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The FM radio newsletter

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

1993

Volume 7, Number 1—January, 1993

WELCOME to readers of the former "FCC-FM" feature in the monthly VHF-UHF Digest of the Worldwide TV-FM DX Association. I have given up that column after 22 years, and several in that group have come aboard as FMEDIA subscribers. This publication should continue to fill their need to know about changes in FCC and as a Forum for their views. All FMEDIA readers should benefit from the contributions of station information and critiques from these FM DX listeners, some of whom possess state-of-the-art tuners and antennas—and the know-how to tune in FM at great distances ("DX listening") when conditions for such reception are unusually good.

New FM Station, Translator Grants Translators have less than 100 watts unless indicated otherwise

- AL Ozark W298AC 107.5 (WJLN 101.3 Dothan AL translator), 120 watts horizontal
- AL Sheffield W210AT *89.9 (WAFR *88.3 Tupelo MS) (Phoenix)
- AZ Camp Verde K280DB *103.9 (KFLR 90.3/CA Burney K220CW *91.9 (KCHO 91.7 Chico)
- CA Garberville K2078H *89.3 (KHSU 90.5 Arcata)
- CA Mecca 97.7 710 watts horizontal and vertical (h,v); 170 meters above average terrain, Michael Durden (Yucaipa)
- CA Upland K201CA *88.1 (KLRD 90.1/CA Vacaville KUIIC-1 95.3 (83-w KUIIC booster)
- CO Vail K210BH *89.9 (KCFR 90.1 Denver), 140 h (m, Annette B. Goodwin)
- FL Fernandina Beach 105.3 6000 h,v; 100/FL St. Augustine *91.9 3000 h,v; 100 m, g, Ocala Radio Ministries, Inc.
- FL Tallahassee W231AC *89.1 (WFSU 89.5 Tallahassee), 250 h,v (Ogden UT)
- ID Montpelier K260AD 99.9 (KKAT 101.9/ K276DR 103.1 (KBZN 97.9 Ogden)
- ID Orofino K213BN *90.5 (KMBI-FM 107.9 Spokane WA)
- IN Berne *91.1 25000 h,v; 100 m, g, Faith Christian Academy
- IN Lafayette Township (Fort Wayne area) *91.1 1000 h,v; 64 m, SW Allen County Schools. FCC consolidated this application with Berne, but apparently the two do not have to share time or be directional to protect each other.
- IN South Bend WUBS *89.7 1500 h,v; 30 m, g, Interfaith Christian Union
- IA Des Moines K241AA *96.1 (KUNI 90.9 Cedar Falls), 250 h,v (see December, p. 6, col. 3) (g, MN-IA Christian Bcstg.)
- IA Eagle Grove *100.7 25000 h,v; 100 m / KY Carlisle WVLW 100.7 6000 h,v; 100 m, TAMI, Inc. (Keyser WV), 230 h
- MD Cumberland W258AB 99.5 (WKZG 107.1/ MD Ocean City 106.9 3000 h,v; 100 m, J. H. Communications (Christian Bcstrs.)
- MI Bronson *94.7 6000 h,v; 100 m, g, MI/MI Escanabe W261CI *100.1 (WHWL 95.7 Marquette) (88.3 Tupelo)
- MS Meridian W215AK *90.9 (WAFR/MS West Point W245AB *96.9 (WAFR)
- MT Big Sky K240CI *95.9 (KEMC 91.7 Billings)
- NJ Pemberton *88.9 120 watts h, 2500 vertical; 52 m, Burlington Community College
- NY Jamestown *88.1 270 h,v; 170 m, State U. of

- NY [96.5 Rochester]
- NY Rochester W246AE 97.1 (WCMF/NC Raleigh 102.9 3000 h,v; 100 m, Bernard Dawson—reversal of grant to Peebles Bcgt.)
- NC Wilmington W240AS *95.9 (WOTJ 90.7 Morehead City), 240 h (Fargo)
- ND Oakes K240CJ *95.9 (KFHW-FM 97.9/ OH Findlay W207AL *89.3 (WGN 97.9 Lima), seeks *95.5; WGTN is noncommercial (*)
- OH Newark W294AC *106.7 (WCBE 90.5 Columbus) (103.3 Cleveland)
- OH New Philadelphia W213AJ *90.5 (WCRF/ OH Portsmouth WOSP *91.5 110 h,v; 368 m, OH State U. (99.9 Albany)
- OR Salem K242AB 96.3 (KRKT-FM/ SC Summerton 98.3 6000 h,v; 100 m, Summer Town Partners
- TN Union City 105.7 6000 h,v; 100 m, Twin States Bcstg., Inc.
- UT Levan K210BI *89.9 (KUSU 91.5 Logan)
- VT Brandon 101.9 3000 h,v; 91 m, Mirkwood Group (100.7 Wilmington)
- VT Jamaica W284AB 104.7 (WVAY/ VT Marlboro W259AB 99.7 (WVAY)
- WA Bridgeport K280AD 103.9 (KWJQ-FM 100.3 Moses Lake)
- TM Tampico XHMDR 103.1, \$, "Stereo Recuerdo," facilities unknown

Call Letters Assigned or Changed

- AZ Tucson 104.1 KUDO
- AR Benton 106.7 KGKO-FM (from KAKI)
- AR Hope *106.9 K295AB
- AR Monticello *106.9 K295AA
- AR Pine Bluff *89.7 KUAP
- CA Baker 94.9 KBXY (KWXX)
- CA Greenfield 99.5 KQKE-FM (KSUR-FM), k, "Quake," AM is in Soledad
- CA Lenwood 107.3 KIXW (KQEH)
- CA Paradise 103.5 KHSL-FM (KCHH), k, simulcasting KHSL AM Chico at night in an LMA ("local marketing agreement")
- CA Redding *88.9 KFPR
- CA Riverside 92.7 KCKZ (KQLH), k, to simulcast KFRG 95.1 San Bernardino
- CA Tracy 100.9 KEXX (KSGO)
- CA Woodlake 104.1 KFCL "FM" (KFCL)
- FL St. Augustine 97.9 WSTF (WUVU), but still on 97.7
- GA Atlanta 99.7 WNNX (WAPV), p. "I'd have to classify them as just plain progressive with no real AOR sounds," still "99-X." A fishing ship off the coast of Corpus Christi TX had the WNNX call letters, so "corporate lawyers got to work and persuaded the Coast Guard to relinquish their rights to the letters. They did and got some 99-X shirts in return."
- GA Brixton 103.7 WULS (WXEA)
- GA Martinez 93.9 (moving from 94.3) WGOR (WMTZ), o, \$
- IL Danville 94.9 WVDZ (WZMF)
- IL Le Roy 104.1 WBVN (WRXZ)
- IL Monese *88.9 WGNR
- IL Quincy *90.3 WQUB (WVQC)
- IA Grinnell 106.7 KRTI
- LA Alexandria 93.9 KDKS-FM (KDKS); AM is in Jonesboro

- LA Jonesboro 104.9 KTOC "FM" (KTOC-FM; AM gets new calls), to 8000 h,v (75 m)
- LA Lacombe 94.7 KPXF
- ME Bangor 92.9 WSHZ (WPBC)
- MD Grasonville 103.1 WXZL (VJHVY)
- MA Great Barrington *105.1 WAMQ (VJBBS)—if sale is approved by FCC, despite a challenge by self-styled troublemaker Glenn Heller (last month, p. 6, col. 2). The Heller challenge is "without merit," said seller Donald A. Thurston, head of WYBS AM. Had it not been for the challenge, the FCC probably would have approved the station sale by now. With a new administration coming in, it could be five more months before the sale is approved and the call letters actually changed. If it takes that long, Thurston said he might change his mind, since business is improving. That would make several local residents happy—people concerned about WBBS being controlled from out of the area and losing nighttime service, "which was especially valuable during [the recent] snowstorm."
- MI Ann Arbor 107.1 WQKL (WJMX), o, "Kool 107"

MI Coleman 101.5 WPRJ-FM (WPRJ), g, AM is in Mount Pleasant "Praise Radio." Its "office and studio is in a former gas station, operated by Gary "B" Bugh.



MI Grand Rapids *88.9 WQMB (WGNR), cj, being bought by Twin Lakes' WBLV *90.3. WGNR, owned by Moody Bible Institute of Chicago, faced the need to move its transmitter and decided to sell instead and concentrate on its WGNB *89.3 Zeeland, which serves most of Grand Rapids. WBLV, on the other hand, had poor G. R. coverage and welcomed the opportunity to expand. Cost to WBLV for the move: \$200,000 to \$300,000, including buying the license from Moody and for "station linkage." WQMB to be off the air for three or four months, forcing the SCSight Seer reading service for the blind to go cable for that period. Sight Seer, founded in 1984 by Ken Van Prooyen, now 71, has 230 listeners with a waiting list of 75 for the receivers which cost \$100. Van Prooyen had owned G. R.'s first FM-only station WKLV 95.7 in the mid-'60s, although in the early '50s there was a WFRS 92.5. He founded Sight Seer when retired, using \$20,000 of grant money; volunteers do the reading. "Who says there's not fierce competition between public broadcasters?"

- MI Lansing *89.7 WLNZ
- MS Long Beach 94.5 WJZD (WVUB)
- MS Wiggins 97.9 WUSD (WOTC), k
- MT Bozeman 99.9 KZLO
- NV Pahrump 107.5 KFBI (KUDA), op

NH Lebanon 100.5 WNBX (WNTK-FM), nt
 NH Manchester *90.7 WLMW
 NH New London 99.7 WNTK-FM, nt, mono, simulcasts WNBX
 NM Armijo 107.1 KNUA (KUCU), rj, new age, ending its LMA with KOLT-FM 105.9 Santa Fe, now co-owned with KRST 92.3 Albuquerque
 NY Fulton 104.7 WEQL (WKFM)
 NY New York 102.7 (WNEW (WNEW"-FM")
 ND Minot 97.1 KYYX (KHHT), "Kicks"
 OH Greenville *89.9 WDPG
 OH Lima 93.1 WFRY (WFRI). Since September "Froggy 93" has had "a total of three call letter changes... I don't know when they will stick to one particular set of call letters for any length of time."
 OR Reedsport 99.5 KRBZ
 PA Mansfield *89.5 WNTD (WXMU), now \$[tereo], still r, going back to a call "they had a few years back."
 PA Mount Carmel 99.7 WSP1 (WXMH)
 PA Scranton 101.3 WGGY (WGBI-FM)
 SC Florence *91.7 WLPG
 TN Dyersburg *91.5 W218AM
 TN Graysville 95.7 WAYB-FM (WAYB); AM is in Waynesboro VA
 TX Bloomington 106.9 KLUB (KVMK)
 TX Brownsville 99.5 KKPS (KVSE), Spanish, I, Tejano, "Que Pasa"
 TX Denton 99.1 KDZR (KJZY), "99-1 Z Rock"
 TX Gainesville 107.9 KPXG
 TX Mc Kinney 106.9 KRVA-FM (KSSA-FM; AM is in Plano TX) ["Cargo"]
 UT Roy 107.9 KRGO "-FM" ("KZQQ"-FM")/
 VT Killington 105.3 WEBK, to 786 m (1200 h,v)
 VT Vergennes 96.7 WWTG
 WA Medical Lake 101.9 (moving from 95.3) KTSL (KAAR) ["Frog 96"]
 WA Opportunity 96.1 KNFR (KKPL)/
 WA Royal City 96.3 KQVN
 WA Spokane 104.7 KAAR (KTSL)
 WI Mishicot 94.7 WEGV (WTRV-FM)
 WY Rock Springs *90.5 KUWZ

Facilities Changes Granted

AZ Camp Verde K285AC 104.9 (not Mingus Mountain)
 AZ Flagstaff K221AY *92.1 (KFLR 90.3 Phoenix—from KDKB 93.3 Mesa)
 AZ Oro Valley KRKN 97.5-4 m (3000 h,v)
 AZ Window Rock KHAC-FM 103.1 72 m (3000 h,v)
 AR Hot Springs KLXQ 96.7 940 h,v; 246 m
 CA Goleta KMGQ 106.3 900 h,v; 252 m
 CA Los Angeles KKLA 99.5 10700 h,v; 878 m, antenna to Mount Wilson
 CA Roseville KRXQ 93.7 100 m (25000 h,v)
 CA Shingletown KCFM 105.3 10000 h,v; 322 m
 CA Sonora KZSQ 92.7 380 h,v; 393 m
 CO (not "CA," as shown in Dec., p. 1, col. 1) Canyon Valley—two new translators
 FL Cape Coral WXKB 103.9 (from 103.7) 100000 h,v; 299 m, C1 [al antenna]
 FL Lake City WOLR *91.3 d-a (direction-/
 FL Palm Bay WEJF *90.3 2000 h,v; 90 m
 FL Safety Harbor WYUU 92.5 6000 h,v; 138 m, C3 [50000 h,v; 141 m, C
 FL Sarasota WAYG *89.1/ [2000 h,v; 113 m
 GA Eastman WUFF-FM 97.5 (from 92.1)/ [m]
 GA Richmond Hill WRHQ 105.3 11200h,v (148/
 GA Swainsboro WXR5-FM 100.5 (from 103.9)
 ID Pocatello KSEI-FM 102.5 312 m (100000 h,v)
 IN Goshen WZOW 97.7 1880 h,v; 147 m
 IN Wabash WYIP 105.9 97 m (3000 h,v)

IA Ottumwa KTWA 92.7 3000 h,v; 100 m, A
 KS Columbus KOCD 105.3 6100 h,v; 94 m (C3)
 KS Herington KDDM 105.7 141 m (3000 h,v), C3
 KY Hawesville WLME 105.7 2600 h,v; 154 m
 LA De Ridder KROK 92.1 10100 h,v; 152 m, C3
 ME Saco WHYR 95.9 3800 h,v; 126 m, but a petition for reconsideration against the grant has been filed [(16500 h,v)
 MD Frostburg WFRB-FM 105.3 292 m/
 MI Bridgman WCSE 97.5 3800 h,v (126 m)
 MN Eden Prairie KOUO 105.7 6000 h,v; 76 m
 MN Glencoe (move from Le Sueur) KQXA 96.1
 MN Luverne KLQL 101.1 162 m (100000 h,v)
 MN Marshall K291AC 106.1 (from K280CN 103.9). "The first of the original lower powered translators to upgrade to higher power." This upgrade should happen soon. Now on the air on 106.1—K291—106.1 Renville. "The Renville translator group raised the funds to make this translator possible with Windsent doing tracking, accountability and licensing."
 MN Pipestone KISD 98.7 310 m (100000 h,v)
 MS Rosedale (move from Cleveland) WJWJ/ 107.5 (from 107.7) 25000 h,v; 100 m, C3
 MO Columbia KCMQ 96.5 18000 h,v; 105 m
 MO Nixa KGBX 105.9 38000 h,v; 170 m
 MT Havre KPOX 92.5 545 m (100000 h,v)
 MT Red Lodge KAFM 99.3 (from 99.5) 45000 h,v (745 m), C
 NE Plattsmouth KOTD-FM 106.9 (from 106.5) 6000 h,v; 100 m, transmitter 7.2 km NW of Glenwood IA
 NJ Fort Lee W276AQ 103.1 has WNEW 102.7 New York NY on it (from WBAB 102.3 Babylon). Licensee Gerry Turro "has formed Bergen County Community Broadcast Foundation and purchased WRRH *88.7 Franklin Lakes NJ for \$100,000, subject to FCC approval. It may be that he plans to repeat that station, which is 10 watts noncommercial, on his Fort Lee translator." [I have written Turro and asked if he plans also to have WRRH on his W232AL 94.3 Pomona NY, which now carries WNEW 102.7 New York, sometimes in stereo, sometimes not. "Aren't translators supposed to be owned and operated by independent parties than the stations and their employees? I guess it's better than four months of rebroadcast static (in the case of the 94.3 Pomona station). This guy (Gerry Turro) does this just hoping for the day that low power FMs are finally allowed so he can have his foot in the door. WNEW needs translators in these areas like a hole in the head." [Since the translators are within the primary service area of WNEW, they can legally be owned by WNEW or a station employee, such as Turro—b.e.]
 NJ Giassboro WGLS *89.7 160 h, 640 v, 50 m
 NM Gallup KKKJ 106.1 26000 h,v; 56 m, extended time to construct
 NM Lovington KLEA-FM 101.7 25000 h,v (85 m), C3, adds vertical
 NY Ellenville WWWK 99.3 120 h,v (497 m)
 NY Rosendale (from New Paiz) WFNP *88.7
 NC Moyock WMYK 92.1 18000 h,v; 117 m, d-a, transmitter Virginia Beach VA, to s, "K-92" (from "The Touch")
 ND Lisbon KQLX-FM 106.1 76 m (50000 h,v)
 ND Langdon KNDK-FM 95.7 6000 h,v (100 m)
 OH Akron WAPS *91.3 (from 89.1) 800 h,v; 46 m, adds vertical
 OK Bixby KBXT 105.3 25000 h,v (100 m), C3, transmitter Tulsa County [only]
 OR Klamath Falls KLD 92.5 653 m (63000 h/
 PA Allentown WFMZ 100.7 11000 h,v; 327 m
 PA Dallas WDL5 93.7 1450 h,v (207 m)
 PA Emporium WQKY 99.3 1000 h,v; 167 m
 PA Gettysburg WZBT *91.1 180 h,v; 116 m
 PA Lancaster W259- *99.7 (from W225- 92.9)
 PA Pittsburgh WDSY 107.9 17700 h,v; 252 m
 RI Providence WBRU 95.5 50000 h,v; 150 m
 SC Loris WVCO 94.9 2700 h,v; 151 m
 SC Walterboro WONO 93.7 6000 h,v (100 m)
 SD Salem KIKN 100.5 100000 h,v; 299 m, C1.
 FCC denied bid by KCFS *100.1 to stay

there; KCFS must move to *94.5.
 TN Henderson WFKX 95.9 6000 h,v (96 m)
 TX Arlington KSNN 94.9 33000 h,v (460 m)
 TX Bridgeport KWCS 96.7 64 m (3000 h,v)
 TX Cameron KCRM 103.9 25000 h,v; 212 m, but not on air on 103.1 or the new 103.9
 TX Columbus KULM 98.3 77 m (6000 h,v)
 TX Huntsville KVST 103.7 (from 103.5) 14900 h,v (130 m), C3 [h,v; 123 m
 TX Kerrville KITE 92.3 (from 92.1) 44000/
 TX San Diego KUKA 105.9 6000 h,v; 100 m
 TX Wichita Falls KWFS 103.3 137 m (100000 h,v)
 UT Provo ZHT 94.9 850 m (47000 h,v)
 VA Chase City WFXQ 99.9 12200 h,v; 143 m
 VA Chester WDYL 93.1 (from 92.1)
 VA Clarksville WLCQ 98.3 25000 h,v; 100 m, C3
 VA Lawrenceville WHFD 105.5 (from 98.9)
 VA Mechanicsville WCDX 92.1 (from 92.7) 4500 h,v; 235 m, B1 [350 h,v; 401 m
 VA Pound WDXC 102.3/ [h,v; 68 m
 VA Ruckersville WVSU 101.9 (from 92.1) 6000/
 VA South Hill WSHV 98.9 (from 105.5)
 WA Cashmere KZPH 106.7 2450 h,v; 156 m
 WA Walla Walla KNSN 97.1 50000 h,v; 408 m
 WV Mannington WTUS 102.7 3200 h,v; 138 m
 WI Brookfield WRIT 106.9 47 m (3000 h,v)
 MB Pukatawagan (new) to be on 96.9 with 9 h, ethnic [new, 91.9, e
 ON Muskrat Dam (not "Muskrat Lake"/,
 NL Monterrey XHIL is on 106.1, not 100.1 as given last month, p. 3, col. 1. One reader claims XHIL is on 101.3, but evidently that frequency is now XHAW"-FM, Inolvidable," while the 106.1 is listed as XHIL, "FM Tu," recently heard in stereo with rock music, but may have call letters beginning with "XHM-."

Stereo—or to be Stereo

CA Groveland KXSR *91.7
 CT Salisbury WKZE-FM 98.1, mt, duplicating AM 1020, and on from 5 a.m. to 2 a.m.
 CT Wallingford WWEB *89.9, "if you're right near them." Their 10-watt antenna is horizontal only on a hilltop campus building.
 FL Beverly Hills WXOF 97.1, "The Country Fox"
 FL Bonifay WTBB 97.7, "The Pirate Station," often with Panama City-Dothan (AL) IDs
 IL Olney WUSI *90.3, cj
 IN South Whitley WLZQ 101.1 r, SMN Young, "Q-101" (strict)
 IN Terre Haute WLEZ 102.7, to return with b, parallel to WMRI 106.9 Marion IN
 MO Willard KOSP 105.1 [Syracuse
 NY Bridgeport WTKW 99.5, "TK-99," ID with/
 NY Ossining WDFH *90.3, to be S, p, along with public affairs by summer '93. "Interesting combo!"
 NY Warsaw WCOU, *88.3 g, on air
 NC Murphy WCNG 102.7. "This station is so strong and we are in the middle of nowhere. All the receivers—FM and TV—connected to outside antennas with mast-mounted boosters overload like mad. It is still adult contemporary."
 OH Chillicothe WOUH *91.9, cj
 TX Cleveland KRTK 97.1, "K Arts," parallel to KRTS 92.1 Seabrook-Houston; ID with Houston
 TX Elgin KKLB 92.5
 VA Rocky Mount WZBB 99.9
 WA Camas KMUZ-FM 94.7, b, "K-Music" Monophonic
 GA Alma WQAH 104.3, having moved from 95.9; remove \$ listing
 IL Kankakee WTKC *91.1, now with a \$ light, but strictly pseudo-stereo
 PA Red Lion WGCN-FM 96.1, remove \$ listing
 TX Hearne KHRN 94.3 mono, remove \$ listing

Format Changes

Formats are the same as in the "FM Atlas"

AL Tuskegee WACQ-FM 99.9 r, "Power 99"
 AK Kenai KWHQ 100.1 r
 AK Wasilla KMBQ 99.7 rm
 AR Eureka Springs KTCN 100.9 g, ownership changes to New Life Evangelistic Center, Inc.
 CA Los Banos KQLB 106.9 k
 CA Ukiah KQPM 105.9 k, "Q-106"
 CO Denver KAZY 106.7 p, "hard rock," forming a combo with KRFX 103.5
 CO Sterling KNNG 104.7 k
 FL Baldwin WXQL 105.7 to be s, "urban/AC"
 FL Gretna WGWD 93.3 rs, move from 100.7 was to have occurred by now. It is r days, s nites.
 FL Marco WAVV 101.1 b, the second b there
 FL Miami WPOW 96.5 sr, still "Power 96"
 FL Vero Beach WGYL 93.7 m, but "leaning toward AC with some current AC sounds, then goes back into the elevator sound, just to throw you off!"
 GA Lumpkin WKN 99.3 k, "Kissin'"
 ID Mountain Home KLVJ-FM 99.3 back on with r, "hot AC"
 IL Taylorville WTJY 92.7 rp
 IN Attica WBQR 95.7 ot, oldies and IBN talk
 IN Ellettsville WGCT 105.1 k. LMA with WBWB 96.7 Bloomington
 IN Fort Wayne WXKE 103.9 rp
 IN Michigan City WEFM 95.9 o [talk
 IN Monticello WMRS 107.7 ot, oldies and IBN/
 IA Boone KIAB 98.3 k, LMA with KJJY 92.5 Ankeny and KSO AM Des Moines; had been simulcasting with KIAQ 96.9 Clarion
 IA Ida Grove KIDA 92.9 k, changing owners (had been owned by Buena Vista College, Storm Lake IA)
 IA Perry KDLS-FM 101.7 k, moving from 104.9
 IA Spencer KICD-FM 107.7 all k, "no longer simulcasting at night"
 KS Copeland KJIL 99.1 gr
 KY Eureka KOTE 93.5 k
 KY Danville WDFB-FM *88.1 on air with g
 MD Lexington Park WMDM 97.7 op
 MI Big Rapids WPSX 102.3 rt, still adult contemporary with Sportstalk via satellite all night, "Power 102.3" (not strict)
 MI Gladwin WGDN-FM 103.1 mr, "soft AC"
 MI Hancock WZRK 93.5 tr, religious talk days, contemporary Christian nights
 MI Lapeer WWGZ-FM 103.1 r
 MI Marquette WUPK 94.1 r, "K-94," simulcasts WINK 93.1 Iron Mountain
 MN Minneapolis KMOJ *89.9 sj [to air
 MS Baldwin WESE 92.5 s, "92 Jams," returns/
 MS Bay Springs WIZK-FM 93.5 k
 NV Ely KDSS 92.7 k
 NJ Newark WHTZ 100.3 (see last month, p. 3, col. 2) "Love Phones" sounds "like a street corner conversation between teenage boys who need to test out their hormones. More like the Howard Stern Show than 'responsible sex'—but, hey, why not air anything sexual if it will bring in the money!"
 NY East Hampton WEHM 96.7 to be rm
 NY Mechanicville WXLE 104.5 r, serving the Albany market 24 hours a day with "rock contemporary"
 NY Montauk WBEA 104.7 to be r, "Beach 104.7." The eastern Long Island "advertising pie is small and it will be sliced even thinner before long [and] the FCC plans to allow still more FM stations, in Montauk, Bridgehampton, Southampton and Westhampton. At this rate, there may be a station for every other seagull. Certainly, there will be more stations than a year-round population of 100,000 could possibly need."
 NY Schoharie WMYY 97.3 g, parallel to WHAZ AM 1330 Troy; using "WHAZ" nonID. "I've seen nothing in the newspapers about it."
 NY Southampton WPBX *91.3 j
 NC Lumberton WJSK 102.3 k
 OH Columbus WBZX 99.7 rp, still "The Blitz," and having about the same type of rock as WXKE 103.9 Fort Wayne IN
 OH Nelsonville WSEO 107.7 k, \$
 OK Sand Springs KTOW-FM 102.3 sr

PA Pittsburgh WORD-FM 104.7 k, "pending sale; to be co-owned with WDSY 107.9 and WEEP AM Pittsburgh"
 RI Woonsocket WYKX 106.3 sr, back to
 TN Bolivar WYDB 94.7 sg
 TN Manchester WFTZ 101.5 rm, "Fantasy"
 TN Memphis WMC-FM 99.7 rm, now a "full-fledged AC"
 TX Dallas KJMJ 100.3 s
 KKDA-FM 104.5 s
 TX Lufkin KQEZ 99.3 o
 TX Mexia-Groesbeck KYCX 104.9 k, uses calls, not "Kicks FM"
 VA Bedford WYMY 106.9 k
 VA Buffalo Gap WSKO 105.5 r
 VA Churchville WBOP 106.3 rm
 VA Petersburg WSVV 100.3 rm, "Savvy 100," to 2650 h.v (106 m)
 WA Naches KYKA 96.9 o
 WY Sheridan KLWD 96.5 rm

On Air and DX Ready—Real Stations and Pirates

AK Petersburg K276BD *103.1, upgrading and serving mainly Scow Bay.
 AK Point Baker (Duncan Mountain) K216AA *91.1, applying to increase from 80 to 200 watts. "This should provide a much better signal to the Port Protection translator (K201AL *88.1—also on air) and to the commercial fishing fleet. . . Boats report hearing the signal in the Sumner Strait and Rocky Pass areas. Boats have a harder time getting the signal because they are moving and the vertical 'whip' antennas used on many boats are not so good for picking up weak FM signals." The Port Protection translator "provides a fair stereo and excellent mono signal to residents of both Port Protection and Point Baker, and can be heard very well in the lower Rocky Pass area." Primary KMXT is in Petersburg, known as the "Little Norway" of Alaska. "Bet you didn't know that, did you?"
 AK Seward K272DG 102.3. Primary KPEN 101.7 Soldotna now IDs with Kenai, Seward, Homer and Kodiak.
 K285EG 104.9. Primary KWVV 103.5 Homer now IDs with Kenai, Soldotna, Seward and Kodiak. "Strict nonlder still using the same, sappy 'K-Vave' nonID. . . These two translators must have come on air within the past week or two." The new translators are forcing KSWD AM Seward to change to "golden oldies," and stress its local programs, but the stations defend invading Seward with their signals: "When people are in a situation of having only a couple of choices they get tired of listening to the same old thing, so we know that we'll have a lot of people listening to us," said Dave Becker, Peninsula Communications general manager.
 CT Bridgeport W285- *104.9 now on only a few hours a day, when the guy comes home and turns it on. It is on for Portuguese programming from 5-9 p.m. from primary WFAR *93.3, but not on when WFARelays Family Radio.
 CT Naugatuck W250- *97.9 (not "W249-97.7," as given last month, p. 3) is on and "not causing interference to WPKX 97.9 Enfield CT, which is actually in Springfield MA. The 97.9 in New York city is stronger—that is what I hear when the translator is turned off. Howard Enstrom in FL does our

engineering, and he calculates our 54 dB signal misses WPKX by 5 km."
 FL Key Largo WJZMQ 103.9 now on with 50000 h.v; 73 m, and getting well into West Palm Beach on a regular basis
 FL Tallahassee 91.9 church station has a \$(tereo) carrier on fulltime, but not always with programming
 WHBX 96.1 (having moved from 95.9 over a year ago, correcting FMedia! Dec. p. 3, col. 3, but still at Class A facilities
 IA Sheldon KIWA-FM 105.3, having moved from 105.5, now 50000 h.v; 89 m [Omaha
 IA Sioux City K269- *101.7 with KGBI 100.7/
 NY New York WNCN 104.3, but gives boot to Matthew Field, 16-year g.m. in favor of Randy Bongarten. Station plans to remain c, but to fine-tune the format so as to get back into the ratings race with WQXR-FM (now a 1.2, compared to WNCN's "paltry" .9% share of listeners).
 NY Oceanside "WOCN" 91.9 claiming stereo, but not received in \$, and with Christmas music various times during the holidays.
 ND Valley City KOVC-FM 101.1, having moved from 100.9
 ON Toronto Rawlco's call-letters-less 92.5 station on—well sort of. It's been testing, possibly in stereo by now.

Off Air—or Not Yet On

CT West Hartford W251- *98.1 "can't get my signal there, but may have to use phone lines at night, carrying WFAR's Portuguese that way, and Family Radio via satellite," but there is a site 16 km SW where WFAR can be received, and this translator may change sites. It, too, is legal regarding WPKX 97.9 Enfield CT, since its site is "below average terrain."
 FL Five Points WCJX 106.5
 FL Lake City WOLR *91.3
 GA Martinez WKBG 107.7
 GA Waynesboro WAGW 107.1, will return after FCC approves sale
 IL Marshall WMMC 105.9
 IL Tuscaloia WITT 93.5 "have gone belly up," but ownership application change filed with FCC.
 KY Whitesburg WXKQ 103.9 and AM "silent due to fire."
 ME Machias WALZ 95.3 since May, '91. "No known plans afoot to go back on the air." Remove \$, format data for this station.
 MD Hagerstown WETH *89.1, but should be on by early May and claiming coverage equal to 20 kw. It will relay WETA *90.9 Washington DC, but to have capability to offer local programming. PTF Program to provide \$145,000 toward its \$255,000 start-up cost, with \$85,000 to be raised by VJETA.
 MA Nantucket WNTX 96.3, but may be because of wind and rain storm. Also off at various times following the storm: WUMR *91.9 Provincetown MA, WBOQ 104.9 Gloucester. WOMR suffered a sudden power surge, which might have been prevented if it could afford a \$5,000 circuit breaker.
 NC Grifton V'TND 99.5 "silent for repairs."
Deletions
 DE Dover W216AM *91.1
 FL Daytona Beach W247AA *97.3
 MN Moose Lake K220BP *91.9. "We took it off the air, as KDNI (90.5)-KDNW (97.3) had raised power; the equipment will be used in Grand Marias until its transmitter is replaced, then in Lutsen, where we have applied for a translator."
 NH Milford W251AB *98.1
 NJ Blairtown W207AT *89.3
 NY Jamestown W298AB *107.5
 NY Syracuse WVOA-1 105.1, after WEQL 104.7 Fulton protested its existence
 PA Catawissa W212AM *90.3

PA Kittanning W254AC *98.7
TX Brenham K220AF *91.9
TX San Antonio K232CM 94.3
UT Tooele K272DH *102.3

"FMedial continues to be a work of art and insight. If you ever decide to pull the switch on this, I would like to be your sorcerer's apprentice. You do us a wonderful service with this publication that even the big boys like Broadcasting, Radio World and the M Street Journal can't match, because you include all the input of the FM listeners and DXers that read your paper. Have a wonderful new year, and please let me know when the new FM Atlas comes out. That reference material is a gem, and a bargain as well."
"Looking forward to another year of FMedial Sorry to see you do away with WTFDA column, but as I mentioned before, I can see where it would have been an extra burden."

SCServices, 57, 67, 92 kHz, TV-SAP, TV Line 21

Symbols are as in the "FM Atlas"

CA Long Beach KLOM *88.1 tU, E. Its 92 is Persian from noon to midnight, "and the other half of the day they run a European jazz service... They have had bad cutbacks here at the University and KLOM only has one news person and only three local newscasts a day."
CO—"The NY papers had articles on the Colorado-based gay service (FMedial Sept. '92, p. 4, col. 1), but they said only that the station was on satellite, nothing about the possibility of its being on SCS. They did say that some 1994 cars may be equipped to receive it, but didn't explain how."

GA Atlanta area—"There are several local SCA tests/changes I am following which I don't want to report until I am reasonably sure they are permanent. I assume the deadline for FM Atlas-15 isn't any time soon."

MD Annapolis WHFS 99.1 tX, 67. "I'm a ham radio operator, and the data sounds a lot like what we hear on the ham bands."

MD Baltimore WLIF 101.9 no data (had tX, 67)
MN Alexandria KXRA-FM 92.3 tU, 92 (no 67)
MO Springfield KTXR 101.3 tM, 67 (back to; had tM several years ago when KTXR was on 101.5); same music as on KTTFS-FM 94.7's 67

NE Agri-Vis on Line 21 of the ETV network signed off Dec. 31. It gave farmers low-cost commodities' information. "With the emergence of pay services, our user donations have decreased to the point where we can no longer continue subsidizing Agri-Vis," said associate general manager Ron Hull of NETV.

NJ Newark "WRMN," on the 92 kHz of WBGO *88.3, may introduce a clock radio in addition to the \$65 "FMystery" radio, "said announcer and co-manager Lino Cella (correct spelling from previous report). Cella is also president of a company called CNS Inter-Global Media," believed to be in the importation of radios. ICN now offering five different radios, including two with built-in cassette recorders, with prices starting at \$70. "Thanks for not printing my name in relation to the 'WRMN' stuff!"

WFME 94.7's 67 kHz Russian station, "WMNB" (222 Bridge Plaza South, Fort Lee NJ 07024) "got a mention in NY Newsday in an article about their new affiliated cable TV station. However, the article said the 'WMNB' radio is a 'five-year-old Russian language station based in Fort Lee', nothing about its being on the SCA band, so Russian-speaking Newsday readers may be searching their FM and AM dials for the station to no avail!" WFME's 92 is still Radio Tropicale, Haitian.

WNWK 105.9's 92 kHz "Radio Internacional" is also called "Colombia al Dia" and has been on the main channel 90 minutes daily, simulcast on both main and SCS 10 to 11:30 a.m. "I don't hear it overnight so it's not on 24 hours. Their address is 79-05 Roosevelt Ave., Jackson Heights NY 11372; (718) 478-8382.

Another Spanish language program has replaced Italian programming from 11:30 a.m. to 2 p.m. weekdays. Incidentally, V:NBK now carries 50 percent Caribbean programs (84½ hours)."

NJ Trenton WKXW 101.5 no SCS (had tX, 92)
NJ Zarephath WAWZ *99.1 t(D), 57
NY New Rochelle WRTN 93.5 tE, 67, Italian (no 92), Radio Maria, "una voce cristiana nella tua casa," which means "the Christian voice in your home." Studios are in Manhattan, (212) 246-9620 and Long Island, (516) 486-8850. "They have Catholic programs as well as classical and popular music. No commercials so far; no English either..."

NY New York WNYC-FM *93.9 tZ is on 92, not 67 ("67 has been quiet for four months")
WBAI *99.5 no 67; its tX has been off "for months," just an open carrier, while the 92 is still tZ.

NC Murfreesboro WBCG 98.3 tU, 67. "I sold WIST Lobelville TN and made a little money; now I'm running this station. The SCS is in connection with NC Power and Light for telemetry readings."

OR Portland KBOS *90.7 tE, 67, testing for Korean Radio Communications Services, Jerry Chanj.

TX Houston KUHT *8's SAP is a reading service for the blind, same as on KUHF *88.7. It promotes the service to folks having SAP-equipped VCRs, and urges such people to return their radio which picks up KUHF's SCS "so that others can get the signal."

TX Laredo KBNL *89.9 t(D), 57, Cue Paging. Still tG, Moody Network, 67; tU, 92. "Unlike most stations which have a foreign language on the subcarrier, we have Spanish on the main channel and English on the subchannel. English is a foreign language in Laredo. Eric Small recommended an SCA receiver made by ComPol, Inc., 415 Campbell Hill Road, Mason (Brookline) NH 03033; (800) 722-0755. They have an oak cabinet receiver for \$85 including shipping. No extra charge for main-sub switch or filter for 57 kHz."

RUSSIA Moscow—Radio 7 is using SCAs to beam information to area news services. It's a digital signal, probably at 57 kHz. "Because of the badly outdated phone system in Moscow, news services such as Federal News Service and the Associated Press needed an alternative way to get news into the Moscow bureaus... Incoming information can be relayed to the station by phone line or satellite, then beamed to the services via SCS."

"I found both the design and execution of your SCS modification to be lacking in the sample I received [and] I must again request a refund."

"Thanks again for repairing my GE SCS. It is back in excellent working condition."

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)

AK Anchorage KEAG 97.3 Kool 97.3 FM (from "Eagle 97")
CA Sacramento KNCI 98.5 Fresh Country 98.5
FL Madison WIMV 102.7 V-103
FL Micanopy WRRX 97.7 97-X. There's a rumor V:TRU 99.5 Jupiter may soon change from Spanish to urban, "filling a void in the West Palm Beach market."

GA Athens WNGC 95.5 FM-95
GA Canton WCHK-FM 105.7 Atlanta's Country 105.7 (from "K-105")
IL Peoria WBGE 92.3 B 92 [107"
IA Burlington KGSR 107.3 uses calls, not "Rock/



MN Princeton WQPM-FM 106.1 (having moved from 106.3) Q Country 106, claiming "50000 watts," but only 32400 h.v.; 184 m. IDs rotate, including with "Rogers-Buffalo"; "Pine City-Golden Valley." Its antenna is on the KXLI (TV-41) tower near Big Lake, between St. Cloud and Minneapolis, and claims a nondirectional coverage of "60-70 miles." While the FM will be programmed "as a regional country station, WQPM AM will continue its focus on local news and feature programs as well as simulcasting FM much of the day."

MO Springfield KKHT 98.7 Heart 98.7 (from "K-Hit") [ping "Mix 92.9"]
NY Buffalo WBUF 92.9 uses calls, drop-/ WJYE 96.1 Joy 96 (back to)
OH Cleveland WMMs 100.7 Buzzard
OH Elyria WNWV 107.3 Cool FM
OK Ada KTLS 93.3 Star 93.3 (from "Stereo 93.3") [Lite 95.5 FM]

OR Portland KXL-FM 95.5/ ["Rock 88"]
PA Williamsport WWAS *88.1 Rocket 88 (from/ TX Bastrop-Austin KGSR 107.1 uses calls, "107.1 KGSR," not "Radio Austin")
TX Bryan-College Station KKYS 104.7 104.7 Kiss FM (from "104.7 KYS FM")
TX Carthage KTUX 98.9 Tux 99 Rocks (from "Tux 99")

TX Port Isabel KPVA 101.1 K-101
TX Seabrook-Houston KRTS 92.1 K-Arts (from "Classical 92") ["Kiss 107.3"]
TX Whitehouse KISX 107.3 Mix 107.3 (from/ VA Lynchburg WLYK 100.1 K-100

"I've found it [FM Atlas-14] to be very useful and informative."
"Greetings from sunny south Florida... Good luck in the new year and try to stay warm up there in the frozen tundra of Duluth!" [Actually it is the taiga, a sub-tundra zone that extends across to Russia, with podzol soils—poor for agriculture!]

Multi City IDs in Use
GA Newnan WMKJ 96.7 with Peachtree City-Fayetteville (from Atlanta)
IN Seymour WQKC 93.7 with Columbus
NV Henderson KXTZ 94.1 with Las Vegas
KWNR 95.5 with Las Vegas, uses calls, not "Winner"

WA McCleary KGY-FM 96.9 with Olympia
"Thanks for your twenty years of service doing your column in the VHF-UHF Digest of the Worldwide TV-FM DX Association... We will miss it!"

AM Happenings Most Likely Caused by FM
CA Hemet KHSJ 1320 drops music for all talk
CA San Fernando KGIL 1260 temporarily simulcasting KMGX 94.3, but expected to be bought by KKKO 105.1 L.A. and KJQI AM 540, with 540 and 1260 to simulcast.
CO Pueblo KDZA 1230, had been simulcasting KRYT 107.9, "silent pending transfer"
CT Waterbury WQQW 1590, formerly WBRY, "went dark in April 1992 and is still dark. No sign of when it will come back on."

DC—Ten years after the fact, the FCC has proposed the Motorola C-Quam as the single AM stereo standard—a move delayed since the 1982 decision to allow stereo AM. The marketplace eventually settled on two systems—Motorola's and the competing and noncompatible Kahn system. Only 660 of 5000 AM stations have stereo and of those 90% use C-Quam. One year after the rules are effective, stations employing the Kahn System would have to discontinue it, and new stereo stations would have to embrace the C-Quam system.

FL Babson Park WXPQ 1530 sold by Webber College. "Student apathy and lack of advertising in this small, isolated community led to the station being dormant. Since the late 1980s, its studios were primarily used as a museum for old radio equipment." It had recently been relaying commercial WAUC 1310 Wauchula FL.
GA East Point WMLD 1160 deleted by FCC
MD Baltimore WHLP (formerly WEBB) 1360 all help-wanted, "the first AM of a planned all job-ad network"

MA Norfolk (Boston) WJCC 1170, had been silent, returns with talk
 MN area—city not announced—"is making application to transfer their license and operation to [K] CGN [101.5 Ortonville MN]. Lord willing, they will become the first full AM affiliate of the "Clean Air Network." But "any listener support for programming on this new station would have to come from their own local area."
 NH Manchester WKBR 1250 silent
 NJ Newark WNJR 1430, which dropped live announcers and carried "Radio Tropicale" from WFME's 92 kHz SCS for about six weeks last summer, "has relocated studios from the transmitter in Hillside NJ to downtown Newark (1 Riverfront Plaza, Suite 345); is offering all available time to independent producers, just like WNWK 105.9 does. Black contemporary, disco, rhythm and blues and gospel music is programmed during time periods not sold. Included in paid programming is 26 hours of Spanish fundamentalist Christian, 34 hours of Caribbean, eight hours of Jewish (Nachem Segel who also is heard mornings on WFMU 91.1 East Orange NJ), Greek for five hours (formerly on V/NWK), Haitian Creole for four hours and 26 hours of paid black gospel music."
 NY New York WBBR 1130 (formerly WNEW) temporarily simulcasted the big bands sounds of WQEW 1560 (formerly WQXR AM), until its business format took over Jan. 4. Between Dec. 12-15 it had been simulcasting WYNY 103.5 with country music, receiving the signal via WYNY's 67 kHz SCS. During the time WBBR was simulcasting WQEW, one reader mused, "Why don't they just shut WBBR off for 20 days? It seems dumb to have the exact same stuff on two different frequencies. . . The WYNY 67 kHz SCA is off now."
 OH Cincinnati WKRC 550 goes talk, has LMA with WLW 700 AM
 TN Crossville W/CSV 1490 silent pending sale, after which it will return "in mid-'93 with travelers' info"
 TN Etowah WCPH 1220 silent
 VA Manassas WPRW 1460, WITH 1230 Baltimore, WNTR 1050 Silver Spring MD to simulcast children's programming with a satellite feed from WWTC 1280 AM Minneapolis MN.
 VA Virginia Beach WVAB 1550 silent
 "Thanks for your fine column and Atlas!"
 "I look forward to the next issue of FMedia!"

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 Repton 101.1A, Feb. 3, 18
 AR Fordyce 102.3A for 101.7A, KQEW, with Hope [dates given]
 AR Hope 101.7C2 for A, KXAR-FM, no/
 AR Mountain Pine 101.9A, Jan. 14, 29
 CA Alturas 101.3C from 94.5C1, KYAX, Jan. 15, Feb. 1
 CA Arvin 92.5A, Jan. 21, Feb. 5
 FL Marco *98.9A reserved for noncommercial use, Jan. 21, Feb. 5
 GA Harlem 95.1C3 for A, WCHZ, Jan. 21, Feb. 5
 IL Colfax 107.7A, Feb. 4, 19
 MD St. Michaels (from Cambridge), WFBR, 94.3A, Feb. 4, 19 [21, Feb. 5
 MT Columbia Falls 95.9C2 for A, KCWX, Jan./
 NY Liberty 102.1A, Jan. 14, 29
 OK Broken Bow 106.1C2 for C3, KKBI, Jan. 21, Feb. 5 [-FM, Jan. 21, Feb. 5
 OK McAlester 105.1A for 104.9A, KTMC/
 OK Stillwater 98.1A, Feb. 4, 19
 OR Milton-Freewater 97.9C2 for C3, KLKY, Feb. 4, 19
 OR Seaside 98.9A, Feb. 4, 19
 TX Hemstead 105.3C3 for A, KEZB, Jan. 21, Feb. 5

FM Rulemakings Finalized

Dates are when FCC filing windows are open

AL Smiths 101.3A, Jan. 29-Mar. 1
 CO Castle Rock 92.1C2 from A, KYBG-FM
 CO Colorado Springs 94.3C from 93.9 C, KIL0
 CO Frisco 93.9A from 92.1A, KYSL
 CO Salida 92.3C3 from 92.1A, KVRH-FM
 FL Gainesville 105.3A for 105.5A, WYKS

LA Campiti delete 98.5C
 LA Oakdale 98.7C1 from C2, KICR-FM
 MN Glencoe from LeSueur 96.1C3 for 96.1A, KQXA
 MS Hattiesburg 101.7C3, Jan. 8-Feb. 8
 MS Leland 94.3C2 for A, WBAD
 MO Clinton 95.3C3 for A, KDCK-FM
 NM Raton 93.7C2 for 94.3A, KRTN-FM
 TX Bandera dismissed bid to switch KHLC from 98.3A to 103.1A
 TX Dilley 98.9C2, Jan. 8-Feb. 8
 TX Hollywood Park dismissed 98.5A bid
 TX Hondo dismissed bid to switch KRBB to 105.9A from 98.5A
 TX Karnes City dismissed 103.1C bid
 TX Pleasanton dismissed bid to switch KBOP-FM from 98.3A to 98.5A
 VA Lawrenceville 105.5A for 98.9A, WHFD
 VA South Hill 98.9A for 105.5A, WSHV
 [The above stations are swapping frequencies]
 "Keep up the good work."

Fine over Stern Upped to \$600,000, But Infinity Deal to Acquire Three Cook Inlet FMs OK'd by Sen. Helms' FCC

It's not really Helms' Commission, but it might as well be. It was Sen. Jesse Helms of NC who gave the FCC the green light to allow Infinity Broadcasting to buy three Cook Inlet stations for \$100 million. All of this follows the FCC's upping the fine to \$600,000 for the on-air antics of Infinity's morning shock jock. Helms mellowed toward Infinity when he learned that Stern's program would not be heard on the new stations Infinity would be acquiring. In a Dec. 7 letter to Cook Inlet President Roy Huhndorf, Infinity Prez. Mel Karmazin stated he had no plans to air Stern's shows on any of the Cook Inlet stations. Somehow, Helms got his hands on that letter and from then on it became smooth sailing for Infinity.

A reader writes, "I know you won't print all this since you devoted so much space to Stern stuff in Dec.," but the Congress of Filipino-American Citizens plans to ask each Stern sponsor for "the reason they are supporting this program which is detrimental to the curing of the racial tension which is now prevailing in this country." The CFAC is inviting all ethnic groups to an anti-Stern rally, Journal Square, Jersey City, Jan. 17, 12-3p.m.

Finally, and I know you're probably tired of all the space given over to Howard Stern, but a media analysis showed Woody Tanger virtually alone in his drive to excise Stern from the airwaves (Dec. p. 6, col. 1). He called for broadcasters to police themselves so that the government doesn't step in and do it for them. These sources were cited as opposing action against Stern: Broadcasting magazine, Electronic Media, and Radio & Records. However, the M Street Journal said: "Has Stern really been given any sort of mandate by millions of satisfied listeners? If 'Deep Throat' ran on prime time network TV, it too would probably find millions of satisfied viewers. That wouldn't have much bearing on whether it was indecent. And while 10% of New York's morning radio audience is formidable, it doesn't make Stern the prevailing com-

munity standard. The other 90% of the radios in New York are NOT tuned to Stern. . . Like it or not, the airwaves are still a public trust and the FCC still has their mandate to regulate them as they see fit—even if we agree that they might not be doing such a good job. . . You also have to wonder at the audacity of Stern's parent company, Infinity, for asking that the FCC might decide to back off its anti-Stern actions, then give Stern a semi-exclusive franchise for what he does. . . Popularity isn't the key; one of the key tenets of First Amendment law is that it protects unpopular speech, too. This, again, is why it's time for some consistent rules once Clinton's FCC takes shape." Let's now revisit an editorial from the May, 1987 "FMedia!"

Stop Audio Pornography/Indecency on FM

Although not endorsing censorship, this newsletter supports the FCC's latest codification of its constraints on broadcasters, both commercial and public, and announcers, like Howard Stern, who employ poor taste in the spoken/suggestive word format to generate ratings. The current FCC has been criticized in various quarters for being too "marketplace" oriented, and not enforcing the rules that are on the books. Here now, the FCC is finally giving direction in a controversial matter. That there is a danger that too much direction may be given—such as having unpopular programming of all sorts taken off the air—is a minor concern. It is a big step from removing somebody talking about grafting a horse's excretory organ to a person to removing somebody discussing an unpopular political or social cause.

Too, we should be concerned with the economics of the so-called "shock jocks," like Howard Stern, who, it is reported, earn between \$100,000 and \$300,000, as well as a society that turns to such "entertainment" and thus justifies paying such salaries (and the higher ratings those folks bring to stations). It is encouraging that almost all the obscenity complaints have centered on FM stations, that FM has "come a long way, baby," but FM, as a medium, will continue to grow, despite the on-air presence of those kind of broadcasters. If management wants to offer audio pornography and pay out huge sums to attract an audience for such shows, let it discover subcarriers, where pornography has reigned supreme in many markets for years. Many radio reading services broadcast audio pornography (sometimes as early as 8 p.m.), and the FCC has not been concerned, because SCA is not "radio," just a subscription service. The theory is that the blind and print handicapped should have access to the full spectrum of the printed word, just as anybody else has. If the FCC makes it too hard for WXRK to carry Howard Stern in full off-color on its main

channel in stereo, WXRK could "bury" Mr. Stern on an SCA, replete with music, sound effects, and maybe visual graphics in slow-speed color TV to special receivers. Receivers could be sold, rented, or given away, and advertising sold. With the proper promotion, a station carrying audio pornography, even if relegated to SCA, could become a smash success, especially if backed by the kind of financial resources used to pay the salaries of such jocks. And once pornography became an integral part of commercial stations' SCAs, then watch this column for an editorial about the practice!

[That editorial was written almost six years ago, and it remains the function of this newsletter not only to report the

news but to sound a call to action when trends such as what Stern represents might disrupt FM as we know it. Stern must be taken to the woodshed as the FCC's James Quello said; and if Infinity is unwilling to do so, the FCC must step in. FMedia! is one voice in the industry that continues to take a stand against the antics of Stern and his ilk.]

FM Radio Con Thomas Root Jailed

If your collection of FMedia! newsletters goes back to Aug., 1989 (pp. 6-7) or Sept. '89 (p. 7), you can re-read about Thomas Root, whose plane landed in the Atlantic Ocean, but he was rescued and was found with a mysterious gunshot

wound in his leg. He was a Washington communications attorney, but "it was later discovered that Root was under investigation for bilking thousands of investors who bought FM radio partnerships sold by Sunrise Management," reported *Monitoring Times* magazine, which said that in October "the story came to a close when Root was sentenced to 15 years in prison and fined \$5,000. According to Associated Press reports, the company had raked in \$16.3 million on the scam before it was stopped."



Root

Special Historic Feature, Minneapolis-St. Paul FM Station History, Part III

Tower Sites Varied in Area

Most of the commercial FM stations transmit from the large TV-FM towers in Shoreview, north of St. Paul. WCTS and KQQL "Cool 108" 107.9 Anoka are considerably north of the Twin Cities, in Nowthen MN. When those stations broadcast at reduced power, it is difficult to receive them in the Twin Cities; KJJO-FM 104.1 transmits from Somerset WI. Possibly to insure better reception in its city of license, St. Louis Park, KJJO-FM held a construction permit for an FM translator on 105.5, K288DE. K288DE was never built, probably because owner Park Broadcasting of Ithaca NY felt that coverage was adequate from the Wisconsin location—plus the fact that K288DE would eventually be displaced by KOUO Eden Prairie 105.7. A new rim-shotter is WQPM-FM Princeton MN, which in December 1992, changed from a Class A on 106.3 to a C2 on 106.1. It gives Twin Cities' traffic reports, IDs on each hour with a different Twin Cities' suburb and solicits advertising from the market. Its antenna is on the KXLI (TV) tower at Big Lake MN.

School stations generally broadcast from their campus locations. KMOJ *89.9 transmits from north Minneapolis, while KFAI, close on the dial at *90.3, is on the Foshay Tower, once the tallest building in Minneapolis. KTIS-FM has migrated from its historic Golden Valley transmitter site to Shoreview, but maintains a standby transmitter in Golden Valley.

Minneapolis-St. Paul (MN) FM Radio Dial History

All stations licensed Minneapolis unless indicated otherwise

Freq.	1949	1954	1961	1967	1973	1980	1984	1988	1993
88.5	--	--	--	--	*KBEM	*KBEM	*KBEM	*KBEM	*KBEM
89.1	*WNOV('51) ¹	--	--	--	--	--	--	--	--
89.3	--	--	--	*WCAL-FM	*WCAL-FM	*WCAL-FM	*WCAL-FM	*WCAL-FM	*WCAL ²
89.9	--	--	--	--	--	*KMOJ	*KMOJ	*KMOJ	*KMOJ
90.3	--	--	--	--	--	*KFAI	*KFAI	*KFAI	*KFAI
91.1	--	--	--	*KSJN	*KSJN	*KSJN-FM	*KSJN-FM	*KSJN-FM	*KNOW-FM ¹
91.7	*KUOM-FM	--	--	--	--	*WMCN	*WMCN	*WMCN	*WMCN ¹
91.7	--	--	--	--	--	*KDXL	*KDXL ⁶	--	--
92.5	--	--	KEVE-FM/KADM	KQRS-FM	KQRS-FM	KQRS-FM	KQRS-FM	KQRS-FM	KQRS-FM ³
93.7	--	--	--	WAYL	WAYL	WAYL-FM	WAYL	WAYL-FM	KLXK/KRXX
94.5	--	--	--	KSTP-FM	KSTP-FM	KSTP-FM	KSTP-FM	KSTP-FM	KSTP-FM ¹
95.3	--	--	*KNOF	*KNOF	*KNOF	*KNOF	*KNOF	*KNOF	*KNOF ¹
95.5	--	--	--	--	--	--	--	--	KCHK-FM ⁸
95.7	WCAL-FM ²	--	--	--	--	--	--	--	--
95.9	--	--	--	--	--	WLKX	WLKX	WLKX	WLKX ⁴
96.1	--	--	WAYL	--	--	--	--	--	--
97.1	WTCN-FM	WTCN-FM	KWFM	KWFM	KTCR-FM	KTCR-FM	KTCZ	KTCZ	KTCZ
98.5	KBTR	*KTIS-FM	*KTIS-FM	*KTIS-FM	*KTIS-FM	*KTIS-FM	*KTIS-FM	*KTIS-FM	*KTIS-FM
99.5	WMIN-FM	WMIN-FM ¹	WLOL-FM	WLOL-FM	WLOL	WLOL	WLOL	WLOL	*KSJN
100.3	--	--	KFMV	*WCTS	*WCTS	*WCTS	*WCTS	*WCTS	*WCTS
101.3	--	--	WPBC-FM	WPBC-FM	WRAH/WYOO-FM	KDWB-FM	KDWB-FM	KDWB-FM	KDWB ⁵
102.1	KSTP-FM	--	KMSJ	KEEY-FM	KEEY-FM	KEEY	KEEY	KEEY	KEEY ¹
102.9	--	--	--	WCCO-FM	WCCO-FM	WCCO-FM	WLTE	WLTE	WLTE
104.1	--	--	--	KRSI-FM	KRSI-FM	KFMX	KJJO	KJJO-FM/KJJO	KJJO-FM ⁶
105.1	--	--	--	--	--	--	--	--	KZPZ ⁸
105.3	--	--	--	--	--	--	--	--	WLLO ⁹
105.7	--	--	--	--	--	--	--	--	KOUO ¹¹
105.9	KIMW/*KTIS-FM	--	--	--	--	--	--	--	KWNG ¹⁰
106.1	--	--	--	--	--	--	--	--	WQPM-FM ¹²
106.7	--	--	--	--	--	--	--	--	*KDXL ⁶
107.9	--	--	--	KANO-FM	KTWN	KTWN-FM/KTWN	KGBB	*KDXL KMGK	KOQL ⁷

Footnote references to cities: 1) St. Paul; 2) Northfield (WCAL-FM was a commercial station on 95.7; then after a hiatus, it resumed broadcasting as a noncommercial station on *89.3); 3) Golden Valley; 4) Forest Lake; 5) Richfield (WRAH, WYOO-FM and KDWB-FM); 6) St. Louis Park (KDXL moved from *91.7 to *106.7, but remained a minor, 10-watt educational station, having embraced stereo in 1992); 7) Anoka; 8) New Prague (this station exists with a short-spacing to KNOF *95.3 St. Paul—a condition which KNOF agreed to); 9) Lakeville; 10) Cambridge; 11) Red Wing (KWNG); 12) Princeton; * = a noncommercial station.

Phantom Stations, Too!

KUOM-FM *91.7 Minneapolis was a construction permit, which was never activated. Similarly, KFMV 100.3 and KMSJ 102.1 (both Minneapolis) were commercial station construction permits, which never came on the air. WMCN *91.7 St. Paul is a minor, 10-watt educational station with limited outreach—similar to KDXL *106.7. KSTP-FM started life on 102.1; then deleted in 1952, saying, "We discontinued the operation of our FM transmitter December 1st because of the limited number of receivers and the very apparent lack of interest in that mode of transmission." It resumed broadcasting on 94.5 in June, 1966—the first FM in the market to utilize vertical or circular polarization for better reception in automobiles.

Sources: *White's Radio Logs*, Vane Jones' *North American Radio-TV Station Guide, Broadcasting Yearbook*, my *FM Atlas*, 1972-, and personal experience in monitoring most of the stations listed, 1948-. No area stations are listed before Spring, 1947, when "White's Radio Log" showed WTCN-FM 97.1 Minneapolis and KSTP-FM 102.1 St. Paul. I can remember WTCN-FM, shortly before it folded in 1954, talking about the high fidelity FM signal and how it is transmitted from atop the Foshay Tower, then MN's tallest building.



Motoring With FM—1952 Style

In October 1952, the family and I drove from Duluth to the funeral of an uncle in Minneapolis. I had a Zenith tube AM-FM table radio and tunable Jerrold TV-FM booster connected to a Terado inverter which used a vibrator [to convert the car's six volt d-c system to 110 v a-c] and an FM antenna, mounted to the car's rain gutter. The antenna was bought used from the Duluth bus company, following the demise of transit radio and WEBC-FM 92.3. The radio and booster sat on the deck behind the back seat of our 1946 Chevrolet, connected by extension cord to the inverter, which plugged into the cigar lighter outlet. With that then state-of-the-art equipment, I could tune in KTIS-FM *98.5 prior to 3 p. m., the only Twin Cities' station to begin broadcasting at such a daringly early hour. At 3, WTCN-FM 97.1, WMIN-FM 99.5 and KSTP-FM 102.1 signed on, all simulcasting their AM affiliates.

Musical Frequencies

KWFM 97.1 Minneapolis started out as 10-watt *WNOV 89.1 St. Paul (Northwestern Vocational Institute). However, it is not certain whether or not WNOV ever operated. If it did, there was a hiatus before KWFM came into being, as the school moved from St. Paul to south Minneapolis in 1952. KWFM claimed to have equipment "to match the finest sound systems" of listeners. Later KWFM was sold and became country music KTCR-FM (and after that, the "Cities 97" KTCZ). KTIS-FM moved from *105.9 to *98.5, after the deletion of commercial station KBTR, which operated in 1948 and 1949. WAYL started life on 96.1, but it was short-spaced to WJMC-FM 96.3 Rice Lake WI, so when WAYL increased power it moved to 93.7. Briefly before that move, WTCN-FM held a construction permit for 93.7, but WTCN-FM, which previously existed on 97.1, was never resurrected. Little KDXL St. Louis Park moved from 91.7 to 106.7.

Little SCAActivity in the Market

FM subcarriers—the method by which a station can send out two or three programs that are different from the main channel stereo—are below par in the market. Nobody is transmitting at the newer 92 kHz frequency. At 67 kHz, data is on some stations, Muzak is on one and reading to the blind on another. The following stations once had SCAActivity, and probably still have equipment, which could easily be activated: WCAL, which was to have used its subcarrier for remote broadcasts from Central Lutheran Church in Minneapolis; KTIS-FM which had both 67 and 92 kHz data; WCTS with 92 kHz paging; WLTE with Market Quoters data at 67 and paging at 92; KQRS-FM with Physicians Radio Network at 67 and with transmitter telemetry at 92; KJJO-FM 104.1 had—and occasionally uses—transmitter control telemetry at 67; years earlier, it had background music. KEYE was to have embraced a data service. One of KTIS-FM's was a test for utilities load control by Brown, Boveri, Inc.; it would seem logical that KTIS-FM return its SCA for a service which could complement its main channel, such as the Children's Sunshine Network, out of Grand Rapids MI, and carried on its Skylight satellite channel. With WCAL Northfield having improved its signal in the market, that station might shed its timidity and offer a distinctive service on a subcarrier. Some broadcasters harbor the now-irrational fear that a subcarrier will impair their main channel stereo—and this fear seems more widespread in the Twin Cities than in almost any other major market.

FM broadcasting in the Twin Cities, after being virtually wiped out in 1955, has made a resounding comeback. Those who are in broadcasting, or just media watchers, will do well to observe FM developments as they unfold there.

Small Print Happenings and FM Industry News

The sale of WCTS *100.3 Minneapolis for \$10 million to Radio 100, Ltd. has been approved, but as of early January, 100.3 is still religion. WCTS is to acquire WMIN 1030 AM for \$1.5 million; and the FCC has approved that deal as well. Radio 100 is poised to acquire KQQL, "Cool 108," Anoka MN for the Twin Cities' first FM duopoly. KVNW Duluth, an unbuilt CP on 101.7, has been transferred to Segue Communications, licensee of WQPM-FM Princeton MN, which now gets into Minneapolis. In Denver, the FCC has granted the license application of KOSI 101.1 and KEZW AM to Tribune Denver Radio, Inc., licensee of KWGN (TV-2), over the objection of Nesweb Corp., permittee of KTVJ (TV-14) Boulder CO. Denver is the 21st national TV market and has more than 30 signals. KTVJ argued that the waiver would not serve the FCC's goal of "promoting competition and diversity."

FCC fee plan scuttled. The proposal to charge a \$125 annual fee for even a small FM station or translator was eliminated from the budget. "An earlier version of the 1993 federal budget included some fees, but the historical exemption for noncommercial stations was maintained [and] the House/Senate joint committee deliberating the subject eliminated all such fees from the '93 budget. So rest easy—until they start on the '94 budget!" says *College Broadcaster* magazine.

Rumor in Gotham is that someone's a courtin' WHTZ 100.3 Newark, and speculation is that Malrite might just merge with Infinity (WXRK 92.3, WFAN AM), Emmis (WQHT 97.1) or Shamrock Broadcasting. Latter is based in Burbank CA and lacks a NY affiliate, but would love to have one. An announcement is expected this month.

KRQQ 93.7 and KNST AM Tucson AZ being sold, subject to FCC approval, to Prism Radio Partners for \$4.5 million. Prism is also buying KWFM-FM 92.9 and AM there for \$4 million. KOLT-FM 105.9 Santa Fe-Albuquerque is being sold to Commonwealth Broadcasting Co. for

\$1.3 million—the same company that owns KNUA 107.1 Armijo NM, KDEF AM Albuquerque. WORD-FM 104.7 Pittsburgh PA being sold for \$4 million to Entertainment Communications. It's going out of the religion business to be co-owned with WDSY 107.9 and VJEP AM Pittsburgh. Duopoly city, Boston, gets another as WBOS 92.9 Brookline-Boston owner Granum Communications announced it's buying WSSH-FM 99.5 Lowell-Boston. These moves will leave Boston with fewer but stronger competitors. Advertising revenue of \$135 million "a few years ago is now down to \$114 million." The soft adult music of WSSH-FM will stay the same, but studios will likely move to WBOS's site on Soldiers Field Road, and some of the personnel will be merged (or purged). Barnstable Broadcasting, owner of WGKX 105.9 and WHBQ AM—Memphis buying WPYR 98.1 Millington-Memphis for \$4.25 million. WWLI 105.1 Providence owner Tele-Media is picking up WPRO-FM 92.3 and AM there from ABC. KSRR 92.9 San Antonio sold to Tichenor Broadcasting for \$3.8 million, pairing it with KCOR AM and taking it out of a duopoly with KONO-FM 101.1 and AM.

The Cleveland NAACP and Southern Christian Leadership Conference have filed a petition to deny against the sale of WJMO-FM 92.3 and AM to WZAK 93.1's Lynn Tolliver and Bobby Rush in conjunction with WZAK owner Xen Zapis. The petition says Tolliver and Rush are front men whose sole purpose is to get Zapis a minority tax certificate. And Zapis' V:AAF 107.3 Worcester MA was hit with a \$4,000 fine for airing a conversation without informing the other party.

Lynn Chadwick of the NFCB has written and clarified a cover story in their "Community News" of November. Two public stations have asked the FCC to protect what they call "white space," which is defined as geographic areas not served by a "full service" radio station, so they could establish translators. Here the definition of what is a "public station" comes into question. WRTI *90.1 Philadelphia had filed against

WXLV *90.3 Schnecksville, WLVR *91.3 Bethlehem and WMUH *91.7 Allentown PA, claiming that they do not fit the definition of "public stations." The other station wanting to declare itself "public" against nearby educational stations, according to Chadwick, was WSHU *91.1 Fairfield CT, which requested translators in Ridge, Selden, and Huntington Station, all on NY's Long Island. "The NCE stations have not been listed in FCC correspondence," but are most likely WFMU *91.1 East Orange NJ, WPBX *91.3 Southampton NY and WSHR *91.9 Lake Ronkonkoma NY. The NFCB pointed out that the FCC treats all licensed noncommercial stations alike, whether or not they qualify for CPB funding, meaning that they operate with a minimum of 100 watts and are on the air at least 36 hours a week, with some exceptions for student stations when school is not in session. Last summer National Public Radio asked the FCC to declare "white space" as "areas where, although there may be NCE-FM stations, there are no stations broadcasting national programming from NPR and other producers." This was a content-based distinction that the National Federation of Community Broadcasters objected to in a letter to the FCC. On Sept. 30 the FCC reaffirmed the rights of smaller educational stations and the NFCB position, saying it "does not distinguish between NCE-FM stations that carry 'national programming' and those that do not, nor does it make content-based distinctions in applying the translator rules." The NFCB promises to "monitor developments that threaten community radio licensees and the issues of localism in programming. As time goes on, we expect that more and more stations will be pressured to give up signal areas to other stations seeking signal expansion."

A community station was fined \$2,500 for violating Sec. 73.2527(d) of the FCC rules regarding access to the public file. A member of the public was denied such access and subsequently filed a complaint with the FCC; it had received a warning in 1991 for a similar violation.

Chadwick, in her letter, identified the station in question as KKFI *90.1 Kansas City MO.

The 1993 NFCB conference is April 1-4 at the Holiday Inn Metrodome Hotel, \$70 per night at (612) 333-4646. Conference fees for members \$100; \$200 for nonmembers; call NFCB at (202) 393-2355 for more information. "Did you notice that the NFCB conference will be in Minneapolis. . . Is that in your neighborhood?"

KMUD *89.7 Garberville CA netted \$30,000 in 12 1/2 days of fundraising in a community of 25,000. "I think we made our goal because now there are enough people listening to us," said Simon Frech of that NFCB-affiliated station.

WONU *89.7 Kanakakee IL, the voice of Olivet Nazarene University, held its "most successful Sharathon ever this year. The annual fundraising drive, held this past spring, totaled \$150,346 in listener pledges." The money will go towards student scholarships, equipment costs and renovations. "It's incredible the impact that WONU is having in the Chicago area," said Bill Dewees, operations manager of the student-Christian station. "We're providing something for the local market that nobody else is—Christian music—and people are now turning to us first when that's what they want." [From "College Broadcaster," winter 1992-93 issue.]

In the closing hours of the 102nd Congress, a bill to curtail 900 exchange telephone abuse passed. Little noticed was a rider that amends Sec. 302 of the 1934 Communications Act to force the FCC to deny certification of any scanning receiver that 1) receives cellular frequencies; 2) like the Radio Shack Pro-2006 can be readily altered to receive cellular frequencies (870-890 mhz mainly); or 3) is equipped to descramble digital cellular calls into analog (clear voice). "Similar to the ill-proposed Electronic Communications Privacy Act of 1986, the new law will have no effect on those who wish to tune in illegally on cellular telephones, but will give the cellular industry what they were after: the illusion of privacy so that they can continue to misinform their customers that cellular telephone calls are private," says *Monitoring Times* magazine.

KLON *88.1 Long Beach, which as reported above ("SCServices"), has cut back on its news production, lost its general manager. With *Calnet* and *Marketplace* gone, Rick Lewis realized the place was top heavy with management, saying of the future, "KLON is just going to play jazz and raise money [and] that's not the kind of place I came to operate." The 13th annual Long Beach Blues Festival was sort of a "last straw." KLON planned for the two-day event to raise \$433,000, but attendance on one of the days was one-third what was expected, and the station lost \$300,000. KLON is still on the satellite sending



Lewis

jazz 24 hours a day to Holland and is planning to expand distribution to France, Germany, Switzerland and Japan. It is also heard on cable radio in some 30 medium-sized markets around the U.S., Canada, Mexico and the Caribbean.

Another public figure in the news is Patricia Wente, former general manager KWMU *90.7 St. Louis, who is being sued for unfairly dismissing an African-American employee. She changed the station's programming from an eclectic mix to mainly classical and news/information. Local magazines have detailed allegations of Wente's abuse of employees and, especially, harassment of black employees. "The critics picture of Wente contrasts with that of the energetic



Wente

young manager elected by her peers to the NPR Board," writes John Wilner in *Current* newspaper. However, the KWMU situation has improved since the "St. Louis Magazine" article. Its fall, 1991 fund drive raised "a record amount of money" and its summer, 1992, Arbitron ratings "were the highest in the station's history."

Also from "Current," and this may have implications regarding Howard Stern vs. Jesse Helms: David Giovannoni analyzed the best times and stations to carry indecency, finding that the fewest teens (the group presumably that regulators would least like to have in the audience when pornography is broadcast) are listening to radio between 1 and 7 a.m. any day, and during the school year only 6-9 percent of teens are tuned in from 8 a.m. to 2 p.m. weekdays. "These facts run counter to intuition. For instance, the FCC and others have proposed to limit 'indecent' material to late evening and after midnight. But the facts show that teens are the most likely radio listeners then." Also, the appeal of the station to a certain age group might mean more or fewer teens listening. "Rap, rock and contemporary formats appeal to teens; news and talk, classical and beautiful music formats do not. Public radio is not a format, but with an audience of 97 adults to every teen, its appeal is essentially adult. . . For instance, any program element—'indecent' or otherwise—aired on a public station Monday morning at 9 would be heard by more than 5,000 adults and only 27 teens in a market of 1 million people. The same program element, aired on a rap station at 4:00 on a Sunday morning, might be heard by more than 300 teens and only 600 adults in the same market. . . As the appeal of the station carries as much weight as the time of day, arriving at the appropriate balance requires putting both on the kitchen scale."

Commercial and public stations sharing—in underwriting, WBOS 92.9 Brookline-Boston and WBUR *90.9 have shared, as do WCLV 95.5 and WCPN *90.3 Cleveland. WCLV has underwritten *All Things Considered* on WCPN, while WCPN uses a variety of run-of-schedule announcements on the commercial station. "The result has listeners on each station hearing about programming on the other," says David G. Kanzeg, WCPN program director.

KIWR *89.7 Council Bluffs IA to change—like soon. Officials at IA Western Community College voted 6-3 to sell the classical music station. Six colleges, which have been approached, expressed an interest in the station, with bidding expected to be completed by Jan. 18. The board hopes to transfer KIWR's license by Mar. 15, but would expect the new owner to take over responsibilities for the station's operation by Feb. 1. The board said it worked for six months to earn enough money to keep the station running, but wasn't able to raise the funds.

One of George Bush's "Points of Light" is WRBH *88.3 New Orleans, which is a stereo reading service to the blind on open carrier. Manager Tim Green and "many volunteers" have labored long and hard to keep the 54-kw outlet on the air. Without the backing of a university nor a social agency, WRBH needed community support to keep operating. Green did what was natural in New Orleans. As a musician he formed a jazz group and booked a prestigious club for a concert that was well promoted in the media. That helped turn the tide in WRBH's favor and it got the attention of the White House, which named it as the 257th Point of Light, resulting in a meeting by Green with Bush at Disney World. WRBH now has \$500,000 in equipment alone, and hopes to produce dramas and to rent the studios for outside productions. Green envisions repeater stations covering the rest of the state. I'd guess some of those "repeaters" would be on SCS, due to cost factors and lack of available frequencies. WRBH is one of two stations having a reading service on main channel; the other is WYPL *89.3 Memphis TN.

The MN Broadcasters Association reminds stations that the local public file must contain brokerage agreements covering LMAs—local

marketing agreements. "Confidential or proprietary information may be excised from the agreements where appropriate. The agreements must also be filed with the FCC within 30 days of execution and must remain in the public file for the term of the agreement."

"Radio Guide" magazine to call it quits? Seems there's not enough industry-related advertising to make it a viable publication, unless they charge for subscriptions. I've been getting a free sub and found the technical articles and classified ads of interest. If you wanna subscribe send \$24.95 to Radio Guide, PO Box 7001, Rochester MN 55903.

Bob Baker sent an item about MN Public Radio planning to expand in the area served by KCRB *88.5 Bemidji, bringing a second, mono, news/talk station; no frequency mentioned. "KCRB staff and volunteers will go to work raising the money to make it all possible. We'll keep you informed!" KCRB celebrated 10 years on the air Dec. 22.

Will it ever stop? The FCC has again asked an end to people writing regarding a nonexistent rumor regarding a petition to "stop religious broadcasting." There is no such proposal now—not since Dec. 1974 when Jeremy C. Lansman and Lorenzo W. Milam filed a petition asking the FCC to inquire about the operating practices of religious stations on reserved-for-education FM frequencies (88-92 mhz) when such a station would not be owned by a local religious college or school. The FCC points out that the Lansman-Milam petition was denied by the FCC Aug. 1, 1975; it has generated millions of unneeded pieces of mail at the Commission.

Fine news: KCHQ 101.3 Altamont OR \$1,000 for operating with reduced power and for having an unauthorized booster station. KRJY 96.3 St. Louis and KARO 101.5 Columbia MO had their licenses renewed, conditioned on EEO reporting conditions. "Juke Box 96" was admonished to contact minority sources for every vacancy that occurs because of previous violations, and "K-102" was hit with a four kilo-dollar fine.

The "M Street Journal" says these markets now surveyed only twice a year by Arbitron: Johnson City-Bristol-Kingsport, Roanoke-Lynchburg, and Youngstown. Tupelo and San Luis Obispo get their own books; Orlando lands a Hispanic breakout. "Dropped from the rolls completely this year are Albany GA, Lufkin-Nacogdoches TX, Pascagoula-Moss Point MS, Sioux City IA, Terre Haute IN and Victoria TX, while Casper WY's fate has not yet been finalized." And quoting from the Small Market Radio Newsletter—KSHN 99.9 Liberty TX did a no-no as far as FCC rules are concerned: it carried separate high school football games on its two stereo channels on a Friday night. Listeners were told to adjust their balance control for the game they wanted. Poor mono listeners!

FM stations on the air 4766 commercial, 1585 educational for an FM of 6351, along with 1943 FM translators and boosters.

From the classifieds: Model 108 "the most sought-after Marantz tube analog FM stereo tuner, rare, collectors quality," \$599 list, your cost \$2999, Audio Classics, PO Box 176, Walton NY 13856.

Experienced board operator 7:30 p.m. to 12 a.m. Audio production skills a must. Excellent verbal and vocabulary ability required, \$4.50/hour. Call Walter Reeves, weekdays, (404) 873-3930, Georgia Radio Reading Service for the Blind. EOE. "Most people pay their maid more than that!"

For sale two TX Class As with CPs to go to 50000 watts in markets close to 1 million. Priced to sell. Bill at (817) 559-2343. KCRM 103.9 Cameron one of them?

TFT EBS10 stereo generator, tuned to 94.7, \$350, B. Brinitzer, WDNK, 1000 Park Forty, Durham NC 27713; (919) 361-1429.

FM FORUM

CONTRIBUTIONS FROM READERS
Name change—from the Concert Music Broadcasters Association to the Classical Music Broadcasters Association. Houston to be host city for their conference, Apr. 29-May 1, 1993. George Stokes, KRIS 92.1 and KRTR 97.1, is the conference organizer.

Until February, *Bruce F. Elving*

The FM radio newsletter

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to press; FMedia! averages 11 issues per year.1993
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New FM Station, Translator Grants Translators have less than 100 watts unless indicated otherwise

AL Enterprise W298AD 107.5 (WJUN 101.3
Dothan 250-w translator)
AL Florence W213AK *90.5 (WAFR 88.3
Tupelo MS)
AK Hoonah K280ED 103.9 (KINY AM Juneau)
AR Fayetteville *89.3 5000 h.v.; 352 m, g,
National Christian Network, Inc.
AR Fort Smith *89.7 100J h.v.; 118 m, g, Bible
Bcstg. Network
AR Hamburg 99.5 3000 h.v.; 100 m, Ken Diebel
AR Jonesboro K213BO *90.5 (WAFR 88.3
Tupelo MS), 250 h.v.
CA Garberville 103.7 7600 h.v.; 807 m, Brett E.
Miller (see "Deletions," below)
CA Kneeland K299AE *107.7 (KHAP 89.1
Chico) [Desert Bcstg.
CA Lenwood KGXY 96.9 1000 h.v.; 247 m./
CA Middletown 98.7 3000 h.v.; 65 m, Wine
Country Radio [Ms. Jean Young
CA Paso Robles KTBG 103.1 1200 h.v.; 220 m/
CA Rosamond KPD 93.5 3000 h.v.; 91 m, R.
Radio, Inc. [g, Logos Bcstg. Corp.
CA San Luis Obispo *89.3 4400 h.v.; 466 m /
CA Seaside 103.5 3000 h.v.; 100 m, The Dunlin
Group [ado Springs)
CO Lamar K207BI *89.3 (KTLF 90.5 Color-
CO Mancos K281AC *104.1 (KSJD 91.5 Cortez)
FL Kissimmee *89.1 1100 vertical only; 163 m,
d-a, nulls at 90, 50 degrees, S, I, Hispanic
Broadcasting System
ID Coeur D'Alene KETB 102.3 3000 h.v.; 114 m,
Communications Group, reinstatement of
construction permit [m, Russ Robinson
LA Richwood (Monroe) 100.9 6000 h.v.; 100/
MN Sandstone W227AC *93.3 (WNCB 89.3
Duluth) [38 m, Normin Bcstg. Co.
MN Staples 94.7 6000 h.v. [Bcstg.
MO Gallatin 101.7 15000h.v.; 129m, MO Valley/
MO Malta Bend (between Carrollton and Marshall)
97.5 3400 h.v.; 268 m, M. J. Carter
NE Rushville K286AB 105.1 (KSLT 107.3
Spearsish SD), 250 h.v. [E. Powell
NH Gorham 107.1 6000 h.v.; 48 m, Gladys/
NH Keene *90.7 1500 h.v.; 286 m, d-a, NH Public
Radio (see "Deletions," below)
NJ Ocean City *91.3 820h, 10500v, 120 m, d-a,
with main null at 280 degrees
NM Eunice 100.9 3000 h.v.; 90 m, Mark C. Nolte
NM Raton *90.9 100 watts h.v.; -177 m, E. NM U.
NY Binghamton *90.1 1500 h.v.; 257 m, g,
Arrowhead Christian Center
*91.5 560 h.v.; 257 m, WSKG-FM, displacing
off-air WUCJ *91.5, with the new 90.1
station putting the squeeze on WHRW *90.5
Binghamton
NY Corning WPHD-1 94.73 watts h.v.; booster of
Tioga PA station (had operated on 93.3)
NY Endwell W221AX 92.1 (WKGB 92.5 Susque-
hanna PA)
NY Glens Falls WYLR 95.9 to Lawrence N.
Brandt (denied license renewal application of
Normandy Broadcasting Corp.), same facil-
ities.
NY Huntington Station W217- *91.3 (WSHU
91.1 Fairfield CT), 250 h.v.; 121 m
NY Noyock (east of Sag Harbor) W277- *103.3
(WSHU, 250 h.v.)

NY Pattersonville (between Amsterdam and
Schenectady) *90.7 30 watts h.v.; 199 m, g,
Sound of Life, Inc. [m, d-a
NY Ridge W219- *91.7 (WSHU), 250 h.v.; 198/
NY Selden W228- *93.5 (WSHU), 10 w h.v.; 160
m [m, Kenneth R. Noble II
NC Carolina Beach 106.7 1800 h.v.; 77/
PA Murrys ville *88.1 100 watts h.v.; 67 m, g, He's
Alive, Inc. [Wm. F. O'Shaughnessy
PA South Waverly 96.1 940 h.v.; 180 m/
SC Greenville W247AB *97.3 (WNCW 88.7
Spartanburg NC)
SD Brookings *90.7 1000 h.v.; 45 m, SD State U.
TX Brenham K220DY *91.9 (KSBJ 89.3 Hum-
ble), replaces deleted K220AF
UT Bountiful KZHT-2 94.9 10-w (h) booster of
Provo station
UT Ticaboo K257DL 99.3 (KMXU 105.1 Manti)
VA Ivanhoe *90.1 250 h.v.; 43 m, I. Civic
League, Inc. [Schools; had been on 90.1
WA Mercer Island KMIH *104.5 10 h, M.I./
WY Cheyenne K214BP *90.7 (KEAR 106.9 San
Francisco CA via satellite), 250 h
WY Jackson KUWJ *90.3 3000 h.v.; 337 m, U. of
WY [Bcstg. Society
BC Tofino *92.5 50 h, Tofino/Ucluellet/
BC Ucluellet *105.1 50 h, T/U Bcstg. Society
YT Horse Camp Hill 93.3 190 h.v, Beaver Creek
Community Club
BWI Road Town, Tortola *91.7 100000 h.v.; 600
m, rm, "Z-Gold," Caribbean Broadcasting
94.3 100000 h.v.; 600 m, r, "Z-Hit," C.B.
103.7 ZROD "FM" 5000 h, 100 m

Call Letters Assigned or Changed

AZ Sun City 106.3 KEDJ (KONC), p, modern
rock, "Edge 106" [(KCML), n, mono
CA Hanford 107.5 KMPH/ [92"
CO Greeley 92.5 KZDG (KDHT), k, "Big Dog/
CO Pagosa Springs *105.3 K287AA
FL New Port Richey *105.5 WGUL-FM (WGUL;
AM is in Dunedin FL)
FL Palm Bay *88.5 WWIA (WJIK)
FL Panama City Beach 105.1 WAKT (WSEQ), k,
"Kat" [having moved from 105.1
IN Roanoke 94.1 WGL-FM (WQTX), nt, mono,/
MA Nantucket 96.3 WRZE (WNTX), r, "The
Rose," coming on after a silence. Now part
of a duopoly with WPXC 102.9 Hyannis, and no
longer yoked with WMVY 92.7 Tisbury.
NY Clayton *91.3 W217AB
NY Long Lake *88.3 W202AS
ND Fargo 107.9 KPFX (KSMM), \$[tereo],
"107.9 the Fox" (strict), ID with Moorhead
MN
PA New Kensington 100.7 WTKB (WMXP), k,
"The Bear." WMXP enters an LMA with
purchase option with WBZZ 93.7 Pittsburgh.
PA Pittsburgh 104.7 WXRB (WORD-FM), k,
"The Rebel." Ads were run on competing
stations prior to WXRb's debut announcing
"The Rebel." Spots confused the stations
into thinking they were promoting a movie.

They ran an alleged 15 times on each station
before being pulled.

TN Dyersburg *91.5 W218AM
TX Lubbock 101.1 KONE (KTEZ), k
TX Terrall Hills 106.7 KDIL (KKYX-FM), k,
"Armadillo," continuing its LMA with KCY
100.3 San Antonio [550 h.v.; 229 m
VA Cedar Bluff 107.7 WJHT (WYRV-FM)/
WA Seattle 103.3 K277AE (from K277AA)
WV Barrackville 93.1 WMMN-FM (WVCW);
WMMN AM is in Fairmont; LMA with WRLF
94.3 and AM Fairmont
ON Belleville 92.3 CJLX, owned by Loyalist
College and "due on-air soon"
ON Toronto 92.5 CISS, "Kiss," on air, 24 hours a
day from antenna on First Canadian Place,
downtown
TA Matamoros 105.9 XHNA

Facilities Changes Granted

AL Decatur WDRM 102.1 299 m (100000 h.v.)
AL Mobile WHIL *91.3 325 m (100000 h.v.)
AL Monroeville WMFC-FM 99.3 50000 h.v.; 150
m, C2
AZ Flagstaff KOYG *89.9 (from 88.9)
AZ Lake Havasu City KZUL-FM 105.1 814 m
(1050 h.v) [adds vertical
AZ Yuma KJOK 93.1 100000 h.v.; 24 m,/
AR Conway KTOD 9.7 3400 h.v (91 m)
CA Chester K209AY *89.7 has KCHO 91.7
Chico, not KXPR 90.9 Sacramento on it
CA Fillmore K272DI *102.3 (from K206AS
89.1)
CA Kings Beach KBCH-FM 107.7 210 h.v.; 903
m, C3, site to Slide Mountain, 11 km NE of
Incline Village NV
CA Lakeport K246AB (from K265CL 100.9),
primary is KUKI-FM (not "KUKY" as shown
in FM Atlas-14). It has moved to 97.1,
"apparently with more than 10 watts. . .
They've had trouble feeding it a clean signal:
it was quite garbled one day, and it wasn't my
reception that was to blame."
CA Long Beach KLON *88.1 8000 h.v (129 m)
CA Monte Rio KMGG 97.7 1750 h.v.; 366 m
CA Quincy KQNC 102.1 130 h.v (645 m), Class
A [h.v.; 328 m
CA Riverside KUCR *88.3 (from 88.1) 160/
FL Micanopy WRRX 97.7 174 m (2600 h.v)
FL Naples WWSL 103.1 13800 h.v.; 134 m, C3
FL Okeechobee WOKC-FM 103.1 50000 h.v.;
150 m, C2
FL Panama City WPAP 92.5 281 m (100000 h.v)
FL Panama City Beach WPCF-FM 100.1 16000
h.v.; 86 m
FL Sarasota WSRZ-FM 106.3 3600 h.v (79 m)
FL Union Park (new) *88.3 950 h, 448 m
FL Winter Park WLOQ 103.1 14000 h.v.; 134 m
GA Columbus W293AD 106.5 (from W236AA
95.1)
GA Griffin WQUL 97.7 4400 h.v.; 116 m
GA Hinesville WHVL 104.7 6000 h.v (100 m)
GA Milldegeville WKZR 102.3 adds vertical
GA Savannah WHCJ *90.3 (from 88.5) 6000 h.v
(44 m), reduces coverage
GA Sparta WSKS 97.7 6000 h.v (100 m)

IL Carlville WCNL 95.9 99 m (3000 h.v)
 IN Berne (new) *91.3 (not 91.1) 6300 h.v; 100 m, d-a, null at 330 degrees
 IN Connersville WCNB 100.3 28000 h.v; 84 m
 IN Fort Wayne WFUI 92.3 3800 h.v; 123 m
 IN Lafayette Twp. (new) *91.1 200 h.v (65 m), d-a, with null at 320 degrees
 IA Brooklyn KSKB 99.1 150m (50000h.v) [m
 IA Osage KCZY 103.7 (from 92.7) 6000 h.v; 47/
 IA Oskaloosa KIGC *88.7 10 h (38 m), Class D
 KS Eureka KOTE 93.5 98 m (3000 h.v)
 KS Ottawa KZTO 95.7 98600 h.v; 201 m
 KY Grayson WUGO 102.3 4800 h.v; 111 m
 KY Hardinsburg WHIC-FM 94.3 30000 h.v; 160 m, transmitter to Irvington KY, C2
 KY Hyden WZQQ 92.3 5700 h.v; 102 m
 LA Basile KBAZ 102.1 25000 h.v (100 m)
 LA Columbia KCTO-FM 102.9 (from 103.1) 25000 h.v; 91 m, C3
 LA Erath KPEL-FM 107.7 10000 h.v; 143 m
 LA Larose KLRZ 100.3 6000 h.v; 97 m
 MI Boyne City WBCM 93.5 14100 h.v; 283 m
 MI Pentwater WSAB 94.1 25000 h.v (100 m)
 MI Spring Arbor WSAE *106.9 3900 h.v (102 m)
 MN Marshall KKCK 99.7 282 m (100000 h.v)
 MN Rochester KFSI *92.9 (from 88.5). "Was surprised when I heard them on 12-20. . . I looked back in the FMedia! and I saw no facilities change listed for KFSI."
 MN Tracy KARL 105.1 4300 h.v; 118 m
 MS Byhalia WHLE 94.9 6000 h.v; 100 m
 MS Philadelphia WWSL 102.3 40 m (5200 h.v)
 MS Yazoo City WJNS-FM 92.1 109 m (20000 h.v) [m, vertical only
 MO Cape Girardeau KRCU *90.9 6000 v; 79/
 MO Columbia KOPN *89.5 40000 h (72 m)
 MO Joplin WMBH-FM 102.5 125 m (100000 h.v), non d-a, C1
 NE Fairbury KUTT 99.1 (from 99.3) 100000 h.v; 195 m, C1, transmitter Powell NE, serving Belleville, Washington KS, Beatrice, Chester, Crete NE
 NE Omaha KPQB *88.1 1100 h.v; 195 m
 NV Incline Village K267AA 101.3 (from K265AJ 100.9)
 NJ Berlin WJNS-FM *88.1 238 m (2 w h, 85 v)
 NJ Trenton WKXW 101.5 18000 h.v; 250 m
 NM Armitjo KNUA 107.1 60000 h.v; 722 m, C
 NM Corrales KSWA *95.1 -162 m (3000 h.v)
 NM White Rock KNLA 101.1 16 m (3000 h.v), A
 NY Bay Shore WBSI 103.1 3000 h.v (87 m)
 NY Johnstown WSRD 104.9 3000 h.v (91 m)
 NY Mattydale (from Chittenago) W296AF 107.1
 NY Montauk WBEA 104.7 96 m (6000 h.v)
 NY Pomona W232AL *94.3 now noncommercial, relaying WNYK 88.7 Nyack (from WNEW 102.7 New York)
 NY Vestal WMXW 103.3 410 h.v (300 m), rm
 NY Wurtsboro WZAD 97.3 620 h.v; 219 m
 NC Kannapolis WRFX 99.7 84000 h.v; 322 m, d-a, C1
 NC Shallotte WCCA 106.3 6000 h.v; 93 m
 OH Englewood WJZX 94.5 6000 h.v (100 m)
 OH Sidney WMVR-FM 105.5 4900 h.v; 47 m, non d-a [noncommercial
 OH Springfield WEEC *100.7 now/
 OR Hood River K299AD 107.7 (from K272CK 102.3)
 PA Pittsburgh WRCT *88.3 1500 h.v (18 m)
 SC Chester WDZK 99.3 184 m (7600 h.v), C2
 SC Columbia WMHK *89.7 426 m (100000 h.v), C [105.5) 16000 h.v; 113 m, C3
 SC North Myrtle Beach WMNB 105.9 (from/
 SD Spearfish KBHU *89.1 100 h; -106 m
 SD Sturgis KRCS 93.1 323 m (100000 h.v)
 TN Crossville WXVL 99.3 99 m (6000 h.v)
 TN Newport WNPC 92.9 3100 h.v; 140 m
 TN Red Bank WJTT 94.3 3000 h.v; 91 m
 TN Spring City WAYA 93.9 9200 h.v; 168 m, C3
 TX Austin (new) *91.7, TX Educational Broadcasting Cooperative (not to be licensed Hornsby; to share time with new U. of TX student station)
 TX Comfort KATG 95.1 36000 h.v; 172 m
 TX Crane KAIR 101.3 (from 100.9) 100000 h.v; 132 m
 TX Georgetown KNNC 107.7 25000 h.v (100 m)

MN's KFSI Sneaks Onto *92.9

TX Jacksonville KBJB *90.3 19000 h.v (392 m), d-a [h.v; 240 m, C2
 TX Lufkin KSWP *90.9 (from 91.1) 30000/
 TX Mulleshoe KMUL 103.1 3600 h.v (123 m), adds v [KTSW *89.9
 TX New Braunfels (from San Marcos)/
 TX Sugar Land K259AB *99.7 (from K210BT 88.1) [96000 h.v (274 m, d-a)
 TX Tyler KVNE *89.5/ [000 h.v)
 TX Wichita Falls KNIN-FM 92.9 280 m (100-/
 UT Toole KTLE 92.1 -232 m (1350 h.v)
 VA Harrisonburg WEMC *91.7 1840 h.v; 58 m
 WA Gig Harbor KGHP *89.9 15000h; 880 v (58 m, d-a)
 WA Longview KLYK 105.5 700 h.v; 262 m
 WA Spokane KWRS *90.3 10 watts h (-46 m), Class D [(420 m)
 WA Walla Walla KTEL-FM 93.3 42000 h.v/
 WV Princeton WAEY-FM 95.9 480 h.v; 348 m, adds vertical [h.v; 86 m, C3
 WI Algoma WBDK 96.7 (from 96.5) 25000/
 WI Janesville WJVL 99.9 153 m (11000 h.v)
 WI Ladysmith WWIB 103.7 207 m (100000 h.v), C1
 WI Shawano WOWN 99.3 14000 h.v (134 m)
 VI Whitewater WSLD 104.5 6000 (100 m), a "Class A, not Class C, as indicated by some sources. . . I don't know what has happened to the Carol College station" in Waukesha which used to operate on 104.5 (new) 106.5 d-a with nulls at 60 and 70 degrees
 WY Cheyenne KFBQ 97.9 300 m (100000 h.v), transmitter in CO
 WY Rawlins K269CX 101.7 now *, relaying KCSP *90.3 Casper (from KTRS 95.5 Casper)
 PR Juana Diaz is 13 km ENE Ponce
 NB New Maryland is 9 km SSW Fredericton
 ON Fort Erie KEY 101.1 73 m, d-a (8700 h.v)
 BN Tijuana XHTIM 91.5 (not 91.7). Lyle Henry agrees that we may as well face the reality that XHTIM might just stay where it is. "The tropo has been down and we [at KUSC] have not had many reports of interference lately."
 NL Monterrey XHIL 106.1 3800 h, -132 m

Stereo—Or to be Stereo

CA Chester KCMT 98.9 back to, but dropping occasionally into mono, "so suspect they're just working on it as I type"
 CA South Lake Tahoe KRLT 93.9
 FL Stuart WCNO *89.9
 FL West Palm Beach WAYF *88.1
 GA Brunswick WWIO *89.1, c [m, c
 GA Fort Gaines WJWV *90.9, to 85000 h.v; 166/
 IL Monee WGNR *88.9, directional antenna to the south, on 24 hours. Site at video teleport, from which WJSO *90.1 Pikeville KY is sent to satellite to 48 cable systems; WGNR to displace WJSO on the Moody translators?
 IN Bremen WYEZ 96.9, m, "more m than b," but testing; was to have come on 6 a.m. Jan. 18.
 IN West Lafayette WBAA-FM *101.3, cj, non-commercial
 IA Eldora KDAO-FM 99.5
 MI Coleman WPRJ (not WPRJ-FM) 101.5, gr. "Is fully digital stereo FM only. We gave up the AM. We do ID on the hour with Mount Pleasant and Midland."
 MI Saginaw WUVE 104.5, p, parallel to WBTZ 100.9 Pinconning MI
 MN St. James KXAC 100.5, mr, "music similar to WLTE" 102.9 Minneapolis
 MN Stewartville KYBA 105.3, mr, on air. "I assume they will be stereo. Isn't it something—all these FM stations coming on the air and cluttering the dial?"
 NY Canandaigua WCIIY *88.9
 NY Jamestown WCOT *90.9
 NY Nyack WNYK *88.7, gr, now IDs as *WNYK

88.7 for Nyack, 94.3 for Pomona, alternative community radio for the Hudson Valley."
 W232AL 94.3 has poor stereo separation, except when very close to its site.
 NY Webster WFUL 102.7, heard simulcasting WNYR 98.5 Waterloo NY with "WNYR" calls used mainly on 102.7
 OH Celina WCSM-FM 96.7, still "Mix 96.7"
 OK Ponca City KLVV *88.7, gr
 OR Florence KCST-FM 106.9
 SC St. Matthews WQKI-FM 93.9
 TX Jefferson KJTX 104.5, s, "black gospel"
 VA Christiansburg WBK 100.7
 VA Petersburg WSVV 100.3
 WA McCleary KGY-FM 96.9, ID with Aberdeen, Shelton and Olympia
 Monophonic
 CA Placerville KZSA 92.1, but assumed temporary, as they still proclaim "todo estereo"
 NJ Blairstown WHCY 106.3, since going k and since WRNJ-FM 107.1 Belvidere NJ signed on. Remove \$ listing. "I wonder who will be first to blink in the satellite k competition, WHCY or WRNJ-FM?"
 TX Donison KDSQ 101.7, but believed to be temporary; still "Q-101.7"
Format Changes
Formats are the same as in the "FM Atlas"
 AK Kenai KWHQ 100.1 k[ountry]
 AK Talkeetna KTNA *88.5 cj, along with KSKA *91.1 Anchorage, "but does some local programming, especially during morning hours"
 AZ Arizona City KONZ 106.3 p, modern rock, see above, "Call Letters," Sun City
 AZ Phoenix KBAQ *89.5 to be c
 AZ Wickenburg KFMA 93.7 b, JSA
 AR Hot Springs KLXQ 96.7 op, Unis. classic rock, duopoly with KQUS 97.5 and AM
 AR Prairie Grove KDAB 94.9 g, southern gospel
 CA Baker KIXF 101.5 to be k, expected on this month
 CA Bakersfield KIWI 92.1 Spanish, latin
 CA Kerman KTA 94.3 to be Spanish, latin, but temporarily silent
 CA Lenwood KIXW 107.3 to be k, expected on in March, parallel to KIXF 101.5 Baker
 CA Los Angeles KQLZ 100.3 p, "modern rock," dropping "Pirate Radio" in favor of call letters [ends are eclectic."
 CA Northridge KCSN *88.5 still c, but "week-/
 CA Thousand Oaks KNJO 92.7 mr
 CA Riverside KHTX 97.5 k
 CA San Francisco KDBK 98.9 tr, now 80% monophonic ralk, 20% stereo rock
 CA Santa Cruz KDBQ 99.1 tr, parallel to KDBK
 CA West Covina KBOB 98.3 Spanish, latin, but "silent pending sale"
 CA Willows KIQS-FM 105.5 km, mostly k, but some m. "KIQS-FM consistently seems to lack stereo separation, though running a stereo carrier. Don't know whether it's temporary, or whether it's simply an abundance of old mono cuts, or whether it's deliberate."
 FL Port Charlotte WEEJ 100.1 o, part of a duopoly with WKII AM Punta Gorda
 FL St. Augustine WSTF 97.9 (moving from 97.7) o, "Star 97.7," LMA with WROO 107.3 Jacksonville.
 GA Carrollton WBTR 92.1 k
 GA Cleveland WGGA-FM 101.9 b, but may be

temporary; power seems to be "greatly reduced," now all automated, "like they were about to close down or be sold."

ID Nampa KFXD-FM 94.9 m

IL Aurora WYSY-FM 107.9 pr, adds hard rock nights—show formerly heard on monophonic WVVX 103.1 Highland Park IL

IL Beardstown WRMS-FM 94.3 mr

IL Charleston WEIC-FM 92.1 o

IL Decatur WYDS93.1 k

IL Highland Park WVVX 103.1 et, ethnic and sports talk, mono

IL Kankakee WLRT 92.7 k, "T-93" (not strict)

IL Lansing WJPC-FM 106.3 so, R&B oldies

IL Le Roy WBWN 104.1 k, "B-104"

IN Brookston WEZV 95.3 m

IN Marion WMRI 106.9 m

IA New Hampton KCZE 95.1 r, parallel to KCHA-FM 95.9 Charles City

KS North Fort Riley (Abilene) KBLS 102.5 mr, "Sunny," LMA with KSAJ 98.5 and KABI AM Abilene

KY Bowling Green WBZD 96.7 r

WDNS 98.3 k

KY Hardinsburg WXBC 104.3 rk, also rock oldies

KY Virgie WZLK 107.5 k

LA Berwick KBZE 105.9 sr

LA Coushatta KSBH 94.9 k

ME Harpswell WMSJ *91.9 to be gr, building its tower on Bailey Island; studio to be in Freeport. Watch for March air-date.

ME Presque Isle WTMS-FM 96.1 r, "Power 96" WBPW 96.9 k, "Power 97," both Presque Isle stations LMA d

MD Salisbury WLWV-FM 105.5 o, SMN Kool

MA Boston WERS *88.9 pj, dropping Brazilian music with host Dennis Miller of "Coracao Brasileiro" (which had been heard 4-8 p.m. Saturdays) graduating. He'd like to peddle the show to other stations, but most prefer to appeal to a broader range of listeners. He feels Brazilian music does enjoy a wide following. "Even as a kid I was intrigued by the bossa nova."

MA South Yarmouth WATB 103.9 o, "B-104," breaking away from WATD-FM 95.9 yoke

MI Battle Creek WBXX 95.3 r, "hot AC"

MI Detroit WOWF 99.5 t, "99.5 Wow FM." Still stereo ("what a waste"), but with "parody records and bits mixed in," which presumably have stereo separation. Has ABC, but talk is all local, and "not too bad."

MI Harbor Springs WLTO 103.9 k, back on air, now 29000 h,v; 202 m, but its for-sale offering memorandum claims its power is "50000 watts [with] and eclectic blend of country selections. The unique and popular sound is entirely programmed for and by the WLTO staff." This caused a would-be purchaser to muse, "Isn't this great? They don't care about anyone but themselves!"

MI Marshall WELL-FM 104.9 k, back on air; WELL-FM and its silent AM form a duopoly with WBXX 95.3 Battle Creek and WBCK AM. [moved from 100.1

MI Oscoda WCLS 100.7 rm, having moved/

MI Pinconning WBTZ 100.9 p, "hard rock"

MS Baldwin WESE 92.5 sr

MS Hattiesburg WHSY-FM 104.5 r, "Y-104" (from "Mix 104")

NV Reno KNEV 95.5 m, "Magic 95.5," LMA

with KBUL 98.1 Carson City

NH New Durham WWPC *91.7 g

NJ South Orange WSOU *89.5 pe, ethnic Sundays—Filipino, Lithuanian, Armenian, Arabic, Polish, Jewish and Celtic programs, "each two hours long."

NJ Wildwood WZXL 100.7 r

NM Los Lunas KOYT 102.5 r, "eclectic rock"

NY Canandaigua WLKA 102.3 rm, upon sale

NY Jeffersonville WPGA 106.1 r, parallel to

WPDH 101.5 Poughkeepsie

NY Liberty WVOS-FM 95.9 k

NY Port Henry WMNM 92.1 jm, new age, "Warm 92.1" (from "92-MNM")

NY Rochester WJZR 105.9 j, testing with. "They clammed up tight when I asked them about the format."

NC Grifton WTND 99.5 k (had been silent); part

of a duopoly with WIKS 101.9 New Bern

NC Kill Devil Hills WCXL 104.1 rm, "Beach 104," LMA to purchase WGAI AM Elizabeth City

ND Minot KYYX 97.1 k, "97 Kicks"

OH Bellaire WOMP-FM 100.5 still r, but mostly

parallel to WRKY 103.5 Steubenville OH

OR Eugene KRVM *91.9 rp, MOR-type rock daytimes, but "the rest of their schedule is still mostly alternative rock"

OR Springfield-Eugene KSND 93.1 k. Its ratings "had just slid way down. We spent a couple of months studying it and looked around.

Country is red hot." Switch places KSND head-on in its competition with KUGN-FM

99.1 Eugene, "one of the area's strongest stations with 17.1 percent of the audience."

PA Avis-Williamsport WDKK 99.9 k, ID with Lock Haven, uses calls and "The Duck"

PA Ebensburg WIYQ 99.1 still o, but being sold, subject to FCC approval, to owners of WQWK 97.1 University Park PA, and expected to simulcast WQWK's rp format

PA Media WKSZ 100.3 rt, adds sex talk, nights

PA Scranton WGGY 101.3 bought by owners of WKRZ 98.5 Wilkes-Barre and expected to go k, and with it the "shedding of its historical (WGBI-FM) call letters."

PA Shamokin WISL-FM 95.3 op, no more simulcasting with AM, now "Whistle FM" (strict), automated 7 p.m. to 6 a.m.

PA York WQXA-FM 105.7 rm, "Q-106" (from "Hot 105.7")

SC Hartsville WHSC-FM 98.5 k

SC Ravenel WMGL 101.7 sr, "Coast"; LMA d by WWWZ AMount Pleasant SC

SD Sioux Falls KKLS-FM 104.7 o, "Oldies

104.7" (from "Sunny 104.7")

TN Jellico WEKX 102.7 k, LMA with WKCB-FM 107.1 Hindman KY and its AM

TN Ripley WTRB-FM 94.1 rm

TX Beaumont KQXY 94.1 r, more extreme AC, "adult top 40," still "94-Q"

TX Bloomington KLUB 106.9 Spanish, I, Tejano

TX Fort Worth KEGL 97.1 rp, "97.1 The Eagle"

TX Harlingen KIWW 96.1 still Spanish, but now Tejano, S, I [k, via satellite

TX Jasper KWYX 102.7 (moving from 102.3)/

TX Mission KVTY 105.5 Spanish, I, Tejano, now owned by KTJN 106.3 Mercedes

TX Raymondville KARU 105.7 to be g

VT Warren WDEV-FM 96.1 rm

VA Franklin WLQM-FM 101.7 k

WA Tacoma KMTT-FM 103.7 pj, five hours of jazz Sunday nites, still "The Mountain" (strict)

WI Milwaukee WLUM 102.1 sr

WI Portage WDDC 100.1 k

WI Verona WMMM-FM 105.5 p, "modern rock"

PR Bayamon WLDI 94.7 o, "Oldies 94.7"

PR Maricao WAEL-FM 96.1 Spanish, latin (from English)

BC Victoria CKKQ 100.3 p, "no more Sunday jazz," still "100.3 The Q" (strict)

ON Hamilton CFMU 93.3 pj [(strict)

ON Smiths Falls CFMO 101.1 rm, "FM 101"/

PQ St-Jean-sur-Richelieu CFZZ 104.1 r, "Z-104 FM, Le Rocker sympathique"

On Air and DX Ready—Real Stations and Pirates

CA Lone Pine K292BP 106.3

CA Ukiah KQPM 105.9, back on with k. "They had been off ever since the call change."

CO Fort Collins K260AC *99.9, "The first time KGNU has been heard in the commercial band. For 15 years the station had been limited to Boulder County and not much beyond because of its relatively low signal strength (1300 watts). The station was originally licensed for more power [on 88.5] but was turned down to prevent interference to Channel 6. This extension of signal nearly doubles the number of potential listeners."

IA Fort Madison KILJ-FM 105.5 now with 24000 h,v; ("23888 watts"!). "Very noticeable improvement in Burlington, their new target... but down by the river here at work, forget it. WAAG 94.9 Galesburg IL seems to be selling more to SE Iowa accounts lately, so they're watching out for KJ. WAAG still has a better signal in extreme SE Iowa."

KY Whitesburg WXKQ 103.9, FM back after fire, but AM's start is delayed.

ME Dexter WGUY 102.1, with Class B facilities

ME Portland W245- 96.9 with WKZS 99.9

Auburn, a 50-watt translator. "I can pick it up in the car about 32 km away... Any way to improve the Maine map in the Atlas?"

MI Traverse City W264AC *100.7 on reduced power; "soon to go full power."

NJ Phillipsburg "WCB-FM" 108.5, \$, announcing as 100 milliwatts, per Part 15 of FCC rules and 107.7, "but definitely on 108.5, and probably at least several watts."

NM Alamogordo KZZX 105.5, not yet having moved to 105.3

NYC Area—pirate on 108.3 heard playing Spanish/salsa in \$[tereo] Christmas Eve; reception was weak in Secaucus NJ

PA Allentown W246- *97.1, having moved from 104.9. Has an "excellent signal, obliterating WYXY 97.1 and WQHT 97.1—you'd think it was a Class A—must be high on the Fountain Hill TV/FM tower farm!"

PA Easton WODE-FM 99.9 new tower and back to 50000 h,v; 137 m oldies, \$

TX Canyon KPUR-FM 107.1, back on with/

WI Ashland WJHH 96.7 now on with 50000 h,v; 79 m

A Minneapolis-area reporter heard FM skip to

NJ, NY and OH while a ME reader picked up southern MN stations 11 p.m. to midnight EST Dec. 20. Early winter skip reception on FM is fairly common at night, and it coincides with the peak summer season in the southern hemisphere.

Off Air—Or Not Yet On

- CA Red Bluff KFXX 102.7 "silent pending sale"
- FL Miami WDNA *88.9 still off; local folks pick up WQCS Fort Pierce on that frequency; WDNA applies for a new tower site.
- MI Lakeview WRIZ 106.3. "The State Police at the Lakeview Post are investigating the owner(s) and expect to soon file charges in Montcalm County." Remove \$, format information for that station.
- MN Minneapolis WCTS *100.3, having moved to AM 1030. New owner of 100.3, new call letters yet to debut. I'm getting WRHN Rhinelander WI and KLYF Des Moines with WCTS gone.
- OH Lancaster WFCO *90.9 "has discontinued operation." Remove \$, format data.
- OK Perry KJFK 105.1
- OK Spencer KROU *105.7, to use Channel 43 tower near OKC. "Was supposed to come on in mid-January, relaying KGOU *106.3 Norman, but not heard yet, including one day when tropo was up and I could get KGOU itself."
- OR Corvallis K264- *100.7, but "almost ready to go on the air."

Deletions

- AK Cantwell K216BZ *91.1
- AK Denali National Park K215BM *90.9
- AK Tok K216CA *91.1
- AR Fayetteville K249CE 97.7
- AR Waldron K280CA 103.9
- CA Borrego Springs K232CC 94.3
- CA Bieber K220CJ *91.9, after State of OR protested
- CA Burney K220CW *91.9, after OR protested
- CA Garberville K280CR *103.9 (see "New," above)
- CA Susanville K247BW 99.3
- CA Walnut Creek KCEQ *100.5
- FL Lady Lake W257AD 99.3
- NH Keene W211- *90.1 (see "New," above)
- NY Binghamton WUCI *91.5 (see "New," above)
- OK Hennessey K292DX *106.3, "thank God"
- OK Ponca City K269BF 101.7
- OK Seminole K215BJ *90.9
- OR Cottage Grove K206AL *89.1. Apparently KQFE *88.9 Springfield is coming in so well that it has forced K206AL to quit.
- PA Erie W25AB 98.3
- WA Bellevue K281AA 104.1; this deletion may be related to the new CP for KMIH *104.5 Mercer Island
- WI Janesville W238AC *95.5
- WI Spooner WXMG 106.3
- "Just got Henry Studebaker's new guide. Can't travel without it" [the Country Music Radio Atlas].
- "Thanks for continuing on."

SCServices, 67, 92 kHz

Symbols are as in the "FM Atlas"

- CA Los Angeles KBIG 104.3 tG, 92, Mormon, and "sometimes carries the news from Channel 5 in Salt Lake City"; retains tX, 67
- IL Chicago WNUA 95.5 still tE, 92, Italian, run by a Mr. Liberati. "Signal is not the greatest." Several Chicago stations have data, but none related to the Chicago Board of Trade, as a reporter found out. The computer data SCA—"I use it to put me to sleep if I play it low." The SCS of WWBZ 103.5 "sounds like a distant snow blower running amidst a waterfall... I really like the SCA radio [Gran Prix C830] that I got last summer—it's wonderful."
- IL Skokie WTMX 101.9 tG, 9 (not tM), LDS,

- with Channel 5 Salt Lake City at times; retains tX, 67
- KY Whitesburg WMMT *88.1 still tB, 67. "The folks at WMMT are really enjoying the BBC on 67 kHz using the G-Es."
- MI Birmingham WCSX 94.7 tC, 67, relay of WHND AM 560 Monroe MI. "I can get WHND much better on the SCS, especially at night, except for all the crosstalk from the main channel."
- MI Ishpeming WJPD 92.3 tS, 92. "We were relaying WDMJ (AM) to WJPD (AM), now WIAN (AM), using the 92 kHz on WJPD. It's been replaced by STL, but still used for remote pickup relays to the studio or return to the remotes. We can also monitor remotes during setup without direct studio contact."
- MN Brainerd KLIZ-FM 107.5 tC, 92, relay of KLIZ AM 1380, in conjunction with FM Atlas Publishing for testing of 92 kHz SCS devices (had been tU, 92, but will keep KLIZ AM programming on indefinitely); retains tM, 67.
- MN Mankato KYSM-FM 103.5 tR, 92 (retains tM, 67), now "(New) Country 103 FM" (strict), from "FM 103"
- MN Northfield WCAL *89.3 tE, 67, Iranian, Russian and Chinese; Ali Haghghi in Eden Prairie is leasing the SCS at \$900/month and hoping to sell advertising. The ad rep of the Russian newspaper, "Zerkalo" (mirror), Alex Serov, is doing Sunday 2-6 p.m. and Tuesday, Thursday and Sunday 7-8 p.m. Hmong is on 6 a.m. to 8 a.m.; Islam 6-7 p.m.; the head of the Fridley Mosque does the show; he is a business professor at Augsburg College. "Interesting that they have hired me. It's a Lutheran College and I am a Moslem." This issue of FMedial is partly delayed by my visiting Ali and consulting about receivers. Chinese music is playing afternoons, using an auto-reverse cassette and CD players. Receivers are being lent out to Chinese restaurants, hoping that the Chinese community will support the new station, which has no call letters or name on its office door.
- MN Owatonna KRFO-FM 104.9 tX, S, tone on 67; sports and special events on 92.
- MN Walker KLLZ-FM 99.1 tC, 92 (from tS), retains tM, 67 (with KLIZ-FM 107.5 Brainerd)
- NY New York WKCR *89.9 tE, 92 (from tM), all oriental music (most likely Chinese), the same large batch of songs over and over. "I wanted to know what language it is so I called and asked for the engineering department, but was told they don't have one; they do have a couple of engineers but 'they don't come in regularly'. The second time I called an announcer told me 'We play jazz and classical, not oriental, and we're on 89.9. I don't know what a 92 subcarrier is'. I'll have to wait 'til they start actual broadcasting to find out what it is." In-Touch still on 67. Music on 92 is "mostly soft rock, with a bit of harder rock and some songs done by little kids. This has excellent sound here in Queens; can't say the same for the crosstalky, often muddy-sounding In-Touch Networks on their 67." [In-Touch has since called me and I told them about the poor quality of their signal, as reported by this person.]
- NYC—"I was thinking, maybe hotels in NYC and at JFK airport could have SCA radios available for their foreign guests. The main problem would be how to keep them from being stolen; they'd have to chain them to the furniture or something similar."
- WI Fort Atkinson WSJY 107.3 tS, 92, remote pickup relay to the studio.
- AUSTRALIA—Radio Mindanao Network plans to come on the air here, and also to start an SCStation in Rome, Italy. If so, this would be the first known non-data use of SCS in Europe.
- Thanks to Doug Faunt and to a Tom, apparently at Ohio State University, for mentions on a computer bulletin board, ARRNET, read in Australia: "Bruce Elving is the owner and he

is VERY helpful. I have bought products from his company which work fine. One in particular is the G.E. Superadio modified to include one or both subcarriers. Write them. You'll be happy. Tom."

Regarding the \$26 SCS radios imported from China, a CA electronics person said, "They're really crappy radios—so cheap it's worse than a \$12 dime store radio with an adapter. Other SCA radios are much clearer."

NonIDs, Not Just Slogans

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

- AZ Safford KXKQ 94.1 Kat
- AZ Willcox KWXC 98.3 City FM, returns to air
- FL Palm Beach WRMF 97.9 uses calls, not "Smile 97.9 FM"
- LA Shreveport KMJJ uses calls, now "Mo' Jamz KMJJ," and sheds "Magic 100"
- MI Zeeland WGNB *89.3 FM-89
- MN Pine City WCMP-FM 92.1 92 Country
- NJ Belvidere WRNJ-FM 107.1 Country 107 (strict) and partial simulcast with WRNJ AM in morning drive. Identifies with Washington-Hackettstown-Phillipsburg. "Good signal in the Poconos, poor signal in Easton/Phillipsburg and most of the Lehigh Valley, fighting WKDN *106.9 and WZVU 107.1 all the way—truly a 'shoehorned' allocation!"
- OH Hamilton WZRZ 96.5 Y-96 (from "The River")
- OH Johnstown WRZR 103.1 Z-Rock
- OH Marysville WWHT 105.7 Hot 105
- PA Berwick WKAB 103.5 B-103.5 (from "B-103") ["FM 92"]
- PA California WVQC *91.9 Power 92 (from/PA Emporium WQKY 99.3 Y-99 (from "99-Q"), simulcasting WLEM AM, along with some "WLEM" jingles ["Q-106-3"]
- PA Huntington WQHG 106.3 106-3 (from/TX Bay City KMKS 102.5 K 102.5 The Bridge (from "K 102.5"), "for bridging the gap between Houston and Corpus Christi"
- TX Carthage KGAS-FM 104.3 K-Gas 104.3
- TX McKinney KRVA-FM 106.9 Latin 107
- TX Prairie View KPVV *91.3 Original 91.3
- TX Sulphur Springs KYXS 95.9 FM 95.9
- PR San Juan WCAD 105.7 Alfa Rock

Multi-City IDs In Use

- MN Lakeville KZPZ 105.1 with Apple Valley-Minneapolis-St. Paul, but still "on air for equipment testing purposes only"
- PA Bloomsburg WHLM 106.5 with Berwick and varied third city, "The New Mix 106.5"
- WA Seattle KXRK 96.5 with Tacoma

AM Happenings Most Likely Caused by FM

- AR Lowell KK'P 1440 silent
- CA San Jose KEEN 1370 evicted from site, looking for a new transmitter location
- ME Caribou WFST 600 silent
- ME Machias WMCS 1400 (along with WALZ 95.3) off the air
- MD Pocomoke City WDMV 540 silent, but plans to move to Brinlow MD, closer to Washington DC
- MA Boston WEEI 590 has finally given boot to Andy Moes, but g.m. Gerry Walsh would not comment on specifics. Moes is looking for "new opportunities" (November, p. 4, cols. 2 and 3). "I spent the last year making my professional life a shambles," he said. "Now I'd like to spend some time doing the same thing to my personal life." Arbitron shows WEEI having fewer listeners lately than when its all-sports programming started 18 months ago.
- MI Reed City WDEE 1500 silent
- MN Maplewood WCTS *1030, having moved from 100.3 FM Jan. 30. "Sorry we are moving from FM. We'll miss it," said a receptionist when called early in January. "Ham's Music of Your Life moved to WRPX 740 Hudson WI. At least WMIN was 50 kw days; WRPX must be 5-10 kw at most. Another famous FM call gone?" [WRPX is 500 watts directional daytime only.]

MOCamdendon KFEX 1520 dismissed extension of time. "The station was new in 1986 and has never been on the air."

OK Pawhuska KXVQ 1500 "silent due to fire"
 OK Perry KRAD 1020 silent
 PA Bellefonte WBLF 970 to simulcast WRSC 1390 State College PA once the WBLF/WIYQ [Ebensburg] sale is approved
 PA Easton WODE 1230 now on at diminished power of 250 w, and getting "clobbered by the nighttime graveyard-channel interference" at less than 2 km from their transmitter. "Still simulcasting FM 99.9, so one wonders, why even bother with the AM?"

PA Lewisburg WTGC 1010 has given up separate programming and now simulcasting WUNS 96.3 FM.

PA Olyphant WWAX 750 "silent pending sale"
 TX Cleveland KLEV 1410 silent
 TX Mineola KMOO 1510 "silent pending sale"
 VT Burlington WDOT 1390 had been silent; now talk

WI and MI stations owned by Goetz broadcasting: "All our AMs are prospering. Programming is local news, sports and information-oriented. Our news departments are very important. All other programming is from satellite and any music is CD. We don't have many working turntables."

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 Valley 95.3A for 98.1A, WUAF, with Hogansville GA [with Hogansville]
 GA Greenville 95.7C3 for A, WEJG/
 GA Hogansville 98.1C3 for 97.5A, WEIZ counterproposal

ID Ketchum 104.7C for A, KRMR, Mar. 1, 16
 KS Silver Lake 99.3A New Horizons' counterproposal [counterproposal]

LA Gibsland 95.7A, Bienville Parish Bcstg/
 MN Starbuck 97.3C2, Mar. 15, 30
 MO Cuba 107.3C3 for 102.1A, KXIY counterproposal [counterproposal]

MO Dixon 96.5A Central MO Bcstg/
 MO Gerald 107.3A Tony Knipp counterproposal
 MO Leasburg 107.3A counterproposal by Jeff Weinhaus

NM Central 95.3C1 for C2, KZTT, Mar. 5, 22
 ND Walhalla 106.7C2, Mar. 5, 22
 PA Oliver 94.9B1 for A, WXAK, Mar. 5, 22
 TX Henderson 99.9C3 for 100.1A, KGRI-FM, Mar. 1, 16

WI Iron River James V. Lien asks for 107.3C2, Mar. 4, 19, site to be 12.3 km E.

WI Sheboygan Falls 106.7A counterproposal by Julian Jetzer

FM Rulemakings Finalized

Dates are when FCC filing windows are open

FL Crestview 104.7C1 for C2, WAAZ
 FL Stock Island denied S-3 Communications Corp. its 97.5A bid
 GA Brunswick denied bid of WBGA to move 102.5C1 from Waycross

IA Grundy Center 97.7C3 for A, KGCI
 KS Clearwater 98.7C2 for A, KSQB
 LA Larose 100.3C1 for A, KLRZ
 MD Snow Hill dismissed S.H. Community Broadcasting's 92.5A bid

MA Dennis Port denied Joan Orr's bid to add 93.9A, "and dismissed a joint counterproposal filed by Orr and Marshfield Broadcasting Co. to allot 94.3A to Dennis or Dennis Port, and 93.9A to Provincetown."

MN Moose Lake 107.1C3 channel assigned at

request of Agate Broadcasting of MN, Feb. 26-Mar. 29

MN Preston 103.1C3 for A, KFIL-FM
 MS Lumberton 95.3C1 for C2, WLUN
 MO Canton 100.9C3 for 102.3C3, KBXB
 MO Louisiana 102.1C for A, KJFM
 MO Tarkio KTRX 93.5C3 for A
 NY Copenhagen 106.7C3 for A, WWLF
 NY Mexico 103.9A, Mar. 9-May 8
 OR Canyon City 94.5A, Mar. 1-31

VA Crozet denied Commonwealth Audio Visual Enterprises' bid to add *103.5A for 93.9A

and changing the channel to noncommercial
 WI Reedsburg 102.9A, Feb. 26-Mar. 29
 WI Rudolph 99.9C3 for A, WIZD

FCC Sets Times When Indecency May be Aired

Actually the Commission established times when indecency may not be aired, but turning it around, if you're a broadcaster wanting to shelter or schedule Howard Stern or others you'd best place that type of programming on from midnight to 6 a.m. If a public station goes off the air at midnight or earlier, it can schedule indecent material after 10 p.m. [The FCC does not say what a commercial station can do if it signs off by midnight, as many, especially in small towns, do.] And the FCC quickly reminds: "Obscene broadcasts are prohibited at all times." Watch for the rule to be challenged in court, but probably not by the NAB. The NAB knows its members are divided on such matters as Howard Stern, and it wants to keep a "low profile" on the issue. Stern, meanwhile, made a fool of himself when he blasted L.A. rival KLAX 97.9 for being number one in Arbitron, saying many diaries improperly credited KLAX with the listening instead of the station carrying Stern, KLSX 97.1. However, after a diary audit, KLSX admitted that Stern was wrong and that KLAX indeed had jumped from 21st to first place in just four months. No, millions of Los Angeles people did not suddenly learn Spanish; KLAX had changed call letters and modified its music to earn itself the top spot among those 12 and over.

FCC Slaps Turro by Refusing Upgrade; Allows WRRH Ownership Transfer

If you look at your "FM Atlas" at north New Jersey, you'll see a small listing for Franklin Lakes, *88.7 WRRH, "off the air." WRRH has been owned by Ramapo Indian Regional High School District, and I can remember a student at Syracuse University, while I was there in the 1960s, saying she was studying there because of having been involved at WRRH during high school. Apparently, Gerry Turro, owner of FM translator W276AQ 103.1 Fort Lee NJ, which gets into New York city, has been eyeing this Class D station for some time, and he tried to get its facilities improved to a Class A. By using WRRH as the primary for W276AQ—Turro would have found a round-about way of doing

program origination on a translator. The FCC has just dismissed WRRH's bid to grow up and become a Class A, saying it would have created forbidden overlap of its signal with those of second-adjacent WFDU *89.1 Teaneck NJ and WBGO *88.3 Newark. Interestingly, the FCC did grant the application of transfer of WRRH ownership to Bergen County Community Broadcast Foundation. The address of this new "foundation," according to the FCC "Public Notice" of Jan. 7, 1993, is 687 Orchard Street, Oradell NJ 07649—Turro's home.

Turro apparently has fixated on 88.7, for as you can see above, "Facilities Changes," his W232AL 94.3 Pomona NY is now relaying WNWK *88.7 Nyack NY. Wish him luck in picking up the 10-watt WRRH signal at Fort Lee! Perhaps WRRH will become portable and move closer.

Small Print Happenings and FM Industry News

DAB further delayed. The Electronics Industries Association has pushed back to July 1 the timetable for submitting hardware to be tested. Previously, the deadline was April 15 with actual testing to get underway by July 1. To date, four of five system proponents have presented their system descriptions. And a new company has surfaced, Seattle-based Digital Satellite Broadcasting Corp., which would provide up to 500 digital channels, some national and some regional. According to the company, "Large sections of the country have very limited radio services today. Our system will give people a wide range of CD-quality programming wherever they go, and make travel simpler, safer and more enjoyable." It's expected terrestrial radio interests, such as the National Association of Broadcasters, will oppose this proposal.

The NAB announced, at the recent 1993 Winter Consumer Electronics Show in Las Vegas, its approval of the 57 kHz SCS Radio Broadcast Data Services (RBDS). Cost to the average FM station expected to be \$2,500 minimum to buy equipment to encode such things as format tuning, call/slogan identifier, traffic alerting and paging. "It should be the biggest thing to come along in years for consumer electronics," said Philip Roberson, Denon product manager for RBDS. "It's really easy for the consumer to understand. I think these radios will be ubiquitous in a few years."

Motorola announced an AMAX chip to providemanufacturers a low-cost way to produce AM stereo radios, with the noise-blanking circuitry now found in several Delco radios and one Denon tuner.

Proposed changes in the TV rules might result in more information for the hearing-impaired or data devotees on line 21, field 2, as well as better pictures with the optional use of line 19 for a ghost-cancelling reference signal. The FCC said that TV manufacturers are designing sets to comply with the closed-captioning circuitry mandated by the 1990 Act, and if the new proposals can be implemented soon there will be no disruption to the process.

The FCC has upheld a \$4000 fine against WXLO 104.5 Fitchburg MA for broadcasting a telephone conversation without permission. The station had argued for the fine to be reduced to \$2000, saying an FCC Policy Statement was not in effect when the 1989 broadcast occurred. "The reference to the Policy Statement was merely for guidance in determining the amount to assess. The Commission was not legally required to issue a Policy Statement prior to assessing increased forfeiture amounts," the FCC maintained. The NABoard is asking the FCC to relax the prior notification rules on taping of phone calls. The NABoard has also gone on

record opposing the FCC's current forfeiture rules. WBAW-FM 99.1 and AM Barnwell SC also fined for unannounced telephone taping—a total of \$5,000.

KBZE 105.9 Berwick LA fined \$4,500, KMBH *88.9 Harlingen TX fined \$6,400, and KAHR 96.7 Poplar Bluff MO fined \$9,300 by the FCC for violations related to tower lighting and/or painting.

Playing the oral sex rap song, *Yodel in the Valley*, netted a \$23,750 fine against WSUC *90.5 Cortland NY. Mused the *M Street Journal*, "unless you count 'The Candy Rapper,' it's the first time that an actual rap has been the target of an FCC action." Song was on in mid-afternoon, "when there was a reasonable risk that children may have been in the audience, it is legally actionable," said the FCC. The "base amount for an indecency violation is \$12,500. The Commission believed the egregious nature of the material exacerbated the violation." The FCC upheld a \$25,000 fine against KMEL 106.1 San Francisco for broadcast of indecent material during the 2-6 p.m. weekday "Rick Chase Show." The National Federation of Community Broadcasters newsletter had a warning that the FCC is expanding its on-site inspections. "An NFCB station was visited by the FCC recently and cited because the EBS tests were not logged."

In other fine news, a slot machine tournament commercial cost KWAZ 97.9 Needles and its AM \$12,500. KMZQ 100.5 Henderson NV was hit with \$12,500 for gambling spots, and WJZZ 105.9 Detroit \$6,250 for not conducting a "count-the-song" contest as it had advertised. WBHL *91.3 Florence AL hit with a \$5,000 fine for playing announcements that promote the sale of goods and services. Another non-comm station hit with a \$5,000 fine was KRTM *88.9 Temecula CA "for violating the Commission's rules prohibiting noncommercial stations from broadcasting announcements that promote the sale of goods and services." Failure to comply with EEO rules fetched WGUL-FM 105.5 and AM New Port Richey FL a \$15,000 fine. The FCC pointed out that the stations failed to implement a formal EEO program except for the last five months of its license term. They also failed to interview or hire any minorities for 14 openings during that term, but had hired a part-time Hispanic announcer and had just promoted him to fulltime.

Biggest fine-earner of the month: T. Kent Atkins, \$250,000. He controls six TX and LA stations. The FCC has designated for hearing the license renewals or license applications of KLMN *89.1 and KRGN 103.1 both Amarillo, KENT-FM *90.5 Odessa (and its AM), KAMY *90.1 Lubbock, KBTT *90.5 Bridgeport, all TX; and KOJO *91.7 Lake Charles LA. Atkins controls several of those stations under the Caprock Educational Media Foundation, and they have a Christian format. An FCC investigation revealed that he concealed facts and knowingly submitted false documents in the construction and operation of the stations. Besides the fine, there's a chance the FCC will not renew the license applications of the stations.

The \$600,000 fine levied against Infinity Broadcasting (January, p. 5) was justified by the FCC as "the measured and appropriate response to Infinity's apparent misconduct. [The FCC is] seriously concerned that Infinity's pattern of apparent misconduct may reflect an ongoing indifference to the requirements of federal law governing indecent broadcasting," and the FCC threatened that "any new facts discovered in connection with existing complaints or pending enforcement proceedings or any future violations will result in further enforcement action, which may include forfeiture proceedings, short-term renewal or license revocations."

The eight-year battle over WNWK 105.9 Newark appears to be over, with Arthur Liu's Multicultural Broadcasting taking over from interim operator Global Broadcasting Group. Liu, long on the SCS airwaves with Chinese, is

operating this station with multiple nationalities, including two ethnic SCSes. The Committee to



Multicultural
Broadcasting
Inc.



ARTHUR LIU
President
General Manager

449 Broadway
New York, NY 10013
(212) 966-1059

Preserve Multi-Ethnic and Multi-Lingual Programming and the Committee for Jersey City Radio asked the FCC for reconsideration of its action. "The Commission denied these petitions, finding nothing in them to warrant changing its original decision."

It happens very rarely, but the FCC death knell hit WYLR 95.9 Glens Falls NY, which failed to get its license renewed because of misrepresenting various aspects of its operation to the Commission. The license was awarded to Lawrence N. Brandt, who had filed a competing application.

The FCC has proposed modifying license renewal application forms so that licensees can note whether the stations are actually on the air or not. Licensees have to notify the FCC when a station is not on the air 30 days or longer, and "must turn in their licenses to the FCC when discontinuance is permanent." These regulations have not always been followed, and the FCC has become aware of stations that have discontinued operation without notifying it. By asking on Form 303-S, the Commission hopes to be able to track the status of such stations. I recently sent an informal objection to the FCC's renewing of the licenses of two FM translators known to be off the air—K244AU 96.7 Two Harbors and K244CZ 96.7 Pierz, both MN.

Last month (p. 6) I revisited Thomas Root, the "FM radio con," and I tried to find out which prison he is spending his 15-year sentence in. He's not at the Federal Prison Camp in Hermantown MN, and scanning their records they could not tell me which facility he might be in, not knowing his middle name and Social Security Number. Jerry Kautz is in the MN prison, and we have made contact by letter. He's holed up because of fraud involving selling FM transmitters and not delivering them.

Duopoly news: WRMM-FM 101.3 Rochester NY and AM were to have been paired with WPMY-FM 97.9 and AM, but instead will go with WCMF 96.5. KHFI 96.7 Georgetown-Austin TX is to be paired with KPEZ 102.3. WFMS 95.5 Indianapolis plans to take over a baby FM station when it is born—WGGR 106.7 Greenwood IN. No indication what the format of WGGR will be when it debuts this spring. WFLY 92.3 and WPTR AM in the Albany NY market will be paired with WROW-FM 95.5 and AM, pending FCC approval. Each pair of stations has 35 employees; no word as to whether or not the combined work-force of 70 would be maintained.

Ministry-minded WCSG *91.3 Grand Rapids MI walked away with \$411,000 in pledges in a three-day drive. The fund-drive helped the station complete a \$310,000 renovation project. The excess amount will enable WCSG to buy digital equipment for a new studio, and probably part of it is being ploughed into the Children's Sunshine Network, which goes out on satellite to many stations' SCSes. A correspondent writes from the area: "Public FMs have trouble raising ¼ that amount in 10-day drives!"

The Americans with Disabilities Act (ADA) will affect many broadcasters, especially those

with 15 or more employees. However, Richard E. Wiley, former FCC chairman, pointed out that certain religious broadcasters may be exempt. A religious "corporation, association, educational institution or society" may give a job preference to members of its own faith even if such a preference would result in discrimination against a disabled person.

WQMG 97.1 Greensboro NC is a short-spaced station wanting to change its transmitter location, but the FCC nixed the application, saying that it would place an excessive amount of power in violation of the FCC rules. The short-spacing is most likely to the SW—to WKTC 96.9 Statesville-Charlotte.

Stanley E. Hubbard, 95, founder of KSTP-TV St. Paul and other Hubbard broadcasting stations, dies. He was an "eccentric" who saw the benefit in TV early on, and pioneered KSTP-FM 102.1, which was to fold in 1952 (last month, p. 6, bottom of the page). KSTP-FM came back on the air on 94.5 in 1966. "He was a strong, tough businessman, but he was a helluva nice guy—and a totally different person when he was away from a business setting," said George Carlson, transmitter supervisor. His son, Stanley S. Hubbard, continues the tradition, trying now to get up and running USSB—United States Satellite Broadcasting, with direct-to-home reception.

"Beyond 2000: New Frontiers in Communication" is the theme of the National Association of College Broadcasters at Columbia College, Chicago, Feb. 26 and 27. Registration is a reasonable \$30 per person and for more information call the NACB hotline, (312) 663-1600, Ext. 185. Columbia College is at 600 S. Michigan Ave., Chicago IL 60605-1996.

The "M Street" database showed there were 577 AM-FM station call letter changes in 1992 vs. 534 in 1991. There were fewer format changes this year than '91—991 vs. 1018. There were 69 frequency changes this past year, three fewer than in 1991; 13 stations changed their city of license—the same as last year. In 1992 there were 273 new stations, compared to 425 in 1991.

From the FCC as of Dec. 31: AM radio 4961 licensed, FM (92-108 mhz) 4785, FM (88-92 mhz) 1588, for an FM total of 6373.

From the classifieds: Looking for a job in public radio or TV? Call the CPB Jobline, (800) 582-820 or (202) 393-1045. The NAB Jobline after 6 p.m. EST (202) 429-5498, and the NPR Jobline is (202) 822-2777. RTNDA (Radio-Television News Directors' Association) is (203) 659-6510.

Fulltime and a parttime disc jockey at KSTP-FM. Resume to Bob Davis, KSTP-FM, 3415 University Ave., St. Paul MN 55114.

Director of Information Services, KSJN *99.5, KNOW *91.1, cover letter and resume to Human Resources/INFO, MN Public Radio, 45 E. 7th St., St. Paul MN 55101.

General Electric "Superadio II" and the new "Superadio III" at \$50 plus \$4.50 shipping, FM Atlas Publishing, Box 336, Esko MN 55733-0336. We are set up for VISA and MASTERCARD; call at (218) 879-7676.

FM FORUM

CONTRIBUTIONS FROM READERS

Don Wilkerson, living in WV, recently visited his home in central IL after a long absence and he said "I can't believe how many new FM stations there are."

"Thank you, Bruce, for letting me continue with FMedia!" writes Warren Bird, a "retired FM nut! and music lover" from NC. "Will be looking forward to next year's news. Our listener-supported WCPE [*89.7 Raleigh] is going slightly ape over the 100 kw prospect by the end of the year (Christmas present maybe?). Keep the good job up!"

Not quite enough material for two more pages, so I'll sign off here. Until next month, when there should be more FM Forum, *Bruce F. Young*



The FM radio newsletter

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1993

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New FM Station, Translator Grants

Translators have less than 100 watts unless indicated otherwise

- CA Heal dsburg 95.9 850 h,v; 264 m, Deas Communications, Inc.
- CA Joshua Tree 92.1 6000 h,v; 100 m, Desert Willow Bcstrs. [Share Bcstg.]
- CA Lompoc 104.9 700 h,v; 207 m, Lion's/
- CA Patterson 97.1 3000 h,v; 100 m, J. B. Bcstg.
- FL Port St. Lucie 101.3 6000 h,v; 100 in, Hoston Bcstg.
- FL Samsula (west of New Smyrna Beach) WTKO *88.7 1000 v, 46 m, vertical only, Mims Community Radio
- GA Brunswick 104.1 6000 h,v; 78 m, CGB, Inc.
- GA Unadilla 99.9 6000 h,v; 100 m, Dallas W. Tarkenton [m, C. Radio]
- IN Clarksville (Louisville KY) 93.1 3000h,v; 100/
- IN New Washington *88.3 1000h,v; 83 m, g, Lou Smith Ministries [R. Victor Bell]
- IN Princeton WSJD 100.5 3000 h,v; 100 m,/
- MN Bemidji *91.3 60000 h,v; 297 m, nt, mono, MN Public Radio [County Bcstg.]
- MN Sleepy Eye 107.3 1130h,v; 160 m, Brown/
- MT Great Falls *90.9 100000 h,v; 145 m, g, Brightness Ministries [the Simpsons]
- PA Clarendon 106.9 4700 h,v; 113 m,/
- TN Clinton *89.9 200 v, 598 m, vertical only, Cumberland Communities Communications
- VA Lynchburg WVMC *90.9 100 h, 184 m, Liberty University
- WV Ravenswood 93.1 3300 h,v; 136 m, Osborne Enterprises, Inc.
- WI Goodman (31 km SW Iron Mountain MI) *91.3 420 v, 36 m, vertical only, Schools
- ON Orillia CFOR-FM 105.9 50000 h,v; 150 m, taking channel from CBC (see "Facilities")
- PQ Alma 95.5 50000 h,v, m format, a new company with interests in CHRL Roberval, CJMD Chibougamau and CHVD Dolbeau
- BAHAMAS Nassau ZNS-FM 104.5 5000 h,v from Channel 13 tower in the center of New Providence Island. Operations on 107.1 and 107.9 are now believed to be low-power relayers of ZNS-1 (1540 AM) Nassau.
- BARBADOS: Joining two AM stations, "CBC-TV" channel 8 and "YESS 10-4" at 104.1 are Faith FM at 102.1, Radio Liberty at 98.1 and BBS FM Stereo 98.1.
- CAYMAN ISLANDS: One FM, operated by Radio Cayman at 105.3 is on the air, with two others to follow, "likely low to moderate power," and to replace AM stations on 1205 and 1555 in July.
- SAINT LUCIA—Radio St. Lucia is on 97.3, 103.3, 107.3 and 660 AM.

Call Letters Assigned or Changed

- AL Birmingham *88.5 WLJR
- AL Muscle Shoals 102.7 W274AA
- AZ Prescott 97.1 K247AA
- AZ Wickenburg 93.7 KMEO (KFMA)
- AR Fort Smith *89.7 KYFF [air]
- AR Gurdon 92.7 KAEV (KGAP), k, \$, back on/
- CA Arroyo Grande 96.7 K244DE
- CA Big Sur *91.7 K219BD
- CA Lake Arrowhead 103.9 KAEV (KCKC-FM)
- CA Long Beach *88.1 KKJZ (KLON), "Jazz 88"
- CA Middletown 98.7 KRSH
- CA Riverside 92.7 KAKT (KCKZ), "The Cactus," duopoly with KFRG 95.1 San Bernardino
- CA San Luis Obispo *94.3 K232AA
- CA Tulare 94.9 KBOS "FM" (KBOS-FM; AM in Fresno gets new calls)
- CO Cimarron *88.1 K201BD
- CO Grand Junction 107.9 KBKL (KIOB)
- CO Lakewood 107.5 KWMX-FM (KRXY-FM), still "Mix 107.5"
- CO Pueblo 104.5 KYZX (KZKG) 107.1 KNKN (KGFT)
- FL Columbia 107.5 (from 107.9) WLGD (KA2-XXZ), d-a, commercial
- FL Niceville 100.3 WNCV, to 90 m (3000 h,v)
- FL Port St. Joe 94.5 WKNB (WJST), k, "B-94.5"
- FL Punta Gorda 92.9 WIKX (WQLM), k
- FL St. Augustine *91.9 WAYL
- GA Cleveland 101.9 WGZM (WGGA-FM); change from rock to easy listening is "permanent."
- GA Fort Valley 97.9 WVVY (WKXK)
- GA Sylvester 106.1 WWSG
- GA Waynesboro 100.9 WAGW (WYFA), commercial, format switch with below *107.1 WYFA (WAGW), noncommercial, format switch with above
- HI Hali'imaile 105.5 KPMW (KWYA)
- ID Pocatello 102.5 KMG1 (KSEI-FM), op format
- IL Oglesby 102.1 WZLC, k, parallel to WGLC-FM 100.1 Mendota IL
- IN West Lafayette *89.9 WHPL
- IA Belle Plaine 95.5 KNJS
- IA Boone 98.3 KRUI (KIAB)
- KS Belle Plaine 92.7 KOUY
- KS El Dorado 99.1 KTLI (KBUZ), "Lite 99"
- KS Topeka *90.3 KBUZ (KZKH), gr
- KY Bowling Green 96.7 WJMJ (WBZD)
- KY Central City 101.9 WQXQ (WKYA), to 204 m (100000 h,v)
- KY Glasgow 95.1 WGGC (WPRX)
- KY Hyden 92.3 WRNG (WZQQ)
- KY Winchester 100.1 WWYC (WHRS-FM), k, "Young Country," LMA with WMXL 94.5 and WLAP AM Lexington
- LA Alexandria *89.9 KOUZ
- 93.9 KFAD (KDKS-FM), rm, LMA with KICR-FM 98.7 Oakdale

LA Haughton 103.7 KDKS (KZWB), \$, sr, "Kiss," ID with Shreveport

LA Jonesboro 104.9 KTOC-FM (KTOC)

LA Rayne 106.7 KCRL (KVTO)

ME Bar Harbor 107.7 WEJS

MD Ocean City 106.9 WLGE

MD Salisbury 103.1 W276AW

MA Framingham 105.7 WCLB-FM (WVBF), k, uses calls, "The Country Club, WCLB." WCLB AM is in Camilla GA. Had been WVBF since 1971, and before that was WKOX-FM; †E, Haitian French, 92 (from †Z, retains †U, 67, telemetry). WKOX AM simulcasts, except for a local morning talk show.

MA Great Barrington *95.1 to be WAMQ (from WBBS) if sale to WAMC Albany is approved by the FCC

MA Turners Falls 93.9 WPVO

MI Ann Arbor 102.9 WIQB "FM" (WIQB-FM); AM in Saline gets new calls

MI Hillman 94.9 WKJZ (WYHE)

MI Muskegon 107.9 WKBZ-FM (WMHG), to be rt, changing with Whitehall.

MI Whitehall 95.3 WMHG (WKBZ-FM), to be s, but "Less rap, because rap is starting to die" (?). This is the second LMA in the Muskegon market, but it has been delayed ostensibly due to technical problems in adjusting satellite dishes, but most likely it's because of the outcry from the black community. Manager of WMHG Sammie Jordan (pictured) and his wife, after-noon announcer Brenda Jordan, have been let go. Stations refuse to give reasons for the firings. WMHG, still on 107.9, was "stereo-phony," a "mono feed to a multiplexed signal," but back to full stereo and using live jocks during the day (has SMN "Touch" at night). The change will benefit WKBZ-FM with a 25000 watt upgrade on 107.9. WMHG studios now co-located with WKBZ-FM. Deregulation has cut into the Muskegon market, with most stations said to be killing each other for the advertising dollar. "This is the second LMA in Muskegon. The other is between WSNX 104.5 and WMRR 101.7 (which WSNX is buying)."

MN Albert Lea *103.9 K280EB

MN Eden Prairie 105.7 KCFE (KOUO), jm, \$, new age, "Cafe," testing, expected on 3-15

MN Faribault 107.5 KCVN

MN Lakeville 105.1 WTCX (KZPZ), rm, \$, legal ID heard between :50-:55 and "lots of singing '105 WTCX' jingles"



MN Minneapolis 100.3 no call letters (WCTS now on AM), and off the air
 MS Meridian 105.5 W288BD
 MS Woodville 107.7 WLGG
 MO Gallatin 101.7 KGOZ
 MO Joplin 102.5 WMBH-FM (KKUZ), k, no SCS (had FM, R)
 MO Lexington 107.3 KISF (KXXR), "Kiss 107"
 MO Overland *90.1 KRHS (KRSH)
 MO Pleasant Hope 95.5 KZBE
 MO Ste. Genevieve 105.7 KPNT (KFXB), p, "The Point"
 MT Butte 92.7 KAAR (KJLF)
 NE Sargent 92.1 KNJP
 NV Las Vegas 97.1 KXPT (KYRK), r, "The Point," co-owned with KOMP 92.3-KENO AM
 98.5 KLUC"-FM" (KLUC-FM; AM in North Las Vegas gets new calls)
 NH Hanover 106.7 W294AB
 NH Keene *90.7 WLGU, has directional antenna, with nulls at 90, 60 degrees
 NH Manchester *90.7 WLGJ (WLMW), d-a, null at 0 degrees
 NJ Avalon 94.3 WWOC (back to, from WXNJ)
 NJ Franklin Lakes *88.7 WJUX (WRRH), m, \$. Yes, it's stereo, and look below, dear reader, for what I predicted: Gerry Turro's translator in Fort Lee NJ has switched primary to WJUX, "Jukebox Radio," and "serving Bergen County from Franklin Lakes to Fort Lee." WJUX, back on the air after a years'-long hiatus, is emulating the WNEW (AM 1130) format of big bands, 1940s nostalgic pop, and on the air every day to about 5 p.m., "conducting equipment tests."
 NM Eunice 100.9 KNJT
 NM Raton *90.9 KNJU
 NY Bay Shore 103.1 WBZO (WBSI), o, "B-103" (strict) Stereo. It came on with the WBSI calls, but was forced to say on the hour "Not to be confused with WBLI-FM." Studios are at 1265 Sunrise Highway, Bay Shore NY 11706. Not owned by "bozos," as the calls might imply, it's one of the few all-women-owned stations. Has a "very marginal signal in Manhattan," but enough of a signal to impair NYC reception of Turro's W276AQ Fort Lee. "The big question: How will Turro fund his stations if they are noncommercial?"
 NY Catskill 107.1 W296AT
 NY Chateaugay 94.7 WYUL (WEEP)
 NY Fulton 104.7 WKFM (WEQL), k, LMA with WYYY 94.5 and WSYR AM Syracuse, leading to a sale
 NY Geneva 101.7 WFLK (WECQ)
 NY Jamestown *88.1 WLJW
 NY Pattersonville *90.7 WLGZ
 NY Webster 102.7 WDCZ (WFUL), g, partial simulcast with co-owned WDCX 99.5 Buffalo (instead of with WNYR 98.5 Waterloo NY)
 NC Burgaw 99.9 WKXB (WVBS-FM)
 NC Carolina Beach 106.7 WLGX
 NC Hazelwood *95.3 W237AR
 NC Morganton 92.1 WMNC-FM (WQXX)
 NC Semora 106.7 WQVA
 OH Gallipolis 101.5 WMGG (WGTR)
 OH Hamilton 96.5 WYGY (WZRZ), still "Y-96"
 OK Miami *91.9 K220CZ
 OK Perry 105.1 KASR-FM (KJFK)

Bergen County NJ Gets Turro Outlet(s)

OK Sallisaw 95.9 KKUZ"-FM" (KKID-FM), still k (had been silent)
 OR Florence *90.1 K211BP
 104.7 KDUK-FM (KLCX), r, taking KSND (93.1 Springfield's) old top 40 format
 OR Halfway *91.3 K217BO
 OR Portland 101.9 KINK-FM (KINK). KGW 620 AM now KINK, now simulcasting the FM. "Oregon's oldest existing call letters will continue as KGW (TV-8)."
 OR Roseburg *91.9 K220DQ
 OR Springfield 93.1 KKNU (KSND), "New Country 93"
 PA Avis 99.9 WDKK (WHUM), "Duck 100," k
 PA Bellwood 95.9 W240AC
 PA Clarks Summit *88.9 W205AG
 PA Freeland *89.3 W207AG
 PA Murrysville *88.1 WLGW
 PA Lancaster *99.7 W259AA
 PA Nanticoke *89.5 W208AF
 PA New Kensington 100.7 WQKB (not WTKB, which is on 93.7 in Atwood TN), "The Bear"
 PA Pittsburgh 101.5 WORD-FM (WPIT-FM), g, AM is in Spartanburg SC
 PA South Waverly 96.1 WLKG
 PA Williamsport *89.3 W207AA
 SC Clearwater 98.3 WSLT (WCNA)
 SC Port Royal 99.7 WNCK (WHTK), k
 SC South Congaree 95.3 WFMV
 SC Summerton 98.3 WLJI
 TN Bolivar 94.7 WOJG (WYDB)
 TN Colonial Heights 105.9 WLJQ
 TN Germantown 94.1 (moving from 94.3) WOGY (WODZ-FM), k, "Froggy 94"
 TN Trenton 97.5 WWEZ (WLOT), mr, "Easy"
 TN Union City 105.7 WLJJ
 TX Bridgeport 96.7 KBCC (KWCS)
 TX Gilmer 95.3 KFRO-FM (KLSQ), AM is in Longview
 TX Houston 104.1 KRBE"-FM" (KRBE-FM; AM gets new calls)
 TX Mirando City 100.5 KBDR (KZZQ)
 TX Mission 105.5 KTJX (KVTY)
 UT Salt Lake City 98.7 KVRI (KCPX), "Variety 98.7"
 UT Vernal *90.7 K214AV
 VA Charlottesville 107.5 WLJL
 WA Moses Lake *89.5 K208RY
 WA Royal City 96.3 KNJV (KQVN)
 WA Spokane 104.7 KEEH (KAAR)
 WA Twisp 106.3 KVLR (KDTP)
 WV New Martinsville 103.9 WNMR (WATQ)
 WI Brookfield 106.9 WLJU (WRIT)
 WI La Crosse 106.3 WLJO
 WY Lander *89.5 K208AC
 ON Oshawa 94.9 CKGE (CKQT), r, "The Edge"
 TA Matamoros 105.9 no calls; XHNE calls are in Campeche CE, 101.1

Facilities Changes Granted
 AZ Ehrenberg (from Blythe CA) K220DR *91.9
 AZ Parker KMDX 99.3 10000 h,v; 287 m
 AR Benton KGKO-FM 106.7 16000 h,v; 264 m
 CA Auberry KSLK 105.1 560 h,v; 600 m
 CA Central Valley K215BF *90.9 (from K216-91.1) (m), B1
 CA Fort Bragg KOZT 95.3 13000 h,v (140/CO Leadville K228AG 93.5 (from K232-94.3)
 CO Pueblo KCCY 96.9 (moving to, from 97.9) 354 m (100000 h,v)
 FL Beverly Hills WXOF 97.1 5100 h,v (108 m)
 FL Micapony WRRX 97.7 151 m (2600 h,v)
 FL Niceville WNCV 100.3 90 m (3000 h,v)

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GA Nashville WJYF 95.3 9700 h,v; 159 m, C3
 GA Reidsville WRBX 104.1 5000 h,v; 57 m, g
 HI Pukalani KMVI-FM 98.3 50000 h,v; 31 m
 ID Sandpoint KPND 95.3 9800 h,v; 722 m
 ID Sun Valley KWRV *91.9 70 h,v; 570 m, C3
 IL Naperville WONC *89.1 1500 h,v; 50 m, adds vertical
 IL Taylorville WTJY 92.7 147 m (2600 h,v), B1
 IN Noblesville WXTZ 93.9 2800 h,v; 150 m
 KY Barbourville WYWF-FM 96.1 3000 h,v (91 m), A [h,v; 161 m
 KY Flemingsburg WFLE-FM 106.3 1200/
 KY Harlan WTUK 105.1 440 h,v (315 m)
 ME Bar Harbor WLKE 99.1 non d-a
 ME Kennebunkport WXPT 104.7 3200 h,v; 92 m
 MI Muskegon WSNX 104.5 50000 h,v; 110 m
 MI Newberry WUPQ *97.9 now noncommercial, to relay WNMU *90.1 Marquette. The mental hospital there closed, with the loss of many jobs. This leaves one commercial FM station in Newberry. (m), C3
 MN Cloquet WKLK-FM 96.5 25000 h,v (96/
 MN North Mankato KDOG 96.7 6300 h,v; 198 m
 MS Artesia-Columbus WJWF-FM 99.9 (from 100.1) 47300 h,v; 154 m, C2
 MS Columbus WKIR 94.9 50000 h,v (150 m), granted extension of time to build
 MS Grenada WQXB 100.1 21800 h,v; 226 m, C2
 MS Natchez WTRC-FM 97.3 1450 h,v; 209 m
 MO New Madrid (move from Portageville) KMIS-FM 106.5 (from 106.3) 50000 h,v; 141 m, C2 (m), C3
 NE Superior KRFS-FM 103.9 8900 h,v (67/
 NV Las Vegas KRBO 105.1 11 m (50000 h,v)
 NH Dover WDKQ 97.5 directional antenna (d-a)
 NH Peterborough WNHQ 92.1 180 h,v; 406 m
 NJ Fort Lee W276AQ 103.1 now has WJUX *88.7 Franklin Lakes (from WNEW 102.7 New York). Primary is noncommercial, but might Turro try to sell ads on the translator alone?
 NM Bosque Farms (from Socorro) KMXQ 104.7, to locate to an Albuquerque suburb
 NY Alexandria Bay (from Clayton) W217AE *91.3 (from W217AK)
 NY Saranac Lake WDGE 106.3 (from 101.7) 5100 h,v; 120 m, C3 [(100000 h,v)
 NC Chapel Hill WUNC *91.5 406 m, d-a/
 NC Charlotte WYHC (experimental) 98.9 (from 92.7) 81 v, 41 m (m), C3
 NC Topsail Beach WZXS 103.9 21500 h,v (100/
 NC Wallace WZKB 94.3 3300 h,v (90 m)
 OH Cleveland WMJ1 105.7 16000 h,v; 344 m, transmitter Parma OH [Class A
 OH Maumee WYSZ *89.3 2500 h,v; 93 m, d-a, /
 OH Oak Harbor WFUA 97.3 1150 h,v; 162 m, granted more time to build
 OH Sylvania WWWW-FM 105.5 4300 h,v (104 m)
 OK Tahlequah KEOK 101.7 6000 h,v (91 m)
 OR Eugene KRVM *91.9 1100 h,v; 227 m
 OR La Grande KUBQ 98.7 2240 h,v; 592 m
 PA Carlisle W265AC *100.9 (from W292-106.3)
 PA Nanticoke WYOS 92.1 760 h,v; 202 m
 TN Jackson WVYG 101.5 2200 h,v; 116 m, granted more time to build
 TN Red Bank (move from Signal Mountain) WAWL *91.5 6000 h,v; 100 m, transmitter Rossville GA [h,v; 155 m
 TN Spencer WZJP 107.3 (from 98.7) 2000/
 TX Temple (new) 101.7 86 m (3000 h,v)
 VT Waterbury WGLY 103.3 (from 103.1) 410 h,v; 274 m (h,v; 329 m, C3
 WA Colfax KRAO 102.5 (from 102.3) 2200/
 WV Romney WJGF *88.1 (from 89.7)
 WI Altoona WISM-FM 98.1 25000 h,v (85 m), C3
 ON Orillia CBCO *91.5 (from 105.9)
 BN Tijuana XHQF 98.9 a full Class B now, with approximately 50000 h,v; 150 m, "from high atop Mt. San Antonio. Announcing is mostly in Spanish, but the DJs have recently been adopting quite a few English slang expressions. Their slogans are 'More FM', 'level ninety-eight/nivel noventiocho'. This station provides much-needed variety in a conservative radio market overloaded with sappy adult contemporary 'love songs' stations. . . Little Class A XHTIM in Tijuana is still broadcasting on

91.5 from Mt. San Antonio, despite interference from Class CXETRA-FM on 91.1. When XHTIM was using 103.3 on Mt. San Antonio, the alternate-channel interference to San Diego's 102.9 and 103.7 on Mt. Soledad wasn't all that bad. Despite all the exaggerated publicity, the interference caused by XHTIM operating at 103.3 was similar to the 'interference' situation which exists between several other alternate channel combinations using the Mt. Soledad (San Diego) and Mt. San Antonio (Tijuana) transmitter sites. These channel combinations include the 94.1-94.5-94.9 trio, the 97.7-98.1 duo and the 102.5-102.9 duo. These channel combinations are successfully utilized because XHTY 94.5, XHTIJ 97.7, XHUAM 102.5 and KCLX-FM 102.9 all utilize directional antennas. The use of 103.3 at Tijuana poses the same short-spacing problems as exist with respect to 94.5, 97.7 and 102.5 [and] shouldn't pose a problem if a directional antenna is mandated."

Stereo—Or to be Stereo

- AK Tal keetna KTNA *88.5, and using some records from the music library of the former KABN (AM-830) "that went belly-up a few years ago—was co-owned by silent KXD? 103.1 Anchorage."
- AR Prairie Grove KDAB 94.9
- FL Zolfo Springs WZZS 106.9
- MA Charlton WBPV *90.1, r, "very top-40ish—no longer rebroadcasts WCUW in Worcester"
- MI Marquette WUPK 94.1, but it has "really bad sound, over modulated." Relays WIMK 93.1 Iron Mountain exclusively and the pickup of that signal must not be good at the WUPK location.
- NJ Ocean Acres WQNJ 98.5, rm. First air date was to have been Mar. 1, but that is later than the summer '91 startup which was promised. It is to relay WJLK-FM 94.3 Asbury Park.
- OR Gleneden Beach KSHL 97.5, k
- PA Tobyhanna WPMR-FM 107.9
- TN Nashville WFSK *88.1, back on air after a 14-month hiatus, following a fire in the Academic Building on the campus, "which demolished the station." Format: js. On 8 a.m. to about midnight. "We have approximately 200,000 people in our listening area. We welcome all our old listeners back, and invite new listeners to tune us in." It is owned by Fisk University.
- TX Carthage KGAS-FM 104.3
- TX Denison KDSQ 101.7, confirmed stereo
- WI Brillion WEZR 107.5, b, but testing only. "A good signal here in Appleton. With that kind of coverage, I hope they do well."

Format Changes

Formats are the same as in the "FM Atlas"

- AL Fairhope WZEW 92.1 still rp, but now in an LMA (local marketing agreement) with WTKX-FM 101.5 Pensacola FL, instead of with WDLT 98.3 Chickasaw AL
- AL Tuscaloosa WFFX 95.7 mr
- AL Vernon WJEC 106.5 rm
- AK Fairbanks KUWL *91.5 gr, but off the air, trying to raise \$70,000 to keep from losing its license. Its backer, the Lighthouse Christian Center, decided it could no longer afford to operate the station. So far \$9,000 has been raised. It has 90 days to go back on the air or lose its license.
- AK Juneau KTKU 105.1 k
- AK Ketchikan KGTW 106.7 k

- AZ Colorado City KCCA 107.1 b
- AR Eureka Springs KTCN 100.9 gk
- AR Greenwood KZKZ 106.3 gr, "Spirit 106" (from "KZ 106") [lin' 100.5"]
- CA East Porterville KOJJ 100.5 s, "Rol-/"
- CA Oakhurst KAAT 107.1 mr
- CA Willows KIQS-FM 105.5 k
- DE Selbyville WBSL 97.9 k
- FL Key Largo WZMQ 103.9 m, "tropical"
- GA Toccoa WLET-FM 106.1 rm, ID with Athens-Gainesville; still "Mix-106"; studios are in downtown Gainesville.
- IL Benton WQRL 106.3 k, Unis. Hot Country
- IL East St. Louis WFXB 101.1 p, no longer simulcast with KFXB 105.7 (now KPNT, "The Point") Ste. Genevieve MO
- IL Harrisburg WOOZ 99.9 k, still "Z-100"
- IL Ottawa WRKX 95.3 r, SMN Hot AC
- IN South Bend WUBS 89.7 gr
- KS Kingman KTCM 100.3 gk
- KS Minneapolis KILS 92.7 k, ID with Salina
- KY Campbellsville WCKQ 104.1 rm
- KY Jeffersontown WLSY-FM 101.7 sr, \$, back on air, co-owned with WGZB 96.5 Corydon IN [WVEZ 106.9]
- KY Louisville WTFX 100.5 k, LMA with/
- KY Russell Springs WTCO-FM 92.7 k
- LA Bunkie KEZP 104.3 o
- LA Oakdale KICR-FM 98.7 k
- LA Rayville KTJC 92.3 gk
- MA Boston WBCN 104.1 rt, adds Howard Stern nights
- MA Lowell WSSH-FM 99.5 mr
- MA Worcester WCUW *91.3 ef, also reggae, new age, blues, classical, Christian rock, k, j, children's programs and other rock. In the early '80s it had a paid staff of 20 and a \$500,000 budget, but by 1990 its staff was one and its budget \$70,000. Now Joe Cutroni, station manager, having started as a volunteer d-j in 1990, is trying to turn things around as he develops a better feel for the audience.
- MI Grand Rapids WFGR 98.7 still \$, c, but this rather new station has surprised industry observers with its solid Arbitron rating of a 2.5 share of the 12+ audience. Those who enjoy the classics "seem pleased with the station's few commercial interruptions, which is not necessarily a good business proposition." But station manager Dave Ayrault hopes that as the station becomes more visible and involved in community activities, its ad revenue will go up. One such activity is to assist the Grand Rapids Symphony in fund-raising.
- MN St. James KXAX 104.9 k
- MO Carthage (moving to, from Webb City) KMXL 95.1 r
- MO Charleston KWKZ 106.1 k [try 104"]
- MO Kansas City KBEQ 104.3 k, "Young Coun-/"
- MT Great Falls KLFM 92.9 mr, soft AC
- NJ Vineland WVLT 92.1 rm
- NY Cobleskill WSHQ 103.5 rm
- NY Lake Placid WLPW 105.5 rm, mono
- NY Olean WMXO 100.9 rm
- NY Rochester WJZR 105.9 pj, "adult progressive/jazz" [Stern
- NY South Bristol WRQI 95.1 ot, adding Howard/
- NY Voorheesville WCDA 96.3 rm

- NY Wellsville WJQZ 93.5 rm
- NC Rose Hill WBSY 104.7 gk, "southern gospel, black gospel, country"
- OH Celina WCSM-FM 96.7 rm, now \$
- OH Loudonville WBZW 107.7 mr, no longer "The Breeze"
- OK Comanche KDDQ 96.7 r
- OR Creswell KAVE 95.3 p, Z-Rock
- OR John Day KGNR *91.9 gr
- PA Beaver Springs WWBV 106.1 rm, "Beaver"
- PA Braddock WRRK 96.9 op, "Magic 97" (from "97 Rock")
- PA Huntingdon WQHG 106.3 mr
- PA Mercer WLLF 96.7 g, SkyLight Satellite Network, ending LMA with WNCD 106.1 Niles OH
- PA Mount Carmel WSPI 99.7 mr
- PA Scottsdale WLSW 103.9 rm
- TN Harriman WLIQ 92.7 kt, plus oldies
- TX Amarillo KAEZ 105.7 mr
- TX Alamo KJAV 104.9 gk
- TX Carrizo Springs KCZO 92.1 Spanish, g
- TX Killeen KMXX 93.3 k, "Lone Star 93" (from "Mix 93.3"), LMA with KHFI 96.7 Georgetown-Austin
- TX Lamesa K10L 100.3 mr, ending its LMA with KCHX 106.7 Midland, but still housed there
- TX Laredo KZTO 106.1 o, "TQ 106"
- TX San Antonio KSRR 92.9 Spanish, r
- TX South Padre Island KZSP 95.3 r
- TX Uvalde KYUF 95.3 k
- VA Chase City WFXQ 99.9 k, "The Fox"
- VA Richlands WRIC-FM 100.7 op
- WV Miami WKAZ 107.3 still o, LMA with WQBE-FM 97.5 and AM Charleston
- WI Ladysmith WLDY-FM 92.7 o, as of 4-93
- BC Williams Lake CFFM 97.5 and rebroadcasters to r, having been sold to Jim Pattison Industries for \$700,000 Canadian
- ON Smiths Falls CFMO 101.1 b, change took place Mar. 1
- PQ Levis CFLS 102.9 to be k
- "Please keep me on your mailing list. My location here in Hampton Bays is at sea level, with FM DXing an adventure."

On Air and DX Ready—Real Stations and Pirates

- CA Pleasanton KSOL-1 107.7, serving Danville well
- GA Americus WDEC-FM 94.3, not yet having moved to 94.7
- IL Aurora WYSY-FM 107.9, same facilities, but now with a tower about 32 km NE at the WMAQ AM site in Bloomingdale IL. "The old tower location provided good coverage to rural areas and far-flung suburbs, but the new location is right in the heart of suburbia, and only 24 miles from downtown Chicago. Now with a d-a with a null to the east to protect WCCI-FM 107.5 Chicago."
- MD Salisbury WICO-FM still on 94.3, and granted an extension of time, the 10th, to move to 97.5
- MN Cloquet (west side) "WBLZ" 107.7, s, mono, on usually 4 to 10 p.m., longer on weekends, sometimes relaying KBJR (TV-6) audio.
- MO Bolivar KGBX 105.9, not yet IDing as Nixa
- NY New York City area or north NJ, a weak WNEW 102.7 relay on 91.9. It is not W220AA Parlin NJ, which has only been heard rarely in its own area.
- OR Corvallis K264AA *100.7, in stereo
- OR Salem K242AB 96.3, also in stereo
- SD Huron KGTR 92.1, not yet having moved to 99.1 [from 93.1
- NB Fredericton CKHJ 105.3, having moved/

Off Air or Not Yet On

- ME Harpswell WMSJ *91.9, but may be on later this month. Its 30-meter tower on Bailey Island is considered by local folks to be an "eyesore," and the result of no interior island zoning. There is zoning only along the shoreline. The tower is "an ugly intrusion. I'm angry about it," said a local resident.
- MS Laurel WMXI 98.1 now silent
- MO Greenfield KXBR still off, but should be moving to 107.7A; its translator in Springfield is deleted.
- NJ Madison WMNJ *88.9: "I live only 10 miles away and have never heard this station."
- TX Hutto KRGT 92.1 "temporarily silent"
- TX Marshall KMHT-FM 103.9 and AM 1450
- TX Tyler KGLD 92.1
- VT Rutland WYOY 94.5 and AM WHWB 970 "reported silent"

Deletions

- AZ Duncan K285-- 104.9
- CA El Cajon K257CY 99.3
- CA South Eureka K237-- *95.3
- CO Leadville KRMH-FM 93.5; translator moves to its frequency
- IL Cahokia WRTE *89.3, "operating authority terminated and call letters deleted"
- MA Winchester WHSR *91.9, already deleted by FCC, notifies WUMB *91.9 Boston that they have decided to shut down the operation. "We are trying to help them (at Winchester High School) find alternatives such as cable-casting or locating a new frequency for broadcast. We wish them the best of luck, and remind any of our listeners who may have called to complain about the interference that a few words of thanks from you for their difficult decision would be appreciated."
- MN Nisswa KZPX 93.3, and application to downgrade to C1 dismissed
- NV Moapa K247-- 99.3
- NY Massena W280-- *103.9
- OK Guthrie K201-- *88.1
- OR Malin K220-- *91.9
- TN Rogersville W259-- 99.7
- UT Provo K252-- 98.3
- WA Seattle K201-- *88.1
- WI Wisconsin Rapids W228-- 93.5

SCS services, 41, 57, 67 and 92 kHz

Symbols are as in the "FM Atlas"

- AR Fayetteville KUAF *91.3 no SCS (had 1M R); see Pittsburg KS, below
- CA Alameda KJAZ 92.7 1X, 67, Mainstream data; X, 92, Interactive Network at 9600 baud. "It takes a strong FM signal for interactive television, and we have to go around the neighborhoods in a van with a spectrum analyzer to find out where the system will work." [Network CA Livermore KKIQ 101.7 1X, 67, Interactive/CA San Francisco KSAN 94.9 1X, 67 (from 92, which is now blank), IN
- GA Atlanta WZGC 92.9 1S, 67, cueing for special events/remote broadcasts; still 1(D), 57.
- WPCH 94.9 1E 92; keeps 1(D) 57, no 67
- GA Manchester WVFJ 93.3 drops 1M, 92; retains 1(D), 57
- IL Decatur WSOY-FM 102.9 1S, 41 kHz; 1D, 57 kHz, 1M, 67; apparently runs 1S when main carrier is mono, such as during play-by-play sports. No 92.
- IA Cedar Rapids WMT-FM 96.5 1B, 92, to relay Rush Limbaugh in the early afternoon to restaurants that have separate rooms for discussion groups. The SCS feed is earlier than when WMT (AM) carries it. Retains 1M, 67.
- KS Pittsburg KKOW-FM 96.9 1M R, apparently taking the service from KUAF Fayetteville AR and WMBH-FM 102.5 Joplin MO (see "Call Letters," above). NonID is "96.9 The Cow."
- NY Garden City WDRE 92.7. Radio Sedaye Iran reappeared after being off three weeks. "I don't think it's going to last; it's still

cross-talky and thin-sounding in central Queens, where lots of Iranians live." The 92 is still telemetry warbles. Last year, "Antena FM" (Greek) also lasted only three months on "DRE's 67 before switching to WQHT's 67 (97.1 NYC). WDRE's address and phone number are in FMedia! Feb. '91, p. 8, col. 2 under "From the Classifieds."

NY New York WKCR *89.9 92 is Mandarin Chinese, based in CA; "the phone numbers in the commercials have San Jose or San Francisco area codes. That makes 18 ethnic services on New York City's FM-SCS dial, 1/3 of which have gone on in just the past year. There are three Italian services, 3 Haitian French, 2 Korean, 2 Colombian Spanish, 2 Cantonese, 2 Mandarin and one each in Tagalog, Greek, Farsi and Russian. Eleven are on 67 and 8 on 92 (which adds to 19 because Korean Christian Broadcasting is simulcast on two NYC SCAs). WKCR still has 1T, 67."

NY White Plains WFAS-FM 103.9 1U, 67, from 1C. It had WFAS AM. Now "there's an open carrier, and every so often there's a tone, 2 or 3 seconds long... This tone always occurs just before WFAS AM (1230) gives a traffic report (with an on-the-ground reporter; their helicopter traffic reports are not preceded by a tone)... Nothing on the 52 SCA."

The Feb. 2 "Wall Street Journal" had an article, "Small Broadcasters Reach Asian-Americans," mentioning "sideband radio." It estimates 35 to 40 such sideband broadcasters exist in NYC and other markets. "The advantages for advertisers include low costs and the opportunity to pinpoint audiences they otherwise might miss." Those audiences are not counted by ratings services, "so broadcasters have to negotiate special deals with advertisers." Radio Mindanao USA estimates it reaches 40% of the NY-area Filipino population. One advertiser on "WRMN" (WBGO 88.3's 92) is American Telephone and Telegraph, which pays \$720 monthly for 120 60-second spots. AT&T says it uses foreign-language media to reach immigrants.

"The SCA radio that you modified this summer... has been a great source of pleasure for me and many other blind people. Thanks again for your good work and continuing efforts that make life just a little more enjoyable for those of us who can't see."

"You did an excellent job on my G.E. Superadio installation."

"How nice to have met you over the phone. You were not a high-pressured salesman and respected my indecision. This I won't forget."

"Enjoy the spring—thanks for your outstanding newsletter!"

NonIDs, Not Just Slogans

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

- CA Auburn KHYL 101.1 Cool 101.1 FM (from "Solid Gold 101")
- GA Athens WNGC 95.5 uses calls: "FM 95" and several other slogans are used, "but always with call letters."



- LA Monroe KNOE-FM 101.9 Mix 102 (from "FM 102")
- ME Bangor WSHZ 92.9 Soft Hits 92.9
- MN Moorhead KVOX-FM 99.9 Red River Country K-100
- MN St. James KXAC 100.5 The New Lite FM
- NH Hinsdale WYRY 104.9 Y-105
- NY Horseheads WQIX 100.9 Country 101
- NY New Paltz WBWZ 93.3 Z Rock
- NC Grifton WTND 99.5 Thunder Radio, now 16500 h.v.; 257 m, with an "excellent signal"

OK Ponca City KLVV *88.7 Love 88-7 (from "The Love Station") [Coast WA Aberdeen KDUX 104.7 The Rock of the/ WA Auburn KGRG *89.9 Today's Rock. Their winter fund drive raised money to help pay for a \$100,000 power increase. "As you know, KBTC-FM *91.7 Tacoma simulcasts KGRG... They must use the 89.3 translator in Sumner WA to receive KGRG, as I can get 89.3 quite clear in downtown Tacoma, but can't receive 89.9 at all due to KGHP Gig Harbor, also on 89.9."

BC Victoria CFUV *101.9 FM 102
MB Winnipeg CITI 92.1 Cee Tee FM (from "Power 92")

"I received my copy of the 14th edition of the FM Atlas, and it is great."

Multi-City IDs In Use

- IL Virden WCVS 96.7 with Springfield, not with Auburn-Girard
- IA Waterloo KOKZ 105.7 with Cedar Falls, instead of Cedar Rapids
- WA Bellingham KISM 92.9 drops Victoria BC and adds Seattle to its ID list. Still "Kissum," r, but dropping rap and dance music. "They play only rock, old and new (not heavy metal)."

AM Happenings Most Likely Caused by FM

- AL Daleville WTKN 1560 silent
- AR Trumann KXRQ 1530 silent
- CA Concord KWUN 1480, which recently went to country, "is now silent"
- DC area—WPGC's (1580 Morningside MD) business news format now heard on an unknown area FM subcarrier, following the demise of the nighttime simulcast agreement with WMET 1150 AM Gaithersburg MD.
- FL Miami WWFE 670 fights to stay on air after banks withdrew advertising and especially after Barnett Bank called in a \$500,000 loan used to start the station, known as Radio Fe—Spanish for "Faith Radio." Emilio Milian, a controversial talk-show host who has criticized anti-Castro groups in FL, and who lost both legs in a car bombing, refuses to be silenced. He is accusing Barnett Bank of taking offense at a commentary of his that mocked an official of the bank. Station is up for auction, with Milian's son one of the bidders for the facility, now valued at \$1.9 million, from a high of \$5.25 million at one time.
- IL Sycamore WSQR 1560 had been silent, returns with modern rock, but temporarily run by Northern IL U. students from De Kalb.
- MD Silver Spring WNTR 1050 silent pending sale, then planning to return with a children's format and new call letters
- MA Clinton WBSO 650, FCC dismisses application to change city of license to Lancaster MA, deletes call letters
- MN Minneapolis KUOM *770 taken over by U of M students by the end of June, after the university refused further funding. The students operate carrier-current WMMR, and will try to carry the modern rock sounds vacated by KJJO-FM 104.1 St. Louis Park, which is now country. It will be known on the air as "Radio K." On weekends it will be "Radio K International," mixing modern rock with music from around the world. "KUOM will have to be careful about the songs it plays because the university can't afford the sort of fines the Federal Communications Commission has been slapping on stations that broadcast indecent material. If that were to happen," Jim Musil, director, said "the station would have to start playing 'The [Minnesota] Rouser' all day long." The student management is open to suggestions from listeners on or off campus; call KUOM "Info Line" at (612) 625-9673.
- MN St. Paul WDGY 630 has taken a middle of the road format off the satellite, which WRPX 740

Hudson WI now simulcasts. "The legal ID is WDGY 630 and WRPX 740. . . WDGY is the key station, as everything revolves around them." It is a different service from Ham's "Music of Your Life," formerly heard on WMIN 1030 Maplewood MN (now religious WCTS).
 MO St. Louis KASP 1380 AM, was sports, now fulltime simulcast of WKQB 106.5 Granite City IL-St. Louis, which nonIDs as "KHTK."
 NE Lincoln KFMQ 1480 "silent for repairs"
 NY New York WBBR AM 1130 shot down by the NY Transportation Department for placing radios that played the business-news station in mid-Manhattan—a \$150,000 investment, including posters. "The radios were installed without . . . approval," forcing Gannett Outdoor Advertising to pull their plugs. Perhaps Gannett will have better luck with sky advertising as it tries to persuade airliner riders to use USA Today Sky Radio, a live audio service, heard through headphones in 74 aircraft flown by Delta and United Airlines. It hopes to get to all the nation's 2000 commercial planes. The radio formats all carry commercials, about eight 30 or 60 second spots per hour.
 NC Rose Hill WEGG 710 silent for repairs; its schedule is on WBSY 104.7.
 PA Ephrata WGSa 1310 deleted by FCC
 TN Hartsville WJKM 1090, deleted by FCC, but said to have come on the air, with the FCC having misplaced its application for authority to return after being silent.
 TN Lebanon WCOR 900 silent
 TN Trenton WTNE 1500 "silent pending repairs"
 BC Vancouver CHQM 1320 adds Chinese, nights, "brokered talk"

FM Rulemakings Proposed

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

- DE Bethany Beach 95.9B1 for A, VWTR, Mar. 29, Apr. 28
- FL Charlotte Harbor (from Punta Gorda) 92.9C1 for C2, WIKX counterproposal
- FL Marco 98.9A for 92.7A, WGUF counterproposal. This would include adding "91.7A as a noncommercial allocation at Marco.
- ID Rupert 92.5C for A, KNAO, Apr. 1, 16
- IL Fairbury 107.7A counterproposal
- LA Blanchard 102.1C3, Mar. 29, Apr. 28
- LA Buras Triumph 103.5A for 94.1A, with Galliano [29, Apr. 28
- LA Galliano 94.3C2 for C3, KBAU, Mar./
- MS Durant 106.3A counterproposal
- MO Kennett 104.3A, Apr. 12, 27
- NM Silver City 92.9C2 for 94.5A, KSCQ, Mar. 29, Apr. 13 [Apr. 12, 27
- NY Rosendale *102.5A for *88.7A, WFNP, /
- OR Cannon Beach 98.9A counterproposal
- OR Coos Bay 102.1A, Apr. 12, 27 [13
- TN Paris 94.1C3 for A, WMUF-FM, Mar. 29, Apr. /
- VA Remington 104.5A, Apr. 12, 27 [13
- WA Spokane 96.9C3 for A, KSPO, Mar. 29, Apr. /
- WY Cheyenne 104.9A, Apr. 12, 27

FM Rulemakings Finalized

Dates are when FCC filing windows are open

- AZ Sun City 106.3C2 for A, KONZ
- AR Camden 104.5A, first come/first serve
- AR Huntsville 99.5A for 92.9A, KFAY-FM
- FL La Crosse 99.5A, Mar. 19-Apr. 19
- FL Monticello 101.9C3 for A, WJPH
- GA Douglas 99.5C for C1, WDMG
- IL Canton 100.9A window ended Mar. 9
- IL Oregon 106.1A ended Mar. 9
- IN Clinton 93.9A ended Mar. 9
- IN Walton 93.7A, Apr. 6-May 6
- IA Lamoni 97.9C3 for 97.7A, KLAL
- KS Liberal 102.7C1 ended Mar. 9
- KY Hyden 97.9A for 92.3, WRNG
- Y Jackson 106.5A for 97.7A, WJSN
- London 92.3C2 for 92.5A, WYGE
- LA Thibodaux 106.3C3 for A, KXOR
- MN Proctor (Duluth) 107.7A, Apr. 6-May 6
- MN Grand Marais 95.3C ended Mar. 9
- MN Worthington 93.5A ended Mar. 9
- MO Greenfield 107.7A for 93.5A, KXBR

- MO Halfway dismissed 93.1C3 for A bid by KYOO-FM
- MO Seligman 93.3C1 for C2, KESE
- NE Chadron 94.7C, first come/first serve
- NE South Sioux City 107.1A ended Mar. 9
- NM Bosque Farms (from Socorro) 104.7C, KMXQ
- NM Clayton 93.5A, first come/first serve
- NM Grants 92.7C2, Mar. 26-Apr. 26
- 100.7C2 from 100.9A, KZNM
- NY Brighton 94.1A, Mar. 23-Apr. 22
- NY Lakewood 106.9B1, Mar. 23-Apr. 22
- NY Norwood 96.1A, Mar. 26-Apr. 26
- NY Old Forge 99.7A, first come/first serve
- NC Manteo 98.1C2 ended Mar. 9
- NC Warrenton 107.3C2 ended Mar. 9
- ND Devils Lake 96.7A, first come/first serve
- OH St. Marys 103.3A, first come/first serve
- PA Clarendon 104.3A for 106.9A, new CP
- SD Aberdeen 106.7C1 ended Mar. 9
- TX Amarillo 105.7C3 for A, KAEZ
- TX George West 104.1A, first come/first serve
- TX Plainview 106.9C2, first come/first serve
- UT Moab 96.7C3 ended Mar. 9
- WA Leavenworth 97.7A, Mar. 26-Apr. 26
- WA Yakima 99.7C3 for 99.3A, KZTA-FM
- WY Sundance 103.1A, first come/first serve
- PR Aguada 105.3B1 for 105.5A, WRFE counterproposal
- PR Carolina 107.9B for 107.7B, with Aguada
- PR Gurabo (from Utuado) 104.1B, WERR, with Aguada
- PR Ponce 104.5B for 105.1B, with Aguada
- PR San Juan 104.9B for 104.7B, with Aguada
- VI Charlotte Amalie 107.5B for 104.3B, WIYC, with Aguada PR
- VI Christi ansted add 102.7A counterproposal
- VI Frederiksted add 104.3B counterproposal
- VI Cruz Bay 101.3B for 92.3B, WDCM counterproposal

Broadcast Indecency Rules Stayed by Court

The effectiveness of the FCC's recent order changing the hours for enforcing the ban on broadcast indecency has been stayed by the Circuit Court of Appeals in Washington DC. A "safe harbor" when indecent material may be programmed was generally from midnight to 6 a.m. (last month, p. 5). The rule was scheduled to take effect Feb. 25.

The Court ordered the case to be set for oral argument on the first available date on its fall calendar. Until the court takes action on this matter, the Commission says it will continue to enforce its current policy of not permitting indecent programming between 6 a.m. and 8 p.m.

Small-Print Happenings and FM Industry News

Infinity Broadcasting has taken over the management of the Unistar Radio Networks from Dick Clark-Nick Verbitsky. "Cash-rich Infinity [is] acquiring a company that already has a well-organized advertising, sales and program syndication apparatus in place with which to distribute shows hosted by Infinity stars Howard Stern, Don Imus and Doug (Grease)man Tracht." Clark and Verbitsky would probably stay on, but the agreement allows for Infinity to acquire an equity interest in Unistar. This ties into a story in a recent "Folio: Publishing News" about the clout of pornographers in the U.S. of A. General Media, one of broadcasting's and publishing's group owners, has a history of not settling First Amendment cases, getting its way as either defendant or plaintiff in the courts. An example:
 ■ In the 1980s, Attorney General Meese's watchdog commission had, by letter, hinted that certain convenience stores could be construed as distributors of pornography, after which most of them stopped selling *Penthouse* and *Playboy*. When faced with a lawsuit, the Washington DC district court forced the Commission to retract the letter, but denied the magazines monetary relief.

WEZB 97.1 New Orleans is trying to syndicate morning team of John Walton and Steve Johnson via satellite; they'll pay a \$1000 finders' fee to anyone who gives a lead on a substantial station that they are able to bring to contract. If you want in on their action call (504) 469-1402.

Christian FM station WHCF *88.5 Bangor raised \$360,000 in its 10-day share-a-thon. It gets 80 percent of its support from such donations, and devised a way to generate support by selling \$10 pledges for one one minute of airtime. WHCF has 50 percent music and 50 percent teaching programs.

Not collecting money, but having to pay it are KSIR 107.1 Brush and its AM \$2200, KRCC *91.5 Colorado Springs \$550, KBRU 101.7 Fort Morgan \$3150, KSEC 93.3 Lamar and its AM \$1300, KGLL 96.1 Greeley \$3450, KCDC *90.7 Longmont CO \$5150, KOZX 98.1 Cabool \$4250, KJEZ 95.5 Poplar Bluff MO \$3750, KJTN 106.3 and AM Mercedes \$20,000, KMFM 104.9 Premont TX \$9800, KLEN 106.3 Cheyenne \$3750, KRQU 102.9 \$1900 and KIMX 105.5 \$2700 both Laramie WY—all for violating technical rules or failure to light or paint their towers.

A station falling short of its fund raising goal is WMHT-FM *89.1 Schenectady NY. It had hoped in the two-week drive to get \$100,000 but only raised \$92,588 from 1165 contributors. This has brought about speculation that its classical music format may be in jeopardy, particularly since WAMC *90.1 Albany offers much of the same. WAMC, in the meantime, has been cutting back on its classical content, although it still fills some 50 percent of the airtime. Both stations claim their programming will stay the same, but for now the speculating continues.

WYEP *91.3 Pittsburgh recently conducted its most successful fundraiser in its history, drawing in 1,575 members and \$75,388. This is a 25 percent increase in dollars over February, 1992's fundraiser.

Uprioriously, a group of listeners to Vermont Public Radio has clashed with the stations' board of directors about how the stations can be more responsive to their wishes. The stations' programming has been under fire for six months from "Folks for Responsive and Eclectic Vermont Public Radio—FREE VPR." FREE VPR was formed in September after a three-hour folk music program was taken off the air, but now members have their sights set on more overall diversity on the stations.

A minor uproar affecting Americans with a French background in Maine centered on a character, "Frenchie," who was a frequent caller-in to WBLM 102.9 Portland ME. While the calls were a popular feature on the morning show, the ethnic stereotype "infuriated" many French Canadians and stirred protests from anti-discrimination groups. An Ernie Gagne owned up to the character, saying "The current and ongoing controversy surrounding this humorous character has left me and my friends astonished and anguished. As I value my career and privacy above my hobby of being an amateur comedian, I have decided to withdraw my services and contributions to the WBLM morning program effective immediately." This happened after a Jewish lawyer from Augusta complained to the Maine Human Rights Commission. "I had never come in contact with Franco-American prejudice until I came to Maine," said Jed Davis.

A public station that's making it on its own—that's WFAE *90.7 Charlotte. Two years ago it received a fifth of its income from NC, and then it happened—the state voted to phase out funding to the five public stations licensed to state universities. WFAE and the university agreed to a divorce, which the FCC ultimately approved. Studios were already off campus. It dropped Garrison Keillor's *American Radio Company* to save costs, cut travel, hired a fulltime underwriting sales person and added a third fundraising drive.

A new managing editor named to the Superior Radio Network based in Duluth. She's Debra

Smith (pictured), who began her radio career 15 years ago at WDTN *103.3, which later changed calls to KUMD. She is a Native American who will be working on coverage of native American and natural resource issues for the stations, which are in a band across northern WI and MN.



The first in-band digital demonstration was on WILL-FM *90.9 Urbana IL. If applied successfully to the industry, DAB could assure a smooth transition to the new technology for FM stations, allowing them to keep their present frequencies. Mike Starling, NPR director of technical operations, is optimistic that digital radio can be broadcast from within the FM band. The FCC has not set any timetable for digital radio broadcasting to begin. "We're definitely talking the late '90s before we see much [digital audio broadcasting] in the marketplace," said Starling. Costs may not be great to convert to digital, since many FM studios are already largely digital, and through multiplexing the analog signal may be continued along with the digital on the same station. This is because the digital signal is only 1/1000 the wattage of the analog signal. This disparity means the digital won't interfere with the analog. A 100-kw FM station's digital component would thus be only 100 watts. A key computerchip to make such experiments possible was developed on the University of IL campus, after which General Manager Donald Mullally of WILL-FM offered his station as a guinea pig. The first in-band digital broadcast took place on WILL-FM when few listeners could be bothered—at 4 a.m. Aug. 29. The system was packed up and used at the NAB in New Orleans at WWNO *89.9 and "since then has been operating without much notice in WILL-FM's transmitter room." However, only one custom-built prototype receiver in the state can receive the digital signal.

The requirement that the booklet *The Public and Broadcasting—A Procedure Manual* be kept in the local public file of FM stations has been suspended while the document is being updated by the FCC.

"Radio World" recently spelled out when it is legal for an FM broadcaster to own another station in the same market under the new FCC "duopoly" rules. The FCC's new duopoly rules state that any application involving an ownership change that would result in a duopoly must include a technical exhibit that accurately depicts the locations of all station transmitter sites and placement of the stations' primary (3.16 mV/m FM, 5 mV/m AM contours), and that those stations are actually on the air. All one has to show is that there are six commercial stations with an overlap somewhere in their primary coverages in that market to the station or stations to be acquired. The acquired stations count in that total, and the audience share of the stations in the duopoly must not be over 25 percent. Docket 80-90, which helped create hundreds of new FM stations, is given as the reason for allowing duopolies—to help make stations profitable in view of increased competition. The same rule applies to LMAs when over 15 percent of a station's time is brokered by another station.

Fired program veep at KUSC *91.5 Los Angeles Tom Deacon is suing licensee the University of Southern California and morning host Bonnie Grice. He says he was wrongfully fired because he criticized her on-air performance. Grice is married to KUSC's manager Wally Smith—an event that happened after Deacon was hired in 1989. Deacon, a Canadian citizen, lost his work permit when the job ended and is in the Netherlands working for Philips Electronics. His suit charges breach of contract and violation of state anti-discrimination laws, including nepotism and conspiracy. It could take three years before the case comes to trial.

An affiliate of MN Public Radio is inviting public stations to carry on-air announcements about a new direct-marketer of compact discs and tapes called Public Radio MusicSource. In exchange, stations will receive a royalty on gross sales and station personnel could receive discounts. MusicSource will experiment with selling classical music recordings from a catalog operated by the group's Rivertown Trading Co., which publishes the "Signals" catalog for WGBH *89.7 Boston and the MPR "Wireless" catalog.

Last month (p. 6, col. 1) it was reported KRTM *88.9 Temecula CA was fined \$5000 for airing commercials. The station was fined double the normal amount, after the FCC investigation showed it used "non-identifying verbosity," which the FCC defined as "unnecessary repetition of information that would otherwise be permissible." Fifteen repetitions of "Nissan of Temecula," aired by KRTM last April constituted "non-identifying verbosity." The FCC also frowned on this language, which "impermissibly conveyed price information": "At Pinky's Bar and Grill every Thursday night is ladies night," and "David A. Lander believes that if his client does not recover damages, he does not collect a fee." Also not to the FCC's liking: "Overland Bank reaches out to the business community to deliver quality financial services to your place of business" and "Do yourself a favor and come out to the Murrieta Hot Springs Resort."

J. C. Maxwell Broadcasting, WMPR *90.1 Jackson MS, notified by the FCC that it must pay \$7,500 for violation of its rules regarding broadcasting advertisements by a noncommercial station. This is not the first fine WMPR has had, and in inquiries to it, I have failed to get any response.

Would the real grantee for 105.7 in Manahawkin NJ please stand up? The FCC has denied Jersey Shore Broadcasting Corp. and Press Broadcasting Co. reconsideration of an Order which granted an application for review filed by Seashore Broadcasting Corp. The review concerns a settlement agreement among competing applicants. According to the agreement, Press was to have gotten the channel and then under an option agreement it could ultimately swap the newly constructed station for the existing station licensed to Jersey Shore. In other words, VJZR-FM 100.1 would move to 105.7 with more power and Press would acquire the 100.1A facility. The Order has remanded the case to a judge for further action.

Thought for today from FCC chairman (interim chairman) James Quello—I wouldn't be a bit surprised if someday a lightning bolt comes out of the sky and hits him right in the crotch—regarding that talk/shock jock Howard Stern who might have to answer to a "higher authority" for his religious jokes.

The NAB, ACLU and Infinity Broadcasting are among groups filing a lawsuit against the FCC, charging the agency with denying their right to a fair and speedy trial by not giving them a faster avenue for redress of grievance rather than waiting for the FCC to collect its fines for "indecent" broadcasts through a civil suit. They want the court to throw out all pending indecency fines and keep the FCC from issuing new ones.

How did the World Trade Center explosion affect FM? It seems only two FM stations were off the rest of that day—WNYC-FM *93.9 and WKCR *89.9 with its two SCSes. "WYNY 103.5 was slightly distorted and mentioned using different equipment, and their Colombian SCS was off. CD 101.9/Cool FM (WQCD) was on but their two music SCSes were off almost 12 hours. All other SCSs were on. WCBS-TV2 was on; the other six VHF's were off until 11:30 p.m. (except for cable subscribers whose TV reception was unaffected)."

The CHUM group gets control over the two sets of FM-AM stations in Windsor, and the CRTS has given CKLW-FM 93.9 several exemptions from its usual programming requirements. CKLW-FM, close to Detroit MI, can compete

better by not having a limit on the number of "hits" it plays and the spoken word requirement is only five percent instead of the usual 15 percent. It must, however, up its Canadian content from 12 to 20 percent.

With the cold war over, budget cutters are looking at the shortwave Voice of America and Radio Liberty, and guess who's interested? None other than the Corporation for Public Broadcasting, which would like to control the budget and facilities of the USIA and other services involved in international broadcasting. They see the taxpayer money directed to those entities as a new source of funding for domestic public broadcasting.

Little KZSC *88.1 Santa Cruz was forced to apologize to shaken listeners for its "War of the Worlds" type report of a bogus earthquake in southern CA. "I didn't intend to do this to harm anyone. I'm sorry. The station is sorry," said student Roger Takacs, who created the fictional program that was carried on a Thursday night. It said a major quake had just occurred in Los Angeles, killing thousands and causing huge fires, floods and mudslides. It was intended to increase earthquake awareness, Takacs said. A disclaimer was read twice, but many listeners thought the broadcast was real. Takacs had earlier contacted the FCC to see if such a broadcast was legal, but failed to notify station management.

The NAB has filed a brief in a Supreme Court case—U.S. vs. Edge Broadcasting (WKOC 93.7 Elizabeth City NC). Edge says it is entitled to run VA Lottery ads, even though there is no lottery in NC.

Sioux City's on the rise. In January (p. 8, col. 3) it was mentioned that IA town was dropped from Arbitron, but it will get its book back. Too late for this spring, it will get a summer ratings book in 1993 and be back on the spring schedule next year.

In duopoly news, KIOA-FM 93.3+AM Des Moines, KRNO 102.5-KRNT AM team up under ownership of Saga Communications. Midwest Communications' WIXX 101.1-WGEE AM Green Bay get paired with WHET 99.7 Sturgeon Bay WI.

Broadcast totals from the FCC: AM 4960, FM (92-108 mhz) 4796, FM (88-92 mhz) 1592, for an FM total of 6388. FM translators and boosters, one of which I own (W280CT Hermandtown MN), 1966.

From the classifieds: General manager KIWR *89.7 Council Bluffs IA. Resumes to personnel office, IA Western Community College, 2700 College Road, Box 4-C, Council Bluffs IA 51502. EOE. Seems they are serious about wanting to keep the radio station.

Looking for an account executive: Resume to Judy Sher, g.m., WHOM, 477 Congress St., Portland ME 04101.

Want to buy 4-8 bays on *91.7, including 122 m of line, prefer Shively antenna, M. Taylor, KNEO, 700 Spencer Dr., Neosho MO 64850.

Ken Diebel, now a C3 CP holder, wants a 6-bay circular antenna, prefers Phelps-Dodge on or near 92.3, KTJC, 1207 Louisa, Rayville LA 71269.

For sale Sony STJ-75 FM tuner, 8 presets, seek/scan, like new, \$175 or BO, L. Snyder, Box 182, Floral Park NY 11001; (718) 347-2940.

FM FORUM

CONTRIBUTIONS FROM READERS

One of Howard Stern's imitators is a pirate radio station, "W'HIL" 87.9 at the Richmond Hill (Queens) high school, back on in \$, 11 a.m. to 2 p.m. and for a while they were using naughty language and playing a song about a "Detachable" appendage every day "until the teachers made them stop. They're only four watts but there are at least 75,000 people within range of their signal," says Jeannette Johnson. "VJCR" 91.9 (100 watts, \$[tereo]) had a live jam session with station owner "Fred" and his friends on guitars and drums, and heard in Queens.

"Latest pirate on 91.9 is 'WOCN,' mono, Oceanside, Long Island, with current hits, rock oldies and novelty records," including anti driving-drunk PSAs; call 'em at (516) 763-3046.

Johnson also reports that WEHM 96.7 East Hampton NY is on as of Mar. 1. Station manager is Paul Conroy. Singer Billy Joel, his wife (model Christie Brinkley) and Sony Vice Chair Michael Schulhof (Oct., p. 1, col. 3) are owners. Format is adult contemporary; stereo status not indicated. She noticed that the Howard Stern Show on WKBW (AM 1520) Buffalo is 60 seconds behind the WXRK 92.3 NYC transmission. "I don't know if this is because they want more time to bleep out any extra-sleazy remarks. . . One of WXRK's station IDs goes like this: 'This is FM the way it's supposed to be—Howard Stern all morning, classic rock and roll all day, 92-3 K-Rock'. Actually, they should put him on AM only—he doesn't play records, and FM should be For Music. . . I was under the impression that you stopped writing for the WTFDA DX Association paper some time ago, not just now, or I would've subscribed to it about a year ago when I started FM DXing. . . I might still subscribe anyway—I know I'd like it, and also Monitoring Times, but I'm trying to keep costs down." [The WTFDA address is PO Box 514, Buffalo NY 14205-0514, subscribing cost U.S. \$20, Canada \$22, overseas \$32 in U.S. funds.] Back to WXRK, it looks like they can add to their slogan, to say ". . . and Greaseman at night." Meg Griffin was ousted from her 6-10 p.m. slot after seven years in favor of Doug Tracht, who's doing the show via satellite from Los Angeles. Griffin moves to the 10 p.m. to 2 a.m. airshift. "I just heard Tracht for the first time and he tells stories and jokes throughout the show; the only music is various instrumentals he uses to punctuate his tales. He's sort of raunchy, but without the unending stream of disgusting words that Howard Stern spews. He's not very funny, though, and I'm not sure if he'll fit in here in NYC. Also, K-Rock's classic rock format is very popular, but nobody can hear it during the week now unless they're home all day or awake all night, so the classic rock fans may start looking elsewhere for their music, like WNEW 'FM,' even though 'NEW tends to play many lesser-known songs.

"The CFAC anti-Stern rally (Jan. p. 5, col. 2) attracted only 100 people (in a city where 20,000 Filipinos live) even though the weather was good. The rally was not publicized by 'WRMN' partly because their opinion is that rallies don't accomplish much and that Filipinos won't be taken seriously unless the Philippine government complains to the FCC about Stern, which is unlikely. Stern has, however, been declared 'persona non grata' by the Philippine government and is barred from entering the country—not that he would

want to. . . Stern is not taking any steps to placate the Filipinos; 'WRMN' played a tape of a recent Stern comment that American model Cindy Crawford moves 'like a Filipino hooker' in her exercise video."

An article Johnson sent mentions WYNY 103.5 being sold for \$50 million by Westwood One to NY-based Broadcasting Partners, Inc. The money will be used to pay off debts. Westwood bought WYNY from NBC for \$39 million in September, 1988. The station would remain country. This leaves Westwood with only one station—KQLZ 100.3 Los Angeles. When asked if KQLZ is also for sale, a Westwood person declined to comment.

Filipino FM SCStation "WRMN" is trying out a new radio. "From the description it's probably the G-E Superadio" with an SCS modification. Malrite's WHTZ (Z-100) 100.3 NYC can now be heard in Japan, via telephone lines and USEN, the Japanese company that's paying most of the costs for the effort. It's being done in the interest of goodwill and good business. Also being heard in Japan is KPWR (105.9 Los Angeles).

"While in the library I tried to look up what jail Thomas Root (Jan., p. 6, top, and Feb. p. 6, col. 2) is in, but the most recent article about him (Jan. '92) said only that he'd just been sentenced to 33 months by a DC judge (that's in addition to the 15-year sentence from a NC judge). It also mentioned that Root (middle initial L) had recently moved with his family to Norwalk OH from Alexandria VA, and that he would surrender to federal authorities on June 30, 1992. The name of his lawyer (at the DC sentencing) was Eugene Propper." Jerry Kautz has written, saying he has been transferred from the MN prison camp to the Omaha NE area. He claims prisoners get transferred to "stir the pot" and prevent conspiracies among inmates. He is a few months away from getting released, wants to go into business for himself again in broadcasting, but sees no opportunities for an ex-con except "flipping burgers" for a while.

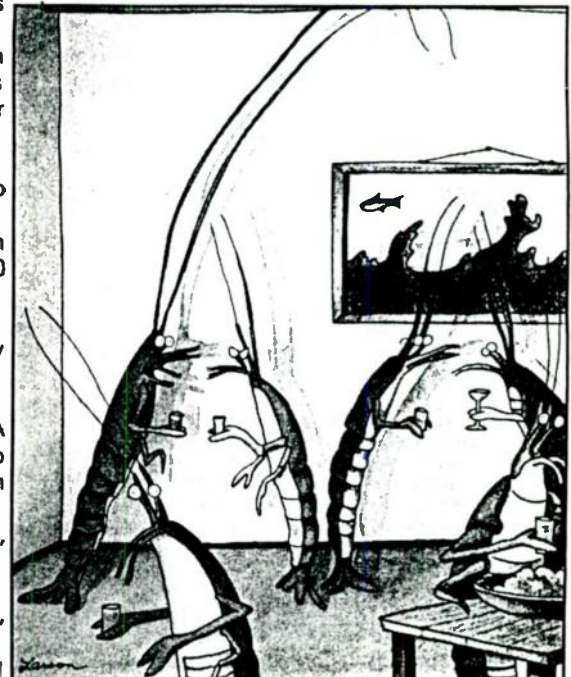
Martin Wishnewitz is from NYC and he's quite interested in all aspects of radio monitoring, including FM. "A question I have for you concerns WBAI *99.5 here in New York city, which claims to have 50000 watts, with its antenna atop the Empire State Building. Could this be possible?" WBAI is fudging a bit on that power. They are only 4300 watts (415 m), with coverage EQUIVALENT to 50000 watts, but surely not 50 kw from atop the ESB. A legal-appearing ad he sent invited people to consider a bequest to WBAI-Pacifica when making out a will. For more information contact Valerie van Isler, station manager, WBAI, 505 Eighth Ave., NY NY 10018; (212) 279-0707. I had the pleasure of meeting Martin in Omaha NE in September, as well as others, including Duncan Shaw (see "From the Classifieds" December). "I

hope to continue to be a regular subscriber to your newsletter and look forward to seeing the 15th edition of the 'FM Atlas' coming out soon," writes Martin. [I hope to put out a new edition by mid-1993; stay tuned for further details.]

Dave Beauvais says "If we ever get out of this economic mess alive, digital radio is going to be the next generation of superlative broadcast technology—every bit as far advanced over FM as FM was over AM. Do you plan to promote the new medium as enthusiastically as you did FM, which is evidently going the same route as the vinyl LP? It just strikes me that if you're locked into championing a 60-year-old broadcast technology, FMedia! risks becoming the equivalent of a hobby newsletter for eccentric nostalgia buffs and antique radio collectors!" [I still have a fixation on good old FM, and as you can see in many places throughout these newsletters I can't resist taking a jab at AM, but I do see the need to report on change. Report on change, I do; not necessarily advocate change for the sake of change. I think I'm ahead of the masses in advocating wider use of "medium fi" SCS, which most of the public and the press ignores, and technologies such as TV-SAP, data transmission by FM and TV vertical blanking intervals enrapture me, as do translators, low power FM and pirate broadcasting. But enough of what turns me on. . .]

Another MA writer is Brian Anastasi who produces "Valley Voices" on (pardon the expression) AM radio, WTTT 1430 Amherst MA, Sundays 1-4 p.m. It's three hours of alternative programming such as you might expect from a college or community FM station, and discussing such issues as national health insurance, homelessness and affordable housing.

Now, this from reader William H. Lindsay, with credit to "The Far Side."



"Listen, you want to come over to my place? I get great FM."

Hanalei Publishing announces the 1993 edition of the *Traveler's Country Music Radio Atlas*, the first of the radio annuals to hit the presses so early in the year. A glove-compartment sized book with 80 pages, 49 of maps covering the 50 states and 10 Canadian provinces, can be yours for \$4.95 plus \$1.25 shipping for one copy; discounts for more. Order from Hanalei Publishing, PO Box 369, Port Hueneme CA 93044-0369. And, correct me if I'm wrong, Henry Studebaker, your town is pronounced "Port Y-Nee-Mee."

Rob Bates endured the emissions of a pirate on 89.1 in Bremerton WA earlier in 1992 using the call letters "KRAB," formerly used in Seattle on 107.7. He thought this was a new station, "but have not heard that station since then. What was funny about that station was that they were making fun of the lame music. During a song they would add a burp and other weird noises."

Dave Sinclair sent word about an application heard in Hull PQ for an English language FM station in Vancouver for 94.5. Western World Communications would surrender its licence for CKST AM 1040 if the FM were granted. The CRTC hearing took place Nov. 30; no word as to whether or not they have granted the new station. "It seems that AM radio is disappearing everywhere," Sinclair writes. "CKST 1040 has only been there since about last March; they previously had a lower power AM at Langley BC, about 80 km east of Vancouver. The station which had 1040 AM previously was on the air for only a little over a year with an oldies format and Larry King for nine hours."

A mystery lady on WQHT 97.1, "Hot 97" mornings is or was Stephanie Miller. Her father is more famous as Barry



Stephanie Miller: Goldwater girl or sex-starved shock jock?

Goldwater's running mate, the late William E. Miller. By the way, Stephanie is the only Democrat in the family," says the *Queens Tribune*.

Alex Nardacci sent several articles related to FM, including a "New York Times" piece (Feb. 7) on the top orchestras in classical music departing the airwaves.

Reasons range from high costs to stations wanting more control over their programming. A major factor is that sponsors are hard to find these days. Already the Philadelphia Orchestra and New York Philharmonic are off the air. The Boston Symphony Orchestra is on locally but not nationally. Barely hanging on are the Chicago Symphony Orchestra (where Amoco, long time benefactor, has asked for others to share in sponsorship, but Henry Fogel, executive director, has failed to find any) and the Cleveland Orchestra. When BP, an oil company, withdrew its sponsorship in December, the orchestra began distributing a 13-week series of Mozart concerts from its archive, hoping a new sponsor will be found by May. They are still looking, thinking they might find alternatives involving more than one sponsor. Even sponsoring a small orchestra can be expensive. Alamo Rent-A-Car pays \$250,000 a year for a series of concerts on a network featuring the seven-year-old Florida Philharmonic. The three-year 13-week hour-long series is heard on 43 stations across the U.S., and Alamo considers it a bargain.

Computers to replace FM? A new satellite service, "Internet Talk Radio," is set to start a 30-minute radio talk show on Internet, which links about 10 million high-tech executives and hobbyists. The show can be heard live on computers with speakers, as well as stored and later heard. As such systems develop they could compete with over-the-air broadcasting, causing Paul Saffo, a computer industry analyst in Menlo Park CA to say, "It's proof that the era of mass media is past." Computerized video may also come about, as network links are upgraded to fibre optics for VP Al Gore's "data superhighway."

Albany NY is a market where Howard Stern did not come out on top. WGNA-FM 107.7 is the ratings' leader, while WPYX's (106.5) Mason & Sheehan triumphed in the morning over WQBK-FM's (103.9A); Howard Stern Show. Cockily, Stern had said the "PYX pair would be "history" after his arrival.

WJJW *91.1 North Adams MA is operated by students of North Adams State College, and officials of the school are concerned that no obscene language is aired. A workshop to brief the students on use of language was conducted by an unnamed broadcast professional (Howard Stern?). Harris Elder, chairman of the English department said: "We're obligated to let students know that if they do things like they have been doing in the work world, people will just fire them."

Sending a report on Gerry Turro's buying WJUX *88.7 Franklin Lakes NJ for \$100,000 is Bill Nienajadly, who wonders about the efficacy of the combination of a 10-watt FM station and a translator: "What about WPSC *88.7

Wayne NJ, only 9 miles away?" Turro has hired some old friends as DJs, moved the studio to Dumont NJ, which is closer to the translator than to the primary, and claims coverage from Manhattan to Paterson. Underwriting announcements, rather than commercials, will be aired. It should surprise no one that Turro and colleagues are hoping to persuade the FCC for a power increase.

From Burlington IA Chuck Gysi sent word that John Pritchard will take advantage of duopoly rules and put a second FM on the air. He owns KKMI 93.5, and the contested frequency of 103.1 has been given up by Chip Giannettino, owner of KCPS AM. Giannettino wanted an FM to complement his AM, but said the toll of time and the cost soon convinced him to scrap the FM plan. While no CP has been issued, it is expected that the FCC will soon accept Pritchard's application. KCPS 1150 has had a ragged history. Founded in 1965, KCPS had been off the air when Giannettino bought it in 1987 and put it back on the air in 1988, but he claims it's had its best year ever in 1992.

Now ready: "Duncan's Radio Yearbook." Says Jim Duncan: "I believe "Duncan's Radio Yearbook" will be the only yearbook you will ever need. At only \$59.00 I feel it is a fine value." Order from Duncan's Radio Yearbook, 14595 Avion Pkwy., Ste. 500, Chantilly VA 22021.

Stanley Swanson, looking over a Mexican FM list, "found several [stations] that I did not know about. . . I recently ordered a complete Mexico list from Dataworld; their latest printout was up to 1985, with no definite plans to update! The latest word I heard regarding the U.S.-Mexico radio treaty is that nobody is pushing it. . . You state XHTIM on 91.5 Tijuana BN. I have it on 103.3, with XETRA-FM on 91.1 (second adjacent channel). Perhaps you can clarify this." [See above, pp. 2-3, "BN Tijuana," for word on XHTIM's existence on 91.5.]

Eric L. Nelson says "I have been a subscriber to the FM Atlas since the Eighth edition and a subscriber to FMedia! since its introduction back in 1987. I have thoroughly enjoyed the wealth of information these two publications have been providing." He's moved from PA to Charlotte NC. "As you can see, I have moved out of the crowded Northeast and into the Southeast, located in FCC Zone 11. . . I still have not grown accustomed to the much larger coverages of the Class C stations in this region. My JVC TX-900 FM tuner (which has been modified for greater selectivity) has no problems pulling in some Class Cs over 80 miles distant with a simple indoor dipole! . . . Let me say, however, that I am an avid FM enthusiast, who really enjoys reading the Newsletter and Atlas. . ."

Until April, *Bruce J. Elving*

The FM radio newsletter

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†No issue the month the "FM Atlas" goes to press; FMedia! averages 11 issues per year.

Volume 7, Number 4—April, 1993

New FM Station, Translator Grants

Translators have less than 100 watts unless indicated otherwise

- AL East Brewton 95.7 6000 h,v; 100 m, Escambia Creek Indian Bcstg. Co.
AL Mountain Brook W281AB *104.1 (WBFR 89.5 Birmingham translator), v[ertical]
AK Sitka K235AC 94.9 (KRSA 580 AM Petersburg), 400 watts h
AZ Lake Havasu City K278AA 103.5 (KGMN 99.9 Kingman), v only
AZ Prescott *90.9 55000 h,v; 758 m, Grand Canyon Bcstrs., Inc., see also "Deletions"
AR Forrest City K218BK *91.5 (WAFR 88.3 Tupelo MS), 250 h,v
CA Avenal 105.7 920 h,v; 182 m, A. Educational Services, Inc. [usa], 240 h,v
CA Chico K300AD 107.9 (KPPL 107.5 Col-/CA Sacramento K257DM *99.3 (KVMR 89.5 Nevada City), 170 h,v
CA Susanville K253AA 98.5 (KCMT 98.9 Chester), 250 h,v
CO Dolores K220DZ *91.9 (KSUT 91.3 Ignacio)
CO Manitou Springs K297AA 107.3 (KTLF 90.5 Colorado Springs), h,v, on air
L Crawfordville 94.1 6000 h,v; 100 m, Dash Communications, Inc. [Bcstg., Inc.]
FL Dade City 96.1 3800 h,v; 120 m, D. C./FL Fort Walton Beach WWSF-1 98.1, 20000-w booster (h,v) of Anniston AL station
GA Ringgold d 93.7 3000 h,v; 100 m, Teresa G. Bennett [m, the Lanes
HI Poipu (Kauai Island) 95.9 1130 h,v; 225/
ID Rexburg *91.5 100 h, -12 m, Ricks College
IN Bloomington W240AT 95.9 (WTTS 92.3 Bloomington), h,v
IN Howe *91.9 3000 h,v; 91 m, g, Maranatha Christian Fellowship [T. Pritchard
IA Burlington 103.1 11800 h,v; 145 m, John/IA Des Moines *89.3 grant to Minority Communications; denies license renewal of KUCB and the application of Iowa Acorn Broadcasting Corp. Same facilities as KUCB's.
KY Calvert City 95.7 3000 h,v; 100 m, Stice Communications, Inc.
MI Houghton-Hancock W260AC *99.9 (WHWL 95.7 Marquette), h,v
MN Arnold (Duluth) W296AV 107.1 (WUSZ 99.9 Virginia MN), rated by FCC at 32 w vertical, but claims to have 28 watts h & v with 100-watts into the transmission line. Other broadcasters in the area believe this translator is overpowered. It is on the WDIO (TV) tower. "As the applicant for Moose Lake 107.1, I will fight to get this translator, only 40 miles away, taken off the air." Regina Roebke is the owner and she is the sister of the manager of WUSZ, Frank Befers, Jr. "Gina's selling for us in Duluth. We are not overpowered. It's the tremendous height that helps it get out. I'm sorry Al Quarnstrom feels that way about us." [A. Persons
MN Brainerd 103.5 6000 h,v; 100 m, June/MT Great Falls K205CD *88.9 (KEAR 106.9 San Francisco CA via satellite), h
MT Lewistown K288EN 105.5 (KXEI 95.1 Havre), h [City], 250 h, 240 v
MN RedWing K241AC96.1 (KMFX 102.5 Lake/MO Boomville 93.9 6000 h,v; 100 m, Big Country of MO, Inc. [MO State U.
MO Chillicothe *88.9 38000 h,v; 160 m, NW/MO Lake Ozark 102.7 6000 h,v; 100 m, Herri n Bcstg., Inc.
MO West Plains K224CF *92.7 (KCMH 91.5 Mountain Home AR), 140 h,v, sited with KKDY 102.5 [Nine Bcstg., Inc.]
MT Kalispell 106.3 3900 h,v; 123 m, Cloud/MT Shelb K217BR *91.3 (KEMC 91.7 Billings), h,v [97.7 Anaconda], 250 h
MT Walkerville K262AB 100.3 (KGLM/
NV Caliente K272DK 102.3 (KSSD 92.5 Cedar City UT)
NV Reno *89.5 5000 h,v; -1, Univ. of NV (see also "Deletions," below)
NJ Washington W224AR 92.7 (WRNJ-FM 107.1 Belvidere), h,v
NM Conchas Dam (NW of Tucumcari) K272DJ 102.3 (KRST 92.3 Albuquerque), v
NM Deming K228DK *93.5 (KRWG 90.7 Las Cruces) [County Community College
NY Herkimer *91.5 350v, -35 m, v only, H./NY Southampton W233AC *94.5 (WPKT 90.5 Meriden CT) [son], h,v
NY Troy W230AC *93.9 (WHVP 91.1 Hud-/NC Princeton (also Goldsboro, Smithfield) W276AX *103.1 (WOTJ 90.7 Morehead City) [Youngstown]
OH Salem W260- *99.9 (WYSU 88.5/
OH Sandusky *89.5 2100 h, 5400v, 21 m, g, The Moody Bible Institute
OK Bartlesville K280EE *103.9 (KRPS 89.9 Pittsburg KS) [el o MS], 250 h,v
OK Norman K207BJ *89.3 (WAFR 88.3 Tup-/OR Eugene K230AB 93.9 93.9 (KYTT 98.7 Coos Bay), 230 v [Youngstown OH]
PA NewWilmington *W210- *89.9 (WYSU 88.5/
SC Blackville 97.9 6000 h,v; 100 m, Dallas M. Tarkenton [G&M Communications
SC Bucksport 107.9 36000 h,v; 174 m, /SC Clemson WCCP-FM 104.9 3000 h,v; 100 m, Golden Corners Bcstg., Inc.
TN Baxter 93.7 25000 h,v; 100 m, Joel R. Upton
TN Columbia W264AD 100.7 (VLLX 97.5 Lawrenceburg)
TN Hohenwald W67AB 101.3 (WLLX)
TN Lawrenceburg W210AU *89.9 (WAFR) 88.3 Tupelo MS)
TN Loretto W226AF 93.1 (WLLX 97.5 Lawrenceburg), 200 h,v
TN Pulaski W265AQ 100.9 (WLLX)
TN Shelbyville W217AG *91.3 (WAFR 88.3

- Tupelo MS), h,v
TN Tiptonville 101.3 25000 h,v; 100 m, WENK of Union City, Inc. [Humble], 250 h,v
TX Bryan K226AE *93.1 (KSBJ 89.3/
TX Eagle Pass *89.5 100000 h,v; 57 m, g, World Radio Network. It may replace the new 88.7 KBNL translator there. [150 h,v
TX Jasper K225AD *92.5 (KSBJ 89.3 Humble)/UT Manila and Dutch John (extreme N.E. UT) K212- *90.3 (KUER 90.1 Salt Lake City)
UT Park City K243AC *96.5 (KRCL 90.9 Salt Lake City), v [of Ponce station
PR Caguas WEUC-1 *88.9 250 h booster/
AB Medicine Hat *98.3 CBR-3000 h,v; replacing CJMH (AM), CBC [92.1 1100 h,v; CBR-AR Etzikom (SW Medicine Hat, ESE Lethbridge)/ON Kapuskasing 89.7 3000 h,v, Radio Communautaire; it had been opposed by CKAP (English) and CHYK (French) [1340 AM
PN Maniwaki CKMG 99.3 2400 h,v, replaces/

- ### Call Letters Assigned or Changed
- AR Paris 95.3 KERX (KCCL-FM), r
CA Garberville 103.7 KWEO
CA Indio 102.3 KLCX
CA Joshua Tree 92.1 KHWX
CA San Luis Obispo *89.3 KWCP
CA Victorville *89.5 KXRD (KYUB)
CO Pagosa Springs *105.3 K287AA
CO Rocky Ford 95.9 KHUG (KAVI-FM)
DE Bethany Beach 103.5 WJTI
FL Samsula *88.7 WKTO (WTKO)
FL Silver Springs 95.5 WWGO (WGGO-FM), "Go 95.5," returning to former calls
IL Taylorville 92.7 WQLZ (WTJY), r, duopoly with WNN5 98.7 and AM Springfield
IN Lafayette Township *91.1 WJTI
IN New Washington *88.3 WJTE
KS Clearwater 98.7 KSPG (KSQB)
KS Dodge City *91.9 KONQ (KINF-FM)
KY Louisville 103.9 WHKW (WZKS), "Country 103.9" [in Golden Meadow
LA Galliano 94.3 KLEB-FM (KBAU), k, AM is/
MD Federalsburg 107.1 WWPL (WQMR), b, in a duopoly with WAAI 100.9 Hurluck
MI Sault Ste. Marie *90.1 WLSO
MN Fergus Falls 103.3 KZCR (KBRF-FM), op
MN Lake City 102.5 KMFX (KQLW), k, "Fox," no longer simulcasting KQCL 95.9 Faribault
MN Sleepy Eye 107.3 KWCC
MN Virginia 99.9 WUSZ (WC DK), "USA Radio 99.9 and Metro 107.1" (strict)
MO Canton 100.9 (moved from 102.3) KRRR (KBXB), op
MO Kansas City 104.3 KBEQ-FM (KBEQ; AM is in Blue Springs MO)
MO Springfield *88.3 KWND (KVYU)
MT Bozeman 99.9 KZLO-FM (KZLO)
NV Sparks 100.9 KNDE (KKMR), r, now co-owned with KZAK 100.1 Incline Village
NH Gorham 107.1 WJTK

NH Moultonborough 106.9 WSCY (WNHX)
 NJ Ocean City *91.3 WJTF
 NY Highland 107.3 WRWD-FM (WRWD); AM is in Croton-on-Hudson
 NY Huntington Station *91.3 W217AF
 NY Morristown 102.9 WNCQ-FM (WNYP), AM is in Watertown
 NY Noyack *103.3 W277AB
 NY Ridge *91.7 W219BA
 OH Dayton 107.7 WMMX (WWSN)
 OK Poteau 97.9 KZTR (KZBB), "Star 98", still r, "hot AC"
 PA Harrisburg 99.3 WIMX-FM (WIMX-FM); AM gets new calls
 PA Murrysville *88.1 WRWJ (WLGW)
 PA Oliver 94.9 WASP-FM (WXAK), AM is in Brownsville PA ["Smooth Jazz 106" (strict)
 PA Philadelphia 106.1 WJJZ (WEGX), j, /
 SC Bamberg 92.1 WWBD (WWLT)
 SC Pawleys Island 100.3 WSEA (WPAW)
 SC Walterboro 100.9 WPAL-FM (WNTC), s, \$, on air, to 25000 h,v; 100 m, d-a, C3; AM is in Charleston [-FM (KZMX), o
 SD Hot Springs 96.7 KZMX- / (KIGTR), k
 SD Huron 99.1 (moving from 92.1) KZNC / TN Clinton *89.9 WJTD
 TN Germantown 107.5 WAGK
 TN Millington 98.1 WYKL (WPYR), "Kool 98"
 TX San Angelo 92.9 KDCD (KBIL-FM), k
 TX San Antonio 96.1 KSJL-FM (KSAQ), sr
 UT Brigham City 100.7 KIDZ (KDOE)
 VA Bridgewater 105.1 WAMM-FM (WRDJ-FM), rm, AM is in Woodstock VA
 BN Tijuana 98.9 calls are XHOF (not XHQF, which is in Mexico DF—see March, p. 2, col. 3)

Facilities Changes Granted

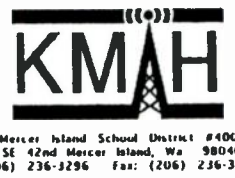
AK Anchorage KWHL 106.5 310 m (100000 h,v)
 AK Juneau K300AB 107.9 (from K296CZ 107.1)
 AZ Yuma K240CK 95.9 (from K244CW 96.7)
 AR DeWitt KDEW-FM 97.3 (from 96.7) 50000 h,v; 149 m, C2, adds vertical [C3
 AR England KLRA-FM 96.5 10600 h,v; 151 m, / CA Bakersfield KTQX *90.1 61 m (3000 h,v)
 CA Copperopolis (new) 105.5 580 h,v; 224 m, grant to Threshold Communications
 CA Greenacres KRAB 106.1 (from 106.3) 25000 h,v; 100 m, B1 [BT 107.1)
 CA Laytonville K211BW *90.1 (from K296- / CA Lenwood KGXY 96.9 3000 h,v; 144 m
 CA Magalia KWXP *88.3 1140 h,v; 419 m
 CA Quincy KSPY 100.3 250 h,v (151 m), C3, strangely
 CA Santa Rosa KZST 100.1 74 m (3000 h,v)
 CA Tipton (move from Lemoore) KQYZ 104.9 25000 h,v; 100 m, B1
 CO Carbondale KDNK *90.5 862 m (220 h,v)
 CO Cortez K265- *100.9 (from K215AQ 90.9)
 CO Grand Junction KPRN *89.5 363 m (100000 h,v)
 FL Naples WSRX *89.5 20000 h,v (76 m), C3
 FL Naples Park WIXI 105.5 7100 h,v; 181 m, C3
 FL Orlando WUCF *89.9 3300 h,v; 56 m
 FL Springfield WRBA 95.9 50000 h,v (86 m) [m)
 FL Titusville WPIO *89.3 6800h, 10000 v (91 / GA Fort Valley WVVY 97.9 10500 h,v (90 m), rm, "Variety 97.9," in a duopoly with WQ8Z 106.3 Fort Valley and no longer with WFXM 100.1 Forsyth GA.
 GA Jeffersonville WWST 93.7 (from 97.5) 29500 h,v; 197 m, C2
 GA Martinez WGOR 93.9 13000 h,v; 139 m, d-a
 GA Hazlehurst WVOH-FM 93.5 50000 h,v; 96 m, C2 [m, back to
 ID Sun Valley KWRV *91.9 100 h,v; -156 / IN Anderson WQME 98.7 6000 h,v (100 m)
 IN Auburn WIFF-FM 102.3 (moved from 105.5

k, parallel to WGTC 102.3 New Carlisle, which it plans to buy
 IN Indianapolis is WICR *88.7 still using FMX, so that system "regrettably is not dead... I can very easily tell it's on when driving through an area of multipath and listening to certain types of music, especially solo instruments or pieces with well focused central instrument. Have confirmed its use with chief engineer."
 IN Terre Haute WLEZ 102.7 28000 h,v; 201 m
 KS Topeka KESC 99.3 (from 92.5)
 KY Horse Cave WLMK 106.7 2900 h,v; 145 m
 KY Winchester WWYC 100.1 32000 h,v; 149 m
 LA Reserve WADU-FM 94.9 11300 h,v; 148 m, C3 [(having moved from 93.5)
 LA Ville Platte KPVI-FM 92.5/ [m
 ME Kennebunkport WXPT 104.7 2500h,v; 107 / MN Hermantown W280CT 103.9 changing primaries from WUSZ 99.9 Virginia to WEVE-FM 97.9 Eveleth
 MN Rochester KFSL *92.9 6000 h,v (98 m)
 MO Springfield KXUS 97.3 177 m (100000 h,v), transmitter to Fordland, where KTTS-FM 94.7 is. KTTS-FM's SCSounds clear, but not that of KXUS, which sounds "crummy like installing a defective SCS adapter in a cheap radio. When I called, they were very paranoid, telling me, 'how did you know of such a move [to Fordland] ... who are you?' [m)
 MT Great Falls KMON-FM 94.5 36000h,v (143 / MT Helena KVVJ *103.1 30000 h,v; 207 m
 NV Reno KTHX 101.7 2800 h,v; 151 m
 NV Sparks KSRN 92.1 4100 h,v; 119 m
 NH Belmont WCNH 93.3 300 h,v; 311 m
 NH Dover WOKQ 97.5 has d-a (not "WDKQ," as in last month, p. 2, col. 3)
 NM Mount Taylor (from Grants) K272BU *102.3. It cannot be heard in Grants, but serves the area to the north and feeds K204AK *88.7 Hospah.
 NM Pine Hill (from Ramah) KTDB *89.7. "The FCC keeps licensing us to Ramah, but we have moved and ID only as Pine Hill, yet the FCC refuses to change their database."
 NY Ithaca W292AD 106.3 (from W299AA 107.7)
 NY Rochester WRUR *88.5 3000 h,v; 106 m
 NY Selden W284AC *104.7 (from W228-- 93.5), 250 h
 NC Atlantic WTKF 107.3 7000 h,v; 185 m, C3
 NC Hickory WPAR *88.1 20000 h,v (79 m)
 OH London WCKX is on 106.3 (not 106.9, as shown on FM Atlas-14, p. 42)
 OH New Philadelphia WKRJ *91.5 73 m (3000 h,v), d-a
 OK Shawnee (new) 95.1 432 m (100000 h,v)
 OR Klamath Falls KAGO-FM 99.5 60000 h,v (303 m), C1
 OR Seaside KBRD 98.1 (from 94.7)
 PA Hawley WYCY 105.3 3300 h,v (100 m)
 RI Bristol WQRI *88.3 200 h,v (23 m)
 RI Middletown WOTB 100.3 4200 h,v (90 m)
 SC Allendale WDOG-FM 93.5 6000 h,v (91 m)
 SC Columbia WARQ 93.5 2800 h,v (135 meters above average terrain)
 SD Canton KIXK 102.7 50000 h,v; 150 m, and this station granted an extension of its construction permit
 SD Rapid City KOUT 98.7 136 m (100000 h,v)
 TN Columbia WAYM *88.7 3700 h,v; 152 m
 TN Knoxville WUTF-FM *90.3 800 v, 21 m, changes from h to v
 TN Lebanon WJFM 98.9 5000 h,v; 97 m
 TX Borger KQFX 104.3 175 m (100000 h,v)
 TX Cameron KJKS 94.3 (from 101.3)
 TX Wichita Falls KTEO *90.5 7000 h,v (214 m)
 VA Culpeper WPBV *89.9 148 m (12000 h,v)
 VA Exmore WKRE 107.5 82 m (50000 h,v)
 WA Mercer Island KMIH *104.5 14 h, 71 m. "In your recent 1992 publication of FM Atlas, I

observed that KMIH was not listed as one of the FM radio stations serving the Seattle WA area." It is on 6 a.m. to 11 p.m. Monday through Friday, monophonic, and only when school is in session.
 WA Seattle KIRO-FM 100.7 327 m (100000 h,v)
 WV Charleston WVAF 99.9 144 m (50000 h,v)
 WI Green Bay WGBW *91.5 710 h,v; 226 m, Class A
 WI Minocqua WMQA-FM 95.9 88 m (25000 h,v)
 WI Wausau WCLQ *89.5 8500 h,v (100 m), C3
 WI Wisconsin Dells WNNQ-FM 106.9 (from 107.1)
 PQ Fort Coulogne CHIP 101.7 (from 101.5) 11900 h,v. Power increase makes CHIP-1 unnecessary (see "Deletions" below)
 BN Tijuana XHTIM 91.7 (from 91.5), "finally." Now Im, "mariache bands and mournful Mexican ballads." "Estereo Fiesta" (from "My Kind of Station—Estereo Rey"), all Spanish. "Sounds like it is broadcasting from a cave [due] to excessive reverberation, echoes and ambience. DXers will easily distinguish this signal from the other stations on 91.7. Its move has significantly reduced the interference between XHTIM and XETRA-FM 91.1. This situation illustrates a shortcoming inherent in the existing FCC kilometerage separation tables—the same separations are often specified for 400-kHz-spaced assignments and 600-kHz-spaced assignments. The 600-kHz table columns do not accurately approximate the reception characteristics of 'modern-day' (post-ceramic-filter) FM receivers. Few, if any, receivers have IF selectivity curves where the response at 400 kHz is substantially the same as the response at 600 kHz. As a practical matter, all else being equal, assignments spaced apart by 600 kHz cause considerably less interference to typical consumer radios, as opposed to assignments spaced apart by only 400 kHz. This effect was observed in the XHTIM-XETRA-FM situation, where the spacing was changed from 400 kHz to 600 kHz, but all other relevant factors remained the same."

Stereo—or to Le Stereo

AL Trinity WAZK 92.5
 AL Centre WRHY 105.9, r, "Y-106"
 AL Millbrook WMCZ 97.1, "CZ-97"
 AL Tuskegee WACQ-FM 99.9, r
 AR Little Rock KYFX 99.5, js
 IN Ellettsville WGCT 105.1, ID with Bloomington
 KS Minneapolis KILS 92.7, ID with Salina
 KS North Fort Riley KBLS 102.5
 MI Bridgman WCSE 96.5 b, "Cosy 97.5 and 98.3" (with South Haven, see "Formats")
 MI Lakeview WRIZ 106.3 FCC OKs sale to Kotes, \$, r expected soon return to air
 MI Lansing WLNZ *89.7, j days, p nites, expected on by 1-94 [92.1 Starkville
 MS Columbus WKIR 94.9 k, with WKOR-FM / NY East Hampton WEHM 96.7 [105.9"
 NY Rochester WJZR 105.9, j, "North Coast / OH Archbold WBCY *89.5
 OH Lorain WNZN *89.1, all Spanish
 OH Maumee WYSS *89.3, ID with Toledo
 OH Upper Sandusky WXML *90.1, g
 OK Byne KYKC 100.1
 OK Locust Grove KEMX 94.5 gr, parallel to KXOJ-FM 100.9 Sapulpa [(from "Beaver")
 PA Beaver Springs WWBV 106.1, "V-106.1"
 SD Sisseton KSWs *89.3, expected on in next 12 months. "Our music format has not been decided." [WKNO-FM 91.1 Memphis
 TN Dyersburg WKNO *90.7 c, parallel to / Monophonic
 NY Lake Luzerne WBAR-FM 94.7, although hard to get to the S.E. because of WRAV 94.5 Ravens



NY Wellsville WJQZ 93.5, "monophonic now; this has gone on for some time so I doubt it is technical problems."
 OK Eufula KCES 102.3, "still no stereo"
 WA Gig Harbor KGHP *89.9

Format Changes

Formats are the same as in the "FM Atlas"

AL Attalla WKXX 102.9 k, still "Kicks 103"
 AL Bay Minette WFMI 106.5 mr
 AK Ketchikan KGTW 106.7 r
 AZ Springerville KQAZ 101.7 rm
 AR Little Rock KKYK 103.7 rp, "Kick 103.7"
 CA Garberville KBEY 104.7 rm, LMA with KXGO 93.1 Arcata
 CA Indio KLCX 102.3 op
 CA Oxnard KCRU *89.1 jc, parallel to KCRW 89.9 Santa Monica
 CA San Francisco KDBK 98.9 r ("hot AC"), "Star 99 FM" (from "Double 99 FM")
 CA San Jose KOMA 98.5 rt, adding Howard Stern nights
 CA Santa Cruz KDBQ 99.1 r, "Star 99 FM" (from "Double 99 FM") [107.9"]
 CO Grand Junction KBKL 107.9 o, "Kool"
 FL Orlando WDIZ 100.3 r, morning simulcast with WYNF 94.9 Tampa ends; carried "defunct Ron & Ron" show.
 FL Safety Harbor WYUU 92.5 o
 FL Sarasota WAYG *89.1 gr, parallel to WAYJ 88.7 Fort Myers [to WAYJ]
 FL West Palm Beach WAYF *88.1 gr, parallel to GA Camilla WQVE 105.5 sr
 GA Gordon WNEX-FM 107.1 m [on by 8-31
 GA Martinez WKBG 107.7 to be gr, hopes to be/
 GA Sylvester WKMK 102.1 r, "Mix 102"
 HI Hilo KAQE 92.7 rp, parallel to KAOL-FM 95.1 Wailuku
 ID Sun Valley KSKI-FM 103.7 r, parallel to KZYR 103.1 Avon CO as part of the "Rocky Mountain Network"
 IL Champaign WEFT *90.1 pj and "ethnic are what we do most."
 IL Joliet WLLI 96.7 r, "mainstream"
 IL Mahomet WHZT 105.9 p, Z-Rock (from "The Heat")
 IL Rantoul WLTM 96.1 r, "Eagle 96," in an LMA-to-buy with WZNF 95.3 and AM
 IN Battle Ground WIIZ 98.7 p
 IN Bremen WYEZ 96.9 mr, \$[tereo]
 IN Decatur WQTZ 105.1 (moving from 92.7) k, parallel to WQHK 1380 Fort Wayne and LMA with WMEE 97.3, "stations which once sued it"
 IN Fort Wayne WFWI 92.3 k, parallel to WGTC 102.3 New Carlisle and WIFF-FM 102.3 Auburn
 IN Ligonier WLNB 102.7 k, parallel to WGTC, which has an option to buy WLNB
 IN South Whitley-Warsaw WLZQ 101.1 rm, "Q-101" [(from "B-106")]
 IN Washington WRTB 106.5 k, "Bullet 106"/
 KS Colby KQLS 100.3 r, hot AC
 KY Cadiz WKDZ-FM 106.3 k
 KY Shepherdsville WEHR 105.1 r
 LA Bastrop KTRY-FM 94.3 sr
 LA Haynesville KWHN-FM 105.5 g, mono, remove \$ listing
 LA Laplace WCKW-FM 92.3 r
 LA New Iberia KXKC 99.1 k
 LA New Orleans WYLD-FM 98.5 sr, duopoly with WQUE-FM 93.3 and AM

LA Opelousas KOGM 107.1 o, SMN Kool
 LA West Monroe KYEA 98.3 sr
 MI South Haven WCSY-FM 98.3 b, parallel to Bridgman (see "Stereo," above)
 MN Richfield KDWB 101.3 rs, with urban Friday and Saturdays, 9 p.m. to 1 a.m.
 MS Gulfport WQFX-FM 96.7 op, duopoly with WXLN-FM 107.1 and AM Gulfport
 MS Meridian WXHT 102.1 rm, "Star 102"
 MO Columba KCMQ 96.5 k, "Kicks 96.5" (moving from 96.7), duopoly with KCLR-FM 99.3 Boonville
 MO Moberly KZZT 105.5 r, SMN Hot AC
 MT Billings KZLS 97.1 o, "The Bear" (from "Z-97"), in an LMA-to-buy KGLM 97.7 Anaconda
 NE Crete KKNB 104.1 p, "modern rock," now "Planet 104" (from "B-104")
 NV Las Vegas KEDG 103.5 p, "modern rock"
 NV Pahrump KFBI 107.5 rt, "shock and classic rock," with Howard Stern live 3-6 a.m. PDT
 NH Moultonborough WSCY 106.9 k, co-owned with WFTN-FM 94.1 Franklin
 NM Gallup KGLP *91.7 pe, with about 40% of its programming coming from KSUT *91.3 Ignacio CO
 NY Ellenville WWWK 99.3 r, "hot AC"
 NY Rochester WJZR 105.9 jm, "jazz/new age," "North Coast 105.9"
 NC Burgaw WVBS-FM 99.9 k, duopoly with WSMF 107.5 Southport NC
 ND Bismarck KBYZ 96.5 op
 ND Fargo WDAY-FM 93.7 rm
 OH Circleville WTLT 107.1 sr, apparent LMA with WVHT 105.7 Marysville OH, with the format going to 1540 AM. Just before the change was a brief announcement, "The light, 107.1 FM has moved. It can now be heard on 1540 AM, WNRJ Circleville."
 OH Cleveland WLTF 106.5 rm
 OH Gallipolis WMGG 101.5 r, "Magic 101"
 OH Springfield WAZU 102.9 op, part of a duopoly with WGTZ 92.9 Eaton-WING AM
 OK Ada KADA-FM 96.7 k, parallel to AM
 OK Henryetta KSTM 99.5 k, "Kick 99" (from "The Storm")
 OK Lawton KKRX-FM 98.1 rm
 OK Pauls Valley KGOK 97.7 k
 OR La Grande KUBQ 98.3 rm
 OR Lincoln City KCRF 96.7 o
 PA Ebensburg WIYQ 99.1 rp, parallel to WQWK 97.1 University Park pending sale
 PA Media WKSZ 100.3 r, "Z-100" (from "Kiss 100"), drops sex talk. Guess who objects to that moniker? None other than "Z-100," WHZT 100.3 Newark-New York city. Seems WHZT is concerned about citizens living in the in-between zone who might be confused by two stations with the same nonID [talk
 PA Olyphant WZZV 95.7 tr, adding SEN sports/ [104")
 PA Scottdale WLSW 103.9 r, "Power 104" (from "FM/
 PA Scranton WGGY 101.3 k, "Froggy 101.3," duopoly with WKRZ 98.5-WILK AM Wilkes-Barre
 PA Starview WHTF 92.7 r
 SC Andrews WGTN-FM 100.9 r, "G-101"
 SC Clearwater WSLT 98.3 mr, "Lite 98," duopoly with WKXC-FM 99.5 Aiken
 SC Seneca WBFM 98.1 o
 TN Karns WWZZ 93.1 r, "Z-93" (back to, from "Young Country"), LMA with WOKI 100.3 Oak Ridge

TN Newport WNPC-FM 92.9 k
 TN Oak Ridge WOKI 100.3 k
 TX Edinburg KVLV 107.9 rm
 TX El Paso KAMZ 93.1 r, still "Z 93"
 TX Killeen KMXX 93.3 still k, now in an LMA-to-buy KLBK-FM 93.7 and AM Austin
 TX Monahans KCDQ 102.1 kr
 TX New Boston KTKX 103.5 r, temporarily off the air, but being sold
 WA Bellevue KBCS *91.3 jf
 WV New Martinsville WNMR 103.9 rm
 WI Port Washington WGLB-FM 100.1 b

On Air and DX Ready (Selected)

AK Anchorage KRUA *88.3 with the U. of AK administration receiving complaints about its music being offensive. It has come under departmental scrutiny because of programming "that includes sexually explicit and profanity-laced songs." Student Senator Mike Muller received 26 student complaints that lyrics on KRUA were offensive, and he began to question station manager Suzi Pearson. Pearson (pictured) defended the program-



ming, saying "KRUA was only following a long tradition of alternative college radio." She said, "If it weren't for the college stations playing new kinds of music in the past, you wouldn't have the classic rock of today. This is what college radio is about. There is profanity in some of the music, but I see an artistic value there. . ."

AR El Dorado KBLT 96.1, having moved from 95.9 with \$.
 KLBQ 99.3, not yet having moved to 98.7.
 FL St. Augustine WSTF 97.9, having moved from 97.7, "The New Star 97.9."
 KS Ogden KQLA 103.9 3000 h,v, not yet moving to 103.5.
 NJ Oakhurst W244AS 96.7, but primary WOBM "does not seem to have gained many new listeners from the deal," and the translator may be shut down.
 TN Manchester WWTN 99.7, still mono, talk, but in bankruptcy, removing David Manning as



general manager. New manager Ron Hale would not discuss any plans for the station. The FCC has approved transfer to John C.

McLemore, Esq., trustee in bankruptcy (from American General Media-Nashville, debtor-in-possession).

ENGLAND—Classic FM, 100-102 mhz, in stereo. Its programs are given in the BBClassical program listings, even though this is a separate, commercial service.

Off Air—or Not Yet On

- AL Demopolis WZNJ 106.5
- AL Marion WJAM 97.5
- AK Anchorage KXDZ 103.1, but sale to Chester P. Coleman application filed with FCC. It's been off since 1988.
- AR Camden KWEH 97.1
- AR North Little Rock KZQA 101.1
- FL Arcadia WOKD-FM 98.3, along with WKGF 1480 AM
- FL Chattahoochee WUMG 105.3 [a C3]
- GA Waynesboro WYGW *107.1, upgrading to/ LA Lafayette KRRQ 95.5
- LA Monroe KLIP 105.3
- MI Marquette WUPX *91.5. "Everything's in limbo with the legislature. We're not sure whether or not it'll be stereo, either."
- NV Las Vegas KEDS *88.7
- KRBO 105.1
- OK Ardmore KRDM 96.5
- OK Spencer KROU *105.7
- PA Avis WDKK 99.9, along with Loyalsok translator, "broadcasting white noise, and occasionally WYYS 99.9 Cordland" NY
- SD Darlington WDAF-FM 105.5
- TX Gainesville KPXG 107.9

Deletions (above)

- AZ Prescott KNAU *90.9 translator (see "New,"/ AZ South Tucson K280CE 103.9
- AR Wilson KOSE-FM 103.7, and denied extension of time to build
- GA Hardwick W220AM *91.9, plus FCC dismisses application to move to 90.3 at request of applicant
- MI Benton Harbor WXSJ *94.9 (above)
- NV Reno *89.3 KHAP translator, see "New,"/ NM Pine Hill K265BW *100.9
- NM Ramah K217AH *91.7—these two unnecessary after primary KTDB *89.7 Pine Hill increased power
- OR Agate Beach K219BJ *91.7. Has been off the air "for a while." Family Radio claims they want a different frequency, but "I don't know why. The originating station, KQFE *88.9 Springfield OR, comes in just fine in the area." [call letters]
- TX Cotulla KDCY 97.7—FCC deletes license and/ PQ Chapeau CHIP-1 94.5 (see "Facilities")

SCS Services, 67, 92 kHz

Symbols are as in the "FM Atlas"

- GA Macon WPEZ 107.9 no SCS: "92 kHz tP not heard in quite some time."
- IL Mount Vernon WMIX-FM 94.1 tM,X
- IN Evansville WIKY-FM 104.1 tM,R
- LA Shreveport KDAQ *89.9 tP, 92
- KITT 93.7 tP, 92
- KWKH-FM 94.5 tR, 92 (tM, 67)
- KRMD-FM 101.1 tM, 67; tP, 92—three paging stations in Shreveport!
- MD Morningside WPGC-FM 95.5 tT, 67; tE, 92, Korean-American Broadcasting Co. (KABC), which has sued "KABC," Korean American Broadcast Communication of Annandale VA (on the 92 of WAMU *88.5 Washington DC), for using tunable SCS radio. WPGC-FM's 67 is for the business talk signal vacated by WPGC (AM), and using modified G-E Super-radio III's supplied by Compol in NH.
- MO Cape Girardeau KGMO 100.7 tR,X
- MO Farmington KTJJ 98.5 no SCS, carrier only
- MO St. Louis KSD 93.7 tM,R
- KEZK 102.5 tM,R
- NY New York WFUV *90.7 still tE, 67, Mandarin Chinese, no 92. "We would like a 92, but not a radio reading service. We want a commercial service where we can make some money."



TX El Paso KVER *91.1 tG, 67 kHz, Moody Network. Its 92 is tU, telemetry. Station is on the air, \$(tereo), g, and Spanish on main channel (English on SCS).

UT Salt Lake City KISN-FM 97.1 tG, 67, LDS church services and business announcements "I guess the radio did not turn out like I thought. . . You can hear the main station in the background. Not as good of quality as I expected."

"My Gran Prix [with SCS] works great! I hooked it up to our roof top antenna!"

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 top of hour)

- AL Montgomery WLWI-FM 92.3 Bama's Best Country
- WLNE-FM 96.1 Lite FM 96
- AL Troy-Montgomery WZHT 105.7 Hot 105, not "Hot 105.7" [ic 107.9, KEZA"]
- AR Fayetteville KEZA 107.9 uses calls, "Mag-/ AR Marion KFTH 107.1 The Touch
- CO Delta KKLY 95.1 Mix, still r, "Hot AC"
- FL Punta Gorda WIKX 92.9 Kix 92.9 Country
- LA Alexandria KFAD 93.9 Magic 94
- LA Baton Rouge WYNK-FM 101.5 uses calls, not "the Wink handle" ["EZ 104"]
- LA Bunkie KEZP 104.3 Oldies 104 (from/ LA Oakdale KICR-FM 98.7 Hot Country 98.7 FM (from "Magic 98")
- LA Ruston KXKZ 107.5 Kicks 107.5 (from "Kicks Country") [107.1]
- MS Oxford WQLJ 93.7 Q-93, having moved from/ MS Wiggins WUSD 97.9 US-98 [KTLS"]
- OK Ada KTLS 93.3 uses calls, "Star 93.3,/ OK Hugo KITX 95.5 Super Fun Country Kicks 96 [KAYI," dropping "K-107"]
- OK Muskogee KAYI 106.9 uses calls, "106.9/ OK Perry KASR-FM 105.1 Star 105
- OK Poteau KZBB 97.9 98 FM, Where You Are the Star, no longer parallel to KMCK 105.7 Siloam Springs AR
- KBCY 107.3 uses calls, "Sunny 107.3, KBSY"
- OR Florence KDUK-FM 104.7 The Duck
- PA Mount Carmel WSPI 99.7 Spy 99.7, \$(tereo)
- TX Paris KBUS 101.9 K-Bus (from "101.9 The Bus")

Multi-City IDs in Use

- AL Millbrook WMCZ 97.1 with Montgomery
- MN Eden Prairie KCFE 105.7 with Minneapolis-St. Paul
- NY Webster WDCZ 102.7 with Rochester
- PA Butler WLER 97.7 with Grove City (not with Pittsburgh [north])
- TN Germantown WGGY 94.1 with Memphis, having moved from 94.3

AM Happenings Most Likely Caused by FM

- CA Concord KWUN 1480 silent
- FL Avon Park WKHF 1390 silent
- FL Cantonment (Pensacola) WJBW 1090 had standards, talk, becomes reading of books for the blind, "The Voice of Print." Stealing the show from SCS?
- FL Jacksonville WCRJ 1530 silent
- IN Decatur WADM 1540 silent
- KY Whitley City WEQO 1220 FCC dismisses renewal of license, deletes call letters
- NC Camp Lejeune WWOF 1580 "silent for repairs"
- NC Kannapolis WGTL 870 silent
- OK Pryor KMYZ 1570 believed off the air. "Couldn't pick them up and they are no longer in 'Z-104.5's' ID."

PA Scranton WTSS 1320 silent

TN Harriman WWBR 1600 FCC deletes call letters

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 Bentonville 95.7A, Apr. 26, May 11
- CA Corning 100.7C1 for B, KCEZ, May 17, June 1 [-FM, Apr. 26, May 11]
- CA Crescent North 97.9C for C3, KPOD/ CA Oakhurst 103.1A for 107.1A, KAAT, with Firebaugh (no information supplied on Firebaugh CA petition)
- CO Glenwood Springs 92.7A, Apr. 22, May 7
- HI Kealahou 101.5C1 for C3, KAQY, May 7, 24 [7, 24]
- ID American Falls 104.1C1 for A, KOUU, May/ MD Pocomoke City 92.5A, May 17, June 1
- MN Tracy 105.1C3 for A, KARL, Apr. 22, May 7
- MO Asbury 103.5C for A, KWXD, May 17, June 1 [with Los Lunas]
- NM Espanola 92.9C3 for 102.3C3, KIOT,/ NM Los Lunas 102.5C for 102.5C2, KOYT, May 13, 28 [with Marion]
- SC Camden 102.7A for 94.3A, WPUB,/ SC Latta (from Marion) 94.3C3 for 94.3A, WWPB [May 7, 24]
- TN Colonial Heights 105.9C3 for A, WLJQ,/ TX Temple 101.7C3 for A, new station, Apr. 26, May 11 [26, May 11]
- VA South Hill 98.9C3 for A, WSHV, Apr. /

FM Rulemakings Finalized

Dates are when FCC filing windows are open

- AL Northport 100.7C3 for A, WLXY; deleted 100.5A at Northport
- AL Repton 101.1A, May 11-June 10
- AZ Bagdad 103.9A, May 11-June 10
- AR Dardanelle 102.3C3 for A, KWKK
- CA Alturas 101.3C for 94.5C1, KYAX
- FL LaCrosse 99.5A—FCC stayed the Mar. 19-Apr. 19 filing window and the effective date for substituting 99.5C for C1 at Douglas GA, affecting WDMG-FM.
- IL Carlyle 96.7A, May 7-June 7; dismissed bid to add 96.7A to Dix or Mount Vernon or 96.5A to Flora.
- IN Ferdinand 98.5A, May 7-June 7
- IA Belle Plaine 95.5C3 for A, KNJS
- KS Olathe 92.3C3 for A, KCCV-FM
- KS Silver Lake 92.5A, May 3-June 1
- KS Topeka 99.3A for 92.5A, KESC
- KY Bowling Green 93.3A for 98.3A, WDNS
- KY Elizabethtown 98.3C3 for 98.5A, WQXE
- MS Macon deleted 100.5A
- MO California 94.3C2 for A, KZMO-FM
- MO Rolla 106.3A for 94.3A, QOMX
- MT Columbia Falls 95.9C2 for A, KCVX
- OK Lawton 94.1C2 for 94.3A, KQLI
- OR Seaside 98.1A for 94.7A, KBRD
- TX Brenham 94.1C3 for A, KULF
- TX Cameron 94.3A for 101.3A, KJKS
- TX Centerville 105.9A for 103.1A
- TX Ganado 104.5C3, Apr. 16-May 16
- TX Hearne 103.1A for 94.3A, KHRN
- TX Hempstead 105.3C3 for A, KEZB
- TX Jourdan 95.7A, May 3-June 1
- TX La Grange denied KBUK 104.9C bid from A
- TX Matagorda denied 104.7A bid
- TX Port Comfort 94.1C, Apr. 16-May 16; denied

bid to add 104.9A to Port Comfort.
 TX Rollingwood denied 104.9A bid
 TX Rosenberg denied KMIA 104.9C1 for a bid
 TX Seadrift 105.1A, Apr. 16-May 16
 TX Three Rivers 94.5C2, Apr. 20-May 20. FCC
 denied KBSO Corpus Christi bid to change
 from 94.7A to C2.
 WA Camas 94.7C2 for C3, KMUZ-FM

FCC Plays Into Hands of Pirates; Upholds Dismissal of Application to Share Time With WNYE New York

The Commission has upheld the dismissal of an application by Westchester Council for Public Broadcasting (WCPB) to share time with noncommercial WNYE *91.5 Brooklyn. WCPB filed its application on April 30, 1984 in timely fashion against WNYE's license renewal. On May 14, 1985, WCPB's application was dismissed by the FCC staff for failure to respond to an official FCC request for more information and for failure to prosecute the application.

The FCC said there was no evidence that any of the required information had been filed, and the Mass Media Bureau had acted properly in dismissing the application. Makes me wonder if WCPB's application was thrown out on a technicality, rather than the FCC's having to tackle the real issue—whether WNYE is a fit licensee for use of a channel that is not fully utilized in the crowded NYC market—or does the FCC have the interests of pirates in mind when it apparently endorses less than fulltime use of the 91.5 facility?

NFCB Confab in Minneapolis Draws 315, Tackles Issues Facing Community Radio

A cold early April greeted the 315 delegates from as far as Alaska to the National Federation of Community Broadcasters at the Minneapolis Holiday Inn Metrodome Hotel. Lynn Chadwick, president, reported that long-range funding for community stations was a priority at the board meeting held at the beginning of the confab. Community broadcasters ranged from native American outlets, some in incredibly small towns like Pine Hill NM (KTDB); others are affiliated with universities and not qualified for full membership. Large market stations like WFUV *90.7 New York and several Pacifica stations were there. People I enjoyed meeting included Ralph Jennings of WFUV, Dan Cooley ("Dr. Science," of the IA Radio Project), Don Mussell, engineer/consultant, and user of some of my SCS devices from Staunton VA, and "Dr. Radio," Gray Frierson Haertig of Milwaukee OR.

Much of the time I was near the engineers' table in the commercial exhibit area. The engineers get to exhibit free, said the NFCB's David LePage, because they provide a service to the membership. Don Mussell walked me through programs

like "Search FM," devised by Doug Vernier of Cedar Falls IA. The computer screen came alive with colorful maps of regions of the country, showing open FM channels and opportunities to place full powered stations or translators. We found, for example, that Ely MN could have a full Class C (100000 h,v; 600 m) on 101.3—enough coverage to serve all the loons, wolves and moose of that Boundary Waters Canoe Area of northeastern MN!

I was, however, appalled by the atheism expressed by some of the delegates, and couldn't agree much with Michelle Richards from People for the American Way for opposing religious stations and their influence in banning or severely restricting abortion "rights" and gay bashing. A session I was unable to attend was to have outlined the great influence the religious right wields on the media, including, presumably, being the licensees of religious FM stations. Twenty years ago it was fashionable to smear "right wing extremists"; now it is the "religious right" that is blamed for many of society's problems. At a luncheon I was talking with someone from WEFT *90.1 Champaign, and I mentioned a person I knew had been a volunteer there. "Yes, I remember him. He moved to northern Indiana and got mixed up with religion." Another person told me the Tepco-Robert Jones translators are good, but you "support religion" by patronizing Jones equipment, which is often used to spread the signals of religious stations. Despite those incidents, it was a fun convention to go to, and the food choices at the hotel included alternative fare for people on a vegetarian kick like I am.

Small Print Happenings and FM Industry News

The FCC continues in its fine ways notifying WGZM 101.9 Cleveland GA it owes \$17,500 for violation of rules which require a licensee to maintain a meaningful management and staff presence in the city of license, and to provide a toll-free phone number for residents of Cleveland.

It's a commercial station, but, hey, that didn't stop KXOK-FM 97.1 Florissant MO from airing announcements asking the public to contribute to replace its tower. Was the FCC amused? No way. It claims KXOK-FM owes \$2500 for "fraudulent solicitation." Amusing that both WGZM and KXOK-FM had other call letters at the times of violation. WGZM was known as WGGG-FM and KXOK-FM was KHKT. Hmmm. If you're fined, you immediately change call letters in an effort to remove the stigma.

WGTV 92.9 Eaton OH (which must think a lot of its call letters and isn't changing) fined \$5,000 for unauthorized phone taping. The FCC says that even saying "Hello" before the called party is informed that taping for broadcast is going on can result in a fine.

Designated for hearing—WNCN 104.3 New York city. Two challengers are after its frequency, including problems they see with RF interference from its proposed new antenna. Salt Lake City area stations KBER 101.1 and KQOL 106.5, which had a frequency swap a few years ago, are being examined by the FCC to see if owner Chris Devine was exercising control over both FMs at once—something that was illegal at the time. The hearing will decide if the licenses of KBER and KQOL should be renewed and/or if a fine should

be imposed.

The National Association of Broadcasters favors Sen. bill S.335 that would exempt radio from many spectrum auctions, legislation sponsored by Ted Stevens, AK Republican, and Dan Inouye, HI Democrat. The FCC is believed to be opposed to competitive bidding for stations or spectrum space—despite what the Cato Institute first advocated about 10 years ago, at the high point of the Reagan administration.

Working together to develop in-band DAB standards are the NAB and the Electronic Industries Association. They'll be sharing costs and working through the National Radio Systems Committee. NRSC hopes to test an in-band system by June 30, 1994, and "will recommend a single in band system if appropriate."

As part of its comments to ask station renewal applicants if they're actually on the air, the NAB has asked the FCC to shut down FMs that have been off for more than six months. "The comments are in keeping with similar protection-style NAB statements over the past 18 months. Watch for the Commission to take a tougher stand on silent and long-unbuilt licensees in the coming months," predicts the "M Street Journal," which counts 382 silent stations.

Al Sikes, darling de-regulator of the Bush era, won't be practicing communications law as most FCC Commissioners seem to do when put out to pasture, but he'll be hired by the Hearst Corporation to head its efforts to marry its journalistic resources with satellite, computer and other emerging technologies. "The job is a



Al Sikes

business job," Sikes said. "It is not to be the Washington representative for Hearst." His new title: Vice President for New Media and Technology. Sikes, now 53, was named FCC Chairman in August, 1989.

WAMC *90.3 Albany raised \$250,000 in its March fund drive, with none less than NY Gov. Mario Cuomo helping out. The good governor read from his diary on air and this had the effect of coaxing donations from otherwise reluctant listeners. This good news for the WAMC stations comes despite a local recession that had worried Alan Chartok, manager, that things wouldn't work out so well. Other good news for Chartok was the FCC's approving the sale of WBBS 105.1 Great Barrington to the WAMC group; it's now WAMQ and noncommercial.

Publication of an updated Communications Act of 1934 as amended has been announced by the FCC. Officially entitled *Compilation of Selected Acts Within the Jurisdiction of the Committee on Energy and Commerce—Communication Law*, the 498-page publication includes major communications-related legislation enacted by the latest Congress. Buy it for \$16 from the Superintendent of Documents, Government Printing Office, Washington DC 20402; credit card orders to (202) 783-3238; ask for stock No. 052-070-06857-4.

A broadcaster turning down commercials—it always happens—not! KEZZ 94.3 Aitkin and its AM turned down a \$600 order from Pamida discount stores for ads promoting the chain's

new local store. The station learned that no regular ad schedule would be forthcoming, that this would probably be the store's only local radio buy, as Pamida is strongly oriented toward print. Whereupon owner Mike Patterson "very graciously returned the order to Pamida's advertising department with a letter expressing that the monies would be better spent taking the local employees out for dinner. At least you would get the employee's interest—rather than put that kind of burden on radio on a one-shot deal, while the local newspaper was getting thousands per month on a yearly commitment!" said the MN Broadcasters' newsletter. After that letter, a phone call and other correspondence, Mike is definitely known at Pamida headquarters. "I don't think I'll ever get another advertising order in my lifetime," he said. Their advertising manager said that was the first order ever turned down in his 16 years in that position.

New LMAs/duopolies include WERQ-FM 92.3 and AM sold to Cathy Hughes, owner of WWIN-FM 95.9 Glen Burnie-Baltimore and its AM; sale price \$9 million. An end to the WYAY 106.7-WYAI 104.1 LMA in Atlanta may be in sight. Capital Cities/ABC has agreed to pay \$19 million for WYAY, "Y-106," Gainesville GA, subject to FCC approval. The deal does not include WYAI, "Y-104," La Grange GA, which remains for sale.

In news news, ABC has announced a partnership with the BBC, covering both radio and TV. In time there may be joint bureaus, but for now it covers "the exchange of worldwide news coverage, joint planning for major news stories, and the exclusive sharing of correspondents and production teams."

Partly affecting FM, the lower part of the dial stations, are proposed FCC guidelines regarding RF radiation standards. The Commission proposes new restrictions in fields below 100 mhz, and could affect transmitter specifications as well as station monitoring systems. For more information, call Robert Cleveland at the FCC's office of engineering and technology, (202) 653-8169.

A growing number of stations is broadcasting Howard Stern on a tape delay basis and quietly excising his "indecentcy." L.A. Times writer Claudia Puig forced KLSX 97.1 to admit it had done such editing, and it was later revealed KFB1 107.5 Pahrump-Las Vegas NV also admitted delaying such broadcasts. Both are stations that, interestingly, anti-Stern crusader Al Westcott has monitored. Stern has been appealing to his listeners in other cities to help him find an outlet in Atlanta. "Maybe he's just worried about Doug Tracht... a former Stern rival in Washington DC, who [is now on] WZGC 92.9. Both talk show hosts are syndicated by Infinity Broadcasting, which also owns Z-83," reports an article sent by Nick Lomberdi.

Infinity's other noted radio personality, Doug "The Greaseman" Tracht, is said to be bombing in New York (WXRK) and Philadelphia (WYSP). Listeners are have greeted Greaseman with negative faxes and phone calls. "Those who complain have to give the guy a chance," says WXRK General Manager Tom Chiusano. "We believe in him as a performer." Dryly, the NY Post said, "What Infinity should believe is that its \$6 million man is turning out to be a bad investment." It seems that whenever WXRK runs a promo for Greaseman during the Stern show, Stern turns down the volume and says "there's something wrong with the equipment," then when the promo is over he says, "there, now it's OK." Newsday had an interesting story on Stern:

A reporter, Robert Friedman, entered a NY cab with his 9-year-old son and the driver was listening to Stern. "I asked the driver to turn down his radio, which he did grudgingly, though I still couldn't avoid hearing what Stern had to say... the conversation was exclusively about sex—sex with reptiles, sex with her husband, sexually explicit exercise videos." With his son, Willy, Friedman felt trapped in that cab. "When Stern asked [guest La Toya] Jackson to come sit

on his lap, I decided I'd had enough.

"There was only \$2.50 on the meter, which means I couldn't have been in the cab very long when I asked the driver to turn off the radio. What happened next surprised me: He stopped his cab, put his face to mine and ordered me out. That will no doubt please Howard Stern. Here was a loyal listener so intent on hearing Stern talk that he didn't care about losing business. He didn't even try to collect what was on the meter." Son Willy later wrote in school that Stern was "gross, disgusting and sick."

The driver, whose number Willy took down and against whom action is to be taken, did not follow NY taxi regulations. Rule 2-46C states: "All audio equipment controlled by the driver shall be turned on or off at the request of the passenger." Wrote Friedman, "I hope Howard Stern won't think me a prude for reporting his loyal listener to the Taxi and Limousine Commission."

FM station totals as of Feb. 28: On air and licensed (92-108 mhz) 4808, educational (88-91.9 mhz) 1597 for a total of 6405. AM has 4957 stations.

From the classifieds: College radio station ratings from Arbitron offered through the National Association of College Broadcasters "at unprecedented low prices. Professional ratings can help you dramatically increase underwriting revenue and let you determine what programming is pulling audience, with packages starting as low as \$250... There's no charge or obligation to see if your station is rated. Please call NACB's JoAnn Forgit at (401) 863-2225."

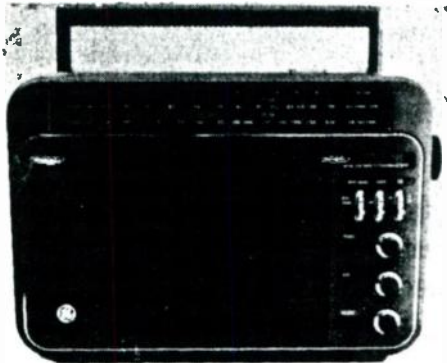
Classical music announcer, WGMS 103.5, seeking lively, upbeat individuals, parttime. Classical experience not necessary; will train. Aircheck, resume to WGMS, 11300 Rockville Pike, Ste. 905, Rockville MD 20852. EOE.

General manager KPFK *90.7, B.A.+experience, such as managing a community or public radio station "or progressive organizations," \$40,000+benefits. Letter and resume to KPFK Management Search, David Salniker, Executive Director, Pacifica Radio, 1929 Martin Luther King, Jr. Way, Berkeley CA 94704. EOE. I wonder if a background working at a religious institution would qualify as a "progressive organization."

News director, monophonic WSCN-stereo WSCD. Hire, train, supervise personnel and production of news stories. B.A., three years radio or TV news experience. Salary "open, plus benefits." Letter, resume and audition tape to John Snee, general manager, MPR, Holiday Center, Ste. 224, Duluth MN 55802. EOE.

SCS Technology, the little company which modifies radios like the GE Super and which produces 67 and 92 kHz wired and tested circuit boards with muting for \$19.95, is run by Dave Jackway from Springfield MO. It has a new toll-free number, (800) 944-0630. He can special produce boards for frequencies like 78.67 and the Pro Channel as well.

Thanks in part to a review by Bob Grove in the current "Monitoring Times" magazine of my SCS-modified G-E Superadio II (the older model), almost the entire stock of 100 radios is sold, but I am offering a tunable Elf-II adapter in the newer Superadio III at \$89 plus \$4.50 shipping. Because of expected higher wholesale



SCA-Capable FM Radio From FM Atlas

prices, those figures will rise to about \$93 plus \$7

shortly. Some people prefer... Superadio II (factor... Superadio IIs are sold out white bc...) to the III. Superadio IIs can be ordered unmodified while supplies last for \$50 plus \$4.50 shipping. I am limiting people to no more than two SR IIs each. I also thank Glenn Hauser for mentioning the availability of the SR II on his shortwave program, "World of Radio" heard on WWCR Nashville (now burned out and hoping to come on in a month or so) and WRNO New Orleans, and to the National Radio Club for its mention of this model available from "FM Atlas."

Listen to Hauser's *DX Daily* 9:30 p.m. EDT M-F on WHRI 7315 kHz shortwave from IN and a 2 a.m. rebroadcast on 7315 and 9495 kHz, while Friday's program is repeated 10 a.m. EDT Saturday on 9465 and 15105 kHz. Glenn's more famous "World of Radio" now heard on 15420 at 4:30 p.m. EDT Sundays and 10 p.m. EDT on 7355.

FM AS IT WAS—OR MIGHT HAVE BEEN

Stephen N. Raymer, curator of the Pavek Museum of Broadcasting, featured FMedia! reports on the Twin Cities FM history (Nov.-Jan. issues) in the November issue of the museum's newsletter. The article centered on "Motoring with FM—1952 Style," and it included the area dial history. It updates information presented in this newsletter about 100.3 and 107.9 in the Minneapolis-St. Paul area. Colfax Communications has bought KQQL 107.9 ("Kool 108"). "In moving to buy the Minneapolis-based KQQL, Colfax becomes the first in the Twin Cities to take advantage of the new FCC rules that allow an individual group to control two FM stations in most large, single market areas. This is likely to change the radio business dramatically." Colfax is controlled by former WCCO AM general manager Steve Goldstein and Steve and Mitchell Rales of Washington DC, which had already agreed to buy WCTS *100.3 from Central Baptist Theological Seminary for \$10 million. WCTS is now on 1030 AM and the 100.3 spot is vacant, awaiting an FCC rule-making to move the site south-east and closer to St. Paul. It has been considerably north of the Twin Cities at Nowthen MN—a site shared with KQQL.

Another feature in that magazine is how radios were sold in the early days. A picture showed a well-dressed man walking down a stairway carrying a briefcase. "Selling radios was a competitive business. The door-to-door salesman offering premiums and credit plans was standard practice for aggressive retailers." Under the picture is the caption, "When canvassing an apartment house begin at the top floor and work down. The superintendent will not stop you if you appear to be on the way out."

June Persons is the new grantee of Brainerd MN 103.5, and in the July issue of the Pavek newsletter is featured Charlie Persons, who incidentally is a long-time "FM Atlas" subscriber. He took back KVBR AM 1340 after a buyer could not make payments and at age 83 looks forward to retiring, although he still flies his own airplane. I interviewed him a few years ago for an article on the history of pioneer WEBC-FM Duluth MN (Superior

WI); he was one of three founders of that station and the only one still living. The articles, co-authored with subscriber John Ebeling of Bloomington MN, were published as a three-part series in "Radio World" newspaper. I think June is Charlie's daughter.

Raymer talks about FM in the museum paper: "I searched through all the magazines in our library from 1938 through 1947 and found surprisingly few references to FM. Events of that era help to explain part of the puzzle; World War 2, television, and a reluctance on the part of many engineers to learn a mysterious new technology that appeared to have little practical value.

"One engineer who chose not to ignore the future was frequent correspondent and pioneer broadcaster A James Ebel, who in 1941 was chief engineer for WILL (AM) in Urbana, Illinois. At that time there was only one FM station in the entire state of Illinois, run by Zenith in Chicago. There were only 25 licensed stations in the entire country. 'I went to a national conference and heard Major (Edwin) Armstrong speak', Ebel said recently. 'I was enthused about the possibilities, so we started by building a high-gain receiving antenna in the attic of the old auditorium to receive the weak signals from the Zenith station in Chicago. We were able to demonstrate clear, static-free reception during thunderstorms. FM did everything it was supposed to do'. Circuit drawings and articles explaining how to transmit an FM signal had been published in trade magazines. With only this basic information to guide him, Ebel designed WILL's first FM transmitter. . .

"At first the station played to a very small audience. Its signal did not reach beyond Champaign-Urbana, and its audience numbered only 15 to 20 people—the total number of FM receivers in the area. 'The station used to have about six small FM receivers we would loan out upon request', recalls Jean West, transmitter engineer in the early days, 'but sometimes we would go to people's homes and convince them to take a receiver. We wanted people to try us'.

"In spite of pioneer efforts by Ebel, Armstrong and others, FM continued to be misunderstood by many of the major manufacturers. Excerpts of an article written in 1948 by Homer A. Ray of KIRO Seattle quote James D. Shouse, then vice president of Crosley Radio Corporation and reinforce existing bias against FM: 'It will never replace AM. Its high fidelity is largely a myth. There are on the air at this time hundreds of AM stations putting out programs that meet the FCC's distortion, frequency response and noise level requirements for FM stations'.

"Recent correspondence from Ebel explains some of the reasons for the

change from the old FM band to the new. 'I was very disturbed when the shift was made from 45 mc to 88 mc. I felt that surely it would kill what little development had been made. I have since learned that the shift was necessary and important. As a member of six USA delegations to World Administrative Radio Conferences, where I was representing broadcasting in the USA, I had many conversations with FCC engineers on spectrum matters. The shift was the result of considerable study during an allocation process seeking more space for TV and FM. Incidentally, none of the networks were in favor of FM from the beginning, because almost anyone interested in becoming a broadcaster could get an FM license that would give them as good market coverage in major markets as the 50-kw AM stations owned by the networks. The FM station I put on the air in Peoria, Illinois, in 1946, was initially prevented from carrying CBS programs. . . When the shift was made we were able to convince the University of Illinois to let us purchase a 250-watt Raytheon FM transmitter. As a consultant I owned several FM stations in the Midwest. I was part owner of an FM station on the highest hill between Grand Rapids and Kalamazoo, Michigan, in 1947. A group of Army service men got financing from their parents for the project. Unfortunately, the money ran out before we could make any profit, so we gave it up since no one was interested in buying the station. If we could have held on, it would probably be worth millions today'."

Raymer gave FMedia! a plug, and he quoted from a letter Al Germond wrote in the April, 1992 issue about the Yankee Network, and stations W43B Worcester-Boston and W39B atop Mount Washington NH, which received the W43B signal off-air and relayed it.

Speaking of Al Germond, in the files is part of a March, 1959 WQXR-FM New York program guide he sent showing the Grange League Federation logo. The GLF sponsored a weather roundup 6:25 to 6:30 a.m. on what had been the Rural Radio Network, and WQXR-FM. It was that group which offered a tube-type table FM radio to listeners of the Rural Radio Network.

Dusting off an April, 1970 *FM Guide*, we read this by publisher Harry Maynard: "The Youth Culture is here, and you can't ignore it. . . The better-educated youth that I have met have surprisingly broad tastes, and show it in liking both classical as well as their own contemporary music. . . Youth also seem to 'understand media' better. They often show a greater appreciation of FM as the superior medium of musical presentation than the 'older generation' who were brought up on AM radio.



"When four-channel FM stereo hits the marketplace, in full force, as it eventually will, and I am not alone in this opinion, FM will make its technological superiority over AM even more self-evident. I believe four-channel stereo is an even greater achievement over two-channel than the latter was over monophonic sound. Eventually, it will dominate the musical recording scene the way two-channel stereo does today.

"We, at FM Guide, plan to widen both our coverage of the contemporary music scene as well as our coverage of the medium which makes it all possible, FM radio." From the ads in that magazine—WCTO 94.3 Smithtown features "52 min-



utes of beautiful music with only four brief interruptions" in an hour.

WRFM stereo 105, "all music...all the time," played "familiar favorites by Mancini, Mantovani, Andy Williams, Tijuana Brass, Boston Pops. All in magnificent stereo 24 hours a day. Special no-commercial 'Music Bonus Hours' daily, yet never more than seven commercials in any hour. And minimum talk, just occasional brief news, weather, time-checks. . ."



WTFM advertised a handy checklist to help you remember where you enjoyed its beautiful sound today: At home, the car, beauty parlor, doctor's office, bakery, barber shop, dentist's office, restaurant, supermarket, cocktail lounge, drug store, optometrist's, shoe store, dress shop, men's shop, "plus any we may have missed. It's all right being modest but not when everybody is playing our song."

It wasn't "Z-100," WHTZ, but WVNJ-FM 100.3 where you could hear operas on Sundays.

In the June, 1970, *FM Guide* publisher Harry Maynard said that FM is what is happening now. "Wait until next year" used to be the motto of the late lamented Brooklyn Dodgers. Wait until the next five years used to be the motto of the FM broadcasters. Now the motto is 'Today is Our Future'. FM audience ratings and penetration figures have gone up spectacularly all over the country.

"If this were happening just in New York it would be understandable but such cities for example as Philadelphia (84.1) and Phoenix, Arizona (88.2) have even

THE WORLD'S GREATEST
OPERAS
IN COMPLETE PERFORMANCE
EVERY SUNDAY
9:05
P.M.
IN FULL STEREO
WVNJ
62 AM 100 FM
THE GROUND OF SOUND OF TODAY

higher penetration figures than New York. Some major AM stations have had according to Pulse dramatic audience losses in the first quarter. Some FM stations have had considerable audience increases. . . Maybe the public has learned to appreciate FM's better sound and the extra added spatial information of stereo FM. Who wants to listen to music monophonically at 5000 CPS? I don't."

WLIB FM stereo 107.5 advertised as "New York's only all jazz station in stereo from noon to midnight." WABC-FM "stereo 95%" advertised personality Dave Herman. WQXR-FM and AM carried "The Sounds of Israel" 7:30-8 p.m. Tuesdays, sponsored by the First Israel Bank & Trust Company of New York. WBAI *99.5, in its ad, mentioned the need for free speech. "I hope that at our best we will be presenting the provocative with such serious artistic intent and that we will achieve such high standards that we will broaden the definition of what is acceptable on the air," Edwin Goodman, new general manager, is quoted.

One of the stations which has changed the least since 1970 is WPAT-FM 93.1 which advertised, "A feeling. A time. A place. A mood reflected in an enchanting blend of Baez, Brahms and Brubeck, Streisand and Stravinsky." "The quality touch" is WLIR-FM 92.7 stereo, and where do you turn "between the blahs and the blares," naturally it's to WPIX-FM 101.9, "slightly feverish!" both in full-page ads. More from other FM Guides in future months.

FM FORUM

CONTRIBUTIONS FROM READERS

KWPN-FM 107.9 West Point NE mentions it has corrected a problem with its Harris MX-15 exciter which caused it to be heard on 107.5 and 108.3. The failure of two 20 microfarad, 50-v capacitors in the RF amplifier was peculiar to that type of exciter. This failure, according to Harris, occurs two to four years after installation and should be routinely checked. "I trust you will use the same diligence in notifying the FCC of our corrective action as you did in alerting them to our problem," writes David M. Kelly, president and general manager.

Don Mussell, mentioned above as one of the engineers at the NFCB conference and a user of Vernier software for FM station searches, can be reached at Route 5, Box 307, Staunton VA 4401; (703) 886-5162, or FAX (703) 885-5122.

K. W. Walter comments about the situation in Windsor ON, where: 1) it's "unusual to have all four stations in the same city (2 FM, 2 AM) under same owner; 2) All four stations to have one facility (economies of scale); 3) Windsor (south of Detroit) has population of around 200,000; 4) remember when 25 years ago CKLW (AM 800) was the leading station in Detroit-Windsor area

before FM came of age? . . . Noted that since CFMX-1 96.3 Toronto has changed transmitter site, listener surveys show it has increased from 240,000 weekly to 320,000."

A reader of my former WTFDA column, W. R. McIntosh, sent word about KLAX 97.9 hitting No. 1 in the L.A. ratings as a Latino station. "This is of interest to me. Don't like rock and roll. Do like Latino music, particularly ranchera. Also like country and western and classical. Am going to miss your column."

Bill Thompson, writing in the WTFDA's "VHF-UHF Digest," says: "After an incredible 20-year stint as V.U.D. FM News editor, Dr. Bruce Elving has stepped down. We owe many thanks to Bruce for his dedication to the FM broadcasting side of the VHF DXing hobby. A couple of members believe that Bruce's run as editor may well be the longest anyone has ever done such a column in the history of DXing! Despite the DX world's rumor mills, Dr. Elving is not 'retiring' from DXing. To the contrary, he's continuing to publish . . . FMEDIA! newsletter. . . We can hardly wait to see the next 'FM Atlas'."

Dominating the Dallas-Fort Worth ratings is KSCS 96.3 with a 9.8 Arbitron share, according to word sent by Jim Cumbie. This positioning of the country station was especially heartening to it because of new competition in that format.

KNDE-FM 94.9 Aztec NM did exist, and John Ebeling of Bloomington MN wrote to say that it was logged by him via E-skip July 3, 1962 (Nov., p. 4, cols. 1-2).

Bob Baker sent an article making it official (see also "From the Classifieds," last month, p. 6, col. 3) that the Iowa Western Community College board voted not to sell KIWR. Three bids were received but were rejected, "because none met the specifications. The bids ranged from \$100,000 to \$525,000." One option the board is considering is using KIWR for instruction at the college; it is mostly classical music.

Foxy 103, WFXA Augusta GA, buys WAKB FM 96.7 (moving to 96.9) Wrens, subject to FCC approval, so says an article W. R. Garrett sent. Part of the agreement is for WAKB owners not to compete with WFXA for five years; the purchase price is about \$1.25 million. He also sent an article that was in the Atlanta Constitution and NY Times about the fragmentation of the market for rock radio, "fueling the demise of Top 40 stations. . . . Almost overnight, Top 40 has become a dinosaur, a victim of upheavals in radio and pop music that have deeply shaken the symbiotic relationship between the music industry and the medium that it has traditionally counted on to sell its wares." Radio & Records found that the audience for Top 40 stations declined by 40 percent in the top 30 markets in just three years. There is

only one Top 40 station in Atlanta—WSTR 94.1.

Gerry Turro's WJUX *88.7 Franklin Lakes and its translator with more coverage on 103.1 has been carrying announcements by local politicians welcoming the 24 hour station to Bergen County, "the birthplace of FM radio," according to Jeannette Johnson. "WJUX does play a few stereo records; I guess that's why they left the generator on.

"I was surprised to see in the March FMEDIA! that WBZO 103.1 Bay Shore has enough of a signal to impair NYC reception of W276AQ; WBZO is so weak here and W276AQ so strong that I would think W276AQ would be more likely to interfere with Nassau County L.I. reception of WBZO, if indeed WBZO's signal is intended to reach Nassau County (the westernmost ¼ of L.I.) and not just Suffolk County (the other ¾).

"WHIL 87.9 Richmond Hill H.S. is running commercials again, including a new one for an insurance company and one of the teachers hosts an oldies show Thursday evenings 6-9 p.m. . . . Latest Stern flap is over a parody he did about the two Cleveland Indian baseball players who got killed in a boat crash. Doug Podell, the p.d. of the Cleveland station that carries Stern (no calls given), bleeped out the whole 90-second parody, saying that he supports Stern but felt that 'this particular parody at this particular time' was in poor taste. All this resulted in a lot of Stern hate mail at the station and at the Cleveland Plain Dealer where the story had been reported. Stern said nobody in Cleveland should be complaining since they didn't even hear the parody, which, according to him, was intended to convey the message that driving a boat under the influence of alcohol is stupid."

A NY Post article Johnson sent has the watchdog group, FAIR (Fairness and Accuracy in Reporting) attacking NPR for "lack of diversity." At the time of the survey, 1991, 85 percent of commentators were white males and much of the reporting was from inside the Washington (DC) beltway. Now that it's 1993, the survey is a bit out of date. NPR, admitting it should be doing better, says nine out of 30 commentators are now women, and there are three African-Americans, one Hispanic Eskimo and an Asian American as staff commentators. Reminds me that the NFCB, at one of the conference sessions, chastised the Corporation for Public Broadcasting for setting up a toll-free number for people to complain about lack of objectivity in its shows. The NFCB saw this as a give-away to the right wing. Stations were ambivalent as to whether or not they should promote the number. On one hand, it would acknowledge the validity of a system that might undermine the authority of independent program producers, but on the other hand, each call costs the CPB money.

Until the merry month of May *B.B. King*

The FM radio newsletter

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- FAMILY RADIO'S HAROLD CAMPING PREDICTS WORLD'S END IN 1994. WITH OVER A HUNDRED FM STATIONS AND TRANSLATORS, MIGHT THIS MARK THE END TIME AT LEAST FOR FAMILY RADIO? SEE P. 7.**

New FM Station, Translator Grants

Translators have less than 100 watts unless indicated otherwise

- CA Beaumont 100.9 3000 h,v; 100 m, Barbara Brindisi
- CO Alamosa K244DO 96.7 (KKJY 100.3 Albuquerque NM translator), has h&v
- CO Cripple Creek KRDO-FM1 95.1 10 w h,v, booster of CO Springs station
- CO Steamboat Springs K238AB 95.5 (KIDN-FM 95.9 Hayden), 120 h,v, granted despite KFMU 104.1 Oak Creek's petition to deny
- FL Inglis (21 km W, Dunnellon) 104.3 6000 h,v; 100 m, Lucille A. Lacy [J Properties]
- FL Jupiter 105.5 3000 h,v; 36 m, Triple/
- FL Panama City *89.1 100000 h,v; 123 m, FL State U. [Iowa City]
- IA Dubuque K266AD *101.1 (KSUI 91.7/)
- IA Hudson (Waterloo) 96.1 3000 h,v; 95 m, Saga Communications [D. Purkis]
- KS Horton 93.7 25000 h,v; 100 m, Wm./
- MS Forest *89.1 100000 h,v; 195 m, Central MS Educational Radio, Inc.
- MO St. Louis KXOK-FM1 97.1 99-w booster of Florissant station [240 h,v]
- MT Billings K236AB 95.1 (KDWG 95.5 Hardin),/
- MT Great Falls *91.9 6000 h,v; 100 m, g, Lou Smith Ministries [m, Don W. McCoy]
- OK Lahoma (Enid) 95.7 5600 h,v; 103/
- OR Cottage Grove 100.5 6000 h,v; 35 m, Thornton Pflieger, Inc. [Inc.]
- SC Bowman 94.5 3000 h,v; 100 m, R. Bowman./
- SC Sumter WICI 94.7, to Iris Communications; reversing initial decision to Sumter Radio Partnership, same facilities [Bcstg.]
- SD Custer 105.1 6500 h,v; 400 m, Mt. Rushmore/
- TX Lometa 101.9 6000 h,v; 100 m, Debra L. Wtcher [cis F. Jenkins]
- TX San Angelo 100.1 6000 h,v; 100 m, Fran-/
- UT Rockville (16 km E. Hurricane) K212AZ *90.3 (KUSU 91.5 Logan)
- WI Appleton *91.9 3300 h,v; 94 m, g, Evangel Ministries, Inc.
- BC Vancouver—CRTC denies CKST a change from 104.0 AM to 94.5 FM. It argued that its "modern rock format needed FM to succeed. WW claimed that of 360 U.S. stations programming modern rock, 97% are on FM and the 3% on AM aren't getting any audience." However, the CRTC "noted that WW's projection for FM was the same as for 104.0—a 3% audience share by 1994—and that there was no evidence of technical problems, the usual basis for switching to FM." No applicant granted 94.5 yet, with the CRTC also rejecting CJJR's contention that a 94.5 station would interfere with CJJR's 93.7 signal. "Clint Forster was deciding the future of Vancouver's Coast Radio after the CRTC turned down his application for a switch to FM. At least one group was interested in buying the station. If

sold, it just may end up a news station," speculated Jerry Fairbridge, in *Broadcast Technology* magazine. See also March, p. 8, col. 1. Dave Sinclair has since sent the complete CRTC text. "I intervened in this application, opposing CKST's request for an FM frequency. I am pleased with the CRTC's decision. Prior to March, 1992, CKST occupied another AM frequency in greater Vancouver (800) but with much lower power than on 1040 AM. The previous station on 1040 AM was not there long, and played mostly music from the '40s and '50s and overnight talk programs—Larry King, etc. I was sad to see that station go off the air in February, 1992." Originally CKST had said, because of its unique musical format, "it did not perceive any significant disadvantages associated with AM, as opposed to FM, transmission." The CRTC at that time said, "Based upon the available evidence... and given the potential for closure of two AM stations in the same market, the Commission concluded that approval of Western's application to move to the 1040 frequency would offer an enhanced opportunity for CKST to improve its financial situation and to continue to provide service." Some 70 interventions were filed, "the majority of which expressed support of Western's request to move to the FM band. Three interveners... all Vancouver radio licensees, opposed the application... In the Commission's view, persuasive evidence has not been presented to demonstrate that CKST could not be successful on its present AM frequency." ON Cornwall 92.1 19200 h,v, Radio Communautaire, originating 98 hours a week with the remaining 70 rebroadcasting CIEL 98.5 Longueuil PQ. See also "Deletions," below. This French station was opposed by CFLG 104.5 and its AM, but the CRTC "judged that Cornwall could support the new FM station without jeopardizing the viability of the English stations. Also rejected was the CBC's request that the new FM use 106.5, now allocated to Brockville, so that 92.1 could remain in the CBC Long Range Radio Plan. ON Leamington CHYR 96.7 19300 h,v; moving from 710 daytime and 730 at night. "CHYR has been unable to find a suitable single AM frequency for Leamington, located just 50 km from Detroit. Costs to implement FM service are placed at \$590,000." ON Midland CKMP 104.1 130 h,v; k format, with AM 1230 to be dismantled after a three-month simulcasting period. See also Formats, below, Orillia, with CFOR moving from AM to FM.

Call Letters Assigned or Changed

- AK Anchorage 103.1 KANC (from KXDZ), to return in \$[tereo]
- AZ Prescott *90.9 KABG

- AR El Dorado 93.3 KISQ (KLTW)
- AR Fayetteville *89.3 KBHG
- CA Avenal 105.7 KAAX
- CA Copperopolis 105.5 KREL
- CA Healdsburg 92.9 KVVV (KHTT)
- CA Indio 102.3 KLCX (former calls, KRCD, not mentioned last month, p. 1, col. 3)
- CA Long Beach *88.1 KLON (KKJZ), calls change withdrawn per request of applicant
- CA Los Angeles 100.3 KXEZ (KQLZ), mr, LMA to buy with KYSR 98.7 L.A.
- CA Patterson 97.1 KAAV
- CA San Francisco 98.9 KSRY (KDBY), "Star 99 FM" [99 FM"]
- CA Santa Cruz 99.1 KSRI (KDBQ), "Star/
- CA Santa Rosa *91.1 KRCB"-FM" (KZQC)
- CO Brush 107.1 KSIR-FM (KSIR)
- CO Pueblo 107.9 KDZA"-FM" (KDZA-FM); AM gets new calls [in Cantonment FL
- FL Century 105.1 WKGT-FM (WKGT); AM is/
- FL Cocoa Beach 101.1 WJRR (WVRI), r
- FL Crawfordville 94.1 WAKU
- FL Dade City 96.1 WBSB
- FL Tice 93.7 WAAD
- GA Bolingbroke 102.1 WDBS
- GA Brunswick 104.1 WAAE
- GA Helen 94.1 WHEL, to 3000 h,v; 100 m
- GA Ocala 98.5 WLPH (WSIZ-FM)
- GA Zebulon 92.5 WEKS
- HI Poipu 95.9 KSRF
- ID Redxburg *91.5 KV/BH
- IL Charleston 92.1 WHQQ (WEIC-FM)
- IL Olney *90.1 WUSI-FM (WUSI); TV channel 16 is WUSI; ††, ††, reading to blind locally, uses In-Touch and descriptive audio for TV on the FM-SCS; DAV on only about five hours a week [in Fort Wayne
- IN Decatur 105.1 WQHK-FM (WQTZ), AM is/
- IN Lafayette Township (near Fort Wayne, not "Lafayette" IN) *91.1 WCYT (WJTJ) [106"]
- IN Washington 106.5 WWBL (WRTB), "Bullet/
- IA Clinton 96.1 KMXG (KMJC)
- KY Edmonton 99.1 WAPC (WKNK)
- KY Greenup 105.7 WLGC-FM (WLGC)
- KY Horse Cave 106.7 WXPC (WLMK)
- ME Topsham 95.5 WPME (WLLB)
- MA Boston 96.9 WBCS (WCDJ)
- MA Webster 98.9 WXXW (WSGQ)
- MN Bemidji *91.3 KAAP

MN Brainerd 103.5 KABO
 MN Minneapolis 100.3 WBOB-FM (AM is in Galax VA). FCC approves tower move to 281 m (97000 h,v) at Shoreview MN. "We are still WBOB, and have been since former owner Robert Morris founded the station in 1947. They paid for the call letters. . . I won't tell you how much they paid." I asked "was it under \$10,000?" and no answer came. New user of the call letters in MN, WBOB-FM; "didn't tell me what the format would be." Station appeared about midnight early Sunday morning, May 2, with a synthesized countdown, sometimes over a CD that kept repeating. Lately the countdown has ended, but it plays stupid audio, like comedy records, sound tracks from TV shows like Andy Griffith, with what seems like "indecent" bits added to the tracks, including references to urination. Its one redeeming feature to date is that it's in stereo. Announces: "A station with a construction permit, 100.3 FM." It gives its call letters once per hour as "WBOB Minneapolis," not as WBOB-FM; asking listeners for format ideas.
 MN Spring Valley 104.3 KNFX (KVNG), k, "Fox Country," parallel to KMCX 102.5 Lake City, and in a duopoly with KRCH 101.7-KWEB AM Rochester
 MN Waseca 92.1 KRUE (KOWO-FM)
 MS Artesia 99.9 WQNN (WJWF-FM)
 MS Meridian 102.1 WTUX (WXHT)
 MS Ripley 102.3 WKZU (WTXI)
 MS Starkville 92.1 WMSU (WKOR-FM), op
 MO Aurora 100.5 KGMV-FM (KGMV), AM is in Springfield
 MO Lake Ozark 102.7 KABE
 MO Lebanon 107.9 KCLQ (KLWT-FM), having moved from 92.1
 MT Billings 97.1 KKBR (KZLS), "The Bear"
 MT Hardin 95.5 KDWG (KGHL-FM)
 MT Livingston 97.5 KATH (KYBS), "Kat Country"
 NH Keene *90.7 WEVN (WLGU)
 NJ North Cape May 106.7 WJNN (WUFB), nt, LMA with WFNN 98.7 Villas
 NJ Pemberton *88.9 WBZC
 NM Central 95.3 KNUW (KZTT)
 NM Eunice 100.9 KYRK (KNJT)
 NY Binghamton *91.5 WSQX
 NY Herkimer *91.5 WVHC
 NY Remsen 93.5 WUUU (WKDY), o
 NY Rome 102.5 WKDY (WUUU), k, these duopoly partners swap call letters
 NY Syracuse 107.9 WHEN-FM (WRHP), k
 OH Ashtabula 98.3 WPHR (WUFP)
 OH Lebanon 97.3 WAAR
 OK Henryetta 99.5 KCKI (KSTM), "Kick 99," with live jocks and ID with Tulsa
 OK Shawnee 95.1 KABH
 PA Clarendon 106.9 WOVU
 PA Media-Philadelphia 100.3 WPLY (changing to, from WKSZ), "Y-100" (strict). Newark's "Z-100" had complained (April, p. 3, col. 2):"

recently heard WKSZ's 'Z-100' format. WHTZ had a right to complain—I mistook it for WHTZ; it features a similar rock format with very similar voices and promos. Ernie Anderson, the famous voice-over announcer, does promos for both stations. WKSZ had the nerve to blatantly copy a co-channel neighbor like this!" Former WHTZ announcer and now air personality at WPLJ 95.5 Scott Shannon has been advising WKSZ, but "only the music," denying urging them to embrace the "Z-100" nonID.



SCOTT SHANNON

Still r. "Despite WMMR 93.3 being a likely beneficiary for those who prefer music and used to listening to WYSP 94.1, and despite the continuing benefit of the new WIBF-FM [WDRE] 103.9 from the WEGX (106.1) demise, I believe that there will be more changes beyond the WKSZ/WPLY switch, which isn't really a format change at all. I wouldn't be at all surprised to see either WMGK or WYXR or even WPLY try to move in at least partially on the classic rock audience, as I still can't comprehend four in the city (with WJBR 99.5 Wilmington DE and WLEV 96.1 Easton both quite listenable here) with essentially the same format."

PA Mountaintop 97.1 WBHT (WYXY), "Hot 97," still r [(WZZV), "Winner"
 PA Olyphant 95.7 WINH/ [-FM], "B-101"
 PA Philadelphia 101.1 WBMB (WEAZ-/
 PA Red Lion 96.1 WTAM"-FM" (WGCB-FM)
 SC Blackville 98.1 WAAN
 SC Bucksport 107.9 WGTR
 TN Baxter 93.7 WBXE
 TN Clinton *89.9 WDVX (WJTD)
 TN Hohenwald 101.3 W267AB (not "W67AB")
 TN Lebanon 98.9 WANT (WJFM), to be k
 TN Tiptonville 101.3 WAAT
 TX Brownfield 103.9 KLKZ (KLCU)
 TX Killeen 93.3 KHHT (KMXX)
 TX Lubbock 94.5 KFMX"-FM" (KFMX-FM); AM gets new calls
 TX Mineola 96.7 KMOO"-FM" (KMOO-FM); AM gets new calls
 TX Mulshoe 103.1 KKYC (KMUL"-FM"), k, ID with Clovis NM
 TX New Boston 103.5 KZRB (KTKX)
 TX Nolanville 107.3 KKFF
 TX Odessa 96.1 KMRK-FM (KMRK), S, I ("Tejano")
 TX Waco 95.5 KCKR (KNFO)
 VA Crewe 104.7 WKIK (WSVS-FM)
 VA Culpeper *89.9 WVPB (not "WBPV," as shown last month, p. 2, col. 2)
 VA Windsor 107.7 WSVY-FM, "V-107" (AM is in Portsmouth)
 WA Richland 106.5 KEGX (KOTY-FM), op, "Eagle 106," to 346 m (7600) h,v
 WA Spokane 103.9 KNJY (KVXO), b, "N-Joy"
 WI Goodman *91.3 WGZA

Facilities Changes Granted

AL Arab WCRQ 92.7 800 watts h,v; 190 m
 AL Centre WRHY 105.9 6000 h,v (100 m)
 AL Dadeville WDWI *88.7 100000 v (100 m, vertical only)
 AL Fort Mitchell WAGH 98.3 6000 h,v (100 m)
 AL Trussville WWIV 105.9 1400 h,v; 205 m
 AR Dumas KXFE 106.9 (from 107.1) 25000 h,v; 82 m, C3 [104.9 13500h,v; 137 m, C3
 AR Lake City (move from Paragould) KDXV/
 CA Burney KIBC *90.5 3000 h,v; 444 m
 CA Los Altos KHQT 97.7 3200 h,v (137 m)
 CA Red Bluff KFXS 102.7 5500 h,v; 431 m
 CO Grand Junction KPRN *89.5 10000 h,v (353 meters above average terrain)
 FL Chiefland WLQH-FM 107.9 (from 97.3)
 FL Indiantown (move from Okeechobee) WOKC-FM 103.1
 FL Key West WJIR *90.9 390 h,v; 37 m
 FL Tavares WXXL 106.7 (move from Leesburg)
 FL West Palm Beach WAYF *88.1 37 m (50000 h,v)
 GA Griffin WQUL 97.7 3300 h,v (116 m)
 GA Leesburg WEGC 103.5 (from 103.7) 25000 h,v; 100 m, C3 [(299 m)
 GA Savannah WEAS-FM 93.1 100000 h,v/
 ID Hayden KKCH 94.5 10000 h,v (470 m), C
 IL Lincoln WESZ 93.9 (from 100.1) 6000 h,v; 100 m [m, transmitter to KY
 IL Metropolis WRIC-FM 98.3 50000 h,v; 150/
 IN Bicknell WUZR 105.7 1800 h,v; 130 m
 IN Rochester WROI 92.1 63 m (6000 h,v)
 IN Scottsburg WMPI 105.3 (from 100.9) 6000 h,v; 100 m [5000 h,v; 82 m
 IA Emmetsburg KEMB 100.1 (from 98.3)/
 KY Louisville WTFX 100.5 37600 h,v; 173 m
 KY Mannsville WVLC 99.9 (move from Campbellsville)
 LA Houma KCIL 107.5 152 m (100000 h,v)
 LA Rayne KCRL 106.7 4500 h,v; 115 m, k; AM affiliate is KSIG 1450 Crowley
 LA Shreveport KMJJ 99.7 (from 100.1) 50000 h,v; 150 m, C2
 MA Athol WCAT-FM 99.9 3000 h,v; 100 m
 MA Lawrence WCGY 93.7 50000 h,v; 131 m
 MA Lowell WJUL *91.5 1400 h,v; 63 m, nondirectional, adds vertical
 MI Glen Arbor WGFN 98.1 4900 h,v; 226 m
 MI Grand Rapids WQMB *88.9 650 h,v; 122 m. Said to be trying to make a deal for the WBLU call letters with a station in Meneta VA which has those calls. Expects to be on late this month or in June, relaying WBLV *90.3 Twin Lake MI.
 MI Lansing WILS-FM 101.7 3300 h,v; 88 m
 MI Ludington WKLA-FM 106.3 4900 h,v; 110 m
 MI Mackinaw City WSSW 94.3 58 m (3000 h,v)
 MI Scottville WKZC 94.9 (from 95.9) 17000 h,v; 122 m, C3 [(2400 h,v)
 Mi South Haven WCSY-FM 98.3 123 m/
 MN Grand Rapids K297- *107.3 (from K296--107.1) [adds h, now h,v, Class C
 MS Jackson WMPN-FM *91.3 342m (100000);/
 MS Leland WBAD 94.3 50000 h,v (88 m), C2
 MO Ashland KYUA 106.1 23000 h,v; 220 m
 MO Branson KLFC *88.1 80 m (100 watts h,v)
 MO Eldorado Springs KESM-FM 105.5 6000 h,v (58 m) [m, C3
 MO Piedmont KPWB-FM 104.9 25000 h,v; 99/
 MT Great Falls KMON-FM 94.5 48000 h,v; 589 m, transmitter to Tiger Butte, 43 km SE
 NV Carson City KBUL 98.1 72500 h,v; 697 m
 NV Las Vegas KCEP *88.1 364 m (10000 hv)
 NH New Durham WWPC *91.7 130 vertical only (151 m), monophonic. "We use an antenna made by GAM, 191 Varney St., Manchester
 NH 03102. Edward Russell is a very intelligent person and a real antenna artist; I'm sure one of his designs would work well with a translator. He has a Master's degree or Ph.D.; call him at (603) 627-1010."
 NJ Blairstown WHCY 106.3 430 h,v (262 m)
 NY Blue Mountain Lake WXLH *91.3 (from 89.9) [(104 m)
 NY Boonville WBRV-FM 101.3 5500 h,v/
 NY Clifton Park WWCP 96.7 100 m (3000 h,v)
 NY Elmira WECW *95.5 9 watts h,v; -103 m, adds vertical



NY Patterson WMJV 105.5 900 h,v; 186 m
 NY Spencer WCII *88.5 11000 h,v (180 m)
 NC Buies Creek WCCE *90.1 3000 h,v; 32 m
 OH Akron WAPS *91.3 d-a, still on 89.1, but
 "awaiting final funding for move" [m
 OH Columbus WOSU-FM *89.7 13300h,v; 286/
 OH Greenfield WVNU 97.5 92 m (2800 h,v)
 OH Xenia V-DJK 95.3 6000 h,v; 98 m, d-a
 OK Altus KEYB 107.9 5500 h,v; 102 m
 OK Idabel KBEL-FM 96.7 25000 h,v (91 m), C3
 OR Ashland K227AA 93.3 (from K276AP
 103.1) [1850 h,v; 638 m, C2
 OR Harbeck-Fruitdale KLDK 98.3/ [107.5]
 OR Jacksonville K244DM 96.7 (from K298AA/
 OR Reedsport KRBZ 99.5 4700 h,v; 113 m
 OR Toledo KZUS-FM 100.7 2500 h,v (131 m)
 PA Butler WLER 97.7 4600 h,v (113 m)
 SC Florence W221AJ 92.1 carries WCCA 106.3
 Shallotte NC (not WPGO 106.3 Shallotte)
 W283AB 104.5 (from W279AA 103.7)
 TN Harrogate WXJB 96.5 6000 h,v (99 m)
 TX Bryan KORA 98.3 900 h,v; 161 m [C1
 TX Mineral Wells KYXS 95.9 23500h,v; 512 m,/
 UT Centerville KUMT 105.7 25500 h,v (1116 m)
 VA Chester WDAY 93.1 1400h,v; 150 m (moving
 from 92.1)
 VA Galax WPRH *91.1 340 h,v; 488 m,
 transmitter in NC, replacing expired CP
 WV Spencer WVRC-FM 104.7 4800 h,v; 112 m
 WI Lomira WFDL 97.7 (from 106.7), rm, ID
 with Fond du Lac
 WI Sheboygan WWJR 93.7 (from 97.7)
 ON Toronto CIRV 88.9 (from 88.7) 410 h,v,
 site to First Canadian Place, from which it
 will serve entire city; move reduces
 interference from WBFO *88.7 Buffalo NY.
 CIRV's application was opposed by CHIN-FM
 100.7 and two Greek SCS broadcasters, but
 supported by CIAO (AM) Brampton.
 PQ Les Escumins CHME 94.9 (from 95.1) 570
 h,v, site to south shore of the St. Lawrence

Stereo—Or to be Stereo

AR Beebe KPIK 101.5, r, "Hits 101.5"
 AR England KLRA-FM 96.5 sr, back on, parallel
 to KMZX 106.3 Lonoke: "Touch 106.3 and
 96.5"
 AR Malvern KISI 101.5, "Y-101.5" (from
 "Sunny 101.5"), mr, "lite hits 24 hours"
 IL Danville WWDZ 94.9, "Z-95-108"
 IL Decatur WYDS 93.1, "D-93" (strict)
 IL Rantoul WLTN 96.1
 KY Reidland WZZL 106.7
 ME Dexter WGUY 102.1, now 26500 h,v; 205 m,



op format, but claims "50,000 watts at 492
 feet above average terrain"
 MI Muskegon WMHG 107.9 (not yet having
 moved to 95.3), but mostly mono. "True
 stereo 6-10 a.m. and 3-6 p.m. weekdays only,
 when a local DJ is used. Other times they use a
 mono feed of SMN's 'Touch' (s) format, aired in
 'stereo-phony'. WMHG is also still local gospel 6
 a.m. to 6 p.m. Sundays, some of which is stereo,
 too... WMHG is now at 25 kw (I wonder if all the
 fuss in the black community caused the LMA to
 be cancelled?). Will advise you if and when the
 switch occurs."
 MO Charleston KWKZ 106.1, "KZ 106"
 OH Streetsboro WSTB *91.5, p, "91.5 V Rock"



(from "Golden
 91"), "metal
 rock. It has been
 stereo for the past
 two years! (They
 are

currently using the
 new 'David' stereo processor from Inovonics for
 that task. Station personnel are very pleased with
 its performance.)"
 OH Wooster WKRW *89.3, relaying WKSU
 *89.7 Kent
 OK Wagoner KBIX-FM 102.1, k, parallel to
 KMMY, Y-97, Muskogee
 TN Ripley WTRB-FM 94.9 (change frequency
 from 94.1), "Bright 95"
 Monophonic
 AR Sheridan-Little Rock KEZQ 102.9, but
 assumed temporary; now in a duopoly with
 KURB-FM 98.5 and AM Little Rock
 ME Sanford WSEW *88.5. "We prefer mono for
 better range. Nobody has ever complained
 about our not being stereo. Both this station
 and WWPB *91.7 New Durham are run from
 my home in East Rochester NH."

Format Changes

Formats are the same as in the "FM Atlas"

AL Chickasaw WDLT 98.3 jm, "new age-jazz"
 AL Fairhope WZEW 92.1 p, planned simulcast
 with WTKX 101.5 Pensacola FL cancelled
 AR Clarksville KXIQ 106.9 r, SMN Hot AC
 AR Hoxie KHGX 105.3 k (moving from 100.5,
 where it is known as "Country 101")
 AR Huntsville KFAY-FM 95.9 back on air, still
 k, duopoly with KMCK 105.7 Siloam Springs
 AR Little Rock KKYK 103.7 r, "top 40/rock,"
 not "rp"
 AR Mountain Home KKTZ 107.5 rm, duopoly
 with KPFM 105.5 Mountain Home
 AR Trumann KWEZ 106.7 k [country]
 CA Gonzales KKLK 104.3 Spanish, Latin
 CA Quincy KNLF 95.9 to be gr, setting late '93
 as target date
 CA Redding KSHA 104.3 mr
 DC Washington WHUR 96.3 sr
 FL Cocoa Beach WVR1 101.1 still rm, adds Ron
 & Ron mornings (see FMedial April, p. 3, col.
 2, Orlando). Apparently the show is not
 "defunct." [& Ron mornings
 FL Miami Beach WZTA 94.9 op, adding Ron/
 FL Naples WSGF 103.1 m
 FL Tampa WRBQ-FM 104.7 k
 GA Callahan WAIA 93.3 still op, adds Ron & Ron
 mornings
 GA Harlem WCHZ 95.1 p, parallel to Sparta
 GA Metter WHCG 104.9 m
 GA Savannah WZAT 102.1 still r, adding Ron &
 Ron mornings
 GA Sparta WSKS 97.7 p, "modern rock"
 GA Washington WLOV-FM 100.1 k
 ID Nampa KLKI 96.9 op, duopoly with KQFC
 97.9-KBOI AM Boise [western"
 IN Vevay WKID 95.9 kg, "Christian country and/
 IA Clear Lake KLLK 103.1 still o, duopoly-to-
 buy KIAI 93.9-KGLO Amazon City
 IA Sheldon KIWA-FM 105.5 kt, adding EFM,
 Mutual talk
 KS Arkansas City [pronounced Ar-Kan-
 sas City, not Ar-kan-saw City] KYQQ 106.5 k, uses
 calls, "Hot Country 106.5, KYQQ" (from
 "Q-106.5")
 KS Haysville KXLK 105.3 m
 KS Wichita K1BN *90.7 gs, "Inspirational Black
 Network"
 KZZD *91.1 gr, "Christian rock and pop"
 KY Nicholasville WCKU 102.5 sr
 LA Monroe KLIP 105.3 s, "Hot 105.3," LMA
 with KJLO 104.1, while KJLO's LMA with
 KRVV-FM 100.3 Alexandria ends
 MD Prince Frederick WMJS 92.7 o

MI Allegan WKGH 92.3 o
 MI Bridgman WCSE 97.5 mr
 MI Midland WKQZ 93.3 r
 MI South Haven WCZY-FM 98.3 mr
 MN Richfield KDWB 101.3 rs, but "not within
 the same definition as WIOQ Philadelphia,
 KMEL San Francisco or WBBM-FM Chicago,
 all of which lean heavily urban/dance top 40. Nor
 is KDWB urban on weekend nights. While they
 do present a party mix on Friday and Saturday
 nights, it is not urban in the accepted form of
 the term; KDWB remains perhaps the most
 conservative big-city CHR in the country.
 Additionally, on 4-9, 5-year-morning drive jock
 Steve Cochran was fired with no comment from
 either side, though it would appear a rift between
 management and Cochran and relatively disap-
 pointing ratings were the reasons. As far as the
 urban format goes, the Twin Cities is the lone
 top-20 metro without a commercial urban/black
 station and is among four with no competitive
 urban outlet, FM or AM (Seattle, Denver and
 Portland OR are the others)."
 MS Collins WKNZ 101.7 op
 MS Clarksdale WAID 106.5 s, "Power 106"
 MS Hazlehurst WMDC-FM 100.9 kg
 MS Long Beach WJZD 94.5 to be s, expected on
 this month
 MS Ocean Springs WWXX 92.5 kr, "country-
 classic rock"
 MO Cabool KDZX 98.1 k [Stereo]
 MO EastPrairie KYMO-FM 105.3 o, on air in/
 MT Bozeman KZLO-FM 99.9 k
 NE Beatrice KTGL 92.9 rp
 NH Gorham WJTK 107.1 k, expected on July 1.
 Studios to be with WZPK 103.7 Berlin, but
 separately owned and managed; will be 24
 hours, some via satellite
 NY Binghamton WAAL 99.1 r
 NY Fulton WKFM 104.7 k, "B-104.7," part of a
 duopoly with WYYY 94.5, WSYR AM; new
 call letters expected
 NY Morristown WNCQ-FM 102.9 k, duopoly
 with WNCQ AM, WCIZ 97.5 Watertown
 NY Olean WOLN *91.3 jc, parallel to WBFO
 88.7 Buffalo
 NY Rochester WJZR 105.9 all j; \$
 NY Utica WKGW 104.3 op, taking over WKFM's
 format and staff
 NY Voorheesville WCDA 96.3 k
 NC Burgaw WKXB 99.9 k (not WVBS-FM as
 shown last month, p. 3, col. 2)
 NC Burlington WZZU 93.9 still r, parallel
 mornings with WKFX 99.7 Kannapolis, with
 the John Boy & Billy morning show
 NC Williamston WHITE 103.7 r, ending duopoly
 with WRHT 96.3 Morehead City
 OH Bainbridge WKHR *88.3 mp, big bands
 mornings, rock noon to sign off, "Your only
 real alternative."
 OH Medina WQMX 94.9 k
 OH Milford WAQZ 107.1 p, modern rock,
 "Channel Z" (from "Power Pig"), LMA
 continues with WEBN 102.7-WLW AM
 OH New Philadelphia WKHJ *91.5 to be cn
 OH South Webster WZIO 94.9 b
 OK Pauls Valley KGOK 97.7 o, hits of the '60s
 and '70s ["Star 105"
 OK Perry KASR-FM 105.1 mr, back on air,/
 OK Pryor-Tulsa KMYZ 104.5 rp, "now sounding
 more and more like an AOR, leaving a CHR
 void in Tulsa"
 OK Stillwater KSPI-FM 93.7 rm, uses calls, not
 "Classic 93.7"
 OK Taft KHJM 100.3 gt, "KHJ," much of the
 time in "pseudo stereo"
 OR Lincoln City KCRF 96.7 op
 PA Emporium WQKY 99.3 ok, oldies-country,
 still "Y-99"
 SC Seneca WBFM 98.1 o
 TN Alcoa WYLV *89.1 gr, owned by WRJZ 620
 AM Knoxville
 TX Corpus Christi KMXR 93.9 rm, "Star 93-9"
 TX Hooks KLLI 95.9 k, hot country, "Thunder
 95-9" (from "Oldies 96"), saying "There's a
 new hit kicker in town," referring to Texark-
 ana's KKYR-FM "Kicker 102.5" and AM.

TX Kermit KERB-FM 106.3 k
 TX Mirando City KBDR 100.5 o, adds Laredo to its ID, "Border Oldies B 100"
 VA Arlington WAVA 105.1 gt, Christian talk, some stereo assumed
 WA Pasco KGDN 101.3 gr, co-located with KEGX 106.5 Richland
 WA Spokane KPLZ 101.5 sr
 KSPO 96.9 g
 WA Walla Walla KNLT 95.7 o
 VT Wilmington WWAY 100.7 p, "adult progressive" (from "Mix 100")
 WI Portage WDDC 100.1 k, "NewCountry 100"
 WI Watertown WJJO 94.1 op, ID with Madison, but no longer with Milwaukee
 AB Edmonton CIRK 97.3 r, "AC with an edge, focusing on younger adults," still "K-97"
 ON Bracebridge CFBG 100.9 still rm, reducing local programming from 80 to 42 hours a week, rebroadcasting sister station CFBK 105.5 Huntsville
 ON London CFPL-FM 95.9 op
 ON Orillia CFOR (from CFOR-FM) 105.9 k,



preparing to move from AM to FM

On Air and DX Ready (Selected)

AR Benton KAKI 107.1, not yet having moved to 106.7 and not using the new KGKO-FM call letters [of course"
 AR Forrest City K234- *94.7, "in stereo/
 AR Wynne KWYN-FM 92.5, having moved from 92.7
 IL Murphysboro WTAO 105.1 (having moved from 104.9), "Rock 105 TAO" (from "105-TAO")
 KY Benton WCBF-FM 102.3, not yet on 99.1
 MN St. Cloud KVSC *88.1 with 16500 vertical only, 136 m, and "quite consistently received throughout the Twin Cities metro since their upgrade... This unpublished fact may be of interest to disenfranchised fans of KJJO-FM's modern rock format. Not as consistently programmed as 104 was, but worth checking."
 MN St. Louis Park KDXL *106.7 now \$, but "seems to have a much stronger signal than would be expected of an 8-watt, 25-meter station. Furthermore, they continually leave the carrier on after sign off."
 NY Babylon WBAB 102.3, along with WGBB 1240 AM, being sold for \$16 million to Liberty Broadcasting. Michael Craven, president, used to work for Group W.
 NY Rensselaer WQBK-FM 103.9 and AM seek Chapter 11 bankruptcy protection while it restructures its debts during a 90-day period. Apparently, Howard Stern on the FM side has not helped its business enough. This filing comes after the FM has increased to 6 kw and doubled its office and studio space.
 OK Clinton KCLI 95.3, not yet having moved to 95.5 [h.; 150 m



WI Whiting WYTE 96.7 now on with 50000/

Off Air—or Not Yet On

AR Augusta KABK 97.7
 AR Cabot KLPQ 102.5
 AR Hot Springs Village KVRE 92.9
 AR Marked Tree KXHW 93.7
 AR North Little Rock KZQA 101.1
 DE Smyrna WYHH 92.9
 IL Anna WRAJ-FM 96.5, moving from 92.7
 IL Herrin WVZA 92.7
 IL Olney WPTH *88.1

NH Moultonborough WSCY 106.9, but expected on early this month. To be "kind of a mini-HOM," with a hot-country format, transmitting from the second-highest peak in the Ossipee range. "The mountain itself is unnamed, but it sits beside Mount Shaw, near Castle-in-the-Clouds."
 OH Thompson *89.1 is a proposed W/KSU Kent relay with 11 kw, no CP yet
 OK Elk City KTIJ 98.5
 PA Harrisburg WRTQ *88.1
 TX Daingerfield KWSK 106.9
 WI Adams WDKM 106.1, expects to be on by next month (Stevens Point
 WI Marathon WMGU 104.9, moving from/
 WI Sun Prairie WMAD-FM 92.1 and AM 1190 off since June 2, 1992, applies for ownership change
 "When do you plan on coming out with the next FM Atlas? I recall it was around this time when it came out last year."
 "Who could resist a trial subscription to the FMedial newsletter? ... However, I think I'll wait for the 15th Atlas to update my old one."

Deletions

KS Hiawatha KJTH *91.1, and dismissed application to transfer ownership to Joy Public Broadcasting Corp.
 MA Stockbridge WCWL *91.3
 MS Ebenezer WZBR 103.9
 NJ Highland Park WVHP *90.3, shartime station WVPH expected to go fulltime
 TX Olney KJLR 97.5
 ON Cornwall CFML-1 92.1 (see "New," above)
SCServices, 57, 67, 78.67, 92 kHz
Symbols are as in the "FM Atlas"
 CO Denver KRMA *6 had weather, but now "the programming does not make sense. It is not descriptive audio for the blind; it has no relationship to the visual. I just haven't listened long enough to tell what it is." Unlike KBDI *12 (see below, "AM Happenings"), KRMA utilizes its SAP all of the time.
 CT Westport WEBE 107.9 tM, 67, NOAA weather for New York city and Long Island (162.55 NYC and 162.475 Riverhead L.I.). "Nothing on 92."
 FL St. Petersburg W/KES 101.5 tU, 67 (not tX). "We use it for remote reading of our transmitter (telemetry)."
 IA Fort Dodge KTPR *91.1 tT, 92 (from tU), 67 is tX. The T is the Iowa Radio Reading Information Service (IRIS), with about 35-40 volunteers needed; volunteers can call the IRIS office in Des Moines at (515) 243-6833; Bill Kelsey, president. About 1800 are in need of the service but only 50 receivers will be available because of budget problems. The service is only designed for newspapers and magazines. "Listeners will hear few books read on IRIS because Kelsey said the organization does not want to compete with books-on-tape programs offered by local libraries."
 MO Rolla KUMR *88.5 no SCS; had tF, and before the a relay of WWV shortwave time signals. Hasn't used its SCS for eight years and has only an old McMartin generator. It had used the SCS for a studio transmitter link and/or for special events more recently. Hopes to again return to the SCS airwaves when it acquires a newer generator.
 NH Mount Washington WHOM 94.9 tU, 67 (no tG); tS, 92. "When I put WSEW and WWPCC on the air, we got out of the subcarrier business. Both stations are run by remote control from my house—just as the SCA was."

NJ Newark WHTZ 100.3 no SCS (had tE, 92)
 NJ Paterson WPAT-FM 93.1 still tX,Z, but the data on 67 "sounds different from before; hard to tell if X or Z" [December '92," tE, 92 kHz SCS
 NY Lake Success WYNY 103.5 no S, 67, "quiet since NY New York WNYE *91.5 tX, 67, but sounds like spreading over the entire 57-67 kHz spectrum
 WQHT 97.1 tE, 67
 WRKS 98.7 tZ, E [still tZ, 92
 WBAI *99.5 no 67 (open carrier only; was tX), /
 WCBS-FM 101.1 no 67 (had tX), still tZ, 92
 WMXV 105.1 tZ, 67; C, 92—WHTZ 100.3 Newark NJ all the time, but when WHTZ has the sleazy "Love Phones," 10 p.m.-Midnight (Dec. '92, p. 3, col. 2; Jan. '93, p. 3, col. 1) it carries the show with no 10-second delay—with all the "porn"!
 WLTW 106.7 tZ, 67 (was tX). "Maybe you oughtta just use Z for all the data SCAs; there are hardly any Xs left any more." [Laying WFAS AM (no 92)
 NY White Plains WFAS-FM 103.9 tC, 67, resumed re/WI Madison WIBA-FM 101.5 to add tS, 92 kHz. "We expect to have RBDS at 57 kHz, so 92 would place it farther from the 67. By adding the SCA perhaps we can avoid a back-up Marti unit."

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 top of hour)
 AR Ashdown KARQ 92.1 uses calls, "Hot Country KARQ 92"
 AR Gurdon KYXK 92.7 Kicks 92.7
 AR Hot Springs KLXQ 96.7 Q-96
 KLAZ 105.9 uses calls, along with "Hot 106"
 AR Pine Bluff KPBB 101.3 Country 101
 AR Stuttgart KXDX 105.5 Ducks 106
 GA Athens-Atlanta WALR 104.7, still s [(from "Lite Mix 95.1")
 IL Carterville WEZS 95.1 Lite Hits 95/
 IL Metropolis WREZ 105.5 EZ 105
 IN Indianapolis WRZX 103.3 Solid Rock X-103
 KS Derby-Wichita KRZZ 96.3 uses calls, "96-3 KRZZ" (from "96.3 KRZ")
 KS Haysville-Wichita KXLK 105.3 Mix 105 (from "FM 105")
 KS Wichita KKRD 107.3 uses calls along with "Hot Country" (from "FM 107")
 MN Fergus Falls KZCR 103.3 The Z (not strict). "Signal too poor to listen much and I hate the music!" ["Lite FM"
 MN St. James KXAC 100.5 uses calls with/
 MS Leland WIQQ 102.3 Lite Radio Q 102 (from "Q 102") [(from "97% Country")
 MO Doniphan KOEA 97.5 Country Leader 97.5/
 OK Okmulgee-Tulsa KTHK 94.1 Classic Rock 94.1 (from "The Hawk")
 PA Allentown WFMZ 100.7 Lite'n'Easy (not strict, from "FM 100 Plus")
 TN Alamo WNBK 93.1 Good News 93.1 (from "Lite 93")
 TN Dresden WGNN 95.1 Gospel 95
 TX Edinburg KVLV 107.9 The Valley
 TX Kilgore KKTZ-FM 96.1 Classic Rock 96.1 (from "Heart 96.1")
 TX Marshall KCUL-FM 92.3 Oldies 92.3 FM (from "Rock&Roll Memories 92.3") [FM
 TX Winfield KALK 97.7 Classic Lite K-Lake 97/
 WI Tomah WBOG 96.1 Berry 96, named for cranberry bogs nearby
 WI Waunakee WYZM 105.1 Y-105
 WI Wausau WDEZ 101.9 uses calls, not "Z-102"
96.1 *Berry good oldies!*
Multi-City IDs In Use
 AR Glenwood KWXE 104.5 adds Hot Springs, "Quixie Country"
 MS Coldwater WVIM 95.3 adds Senatobia-Memphis (TN), "Y-95" (from "Hot Country 95.3") [You have a great book."
 "Thought you would like this information./
 "Is there a guide for AM? Your FM guide is great!"

"Thanks for your time and I really enjoy the 'FM Atlas'." [FM Atlas and FMedial"]
 "Please continue your fine job with both the"
 "I demand that you refund all my money, or I will tell my friends how bad your products are."
 "The owner of the radio station I DJ at part time gave me a 1990 edition of your FM Atlas. I was amazed to see it has everything I was looking for plus much more..."

AM Happenings Most Likely Caused by FM

AZ Nogales KFRB 1340 silent
 AR Horseshoe Bend KHAM 1000 kHz: FCC deletes call letters; had been in receivership.
 CA San Luis Obispo KIXT 1400 goes all ads, with listeners calling a 900 number to place their classifieds. Station wants to syndicate its "Radio Home Shopping" concept. Meanwhile, WHLP 1360 Baltimore dumps its help-wanted classified ad format in favor of adult standards.
 CO Limon KLIM 1120 daytime, 250 watts. "We could go higher, but management never put through the application. We are working with KBDI *12 to be on their SAP and are looking for a good quality SAP radio to take and demonstrate. It is to help KBDI, which is hurting, and to help our signal be heard better in Denver. It should be on in about six weeks."
 GA Soperton WJHH 1000, silent since 1989 "because the licensee has been financially unable to expeditiously resume broadcast operations." FCC issues an order to show cause why its license should not be revoked.
 IN Fort Wayne WLYV 1450 silent
 KY Danville WKLO 1000, silent since 1989 "because the licensee has been financially unable to return the station to the air." FCC orders a Show Cause why its license should not be revoked.
 MD Baltimore WITH 1230 was scheduled to go to children's radio, but its sale to new owners hasn't closed, forcing it to go to music (adult standards) and hire d-j's.
 MI Muskegon Heights WQWQ 1520: "Since morningman Cliff Martin's retirement in January, WQWQ has been all satellite-fed (SMN 'Stardust'). Only local programming now is Saturday afternoons (a polka show). WQWQ also is in an LMA with WLCS 98.3 North Muskegon, which remains 'o'."

NE Lincoln KHAT 1530 silent, while KMEM (formerly KFMQ) 1480 returns with standards, and owned by KLDZ 95.1.
 NY North Syracuse WNSS 1200 now simulcasts WEZG 100.9 mostly, but still carries some call-in shows, "but beyond that their FM prevails over their AM airways."
 VA Danville WDVA 1250 silent. Had been for sale, but they'd received no serious offers. "Even with its small staff of three, the owner felt he did not wish to continue subsidizing the operation without viable buyers on the horizon. Therefore, he closed the station after 48 years of broadcasting."
 VA Highland Springs (Richmond) WCLM 1450 silent; had been jazz.
 WI Hudson WRPX 740 now with separate music from WDGY 630 St. Paul. Now on days only, "with poor taped commercials. At sign off they just quit, sometimes in the middle of a record. Heard them give a sign off once and noted night authorized power of 7.7 watts (to protect *CBL Toronto). The way the station is being run, I wonder how long it will continue. I would imagine still a tie-in with WDGY, as same 'dollar power' commercials are being aired. No longer combined IDs."

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 Buckeye 106.9C2 for A, KMJK, June 14, 29
 AZ Globe 97.3C3 for A, KRXS, May 20, June 4
 AZ Nogales 99.1A, June 1, 16
 AZ Oracle 103.7A for 103.1A, KLQB, with San Carlos [May 20, June 4
 AZ Paradise Valley 105.9C3 for A, KXLL, /
 AZ San Carlos 103.1C2 for 103.7A, KOYF, May

21, June 7
 AZ Wellton 104.5C2, May 21, June 7
 AZ Wickenburg 94.1C3 for 93.7A, KMEQ, May 21, June 7 [with Ridgecrest
 CA Lenwood 104.5A for 104.9A, KIQQ-FM, / CA Ridgecrest 104.9B1 for A, KLOA-FM, May 21, June 7
 CA Yermo 105.3B1 for A, KYHT, June 1, 16
 FL New Port Richey 105.5C3 for A, WGUL-FM, June 1, 16 [New Port Richey
 FL Sarasota 104.3A for 105.5A, WKZM, with / FL Trenton 101.7C2 for A, WCWB, June 21, July 6
 GA Pelham 92.3A, June 14, 29
 HI Hall'imale 105.5C for A, KPMW, June 21, July 6 [July 6
 HI Kahala'u 106.1C for A, KLEO, June 21, / MI Norway 94.3C3 for A, WZNL, June 11, 28
 MN Rushford 99.3C3 for A, KWNO-FM, June 11, 28
 MS Cleveland 103.9C3 for A, WCLD-FM, and deleting 103.9A from Ebenezer, former station WZBR, June 11, 28.
 MS Greenwood 104.3C2 for C3, WGNL, June 14, 29
 MO Moberly 105.5C2 for C3, KZZT, June 11, 28
 NY Chateaugay 94.7C2 for 94.7A, WYUL, June 1, 16
 NY Minetto 106.5A, June 14, 29
 NY Newport 92.7C2 for C3, KCLM, June 21, July 6
 OR Reedsburg 99.5C3 for A, KRBZ, June 14, 29
 OR Toledo 100.7C2 for A, KZUS-FM, June 4, 21
 TX Howe 95.3C3 for A, KHY1, June 11, 28
 TX Willis 103.7C3 from Huntsville, KVST, May 20, June 4 [De Forest
 WI Berlin 104.7A for 102.3A, WISS-FM, with / WI De Forest 93.1A, June 11, 28
 WI Wautoma 102.3A for 93.1A, with De Forest

FM Rulemakings Finalized

Dates are when FCC filing windows are open

AK Bethel 98.3C3 to June 1
 AK Juneau 102.7C, to May 27
 AR Fordyce 102.3A for 101.7A, KQEW
 AR Hope 101.7C2 for A, KXAR-FM
 AR Mountain Pine 101.9A, May 14-June 14
 CA Arvin 94.5A, May 14-June 14
 CA Gridley 101.5A to May 27
 FL Beverly Hills 97.1C3 for A, WXOF
 FL Bradenton 103.5C for 103.3C1, WDUV
 FL Chiefland 107.9A from 97.3A, WLQH-FM
 FL Holiday 97.1C2 from 106.3A, WLUV-FM
 FL Indiantown (from Okeechobee) 103.1C2, WOKC-FM
 FL Micanopy 97.3C2 for 97.7A, WRXX
 FL Sarasota WSRZ-FM 106.5C2 for 106.3A
 FL Tavares 106.7C1 (from Leesburg), WXXL
 GA Cuseta 103.7A, June 1-July 1
 GA Harlem 95.1C3 for A, WCHZ
 GA Homerville 98.7A for 105.5A, WBTV, with Lakeland
 GA Lakeland 105.9C3 for A, WHFE
 GA Statenville 97.5A for 98.7A
 ID Gooding 101.3A to June 1
 IL Dwight 98.9A to June 1
 IN Winamac 100.1A, first come/first serve
 KS Colby 97.9C1 to June 1
 KS Hill City 101.9C to May 27
 KY Mannsville 99.9C3 from Campbellsville 99.9A, WVLC
 LA Mamou 101.1A to June 1
 LA Ruston 99.5A to May 27
 MI L'Anse 106.1C2, first come/first serve
 MN Starbuck 97.3C2, June 8-July 8
 MN Thief River Falls 99.3C3 for A, KKDO
 MS Bruce 94.5A to June 1
 ND Bismarck 98.7C to June 1
 OH McArthur 98.7A to June 1
 OK Broken Bow 106.1C2 for C3, KKBI
 OK Seminole 105.9A for 105.5A, KIRC
 OR Brookings 95.3C2 for C3, KURY-FM
 OR Myrtle Point 94.1A to June 1
 TX Henderson 100.1C3 for A, KGRI-FM
 TX Littlefield 95.5C3 to June 1
 UT Richfield 97.5C to June 1
 VT Marlboro dismissed Mtn. View Bcatg. bid to delete vacant channel 101.5A
 WA Ephrata 93.9C2 to May 27
 WI Allouez 106.7C3, June 8-July 8
 WI Iron River 107.3C2, June 1-July 1
 WI Sheboygan Falls 106.5A, June 8-July 8
 WY New Castle 99.3A to May 27

NH Politician Puts Heat on Christian Stations in NH, ME

There they sit—two small monophonic FM stations close to Rochester NH, where owner Ronald R. Malone lives. WSEW *88.5 Sanford ME and WWPC

*91.7 New Durham NH are the successors to Malone's SCSERVICE that used to be on the 67 kHz channel of WHOM Mount Washington NH.

Lacking the booming coverage of WHOM, the two stations together reach only part of the area where Malone used to broadcast to citizens owning specially-equipped G-E Superadios. Trouble is, there is another Christian broadcaster, Brian Dodge, who is apparently behind a move to get Malone's two FM station permits revoked. Rep. Julie Brown, a Republican from Rochester NH, wants the FCC to conduct a full investigation of the stations' operations. The flap, Malone states, is being stirred by Dodge, general manager of local WWNH 1340 AM, and applicant for other FM stations around the country. Malone would not comment to the Boston Globe, but he had plenty to say when I called him.

"Brian Dodge's FM applications are of a questionable nature and are being investigated by the FCC; they are all on hold," Malone said. "He [Dodge] is indeed the source of the petition to the FCC; he is bankrupt and in Chapter 13 in New Hampshire," Malone went on.

Dodge claimed, in the Globe article, he is not involved in the Brown petition. WSEW went on the air March, 1992, and WWPC in December, 1992. The stations do local origination in the morning, but otherwise are satellite-fed, and are, like their SCS predecessor on WHOM, strictly mono. Indeed, I may have been the first person to ask Malone why they weren't stereo. He said it's for better range. Each station has about 100 watts, vertical only.

Also concerned is Donald Crown, one of the owners of WCDQ 92.1 Sanford ME, who claims there is interference to his station's signal from WWPC, and he wants the FCC to investigate the technical parameters of Malone's 91.7 station, including whether it was built to the correct height or not. Brown said the original FCC construction permit called for WWPC to be 30 meters tall, but it was only built at 14 meters. Malone told me that the operation was downsized to 130 watts vertical from the original 300 h/v, but its height above average terrain apparently remained at 151 meters. Brown's petition to the FCC also calls into question WWPC's ownership: Morning Star Academy. Malone confirmed that Morning Star Academy is not a school, and that he and his wife run the stations from their home in Rochester. Zoning is also not a problem, he contends, because the operation is a continuation of when he was an SCS broadcaster, with the same studio facilities in use. He claims that no neighbors have complained about the radio station in his home.

Brown insists she did not file the petition at Dodge's request, or that she objected to the religious programming. "It is not a religious issue. I've been a

member of the same church for 25 years. Everyone has a right to their religious beliefs. If the local zoning board says OK and the FCC checks it out, fine. It's the most I can do," she said.

R. H. Perrin writes, "My recent letter to you said there are too many FM stations too close together. This proves it."

FM Station in Poland Takes on Catholic Church/Establishment

A reporter from RMF-FM (frequency not available) went underground and contacted women about Poland's new, restrictive abortion law. She claimed to a poor pregnant peasant girl who needed help getting an abortion. Of the 20 or so groups contacted, only one offered her shelter so she could give birth. "The rest just yelled at her, warning that getting an abortion simply because she didn't want the child would be a sin and illegal under the new law," according to an article by John Pomfret in the *Washington Post*. I didn't call Poland to check further, but the report, after airing on the Krakow station touched off a "furor" in southern Poland. Church officials accused the station of being "anti-church," which is the "equivalent in Poland to 'anti-state' during Communist times." RMF-FM is large according to Poland standards; it is commercial and has \$7 million in state-of-the-art equipment, and has an estimated 67 percent of the market share in the area of Poland it covers with 28 transmitters, with an average power of 10 kw, serving a potential audience of 6 million. RMF-FM would like to go nationwide. "We have succeeded by our own sweat," Stanislaw Tyczynski, president, said. "No foreign investment. No bank loans. Nothing. We're ready to go nationwide. The only thing that could stop us is politics."

Small Print Happenings and FM Industry News

Canadians have formed a committee to work on SCMO/RBDS matters. The RABC Broadcasting Committee is headed by Tom Young, and its purpose is to develop a Canadian standard for Radio Broadcast Data Services (57 kHz SCMO).

Undoubtedly, the group will decide which features of the European system would best fit Canadian needs, including the ability of a user's radio to follow programming of CBC stations as one travels across Canada. Young's company is behind CFMO 101.1 Smiths Falls ON, having recently changed from CHEQ.

And the CBC has joined with representatives of the private Canadian Association of Broadcasters to form Digital Radio Research, Inc. (DRRI). "Digital radio will be a regular part of our broadcasting lives within the next couple of years," predicted Michal McEwen, CBC senior vice-president of radio. McEwen heads DRRI, which has a budget of \$2.3 million. Canada, by forming this committee, "is taking the lead in the transition from conventional AM and FM stations to digital radio broadcasting," McEwen stated. The prototype stations will initially broadcast "a strange hybrid of existing CBC and private programs."

More music and less talk, and possibly more commercials is what Canadian FM listeners have to look forward to, thanks to the easing of

certain CRTC regulations. Policies dictating the amount of news and talk programs are being eliminated. Statistics Canada showed the nation's 500 private stations losing an estimated \$41 million in 1991 and \$26 million in 1990. The new rules should ease the burden on FM stations, which had to devote 15 percent of their programming to the spoken word and at least three hours of news a week. Commercial FM stations in markets with more than one commercial station must now devote one third of the broadcast week to local programming. AM stations don't have to abide by such a rule because of the financial difficulties many of them face. Campus FM stations will also be allowed 504 minutes of advertising a week, with a maximum of four in any hour. Of that total, 126 minutes may be regular ads, with the remainder underwriting spots, similar to what we hear on U.S. public radio. The Canadian Association of Broadcasters had opposed that change, fearing campus stations would eat into the dwindling revenues of commercial stations.

The parttime stereo status of KFCF *88.1 Fresno is a thing of the past. Christmas Eve, 1992, it hooked up to parent KPFA *94.1 Berkeley via satellite. Reception was so bad in the mountains from which its microwave feed was obtained that it could broadcast stereo only when doing local programming. KFCF decided to go to a full stereo digital satellite system with a \$30,000 investment and \$1,000 a month for the channel rental. It had used the microwave system in the mountains since 1975, "but as new stations were licensed in the FM band, the signal gradually weakened." Let's speculate as to what those new stations were: How about KTAA 94.3 Kerman CA? Even KUFX 94.5 Gilroy might have plagued a receiver that was not too selective, and maybe KLFA 93.9 King City-Salinas. Local KSKS 93.7 Fresno would also be a problem in the mountains where signals would be strong.

Many FM stations are owned by colleges, but none that I know of have gone as far as WAWL *91.5 Red Bank TN, in recruiting students to its parent institution. Listeners who win prizes at the station now end up on the recruitment roster of Chattanooga State Technical College, if they are of the right age. DJs are told to ask the winners for their name, address, age and plans about attending college—information which is sent to the marketing department of the school which places the names in its database for continuing education mailings. "Not only is this information useful to the college, it also gives the radio station a better overview of its listening audience's demographics," quipped *College Broadcaster* magazine.

It's or. FM all right, but strictly in the world of "unsolved mysteries." A terse announcement from the FCC gave the call letters K02XEC to Signwaves, Inc., "new experimental [station] to operate on frequencies 88-108 MHz to test new product configurations for low power transmitters" in the continental United States. No word as to where Signwaves, Inc. is or what other activities that company is in. I wonder if it's testing for talking billboards or real estate radio? Or perhaps low power FM. The FCC has proposed to amend its rules for low power TV to relax standards for accepting applications, narrowing the definition of a major change, and expanding where terrain shielding can be used to show the absence of interference. With such liberalizing of LPTV rules, might low power FM be allowed, especially now that Quello is slated to become just a commissioner, instead of interim FCC chief?

A black woman as head of the FCC? That's the rumor leaking out of Washington, with Antoinette D. Cook, an aide to Sen. Daniel Inouye, being suggested. She would be the first black and the first woman to hold the post of chair. She helped the Senate draft the tough new cable legislation which George Bush vetoed, but which was passed anyway. Cook, 36, is a Democrat who is said to be in favor of reinstating the Fairness Doctrine and an activist in favor of children's programming. She would take over

from James H. Quello, Democrat.

April 30 FCC Commissioner Sherrie Marshall left. She announced she is starting her own firm, The Marshall Company, to provide strategic planning, policy and acquisition advice to communications companies. It will be headquartered in Los Angeles at the Ziffren, Brittenham & Branca law firm, and will have an additional office in Washington DC. Marshall had been with the FCC since 1989, and was interested in the FCC allocating new technologies such as high definition television (HDTV) and personal communications systems (PCS); she holds a J.D. degree from the University of North Carolina-Chapel Hill.

As HDTV approaches the marketplace there is a need for electrical engineers to help design the integrated circuits to make such broadcasting possible, but the employment of engineers is seen as "modest" at best, according to "EDN News." Companies that must wait for the FCC to act are readying teams that can go into high gear once a standard is set.

Boston's mega-merger falls through, with Pyramid Broadcasting (WXKS-FM 107.9 and AM) and Atlantic Radio (WHDH-WRKO AM-WBXM 98.5 FM) saying that they have abandoned plans to become a single entity, The Boston Radio Group. Inability to resolve certain key business terms was given as the reason. But the deal involving WSSH-FM 99.5 Lowell-Boston and WBOS 92.9 Brookline-Boston is going forward.

WMXB 103.7 Richmond has asked the FCC to deny the sale of WRXL 102.1-WRNL AM to the owners of WRVQ 94.5-WRVA AM. WMXB contends that even though the four stations add up to 24.7 percent of the local audience, they at times come over 25 percent.

KMOJ *89.9 Minneapolis is involved in a legal battle as to who can take administrative control. At question is an April 8 board of directors election; the skirmish was reported in the St. Paul alternative paper "Insight."

It's well known that TV channel 6 can be heard on FM at 87.75 mhz, and capitalizing on that is KHQ-TV 6 Spokane. It bills the signal as "KHQ-FM 87.7," and the promotion mentions the availability of its newscasts on FM radio. KBJR-6 Superior WI-Duluth MN has done that a few times in its advertising.

Coming events from the Pavak Museum of Broadcasting. May 21-22 a big radios' garage sale, with collectors of antique radios (some early FM-AM radios can be had) descending on the Hotel Seville in Bloomington and selling radios

from the tailgates of their cars and vans. Call Don Hauff, (612) 374-9739 for details or send a long SASE to Radio Daze '93, NARC, PO Box 18362, Minneapolis MN 55418. A couple of years I was there buying, trading and selling radios. This logo must be from an old radio.

Fined \$18,750 is Emmis Broadcasting, WBCS 96.9 Boston (formerly WCDJ), for EEO violations. The local chapter of the NAACP claimed the station had no meaningful EEO program, which the station denied. The NAACP then withdrew its claim against WBCS and settled privately. This led the FCC to do its own investigating, and it found the station did not engage in affirmative recruitment efforts for most of its vacancies and failed to maintain adequate records. Because of this, the FCC imposed more stringent reporting requirements on the licensee and the fine.

WBZZ 93.7 Pittsburgh said to be heading for an FCC license renewal hearing. It stems from Liz Randolph's late 1980s sex discrimination/wrongful discharge suit. WKYS 93.9 Washington DC is also being sued—by former night d-j Kevin James, for \$1.2 million. He cites breach of contract and invasion of privacy. He claims WKYS didn't give him the amount of program-



ming freedom they had promised and that station people broke into his locker and dubbed off his personal carts.

The NAB, not unexpectedly, is opposing a bill in the Senate and House, the "Sensible Advertising and Family Education Act" (S.647) which would force alcohol ads to carry a rotating series of disclaimers. NAB feels this will mean a loss of ad revenue for over-the-air stations and networks, and drive some programming, like sports, to cable.

ABC has announced that a national morning show for the Satellite Music Network at the beginning of 1994 will feature Tom Joyner, who has been at WGCI-FM 107.5 Chicago and KKDA-FM 104.5 Dallas.

WECC *100.7 Springfield OH took in \$375,000 in pledges, reaching its goal in three days. Previously, it had taken "several months" to reach its goal. That Christian station has only recently been classified by the FCC as noncommercial.

The former WBBY 103.9 Westerville OH facility is being sought by seven applicants; the FCC has designated them for hearing. No interim operator has been named, and the channel remains in the realm of DXing to Columbus folk.

Glenn Hauser says his "World of Radio" is on WHRI shortwave 7315 kHz 7:30 p.m. Friday and 10 p.m. CDT Sundays, and "quite shorty" WWJCR in TN will be restored; it had a fire. His "DX Daily" show is 8:30 p.m. CDT M-F on 7315 and 1 a.m. CDT on 7315 and 9495 kHz.

This from the "Daily Digest" for April 1, 1993: FCC appoints Howard Stern as decency board czar; Jessica Hahn to be chief of staff.

"Due to considerable experience in area, Mr. Stern is to initiate proceedings attempting to accurately define 'decency'. 'Looking at cable TV lately, I haven't seen any' said Mr. Stern. 'What's the Weather Channel thing, anyway?'"

The FCC didn't have a quote from Ms. Hahn. I still think Howard belongs in North Adams MA advising WJJW *91.1 (see March, p. 8, col. 2)

From the classifieds: KLUH *90.5 for sale, PO Box 1313, Poplar Bluff MO, CP for 700 watts h.v.; \$75,000. D. Parsons; (314) 785-0006

General manager KUGS *89.3 Bellingham WA, B.A. and experience and ability to teach broadcast/journalism at the college level. Letter, resume, references to Christina VanWingerden, MS 9106, Western Washington University, Bellingham WA 98225. EOE.

A student station in Denmark wants contacts at American stations. "What can we learn from you?" asks Lars Rikart Jensen, Radio Energy, DTH (Technical U. of Denmark), 2800 Lyngby, DENMARK.

McMartin SCS generator \$200. R. Johnson, 1705 Liberty St., Mexico MO 65265; receivers, too; (314) 581-2900.

DX Doings—An Occasional Feaure

These early spring mornings (up to about 10 local time) have been unusually good for producing long-distance (DX) reception in the Midwest. May 4 brought excellent reception from NE, SD, ND, the 5th to MI, and on the 6th I heard WVCY 107.7 Milwaukee on a stereo boom box with no outside antenna. WVCY-FM-TV were pitching for money and by 9 a.m. had received \$63,883 in the \$320,000 goal. Naturally, reception faded out before I found out if they made that goal! WFMT 98.7, "V-103" 102.7 Oak Park and WBEZ *91.5 Chicago were all noise free—when later tuned in on the FM set connected to a rotating yagi antenna. All heard here in Esko, which is about 22 km west of Luth and the western tip of Lake Superior. Try FM DX listening as you get up; tune in frequencies not occupied by strong local stations. The "FM Atlas" should be useful to help you identify the stations you receive. After about

May 15 until around July 20 listen for sporadic-E skip. Best hours are from 10 a.m. to 6 p.m., and skip is first noted low on the dial, such as 88 to 90 mz. If the "opening" intensifies, skip will be heard higher on the dial, sometimes as high as 107.9 mz. Check channels not filled with strong local signals. DXing is a good way to sleuth out formats and promotions of stations outside your local market.

WFMT was heard giving two-in-a-row commercials, something they didn't use to do, but all commercials were live and there was no repetition of addresses or phone numbers. I like the fact that they always announce the time to the exact second—an art forgotten by every other commercial station in the nation, I dare say!

WGGL *91.1 Houghton MI had only an open carrier SCS. Bob Watson at MN State Services for the Blind said they are supposed to have the SCS, and he called them to see that the SCS is restored. Yes, even SCServices can be heard well out of their normal service areas when conditions are exceptionally good—as they have been early this month.

FM FORUM

CONTRIBUTIONS FROM READERS

Returning to last month's discussion of the CPB toll-free complaint number, the National Federation of Community Broadcasters members present at a seminar I attended seemed to agree that if millions were spent servicing incoming calls, then the line might be given up. [See December, p. 7, col. 2.] A sort of compromise has been reached whereby the total programming effort of a station or network, like APR or NPR, is considered, rather than each program having to be balanced.

Perhaps the NFCB's anti-religious bias may be in part justified when one considers what one of the nation's foremost religious broadcasters, Harold Camping, president of Family Stations, Inc., is saying. His doomsday forecast, in a vanity-press [Vantage] published 576-page book, "1994?" claims the world will end in September, 1994, with the second coming of Christ. Although the Bible says no one will know the day or hour of Jesus' return, the 71-year-old Camping, who holds a degree in civil engineering and is best known as host of the "Open Forum" radio program, says it is possible to know the century, decade, year or month of Christ's return. Camping's Biblical research leads him to believe that creation was exactly in 11,013 B.C. So far, about 42,000 copies of his book have been sold, but public response has been "by and large a studied silence," with Camping saying theologians are "not very happy" with his prediction. Phil Boersma, who used to work at a Christian station in western MI, muses, "I wonder if he's still in the Christian Reformed Church? They used to kick people out for stuff like this."

A list of Family Radio FM translators

was kindly sent by Craig Pattillo; however, I don't have time to go through the list and compare what it shows with my "FM Atlas." If any reader volunteers to go through the list and write additions or corrections to it, let me know and I will send it. I hope to have a new "FM Atlas" ready by August, but making that deadline will require time and discipline that has so far been lacking. FMedia! is on the rebound, with the print run increasing for the first time since I started publishing. A huge backlog of radios' orders has come upon us, and most of the time I have a technician working to modify radios for the SCS feature. Out of print is our radios' and electronics catalog—last published in 1991.

The top orchestras may be departing the FM airwaves (March, p. 8, cols. 1-2) but writers to the NY Times mentioned that the San Francisco Symphony and the St. Louis orchestras are both doing fine. SF continues to benefit from Chevron sponsorship, while the St. Louis orchestra is heard 52 weeks a year on National Public Radio. Underwriter there for the last six years is Southwestern Bell. An NPR producer, Don Lee, wrote in and said the new way to listen, what with people using radio for brief drives in the car, etc., is the program *Performance Today*. That program series offers a "daily snapshot of concert activity all over the country. To orchestras, it offers the opportunity to reach more listeners with each concert, because the series presents music from a single concert across a span of several days, [and it is] also the opportunity to maintain a regular broadcast presence for far less money than it takes to produce traditional concert broadcasts." KING-FM 98.1 Seattle's program director, Peter Newman, said "It is not the job of the 50 or so fulltime commercial classical radio stations to serve as an outreach service for a handful of orchestras. Our task is simply to broadcast classical music to as many people in our respective markets as we can.

"After dropping all of KING-FM's syndicated concerts and introducing a live local show that brings musicians into the studio to perform—as well as continuing our broadcasts of the Seattle Symphony Orchestra—we saw a 33 percent increase in audience share."

After last month's FMedia! was mailed, Jim Wychor called and said that June is Charlie Person's wife, not his daughter (April, p. 7, col. 1). She is 81, and "Charlie [83] just got his pilot's license renewed." They have announced the sale of KABD 103.5 Brainerd to Jim Ingstad Broadcasting, owners of some 20 Upper Midwest FM and AM stations.

The Pavek Museum of Broadcasting is hoping to move to larger facilities and hiring more staff. You can help by joining its "Kilowatt Club," by sending a donation

like \$1000 for the 5100 to 10,000 watts club to the museum at PO Box 16030, St. Louis Park MN 55416-0030.

Tom Cornell visited Philadelphia three months ago and "saw an interesting transmitting antenna. Belongs to WMMR 93.3 and is built into pointed spire on top of tallest building downtown, One Penn Center, I believe. From distance, it looks like decoration. When a few blocks away, you can recognize what it is if you are familiar with transmitting antennas. It's a panel array."

Dave Alpert at ABC sent a wire story about a station disserving the mono listener. KTUI-FM 100.9 Sullivan MO had the problem of how to broadcast two local high school games at the same time. It decided to run one game on the left channel and the other on the right. By adjusting the stereo balance control, the listener could hear the proper game. Disc jockey Sam Scott said the station publicized the special event heavily "so that listeners wouldn't be caught off guard when they tuned in and heard two games at once." Like I said before regarding a similar broadcast on another station: poor monophonic listeners!

ABC is to be the major supplier of programming for FlightLink-On-The-Air. The live airborne audio system will digitally transmit nine to 12 channels of stereo programming to aircraft passengers, offered in conjunction with a system which will offer in-flight phoning.

Steven R. Bartholomew: "Your feature illustrating the history of the FM radio dial in Minneapolis-St. Paul was enjoyable. . . Thank you for your words of encouragement regarding my legal/engineering work. Please mention my services in one or more future FMedia issues. If you wish, you may reduce, reproduce and/or print my business card." I've misplaced the card but you can contact Bartholomew at 1583 Miss Elle Way, Alpine CA 91901-3983; (619) 445-4777. He's the one who discovered that XHTIM Tijuana has "finally" moved from 91.5 to 91.7. "We'd be interested in seeing the same information on translators that you list for primary stations [in the FM Atlas]. Specifically, we'd like to know the power output, polarization and height above average terrain for translators." [The FCC is just getting around to mentioning polarization information on some of the new translators, but does not give HAAT data yet—b.e.]

"Just writing to say I have a big stack of FMedia's in front of me and love them all," says Michael DiSandro, who hears Howard "Potty Mouth" Stern on WLUP AM 1000 Chicago. "When he came on here the first day you almost thought they would have yanked him off the air the next day. He insulted many listeners and made vicious insults against Steve Dahl and Gary Meier, who are on sister station WLUP-FM 97.9. But since then

his ratings have moved up about 1/2 a point. . . I think he's funny. . . As for Steve Dahl, he can be considered the 'Howard Stern of Chicago'—both are in trouble with the FCC dating back five to seven years. . . I would assume the Infinity-owned stations, WJMK 104.3-WJJD AM or country WUSN 99.5, have been taping his show at times and sending the tapes to NYC for Howard's approval and to see that he's not being stepped on." Chicago has almost "overkill" in rock stations, "but they all get the job done quite well. Even a city like New York could use more rockers."

Your AM-FM-TV station log on disk, IBM or compatible. That's the claim of Daija Enterprises, Box 24, Cambridge WI 53523-0024; (800) 824-4359. "The computer disk version contains the latest from the FCC/CRTC and many updates from our network of radio listeners, plus the latest from the networks themselves. Data current the day we ship the disk! Allow 2-3 weeks for delivery." Computer disc \$19.95; book versions \$16.95 each. Specify AM/FM/or TV.

Thanks to Doc Searls for perfecting the Macintosh program to produce the masthead, seen on p. 1 since January for most subscribers.

Chuck Gysi interviewed me about plans to allot 97.5A to Mount Pleasant IA, and wrote a story appearing in the Burlington Hawk Eye newspaper. It mentions KILJ-FM 105.5 upping its power and "turning its back on Mount Pleasant" and broadcasting to a wider area, including Burlington. "Elving said that if the FCC approves the allocation, he would apply for a construction permit to build a 6000-watt radio station that would primarily serve Mount Pleasant." The FCC has returned my petition wanting more technical information, which I plan to submit, along with a petition to add 92.1A to Hermantown MN, where I operate a translator. I will be trading out a G-E Superadio to Don Mussell for a printout of the FM channels his computer told him are available. For Hermantown to grow into a Class C3, two stations would have to change channels—WCMP-FM 92.1 Pine City and WELY-FM Ely. Pine City could go to 100.9A, with no site restriction, since the former WCTS (it's WBOB-FM now) 100.3 is moving its site about 18 km SE, and WELY-FM could move to any of six possible channels, including 101.3C.

Facts from Muzak. Now only a quarter of Muzak's direct satellite customers subscribe to its "environmental" channel (the original SCSounds on FM). More than 50 percent subscribe to one of its two "foreground" channels. The "FM One" foreground channel is designed for 20-to-50-year-olds, while "Hitline" is for 12-to-30-year-olds. Blue jeans stores might subscribe to Hitline; electronics stores FM One; furriers and jewelry stores, light

classical. Next time you're in a store think of which demographic group the store's background (or foreground) music thinks you are in as you listen.

An SCS customer, Fr. Lawrence S. Brey of St. Cloud MN, says "The main reason I am interested in the SCS modified radio is the fact that on the normal FM band in this area I can find no station whatsoever that has soft or light instrumental music. As far as I am concerned, the FM band is one vast wasteland of rock, country western, etc., and that's it except for public radio (but who wants to listen to classical music all day long?). I was planning to write to Franklin Hobbs about this situation. He used to announce on KEEY-FM, which together with WAYL-FM featured light instrumental music. Now they are gone, and there is WLTE 102.9, but it has mostly vocals rather than instrumental music. . . 1992 marked the 75th anniversary of Madison station 9XM (now WHA), 'the oldest station in the nation', and which was the hub of the Wisconsin State Broadcasting system network, which later was mostly FM, the pioneer of 'public radio'. When I was a boy, radio was a hobby, and once I built a simple super-regenerative FM receiver, and remember picking up early FM stations in Milwaukee, notably W9XAO and/or W55M; their theme was a Fritz Kreisler melody on violin ensemble, and their station 'ID' was the sound of a bell, followed by the words, 'clear as a bell'. That was before the FM spectrum turned into the vast wasteland mentioned above."

"Regarding the G-E Superadio (April, p. 6), it's hard to understand why, in 1993, the new model III still lacks digital readout," says Nick Lombardi. "I've noticed that some GM/Delco car radios—usually the ones with electronic, stepped volume control, power antenna and equalizer—have outstanding sensitivity, and very good selectivity and freedom from front-end overload, characteristics which make them ideal for sniffing out weak, distant signals. Is there anything of similar quality in a portable unit? Most of the walkman-type stuff I've tried is pathetic with regard to front-end overload. Perhaps your readers can share their experiences with different models, or suggest a specific unit for you to test." [I have improved the FM selectivity of both my Delco car radio with graphic equalizer and the older G-E Superadio II with a Toko 110 kHz filter or Murata 150 kHz filter in place of the factory-installed filter(s).]

"I was delighted that Mr. Turro was successful in repeating WJUX on his translator," writes Louis J. Sicilia. "However, I think Turro should have taken his application to originate programming to the courts. Of course, that would probably cost him more than the \$100,000 to purchase WRRH [Franklin Lakes NJ]."

Until June,

Bruce Elving

The FM radio newsletter

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 to press; FMedia! averages 11 issues per year.

1993

Volume 7, Number 6—June, 1993

WTRU-FM LOSES LICENSE IN JUPITER FL; FCC GRANTS EXPERIMENTAL CP TO MIAMI ANTI-CRIME AGENCY, P. 1
 WLTO 103.9 HARBOR SPRINGS MI TO BE EDUCATIONAL, 8-9 EMPLOYEES TO BE AXED, P. 2. THE OPPOSITE'S HAPPENING
 IN INDIANA. WAJC *104.5 TO BE SOLD, WOULD GO COMMERCIAL. P. 5.
 STERN'S WYSP WRESTS MORNING AUDIENCE FROM LONG-DOMINANT KYW (AM) IN PHILLY. SEE P. 4.
 TOO MANY NEW FM STATIONS LEADS TO TALK OF PROTECTIONISM AND AN FM STATION FREEZE. SEE PP. 4-5.
 ZONING BOARD ALLOWS MALONE TO CONTROL HIS ME, NH FM STATIONS FROM HOME, P. 6.

New FM Station, Translator Grants Translators have less than 100 watts unless indicated otherwise

AZ Bisbee K205CG *88.9 (KUAT-FM 90.5
 Tucson translator)
 AZ Bullhead City K240CL 95.9 (KDKB 93.3
 Mesa), h,v [Bcstg. Co.
 AR Osceola 107.3 3000 h,v; 68 m, Pollack/
 CA Fort Bragg K209BF *89.7 (KLVR 91.9
 Santa Rosa), v
 CA Modesto 93.9 FCC reversed initial decision
 and granted the application of BCD Limited
 Partnership, 3000 h,v; 46 m
 CA Santa Ynez 105.9 6000 h,v; -141 m, Karin H.
 Wood [of Livermore station
 CA Tracy KKIQ-2 101.7 1200 h,v booster/
 A Victorville K201CD *88.1 (KVCR 91.9 San
 Bernardino), h,v; granted despite the presence
 of KHMS, "Hymns," *88.5 there
 FL Jupiter 99.5 3000 h,v; 100 m, Jupiter Bcstg.
 Corp., to replace WTRU-FM, which the FCC
 is deleting. This application was filed mutual-
 ly exclusive with that of WTRU-FM.
 FL Miami 102.3 experimental, Communications
 Div., State of FL, mono t.e; power, ht. not
 given, but "low power," assumed 10 watts
 vertical. To "disseminate important public
 safety information in response to recent
 crime directed at foreign tourists unfamiliar"
 with the crime scene in Miami. It will supply
 security tips and directions from the airport
 to tourist areas in several languages.
 GA Tennille 95.5 3000 h,v; 100 m, Washington
 County Bcstg. [Lahaina], h
 HI Wailuku K297AC 107.3 (KPOA 93.5/
 IA New Sharon 99.9 25000 h,v; 90 m, Crown
 Bcstg. [m, the Violets
 KS Andover (Wichita) 93.9 25000 h,v; 100/
 LA Jennings W213AL *90.5 WAFR 88.3 Tupelo
 MS, 250 h,v [the Bay Media Group
 MI Bay City *89.1 2000 h,v; 100 m, Beyond/
 MI Hartford *103.7 3000 h,v; 100 m, Rural
 Initiatives for Shelter and Education
 MI Pickford (south of Sault Ste. Marie) 105.5
 600 h,v; 100 m, Seaway Bcstg., Inc.
 MN La Crescent K268--101.5 (WKBH-FM 105.5
 Trempealeau WI); had been on 106.3
 Nisswa KZPX 93.3 100000 h,v; 211 m,
 reinstatement of permit to the Bellfonte Co.
 (to be sold to Mogol Media Bcstg. of Nisswa)
 MS Starkville *91.1 14100 h,v; 137 m, MS State
 U. [Cloud Nine Bcstg., Inc.
 MT Kalispell KDBR 106.3 3900 h,v; 123 m, /

NE Hastings K219BW *91.7 (WAFR *88.3
 Tupelo MS), 250 h,v
 NC Harkers Island 100.3 100000 h,v; 129 m,
 Hope Communications, Inc.
 NC Ocracoke 92.9 1000 h,v; 22 m, O. Bcstrs.,
 probably enough power to serve that island
 NC Oxford *91.1 5000 h,v; 118 m, Granville-
 Vance Community Radio
 OH Belpre W223AD 92.5 (WRRR-FM 93.9 St.
 Marys WV), v [Albany], 250 w
 OR Eugene K245AA 96.9 (KHPE 107.9/
 SC Florence W237AS 95.3 (WSQN 102.9 Scrant-
 on SC), h,v
 TN Clarksville W258AD *99.5 (WAYM 88.7
 Columbia), h, see also "Facilities," below
 TX Odessa 107.7 49000 h,v; 153 m, Ruben
 Velasquez
 TX Tahoka KZUB 95.3 3000 h,v; 100 m,
 reinstatement of permit of Parity Radio
 Corp.
 UT Rural Garfield County K282AC 104.3
 (KSSD 92.5 Cedar City), v
 PR Mayaguez W206AF *89.1 (WEUC 88.9
 Ponce), 250 h
 ON Bramalea CKHC *91.7 5 watts v, r, Humber
 College, "and run by radio and journalism
 students/staff." NonID (not strict): "91.7."
 ON Orillia CBCO's moving from 105.9 to 91.5
 may make CBQM *107.5 Penetanguishene
 unnecessary, and CBCM may go off the air
 around Sept. 1. I'm betting the CBC will be
 cautious and see just how well CBCO on 91.5
 covers the area before deciding to remove
 CBCM from the airwaves.

Call Letters Assigned or Changed

AL Eutaw 104.3 WQLW (from WIDO)
 AL Stevenson 101.7 WKZA (WVSV)
 AL Valley 98.1 WRLD-FM (WUAF); AM is in
 West Point GA
 AZ Coolidge 103.9 KAZR (KQEZ)
 AZ Flagstaff *89.9 KJTA (KOYG)
 AZ Kearny 105.1 KZLZ (KCDX)
 AZ San Carlos 103.7 KCDX (KOYF)
 AR Benton 106.7 KMVK (KGKO-FM)
 AR El Dorado 103.3 KIXB (KAYZ)
 AR Hamburg 99.5 KHMB
 AR Huntsville 92.9 KREB (KFAY-FM), "Rebel"
 CA Imperial 99.3 KMXX (KBCD), "Mix"
 CA Patterson 97.1 KZMS (KAAW)
 CA Seaside 103.5 KLMY
 CA Visalia 92.9 KFSO "FM" (KFSO-FM; AM in
 Fresno gets new calls)

CO Pueblo 100.7 KNKN (KGFT)
 107.1 KGRQ (KNKN)
 DC Washington 100.3 WBIG-FM (WJZE); AM is
 in Aurcra IL [t, mono, "Talks 104.1"]
 FL Cocoa Beach 104.1 WTKS (WHVE), /
 FL Inglis 104.3 WABU
 FL Jacksonville *88.1 WNCM-FM (WNCM; AM
 is in Atlantic Beach)
 FL Milton *90.5 WTGF
 FL Naples 93.5 WNOG-FM (WNGI), nt, mono
 FL Panama City *89.1 WFSV
 GA Gray 96.5 WWIQ
 GA Omega 107.5 WTIF-FM (WQBX), kt (coun-
 try and talk); AM is in Tifton
 GA Smithville 106.9 WZIQ (VXAA)
 GA Warner Robins 102.5 WYIQ (WHRH)
 IN Howe *91.9 WQKO
 IN New Washington *88.3 WJYL (WJTE)
 IA Burlington 103.1 KDMG
 IA Eagle Grove *100.7 KJYL
 KY Calvert City 95.7 WCCK
 KY Hyden 92.3 WZQQ (back to, from WRNG)
 KY Louisville 99.7 WDJX "FM" (WDJX-FM;
 AM gets new calls)
 KY Paintsville 94.7 WKLW-FM
 LA Baker 107.3 WBBU
 LA Richwood 100.9 KHLL
 MD Ocean City 99.9 WVFV (WKHI)
 MI Bronson *94.7 WCVW [rock
 MI St. Johns 92.1 WWDX (WXXM), p, modern/
 MN Blue Earth 98.1 KBEW-FM (KQEI)
 MN Minneapolis 93.7 KRXX-FM (KRXX)
 MN Staples 94.7 KSKK
 MS Columbus 94.9 WKOR-FM (WKIR); AM is in
 Starkville
 MS Forest *89.1 WMBU
 MS Gulfport 96.7 WXRQ (WQFX-FM)
 MS Jackson 95.5 WKTQ (WKQB), k, "Catfish
 95.5"
 MO Boonville 93.9 KACJ
 MO Chillicothe *88.9 KRNV
 MO Malta Bend 97.5 KRLI
 MT Great Falls *91.9 KABS
 NV Reno *89.5 KRNC
 NH Hanover 92.3 WJXL (WTSL-FM), r, hot AC
 NJ Ocean City *91.3 WRTQ (WJTF)
 NM Socorro 92.9 KLSC
 NY Fulton 104.7 WBBS (WKFM), "B-104.7"
 NY Jamestown *88.1 WUBJ (WLJW)
 NY Rochester 96.5 WCMF-FM (WCMF)
 NY Rome 96.1 WFRG-FM (WFRG)
 NC Laurinburg 96.5 WAZZ (WMXF)

Format Changes

Formats are the same as in the "FM Atlas"

- ND Jamestown 95.5 KYNU (KQDJ-FM), "Colt 95 FM" (strict), still k.
- OH Circleville 107.1 WAHC (WTLT)
- OH Lebanon 97.3 WMMA (WAAR)
- OKlahoma 95.7 KACL
- OR Cottage Grove 100.5 KCGR
- OR Lake Oswego 106.7 KKBK (KMXI)
- OR Lincoln City 95.1 KSND (KNJM)
- OR Tri-City 104.3 KKMx (KTRQ)
- PA Covington 101.5 WDKC (WHMU), "Duck"
- PA Ebensburg 99.1 WQKK (WIYQ)
- PA Philadelphia 101.1 WBEF-FM (WBMB), "B-101" ["modern rock"]
- RI Providence *88.1 WELH (WUFG), p./
- RI Wakefield-Peace Dale 99.7 WUAE
- SC Bowman 94.5 WACJ
- SC Sumter 94.7 WICI
- SD Brookings *90.7 KSDJ
- SD Custer 105.1 KACP
- TN Knoxville 97.5 WEZK-FM (WEZK) 104.5 WQBB-FM (WEMQ), "Q-104," AM is in Powell TN
- TN Tazewell 94.1 WCTU (WFSM)
- TX Abilene 107.9 KEYJ'-FM" (KEYJ-FM; AM gets new calls)
- TX Beaumont 107.9 KXTJ (KWIC), S, I: Tejano
- TX Eagle Pass *89.5 KEPX
- TX Lometa 101.9 KACQ
- VT Canaan 94.1 WXXM (WKNW-FM)
- VA Concord 104.9 W285AQ (W285AR)
- WV Ravenswood 93.1 WIFYZ
- WI Appleton *91.9 WAAU
- WI Whitewater 106.5 WRLM
- PR Quebradillas 98.3 WQQZ (WREI)

Facilities Changes Granted

- AL Bay Minette WFMI 106.5 7300 h.v; 185 m
- AL Meridianville (new) 94.1 3000 h.v; 100 m, grant to G. Dgesu, Sr.
- AL Oxford (new) *91.3 170 v; 481 m, vertical only [m, C2]
- AZ Casa Grande KKER 105.5 50000 h.v; 150/
- AR El Dorado KAYZ 103.3 (from 103.1) 100000 h.v; 174 m, C1
- AR Murfreesboro KMTB 99.5 (from 99.3) 20500 h.v; 109 m, C3
- AR Waldron K201CB *88.1 has KSBC 90.1 Hot Springs on it [m, C2]
- AR Wrightsville KYTN 107.7 50000 h.v; 95/
- CA Alturas K298-- *107.5 (from K201BH 88.1)
- CA Beaumont (new) 100.9 890 h.v; 180 m
- CA Chico (new) 92.7 1500 h.v; 196 m
- CA Garberville KMUD *91.1 180 h.v; 759 m
- CA Idyllwild KATY 101.3 1150 h.v; 225 m
- CA Indio KLCX 102.3 600 h.v; 179 m
- CA Middletown KRSH 98.7 340 h.v; 420 m
- CA Quincy KSPY 100.3 70 wats h.v; 851 m
- CA Santa Cruz KUSP *88.9 1250 h.v; 761 m
- CT Sharon WQQQ 103.3 1500 h.v; 195 m
- DE Smyrna WYHH 92.9 1700 h.v; 115 m
- FL Century WKGt-FM 105.1 25000 h.v (100 m), C3
- FL Greta WGWD 93.3 6000 h.v (100 m), is advertising a Shively 2-bay antenna tuned to its former 100.7 frequency, \$2500, M. Bitner, PO Box 919, ZIP 32353.
- FL St. Augustine WSOS 94.1 (from 105.5) 19000 h.v; 115 m, C3
- FL Tampa WUSF *89.7 72000 h.v; 287 m
- FL West Palm Beach WRLX 92.1 7200 h.v; 152 m, C3
- GA Cleveland WGMZ 101.9 138 m (3200 h.v)
- GA Lyons WLYU 100.9 (from 100.7)
- GA Wrightsville WDBN 107.5 (moved from 106.3), "Mix 107.5" (strict), m
- HI Lanai City KONI 104.7 d-a
- IL Rockford WFEN *88.3 1600 h.v; 177 m
- IL Rushville WKXQ 96.7 6000 h.v (100 m)
- IN Cannelton WKCM-FM 102.9 12500 h.v; 142 meters above average terrain

- IN French Lick WFLQ 100.1 6000 h.v (91 m)
- IN Richmond WECI *91.5 400 h.v (61 m)
- KS Leoti KWKR 99.9 60000 h.v; 121 m
- KY Georgetown-Lexington WTKT 103.3 (not moving back to 103.1), "Oldies 103.3"
- KY Stamping Ground WKYI 99.1 1500 h.v; 61 m
- MD Westernport WWPV 101.1 (from 92.7) 320 h.v; 417 m, transmitter Mineral County WV
- MA Worcester WSRs 96.1 16500 h.v (263 m)
- MI Brooklyn (new) 105.3 2200 h.v; 115 m, assigned to Cascades Bcstg., Inc.
- MI Harbor Springs WLTO *103.9 to noncommercial, being sold to public radio (WCMU Mount Pleasant). Eight or nine employees were notified two weeks ago, but not yet let go. Program director says he'll stay on until station sold. Del Rex, owner of WGFM 105.1 Cheboygan, is parttime engineer. [m]
- MN Breezy Point KLSK 104.3 50000h.v (150/
- MO Asbury KWXD 103.5 3800 h.v; 126 m
- MO Maryville KNIM-FM 97.1 (from 99.3) 25000 h.v; 100 m, C3
- NH Lancaster WLGW-FM 102.3 6000 h.v (-45 m)
- NH Walpole WLPL 96.3 1350 h.v; 147 m, transmitter Bemis Hill, Rockingham VT
- OH South Zanesville (move from Zanesville) WCVZ *92.7 124 m (3000 h.v)
- OR Eugene KWVA *88.1 500 h.v; -17 m, adds h, granted CP to replace expired permit to build
- PA Loyalsock W224AI 92.7 has WHTO 103.9 Muncy (from WDKK 99.9 Avis, "which remains off air")
- PA Mifflintown WQJU *107.1 g, now noncommercial, relaying WTLR *89.9 State College
- PA North East WRKT 100.9 4200 h.v; 243 m
- SC Lancaster WRHM 107.1 3300 h.v (133 m)
- SC Myrtle Beach W232AD 94.3 has WCCA 106.3 Shallotte NC, not WPGO Shallotte
- TN Clarksville W244AL 96.7 back to relaying WZEZ 92.9 Nashville (from WAYM 88.7 Columbia)
- TN Rockwood WOFB-FM 105.7 930 h.v; 255 m
- TX Big Spring KBST-FM 95.9 (from 95.3) 7000 h.v; 134 m, C3
- TX Gatesville KHYL 98.3 91 m (3000 h.v)
- VT Morrisville WLBV 93.9 5400 h.v (37 m)
- VT Randolph WCVR 102.1 10800 h.v; 133 m
- VT Rupert WMNV 104.1 2600 h.v; 74 m
- VA Luray WYFT *103.9 6000 h.v (91 m)
- WV Barrackville WMMN-FM 93.1 2600 h.v; 151 meters above average terrain
- WV Clarksburg WZWA *90.1 2 m (1500 h.v)
- WY Green River K232BN *94.3 still has KCSP 90.3 Casper (from KBER 101.1 Ogden UT)

Stereo—Or to be Stereo

- FL Sarasota WAYG *89.1
- KY Williamsburg WEZJ-FM 104.3, "EZ Country"
- MN Willmar KDJS-FM 95.3, k, "K 95.3 FM"
- NY Jeffersonville WPDA 106.1
- NY Olean WOLN *91.3, ID with WBFO *88.7 Buffalo
- NY Palmyra WZXV 99.7, g
- ND Jamestown KPRJ *91.5, cj, tT (67 kHz), expected on this month
- ND Minot KHRT-FM 106.9
- TX Bloomington KLUB 106.9, to 6000 h.v (91 m); ID with Victoria, "Tejano 106.9"
- WV Clarksburg WKJL *88.1
- ON Belleville CJLX 92.3, rp Monophonic
- FL De Funiak Springs WLGH 103.1, j, drops stereo
- GA Eastman WUFF-FM 97.5, "Woof FM" (back to, but drops stereo, having moved from 92.1)
- KY Keavy WVCT *91.5, "Eagle 91.5 FM"
- NJ Franklin Lakes WJUX *88.7 and its 103.1 translator. Drops stereo "and has upped its compression dramatically. Trying to get every gram of wattage potential out, I suppose."

- AL Demopolis WZMJ 106.3 o
- AK Kodiak KJJZ 101.1 o
- AZ Green Valley KTZN 92.1 p, "adult progressive," part of a duopoly with KLPX 96.1-KTKT AM Tucson
- AZ Oracle KLOB 103.1 still k, returns to air
- AR Cabot KLPO 102.5 op, classic rock
- AR Searcy KWCK 99.9 k, "Quick 99.9"
- CA Indio KCMJ-FM 92.7 r, "KC 92.7"
- CA San Francisco KRQR 97.3 op, classic rock
- CO Pueblo KYZX 104.5 r, part of a duopoly with KGRQ 107.1-KCSJ AM
- FL Fort Myers Beach WJBX 99.3 still op, adds Ron & Ron mornings
- FL Springfield WYOO 101.3 nt, mono
- GA Atlanta WRFG *89.3 still se, with programming directed toward Atlanta's Latin, Asian and gay/lesbian communities. From 10 a.m. to 6 p.m. it's moved to target a younger Afro-American audience with its "World Party" show.
- GA Dublin WYKZ 92.7 sr, "soul/dance"
- GA Gordon WYEX-FM 107.1 b
- GA Jesup WIFO 105.5 rm [nights]
- GA Milledgeville WLRR 100.7 rs, with urban/
- GA Perry WPGA-FM 100.9 r
- GA Royston WPUP 103.7 sr
- GA Tifton WSGY 100.3
- KS Kingman KTCM 100.3 g, parallel to KZZD *91.1 Wichita [a.m. only]
- KY Hartford WLLS-FM 106.3 kr, with k 6-9/
- KY Hawesville WLME 105.7 k, parallel to WKCM-FM 102.9 Cannelton IN
- KY Marion WMJL-FM 102.7 k
- KY West Liberty WLKS-FM 102.7 k
- LA Lake Providence KLPL-FM 92.7 ks, plus black gospel, back on air after being "silent for repairs"
- MD Oakland WXIE 92.1 op
- MD Prince Frederick WMJS 92.7 o
- MA Boston WZOU 94.5 sr, "Jam'n 94.5" (from "Mix 94.5"), "dance-oriented music to appeal to the often-ignored Generation X." But WXKS-FM 107.9 wasn't impressed, questioning if the format is really new, "or just a response to the station's eighth-place rating."
- WBCS 96.9 k, "Country 96.9." While WCLB 105.7 Framingham-Boston is playing the modern "hot country," which "is probably closer to being southern rock, WBCS is concentrating on the older, more traditional country music."
- MI Detroit WOWF 99.5 k, \$(tereo)
- MN Bemidji KAAP *91.3 nt, mono, to be on air in about 17 months, following a "capital campaign" in the area
- MN Fosston KKCC-FM 107.1 gr, effective 9-93
- DID "BOB" FOOL YOU?**
Upset at being lead on by a neat marketing scheme. Help the Twin Cities express its frustration with BOB radio by wearing a "BOB SUCKS" or "BOB is a NOB" T-shirt (backside: "Nice Alternative NOT!") \$14. incl. P/H. Send check or MO. to: Alternative Productions. PO box 581811 Mpls., MN 55458-1811. 7-10 days for delivery. Letters & Comments also needed.
- MN Minneapolis WBOB-FM 100.3 k, "Bob FM"
- MN Thief River Falls KKDQ 99.3 k
- MS Iuka WFXO 104.9 k
- MS Lucedale WRBE-FM 106.9 kg, parallel to AM
- MS Tupelo WZLQ 98.5 rm
- NJ Avalon WVOC 94.3 m, parallel to WRDR

104.9 Egg Harbor City, in an LMA, dropping



country, making this logo obsolete. FCC fines former owners of this station \$20,000 for failing to comply with EEO rules. WWOC didn't dispute the FCC's finding of poor EEO performance in recruiting and reporting on its efforts to find minority employees, but said it couldn't afford that high a fine. After reviewing the case the FCC decided to hold to the full rate for the fine.

NJ Wayne WPSC-FM *88.7 pr, uses calls, no longer "Laser His 89 PSC," and IDing only



Office 201-998-2484
Studio 201-998-2738

Drew Jacobs
General Manager

300 Pompton Road
Wayne, New Jersey 07470

with Wayne, no longer with Pompton Lakes-Paterson.

NM Las Vegas KLVF 100.7 fm
NY Lake Luzerne WBAR-FM 94.7 gr, parallel to WMYX 97.3 Schoharie [89.3 Monroe
NY Port Jervis WRPJ*88.9 g, parallel to WLJP/
NY Sidney WCDO-FM 100.9 op, "mostly." It is still monophonic, but stereo equipment is on hand, and sometimes it sends out a pseudo stereo signal. "The engineer won't put it in, until he's been paid."

NY Southampton WPBX *91.3 cj, to add 24 hours with BBC news and music—"a marvelous supplier of music and BBC on-the-hour newcasts that typically are received in North America only via shortwave." It also plans to add the BBC "Newsdesk" at 7 a.m. Its fund-drive in April featured fewer interruptions, a "Quiet Drive," consisting of 30- and 60-second spots designed to enlist new members.

NC Belhaven WKJA 101.1 k, had been silent while moving from 92.1

NC Burlington WZZU 93.9 op, back to NC Elizabeth City WKOC 93.7 p, "adult progressive" days, "modern rock" nights

NC Laurinburg WMXF-FM 96.5 o
NC Semora WQVA 106.7 r, expected on air in August

OH Cleveland WENZ 107.9 p

OH Troy WTRJ 96.9 fm

OK Stillwater KKND 105.5 k, "Y-105" (strict, but call letters given on the hour are unchanged)

OK Wagoner KBIX-FM 102.1 s, \$, "The Beat." FCC had listed this station as deleting, but it remains on the air.

PA Huntingdon WLAK 103.5 op

SC Bamberg WVBD 92.1 r, "gold-based AC"
Clemson WCCP-FM 104.9 o

SC Dill on WZNS 92.9 r, simulcast with WRCQ 103.5 Dunn NC drivetimes

SC Greenville WFBC-FM 93.7 ot, carrying Rush Limbaugh, delayed 4-7 p.m. from its AM; first FM known to carry Rush

TN Jellico WEXX 102.7 k, "Kicks 102.7"

TN McKinnon WTWL 101.5 fm

TN Selmer WXOQ 105.5 k, parallel to WORM-FM 101.7 Savannah

TX Abilene KORQ-FM 100.7 r, CHR

TX Alice KBIC 102.9 (moving from 102.3) Spanish, g, "Radio Vidi" ("life radio")

TX Austin KKMJ 95.5 o, "Majic" and "Majic Oldies"

TX Kermit KERB-FM 106.3 Spanish, latin

TX Plainview KATX 97.3 fm

TX Robstown KMIQ 105.1 Spanish, l, "Magic Tejano 105" (from "Magic 105")

TX San Diego KUKA 105.9 S, l, Tejano

UT Ogden KKBE 95.5 kg, "Christian country and western"

VT Killington WEBK 105.3 op, "K-105"

VA Lynchburg WMMC *89.9 gr

WV Mannington WTUS 102.7 k

WV Spencer WVRC-FM 104.7 k

WI Tomah WZFR 94.5 rj, AC mostly, but jazz on weekends

On Air and DX Ready (Selected)

GA Irwinton WVXK 103.7

MN Crosby KTCF 101.5, having moved from 101.7, "Hot Country K 101"

NJ Fort Lee W276AQ *103.1, despite its "strong signal in Manhattan, the Bronx and Queens," has "not been added to the radio station lists in the NY newspapers"

ND Wahpeton KGWB 107.1, not yet having moved to 106.9 [to 101.5

TX Giddings KOKE 101.7, not yet moving/

WI Milladore WGNV *88.5 plans to be on air with 50000 h, v by end of this month. Earlier this year they ran a marathon to pay for the work.

Off Air—Or Not Yet On

AL Selma *88.3, no CP yet, no call letters. It would be a 50000 h, v station to relay WUAL *91.5 Tuscaloosa and expected on by mid-1994.

GA Brunswick WBYB 100.7 now silent

GA Dublin WQZY 95.9, raising power
MN—somewhere between Willmar and Brookings

SD—a new company plans an FM on 106.3 and has served notice to KCGN 101.5 Ortonville that its translators on 106.3 in Willmar and Brookings SD will have to change frequencies or go to more power to overcome interference.

"The manager of this new station visited KCGN to give early notice that his new project... would most likely cause fringe interference for these two translators. This is the only frequency available from the FCC for his project, which leaves him no choice in the matter. He said he regrets the inconvenience this would cause the community translators, and wanted to give enough time for the communities to make application for their changes." Probably also to be affected are the Renville and Marshall

translators of KCGN, both on 106.1.

MN Pelican Rapids KOYH 104.1

ND Arthur KCQV 96.7

ND Kindred KSSZ 92.7 (not on 92.5 from Oakes, and there is no evidence its original frequency in Oakes [92.3] is operating)

TX Cuero KQRO-FM 97.7

TX Freer KBRA 95.9

TX Victoria KTXN 98.7

WI Adams WDKM 106.1. Tower is to be in the city industrial park, but "there is not a tower in Adams yet. If they plan a late spring start for this station, I would think they would be working on that."

Deletions

AR Conway K257BA 99.3

CA Martinez KKIS-FM3 92.1

CA North Hollywood KLAX-1 97.9

CA Pittsburg KKIS-FM2 92.1

CA San Ramon KKIS-FM1 92.1

HI Kaanapali KLHI-1 101.1

ME Houlton W237AH 95.3

MT Shel by KYYC 97.9—FCC cancels CP, deletes call letters

NM Gallup KKOR-1 94.5

NM Taos KRBJ 99.9, CP cancelled, calls deleted

PA Ridgway WKBI-FM1 94.3

UT Tooele K255AB 98.9

VT Rutland WRUT 107.5 FCC denies Brian

Dodge (see below, p. 6) replacement of expired permit to build the station, deletes call letters [15th edition?]

"By the way, when can I expect the/

SC Services, 57, 67, 92 kHz
Symbols are as in the "FM Atlas"

CT Westport WEBE 107.9 tZ, 67 (had tW), no 92

NJ Atlantic City

WMGM 103.7 tD,

57; tR, 92; no 67

(had tE, 67)

ND Bismarck KYYY

92.9 no SCS (had

tX)

KBYZ 96.5 tD, 57

ND Dickinson KDPR

*89.9 tT, 67

"The SCS-modified radio I received from

you worked, with a better tone, than the 'loan' set supplied by the local branch of the Library for the Blind" in Seattle WA.

"I am sending you back this Superadio II. It is lacking sensitivity and selectivity on FM. Also, the 92 kHz SCA is poor, especially along with a 67."

"Just bought a SCA-converted G-E Superadio II from you. The SCA is a little weak and noisy, but it's still pretty cool!"

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 top of hour)

AL Birmingham WZRR 99.5 Classic Rock 99 (from "Rock 99")

AL Dothan WJJN 101.3 101.3 and 107.5 Jams (station with 107.5 Jams not known)

CA Los Angeles KXEZ 100.3 Easy 100.3

FL Fort Walton Beach WKSM 99.5 99 Rock

FL Miami WEDR 99.1 99 Jamz (from "Star Force 99") ["Super Q 100.7"]

FL Pensacola WJLQ 100.7 Magic 100.7 (from/

FL Zolfo Springs WZZS 106.9 ZZ-107

KY Burns de WJDJ 93.9 Oldies 94 (from "DJ-94")



KY London WWEL 103.9 The Wolf
 LA New Iberia KXKC 99.1 Hot Country 99.1
 MA North Adams WMNB 100.1 EZ FM 100.1
 MI Marshall WELL 104.9 104.9
 MN Fergus Falls KZCR 103.3 Z-103.3 (from "The Z") [(from "Mix 96.7")]
 MS Gulfport WQFX-FM 96.7 Rock 96.7/
 MS Ocean Springs WWXX 92.5 Double X
 MS Pascagoula WGUD 105.9 Kicks
 MO Florissant KXOK-FM 97.1 Mix 97.1
 NH Winchester WXOD 98.7 Oldies 98.7
 NJ Ocean Acres WQNJ 98.5 "WJLK-FM," with the WQNJ calls given only about 8 to the hour: "WJLK-FM Asbury Park, WQNJ Ocean Acres." WQNJ otherwise behaves like a high-power translator.
 NY Norwich WKXZ 93.9 94 Kicks
 ND Bismarck KQDY 94.5 KQ 94 FM (from "KQ



94") ["Double Z 103"]
 ND Devils Lake KZZY 103.5 uses calls, not/
 ND Fargo WDAY-FM 93.7 Mix 93.7 FM (from "Y-94"), playing the "best of the '70s, '80s and '90s"
 ND Jamestown KSJZ Z-93 FM, although call letters on the station door downtown still say "KSJM"
 ND Valley City KOVC-FM 101.1 Gold 101
 OH Dayton WMMX 107.7 Mix 107.7
 OH Kettering WLQT 99.9 Lite 100
 OH Wilmington WSWO 102.3 Choice 102.3
 PA Waynesboro WAYZ-FM 101.5 Country 101
 TN Knoxville WEZK 97.5 EZ 97.5 (from "97-FM") [try Q 105
 TN La Follette WQLA-FM 104.9 Power Coun-/
 TN Madisonville WYGO 99.5 Go 99 (from "Go FM")
 TX Alice KQNN 92.1 Q 92, Real Country
 TX Bryan-College Station KKYS 104.7 Mix 104.7 (from "104.7 Kiss FM"), still r, now "adult CHR"
 TX Brownsville KKPS 99.5 Que Pasa 99
 TX Corpus Christi KBSO 94.7 94.7 Beso 94 ("kiss 94")
 TX Devine KTXK 92.1 Big Tex
 TX Floresville-San Antonio KRIO-FM 94.1 K-Rio La Caliente 94 ("K-river hot 94")
 TX Harlingen KMBH *88.9 Classic 88 (along with KHID 88.1 McAllen)
 KIWW 96.1 La Caliente 96 ("hot 96")
 TX Killeen-Austin KHHT 93.3 Hot Country and Texas Hot Country, now LMA'd by KLBJ-FM 93.7-AM Austin; former LMA partner KHFI 96.7 now co-owned with KPEZ 102.3 Austin
 TX Victoria KVLK 92.3 92.3 K-Lite
 TX Waco KCKR 95.5 Kicker 95
 WI La Crosse WLXR 104.9 Magic 105 (from "Hit 105")
 WI Lomira WFDL 97.7 (not operating on 106.7, as originally announced by the FCC) Sunny 97 (strict)

Multi-City IDs in Use

FL Baldwin WXQL 105.7 with Jacksonville-Mandarin "and the Beaches"
 KY Williamstown-Dry Ridge WNKR 106.5 with Florence and Walton
 LA Rayne KCRL 106.7 with Lafayette

NY Utica WKGW 104.3 with Syracuse rather than with Rome, "104.3 Kix FM" (from "KG 104")
 ND Mandan KNDR 104.7 with Bismarck
 OH Medina-Akron WQMX 94.9 adds Canton; usually uses calls, not "Mix 94.9"
 TX Llano KCKM 104.7 with Marble Falls-Horseshoe Bay-Granite Falls (still on 104.9)
 TX Raymondville KSOX-FM 102.1 with Edinburg, "102.1 K-Sox, Radio Ranch"
 TX Rio Grande City KCTM 103.1 adds Roma-McAllen

AM Happenings Most Likely Caused by FM

AL Madison WKMW 730 silent pending sale
 AK Kodiak KVOK 560 silent for repairs; was to have returned June 11, and may simulcast KJJZ 101.1
 AZ Bisbee KBZB 1230, silent since Jan. '88, notified by FCC its license renewal is headed for a hearing
 FL Jacksonville WSVE 1280 silent
 FL Quincy WWSD 1230 silent
 GA Americus WDEC 1290 silent
 GA Jasper WYYZ 1490 silent
 GA Lithia Springs WGBV 830 FCC denies CP to reinstate expired permit, deletes call letters
 KY Cave City WSMJ 800 FCC dismisses renewal of license, deletes call letters
 ME Fort Kent WLVC 1340 and Madawaska WSJR 1230 to stay on air, despite local rumors the owner(s) is planning to shut them down. The current owners bought the stations in 1990 after they had been off the air nearly a year. Stations for sale. "It's no secret that we have not been making bags of money... but we are not closing the doors."
 MI Fenton (Flint) WCXI 1160 silent
 MI Grand Rapids WBYY 810, which had been all commercials in 1991, going AC in January '92, now a mix of local and national talk, with music confined to evenings.
 WOOD 1300 wins top spot in winter Arbitrons. For the first time in a decade an AM station has been No. 1 with those 12 and older. But "hardly a resurency of AM... The next-highest AM is down at No. 13 (WCUZ 1230)."
 NY Mechanicville WMVI 1160 goes silent "as financial problems caught up with it." Earlier, the company had filed for Chapter 11 bankruptcy protection. "The disappearance of one of the few outlets for the rich popular music of the '30s and '40s leaves us culturally diminished. Somewhere, Benny Goodman's clarinet is softly weeping."
 NY New York WJZRC 1480, owned by Infinity Broadcasting, goes temporarily to country music. It has dropped "Z-Rock," leaving WSOU *89.5 South Orange "the most listened to college station (Seton Hall University) in the nation and is 'New Jersey and New York's hardest rock'." The change to country at WJZRC "will be in effect until the middle of July, when the station will lease its air time for Korean programming."
 NC Clayton (Raleigh) WHPY 1590 silent
 PA Kane WQLE 960 silent
 PA Philadelphia KYW 1060 loses its dominance in the morning to WYSP 94.1, and the Howard Stern Show, making Stern tops in NY, L.A. and Philly. KYW had been No. 1 in the mornings

since 1979, when Ken Garland was a WIP (610 AM) d-j.
 UT Moab KCMY 1450, "currently off the air without authority," has its license renewal designated for hearing with the FCC
 WV Hinton WMTD 1380 silent, "lost tower site"
 WI Hudson AM 740 now WMIN (from WRPX). WMIN calls "have been used by several stations over the years."
 ON Toronto CFTR drops rock and becomes "680 News," succumbing to AM competition from CHOG ("The Hog"). CFTR had been top 40 "since the early '70s and was generally regarded as the first 'Q-format' in Canada," reports the "M Street Journal," which says "most of TR's staff is out with the format change."
 "I always look forward to FMedia! 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
 CA Buena Vista 104.1C3 for A, KBVC, July 6, 21
 CO Limon 103.1C2, July 19, Aug. 3
 KY Lebanon 100.9C3 for A, WLSK, July 19, Aug. 3
 MS Potts Camp 95.9A, July 19, Aug. 3
 SC Blythewood 94.3A J. A. Ranke counterproposal [with Blythewood
 SC Camden 102.7A for 94.3A, WPUB,/
 TN Clarkrange 104.7A, July 6, 21
 TX New Boston 95.1A June 24, July 9
 VA Falmouth 104.5A, Stafford County Bcstg. counterproposal
 WV Mullens 92.7C for A, WPMW, June 21, July 6

FM Rulemakings Finalized

Dates are when FCC filing windows are open
 ID Ketchum 104.7C for A, KRMR
 ID Rupert 92.5C for A, KNAQ
 MN Tracy 105.1C3 for A, KARL
 MS Brooksville 98.9A, June 29-July 29
 MS Quitman 98.9C3 for A, WYKK
 MO Kennett 104.3A, June 29-July 29
 NY Saranac Lake dismissed WNBZ, Inc. (WDGE 101.7) petition seeking reconsideration of the assignment of 106.3C3 there
 ND Walthalla 106.7C2, July 13-Aug. 12
 OK McAlester 105.1A for 104.9A, KTMC-FM
 OK Stillwater 98.1A, June 15-July 15
 OR Milton-Freewater 97.9C2 for C3, KLYK
 TX Bloomington 106.9C3 for A, KLAB
 TX Markham 92.5A, June 29-July 29
 WA Spokane 96.9C3 for A, KSPD
 WI—Denied Northwoods Broadcasting (WRHN 100.3) reconsideration of order concerning channel substitutions at Rhinelander, Neenah-Menasha and Rudolph WI

FCC FM Station Freeze Proposed (news and comment)

The NAB's at it again, this time getting to the interim FCC chairman on the subject of a freeze on new FM stations. Yes, James Quello is interested in that possibility. Unlike previous freezes, this one would be strictly for economic reasons--to protect existing stations from new competition. Although Docket 80-90 was a

severe pill for the industry, it hardly seems in the public interest to impose a freeze merely to protect broadcasters from additional competition, or are we learning from the Canadians? The CRTC long has had a policy of not allowing new stations when existing licensees make a compelling case for no new competition. The FCC should tread lightly, lest opportunities for new voices which could spell diversity in media ownership and programming might be snuffed out.

Docket 80-90, which created hundreds of new FM station possibilities, was not a mistake. Even without that docket, ingenious station owners and engineers would have found scores, if not in the low hundreds, of opportunities to create more FM stations. The trend for more FM will continue inexorably, freeze or no freeze. A freeze would only delay matters; after that the floodgates would open, as well they should.

With duopoly (FM-FM) situations becoming more common, there is a need for countervailing action to assure that other independent media voices come into being. More signals from more diverse sources are what are needed—not more duopolies—and surely not an FM freeze.

"A freeze—it's a good idea," one subscriber said. "But it should be to prevent interference, not for economic reasons. There are too many FM stations cluttering the dial. As an example, Q-101 Chicago is interfered with in NW Indiana by the new Q-101 South Whitley IN."

Religious Broadcasters Move to Block Fairness Doctrine

During the Reagan-Bush era, the Fairness Doctrine was virtually made into law, with both houses passing a bill that would have imposed "fairness" in handling controversial issues of public importance, only to have it vetoed. With a Democrat in the White House it is possible such a bill can now pass. National Religious Broadcasters is one group which has come out against such a move. "On the surface, the Fairness Doctrine may appear to be little more than a benign statement of good journalistic practice," writes Richard E. Wiley (pictured), former FCC chairman,

whether broadcast coverage of important issues has been 'fair'. As broadcasters have demonstrated in the past," he explained, "the doctrine has sometimes led to stifling the expression of unpopular viewpoints and to 'chilling' coverage of controversial issues."

The NRB passed a resolution, mentioning that religious broadcasters enjoy freedom in presenting the gospel of the Lord, and that the Fairness Doctrine can have a "chilling and stifling" effect on broadcasters everywhere. "Therefore let it be resolved that the National Religious Broadcasters goes on record as strongly opposing an attempt to reinstate or make the Fairness Doctrine the law of the land and pledges to vigorously oppose any such action."

Broadcasters, commercial, public and Christian, can lose sight of the fact that it is not broadcasters who deserve freedom, but it is the public which has the need for freedom in the receiving of a fair treatment of ideas, whether or not such presentations (or their lack) exert a "chilling" effect on unpopular views. Indeed it is this so-called freedom for broadcasters that has been advocated as a reason for keeping indecent programming on the air; yet the courts and the FCC have been following a course that might mean censorship—with the view that it is not the broadcaster who needs "freedom," but listeners who deserve the freedom to receive programming which meets community standards, however those standards are defined.

Small Print Happenings and FM Industry News

A federal judge—Royce Lamberth—rejected a claim by Infinity Broadcasting and others that the FCC's enforcement actions against Howard Stern amounts to unconstitutional censorship and prior restraint. At issue were \$606,000 in fines the Commission has assessed Infinity and other stations carrying the Stern show. Infinity and other broadcasters and civil liberties groups had complained that the FCC uses large fines to "browbeat" broadcasters into self-censorship.

The FCC, on its own, has upheld other actions of the Mass Media Bureau in imposing \$2,000 fines against three Infinity stations for previous Stern broadcasts. In upholding the fines, the Commission said the stations failed to provide any new facts, and that the \$6000 in fines must be paid.

It's not a fine, but, er, a payment of \$17,157.18 that the FCC says Peter Wayne Lechman, licensee of WBOP 106.3 Churchville VA, must fork over to Commonwealth Audio Visual, WLCC Luray VA, for reasonable and prudent costs of WLCC's frequency change to 105.7.

Germany says no to DAB in the L or S band—at least for now. The German public broadcasting group, ARD, voted to delay considering the technology from 1995 to 1997. The group said financial concerns and questions about the ability of the system to handle all programming currently on FM are the issues. A similar situation is in the U.S. where the NAB has withdrawn its blessing of out-of-band DAB in favor of an in-band system, such as provided by USA Digital.

The Commission has amended its rules to provide for optional transmission of a ghost cancelling reference signal on TV line 19, and enhanced closed-captioning and other broadcast related information on line 21, field 2 of the vertical blanking interval. Modern TV sets are less disturbed by changes in the blanking intervals than earlier sets, hence the ability to provide texts and auxiliary services hidden from the ordinary viewer, much like FM-SCS does.

Competing groups in the high definition television race have called the feuding quits for now. They'll come to the FCC next year with a system using the best of each company's technology, said Richard Wiley (pictured above). Wiley said the merger of the four groups will lead to a new digital broadcast standard that will "emulate the motion picture experience" and lead the world in television technology. Unlike the analog system in Japan and elsewhere, digital offers the prospect for more channel capacity and growth. "It's great to see people working together to develop the best HDTV in the world," said interim FCC chief James Quello. It's possible that the merger will shorten the time to get HDTV sets to the market, with the goal of having it in time for the 1996 summer Olympics in Atlanta mentioned. The groups had been under pressure to form this so-called "grand alliance," after about \$24 million had been spent privately without any clear-cut winner emerging.

In LMA/duopoly news, WBEE-FM 92.5 and AM Rochester NY has entered an LMA-to-buy WKLX 98.9. WSSX 95.1 Charleston SC is being sold to WSUY 100.5, both of which have separate duopolies. WSUY is teamed up with WDXZ 104.5 Mount Pleasant SC, which would be sold. WSSX's partner, WSSP 94.3 Goose Creek-WUJM Charleston, would also be sold. WJMO-FM 92.3 Cleveland Heights and its AM sold to principals of WZAK 93.1, several months after local minority groups filed a petition to deny. The protesters claimed that Lynn Tolliver and Bobby Rush were being used as a front for the white-owned stations' duopoly efforts (January, p. 7, col. 2).

Capstar Communications has closed on its acquisition of WMYI 102.5 Hendersonville NC, co-owned with WSSL 100.5 Gray Court SC. WLQR 101.5 and AM are being paired with WVKC 92.5 in Toledo, while WKKO 99.9-WTOD AM there are being yoked with WRQN 93.5 Bowling Green. This will probably end WTOD's LMA with WRED 95.7 Gibsonburg OH. Saga Communications is buying WYNZ-FM 100.9 Westport-Portland ME and its AM to team with its WMGX 93.1-WGAN AM. WTKW 99.5 Bridgeport NY has filed a petition against the WYYY 94.5 and AM Syracuse duopoly with WBBS 104.7 Fulton-Syracuse, saying that to allow them to avoid the 25 percent share cap are "anomalies."

To go commercial: If the FCC approves, WAJC 104.5 Indianapolis will go to WFMS 95.5 for \$7 million in a duopoly. WFMS is backing away from a previously-announced duopoly with WGGP 106.7 Greenwood IN.

KKFI #90.1 Kansas City's fine for \$2,500 for failure to show its file was not to an ordinary member of the public, as implied in January (pp. 7-8), but it was a former employee who was refused permission.



Richard E. Wiley is a former chairman of the Federal Communications Commission and is general counsel for National Religious Broadcasters.

in *Religious Broadcasting* magazine. "The problem lies in the government judging

KLOL 101.1 Houston TX fined \$33,750 for a 1991 morning show in which penis size was discussed. The fine is against former owner Rusk Broadcasting, with the sale to Evergreen Media going forward.

Arbitron says it will call station "nonIDs" or slogans by the term "station name" in its diaries. It disqualified WMMQ 92.7 Charlotte-Lansing from its recent ratings report for ratings bias (mentioning on the air that a survey is going on).

A comparative hearing for an educational FM frequency, practically unheard of until now, but that's what faces Toccoa Falls College, which wants 88.5 in Belton SC, and Nazareth Communications, which wants 88.3 in Williamston SC.

A hearing could also happen in MA. WOMR *91.9 Provincetown applies for 1000 h, 20000 v and change from an A to B1; meantime, WUMB *91.9 Boston applies for a station in Falmouth on 91.9, at the base of the Cape. WLNE TV-6 New Bedford MA-Providence RI files a petition to deny the WUMB application. "I have no use for WUMB; it would swamp my nearby translator on 92.1, and would really restrict WOMR's signal to part of the Cape," says a subscriber.

Steve Shannon and D. C. Chymes have been "suspended" at WKBQ 106.5 Granite City IL-St. Louis MO, because of an on-air tirade about the lack of attention paid to "white history." The station, co-owned by black-formatted KXOK-FM 97.1 Florissant MO and AM, is suing the pair \$50,000 for lost ad revenues due to the controversy. The duo had called a black listener a "nigger," and suggested that Jesse Jackson be assassinated. KXOK-FM jocks had been campaigning on-air for listeners to call and urge that WKBQ's morning team be ousted.

Shades of Tom Root, the disbarred former communications attorney: The FCC has designated for hearing the application of Petroleum V. Nasby Corporation for renewal of license of WSWR 100.1 Shelby OH. Root has supposedly given up his interest in that station, but the FCC feels a hearing is necessary to find out for sure.

The FCC has denied an application by the state of Oregon for *88.9C1 in Redding CA. In 1988 the University Foundation, CA State U.—Chico filed for 88.9, and its application appeared in an FCC list mentioning a Jan. 10, 1990 cut-off date for competing applications. Then that application was erroneously mentioned on a second list that mentioned Feb. 1, 1990 as the cut-off date. On Jan. 29, 1990, OR filed for the channel. The FCC rejected OR's application. In asking for reconsideration, OR argued that the FCC committed a procedural error by failing to give clear and adequate notice, and said it was confused by the two dates given by the FCC. However, the FCC found no merit in OR's request and denied its petition.

Auctions—not like what public TV often employs—but auctions to use part of the spectrum are what the Clinton administration is eyeing to collect revenues from services like cellular communications. The bill would not affect broadcasting stations, which would still be awarded by merit-based hearings. The auction bill would pour money into the FCC based on the prospect of future earnings, such as through royalty-sharing arrangements or installment plans.

The manager of WMPG *90.9 Gorham-Portland ME resigns amid controversy over the station's method of governance. Peter Twitchell quit, citing his need to attend graduate school. Staffers seem to want strong staff participation on the station's board. Twitchell called the station's licensee, trustees of the University of Maine System, an "absentee landlord" that didn't properly oversee the station's operation, although the trustees are held responsible by federal law for what the station airs. Program host Ed Noys said "everything WMPG has become has been a result of the vision of the staff... I don't think Peter ever saw the forest for the trees. He didn't understand the management structure."

"Lovephones," heard on WEGX 106.1 Philadelphia, has parents protesting the late-night show. Even WEGX vice president Dave Noll is uncomfortable with the show, saying "I have a hard time defending some of this stuff." He didn't expect it to be as graphic as it became. A group of parents was to have picketed the Eagle 106 offices in Bala Cynwyd PA. "Don't be shocked if 'Lovephones' isn't long for Eagle 106's world," mused Joe Logan in the Philadelphia Inquirer.

Postal Service v. Minnesota Public Radio? That could be the scenario with the postal service claiming MPR, through its "Wireless" catalog, which grosses \$94.6 million in sales and earning \$8.4 in profits, takes advantage of non-profit mailing rates for a profit-making subsidiary. The postal people want MPR to pay \$3.1 million, which they claim was cheated from them. MPR spokeswoman Ginger Sisco said the network did nothing wrong and that critics are confounded by the "entrepreneurial way we do things." With the federal deficit crisis, restrictions on who qualifies for nonprofit mailing rates are being tightened, and the rates themselves will probably rise. Postmaster General Marvin T. Runyon has gone so far as to ask Congress to abolish cheap postage for all but absentee voters overseas and the blind. Many other organizations may be worthy of public support, but "it's really not our position to be the social conscience of the country," Runyon said.

FM totals as of April 30: 4853 licensed commercial stations, 1613 educational for an FM count of 6466. This does not include new stations (having construction permits) that are temporarily broadcasting without benefit of an FCC license.

From the classifieds: Fourth edition "FM Atlas," 1976, 112 pages, red cover, very good condition, which I took in trade. \$2.95 list price, asking \$10 postpaid.

Professional SCA demod card with excellent cross talk rejection \$20; Superadio III with SCA, \$85, performance guaranteed, 1-800-944-0639.

Want to buy complete translator packages and SCA receivers, M. McNiell, KNON, PO Box 710909, Dallas TX 75371; (214) 823-1326.

FM radios custom modified to become low powered transmitters, \$49 plus \$4.50 shipping. Miller Transmitters, (218) 878-0042, or write, % 776 Laurel St., Cloquet MN 55720.

FM FORUM

CONTRIBUTIONS FROM READERS
WJUX *88.7 Franklin Lakes NJ (and its near-NYC 103.1 translator) now totally

monophonic, having dropped what little stereo it had. "I love the music on WJUX and receive it perfectly on my G-E Superadio but when I try to hear it on a walkman-type radio I have a problem. It picks up the WJUX signal [when translated on 103.1] half of the time and the other half WNEW and WYNY are heard," writes Louis J. Sicilla. "Maybe you or one of your readers could suggest a walkman radio which would overcome this problem. . . I'm near to WHCR *90.3 New York, which is owned by City College of New York. It's interesting to note that WHCR presents Islamic devotional programming on early weekend mornings and also programs which are anti-white racist. Since City College is a taxpayer-supported institution, it seems to be a violation of the First Amendment. I phoned the station's comment and suggestion line and left a message complaining about it.

"Jean Swann (Mrs. Turro) is WJUX's community affairs director and is also an on-air reporter on WBBR 1130 AM (formerly WNEW). Every hour during its station ID, the old WNEW theme is played and at the start of each newscast you can hear the sound effects that the old 'NEW used. WJUX rebroadcasts public affairs programs from WFDU *89.1 Teaneck NJ (Sunday 6-7:45 a.m.). Mike Prelee, WJUX news director, was the last news director of WNEW 1130 AM.

"Brian Dodge . . . caused the death of a person by reckless driving. He also had an illegal LMA between WKBR 1250 AM and WBME 1230 AM Belfast ME, an illegal STL to WWNH 1340 Madbury NH and an illegal transfer of control involving one of the stations," alleges a reporter. He is or was involved in the operation of WGLY 103.1 Waterbury VT, which is not yet on 103.3. WGLY is "all brokered gospel programming." [See last month, pp. 5-6.]

In a related development, Ronald R. Malone was given a variance by the local zoning board to have the studios and control center for his two nearby noncommercial FM stations in his home in Rochester NH. "Malone's supporters said the religious programming operation did not pose a threat to the neighborhood or cause problems." Rep. Julie Brown, the Rochester Republican, has 20 days to appeal the city's decision. The Malone FM stations are WSEW *88.5 Sanford ME and WWPC *91.7 New Durham NH.

The Upper Midwest Broadcasting Conclave is July 15-18 in the Radisson South Hotel, Minneapolis. Watergate participant-turned-broadcaster G. Gordon Liddy is scheduled to speak, 1000 registrants are expected, and there are exhibiting opportunities. Call (612) 927-4487 or write the Conclave, 4517 Minnetonka Blvd., Ste. 104, Minneapolis MN 55416."

I'm working on a new FM Atlas, with TX redrawn. Until later this summer,

Brian F. Elving

The FM radio newsletter

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to press; FMedial averages 11 issues per year.

1993

Volume 7, Number 7—July, 1993

NEW EXPERIMENTAL STATION GRANTED IN URBANA IL, *93.5 TO USA DIGITAL RADIO, P. 1.

MI WALKER WQFN 100.5 \$[TEREO], RM, AUTOMATED, TO SURVIVE AGAINST WLHT 96.9 AND BLOWTORCH WOOD-FM
IN GRAND RAPIDS MARKET? SEE P. 2.KKBK 106.7 IN THE PORTLAND MARKET UNDERGOES FIFTH FORMAT CHANGE IN FIVE YEARS! NOW CLASSICAL,
UPSTAGING KBOO *90.7, P. 3.FAIRFIELD IA'S KHOE *90.5 HAS BIG PLANS, WHICH INCLUDE MEDITATION MUSIC ON SCS. THE MAHARISHI STRIKES
AGAIN ON P. 4.YOUR FM STATION CAN USE A VERTICAL-ONLY ANTENNA IF IT'S EDUCATIONAL OR A TRANSLATOR, BUT NOT IF IT'S
COMMERCIAL. READ HOW A PENNY-PINCHING MONOPHONIC AL CLASS A WANTED THE FCC TO HELP MAKE ITS POWER
BILLS LOWER, P. 6.STERN'S EMPLOYER INFINITY BROADCASTING PAYS RECORD PRICE FOR L.A. FM STATION—\$110 MILLION. A GOOD DEAL
FOR INFINITY? FIND OUT ON P. 6.

HAIRCUT ON B.Y. BRIDGE COSTS S.F. DJ \$1600 PLUS COMMUNITY SERVICE TIME. READ ABOUT IT ON PP. 6 AND 8.

MONOPHONIC SCHOOL STATION KSLH *91.5 ST. LOUIS PUT UP FOR SALE BY BROKER. ASKING \$250 K. SEE P. 7.

SPORADIC-E SKIP AFFECTS FM RECEPTION IN EAST, MIDWEST. SEE P. 7.

WANNA KNOW WHAT'S ON THE FM AIRWAVES AT YOUR FAVORITE AIRPORT? TUNE IN "FM GOLD," P. 8.

New FM Station, Translator Grants

*Translators have less than 100 watts unless
indicated otherwise*

- AL Carrollton W205AO *88.9 (WMBV 91.9
Dixons Mills translator), v[ertical] only
AK Houston 94.3 6000 h,v; 80 m, Chester P.
Coleman. Houston is N. of Anchorage (see
11th edition "FM Atlas" for location; former
station KJHA)
AK Whittier K202BT *88.3 (KCHU AM Valdez),
reinstatement of permit
AR Hardy 104.7 6000 h,v; 92 m, John W. Shields
AR Maumelle 86.9 3000 h,v; 100 m, Lake
Maumelle FM Associates [Stations, g
CA Bakersfield *90.9 9000h,v; 140 m, Family/
K227AB *93.3 (KUFW 90.5 Woodlake), h,v,
denying KZOZ 93.3 San Luis Obispo's
informal objection
CA Felton (Santa Cruz) 93.7 660 h,v; 294 m,
Benedek-Dewey Partnership
CA Foothill Farms (transmitter Citrus Heights
[Sacramento]) K249DC *97.7 (KCJH 90.1
Stockton), 250 h,v. The FCC denies this
translator frequency to KLVR *91.9 Santa
Rosa, because KLVR's application was not
timely filed.
CA Green Valley (12 km SE Napa; not the Green
Valley which is between Lancaster and
Castaic CA) KVVN-1 99.3 3-w booster of St.
Helens station
CA Sacramento K233AB *94.5 (KCJH), 250 h,v;
see also Foothill Farms above
CA San Juan Bautista KUSP-1 *88.9 80 w
(vertical only) booster of Santa Cruz station
CA Shafter *90.9 5000 h, 48000 v, 100 m, d-a,
with null at 160°, to protect Bakersfield
(above), g, Shepherd Communications
CA Tulare 96.5 1800 h,v; 650 m, Wynne Bcstg.
Co. [Greely], 130 h,v
CO Holyoke K210BJ *89.9 (KUNC 91.5/
CO Julesburg K206BD *89.1 (KUNC), h,v
CO Wray K228DL *93.5 (KUNC), h,v
FL Palatka *91.9 3000h,v; 46 m, Putnam Radio
Ministries, g [Atlanta], 100 w
GA Atlanta W300AB *107.9 (WABE 90.1/
GA Douglas 92.5 6000 h,v; 100 m, Orchon
Media [Tallahassee FL])
GA Thomasville W222AB *92.3 (WFSO 91.5/
HI Kihei K240CM 95.9 (KDLX 94.3 Makawao)
IL Mount Vernon W217AH *91.3 (WAFR 88.3
Tupelo MS), h,v
IL Urbana *93.5 experimental, USA Digital
Radio, 6000 h,v; 41 m
IN Knightstown WKPW *90.7 400 h, 25 m, New
Castle Area Vocational School
IA Epworth 97.3 20000 h,v; 112 m, Hemmer
Bcstg. Co. IA Mason City K223AB *92.5 (KJLY 104.5 Blue
Earth MN), 230 h,v
KY Harlan W270AA 101.9 (WAXM 93.5 Big
Stone Gap VA) [D. Gearheart
KY Harold 104.9 370 h,v; 281 m, Adam/
MI Oakland (10 km NW Auburn Heights) *88.3
130 watts v only (no h), 96 m, Oakland U.
MI Sandusky *90.7 18000 h,v; 100 m, Ross Bible
Church [JPI Radio, Inc.
MN Hibbing *90.1 100 watts h,v; 67 m,/
MN St. Joseph 92.9 25000 h,v; 100 m, S.J.
Bcstrs.
MN Worthington K201CE *88.1 (WAFR 88.3
Tupelo MS), 250 h,v
MS Columbus W220AQ *91.9 (WAFR), h,v
MS Water Valley 105.5 6000h,v; 75 m, Bobby B.
Anderson
NH Manchester W250AB 97.9 (WOKQ 97.5
Dover), 250 h,v
NM Artesia K218AK *91.5 (KYLT 88.3
Albuquerque), reinstatement of permit
NY Pittsburh 105.1 3000 h,v; 100 m, John T.
Ryan
NY Westhampton 98.5 6000 h,v; 86 m, Rose
Communications Corp., to be p, parallel to
WDRE 92.7 Garden City
NY Westvale (Syracuse) W243AB 96.5 (WLKC
100.7 Henderson NY), h,v
OH Delhi Hills (S. of Harrison on IN border, NNE
of Aurora IN, at 39-13-36; 84-51.88) *90.1
16000 h,v; 100 m, g, Lou Smith Ministries
PA Allentown *88.1 120 v; 245 m, d-a with main
lobe at 90°, Lehigh Valley Community
Broadcasters [Beacon Bcstg. Corp.
*89.3 150 v, 245 m, d-a, main lobe at 90°,
PA Johnstown W210AJ *89.9 (WQED-FM 89.3
Pittsburgh)
PA North Whitehall Township (Allentown)
W285DH *104.9 (WXPN 88.5 Pittsburgh),
h,v [89.1 Nashville], h
TN Clarksville W201AQ *88.1 (WNAZ/
TX Amarillo *88.3 20000 h, 6000 v; 88 m,
Wheeler Educational Bcstg. (see also
"Deletions," below) [W. Wrinkle
TX Big Spring 94.3 20000 h,v; 114 m, David/
TX Crystal Beach (38 km SE Seabrook) 101.5
25000 h,v; 100 m, East Bay Partnership
TX Lubbock KMMX-1 104.7 4500 h,v booster of
Lamesa station [MS], 250 h,v
TX Pampa K215BU *90.9 (WAFR 88.3 Tupelo/
UT Castle Valley (Moab) K277AF *103.3
(KJOL 90.3 Grand Junction CO), v
VA Crozet *103.5 270 h,v; 462 m, James
Madison U. [ley Baptist Church, g
VA Edinburg *88.3 1000 h,v; 130 m, Val-/
WV Webster Springs 92.5 1300 h,v; 215 m, Cat
Radio, Inc.
- WI La Crosse W299AC 107.7 (KQYB 98.3 Spring
Valley MN), granted despite opposition from
KQEG 102.7 La Crescent MN-La Crosse WI
WY Lander K244DP *96.7 (KPGM 106.9
Casper), 130 h,v
TB Villahermosa XHEMZ 100.1 \$, Im, "FM
Globo Estereo" ["La Aguastecas"
TM Tampico XHPP 93.5 \$, kl, 30000 h,v,/
VE San Andres Tuxtla XHSAV 92.7 \$, mr, "FM
92"
VE Veracruz 100.5 \$, Im, "La Cruz"
YU Merida XHMER 99.3 \$, Im, "Estereo Ritmo
Digital"
JAMAICA Kingston 89.3 \$, sm, "KLAS-FM"

Call Letters Assigned or Changed

- AL Glencoe 93.1 WGMZ (from WZJV)
AL Hartselle 106.1 WTAK-FM (WYAM), r
format (AM is in Huntsville)
AL Oxford *91.3 WADP
AZ Prescott *90.9 KGCB (KABG)
CA Chico 92.7 KLRS, r, LMA with KCEZ 100.7
Corning and KKCY 103.1 Colusa
CA Montecito 92.9 KJEE, 260 h,v; 264 m,
ownership transferred to James Evans
DE Bethany Beach 95.9 WKH: (WWTN), r,
taking calls and format from Ocean City MD
99.9
DE Fenwick Island 92.1 WADD
FL Arcadia 98.3 WKGF-FM (WOKD)
FL Inglis 104.3 WAVQ (WABU)
FL Kissimmee *89.1 WREI
GA Brunswick 101.5 WHJX"-FM" (WHJX-FM;
AM gets new call letters)
GA Tennesse 99.9 WJFL
GA Winder *89.5 WYFM (WBPS)
ID Rexburg 98.1 KOBG (KRXK-FM), o
IN Chandler 93.5 WNTC
IA Des Moines 102.5 KSTZ (KRNQ), "Star 102"
107.5 KACX
KS Horton 93.7 KADF
LA Kentwood 94.1 WYCT (WXL), k, in an
LMA with KQXL 106.5 New Roads; ID with
Baton Rouge, "Young Country 94"
ME Howland 103.9 WSNV (WPRG)
MD California 102.9 WRFK (WBEY)
MA Boston 94.5 WJMN (WZOU), "Jam'n 94.5"
MA Truro 102.3 WCDJ (WTUR)
MI Baraga 104.3 WZAN (WXNL)

had just reached K-105 and to leave a message. Can't get a real human to talk to. I bet they're [still] off."

WI Ladysmith WLDY-FM 93.1, finally! Facilitates change to 4900 h.v.; 109 m.

NL Monterrey XHSP 99.7, o, "Nostalgia FM"
 TM Matamoros XHVCH 107.1, k, "Super Estelar"
 TM Reynosa XHRYA 90.9, j, "Estereo America"
 "I was very suprised and slightly upset that you chose to publish the data I provided to you in your newsletter."
 "With my persistence and your intelligence, we should see the project through."
 Monophonic

NH Winchester WXOD, despite format change to oldies. "Probably owned by WLNG-FM" (92.1 Sag Harbor NY, another monophonic station).

OR Portland KRRC *104.1 was "mistakenly reported stereo; is mono."
 TX Livingston KETX-FM 92.3, still mono, with "much more music" [talk, baseball
 TX Woodville KVLL-FM 94.7, has news/

Format Changes

Formats are the same as in the "FM Atlas"

AL Bay Minette WFMI 106.5 mj, "soft AC, jazz," with jazz 8 p.m.-midnight, "Lite Mix 106"
 AL Enterprise WDJR 96.9 k
 AL Ozark WQLS 103.9 op, "Q-103.9"
 AR Barlin KOLX 94.3 g, southern gospel, part of a duopoly with KBUZ 95.9 Sallisaw OK
 AR Batesville KZLE 93.1 k, "Kicker 93" (from "Z-93")
 AR Benton KMKV 106.7 k, "Maverick"
 CA Walnut Creek KKIS-FM 92.1 S, l, parallel to KXMX 92.1 Madera
 CO Pueblo KNKN 100.7 k
 CO Trinidad KCRT-FM 92.7 mr
 DE Seaford WECY-FM 98.3 mr, "Easy 98"
 DC Washington WBIG-FM 100.3 o, "Oldies 100," in a duopoly with WGMS 103.5, WTEM AM
 FL Niceville WNCV 100.3 m, "Love"
 GA Americus WISK 98.7 k, still "K-98"
 GA Bainbridge WJAD 97.3 s, still "Power 97"
 GA Boston WTUF 106.3 k
 GA Cleveland WGZM 101.9 m, 1U, 67 kHz
 GA Darien WYNR 107.7 k, "Winner"
 GA Dock Junction WXMK 105.9 sr, "soul/dance"
 GA Dublin WKKZ 92.7 r, "93-KKZ" (al though still using "Power 93" occasionally)
 WQZY 95.9 k, back on air, "Y-96"
 GA Irwinton WVKX 103.7 m, but later reported off the air
 GA Jackson WJGA 92.1 k
 GA Sandersville WSNT-FM 93.5 k
 GA Sparta WSKS 97.7 still p, doing its own programming, no longer simulcasting WCHZ 95.1 Harlem

GA Thomaston WTGA-FM 95.3 s, still "T-95"
 HI Aiea KGUY 107.9 r, "hot AC"
 ID Pocatello KPKY 94.9 o, duopoly with KID-FM 96.1 Idaho Falls
 IL Alton KATZ-FM 100.3 sr, part of a duopoly with KMJM 107.7 St. Louis MO
 IL Henry WRVY *100.5 g, parallel to WCIC *91.5 Pekin; now noncommercial (had been silent)
 IL Mount Zion WXFM 99.3 mr
 IN Crown Point WWJY 103.9 m, with blues 10-11:30 p.m., signs off 11:30 p.m., "Joy 104" (from "Y-104") [k, "The Bear"
 IN Indianapolis WAJC 104.5 now commercial, / IN Jeffersonville WQMF 95.7 r
 IA Sioux City KGLI 95.5 rk, "The New Sound of KG-95," which includes country, AC, CHR and AOR.

IA Webster City KQWC-FM 95.7 mr
 KY Lawrenceburg WKYL 102.1 mr
 KY Louisville WTFX 100.5 r, in a duopoly with WVEZ-FM 106.9. WTFX had an all-Van Halen period a month or so ago, now settling into a format appealing to 13 to 34-year-olds. "They've also hired Max Webster who was with rival WQMF and, referring to WQMF's longtime mascot, are now declaring "The Weasel is dead" on the air"—this according to the "M Street Journal."
 LA Breaux Bridge KFTE 96.5 b, LMA with KMDL 97.3 Kaplan
 LA Clinton WQCK 92.7 sg
 LA New Roads KQXL 106.5 rs
 ME Brunswick WCLZ-FM 98.9 p, "adult progressive"
 MD Baltimore WERQ-FM 92.3 s
 MD Ocean City WWFG 99.9 k, "Froggy 99.9" (strict)
 MD Westernport WWPB 101.1 to be gr
 MN Duluth KYNW 101.7 o, expected on in September
 MS Collins WKFNZ 101.7 k
 MS Pontotoc WSEL-FM 96.7 gs
 MO Caruthersville KLOW 103.1 o
 MO New Madrid KMIS-FM 105.5 k
 MO Pleasant Hope KZBE 95.5 op, \$, "B-95"
 MT Belgrade KGVW-FM 96.7 gr
 MT Kalispell KALS 97.1 k
 MT Missoula KMSO 102.5 mr
 NJ Asbury Park WYGG *88.1 ge, French, mono. "Most of their programming is in Haitian French." [\$ listing
 NM Armiijo KNUA 107.1 t, sports, remove/
 NM Gallup KKKJ 106.1 k, parallel to KKFG 104.5 Bloomfield
 NM Roswell KBIM-FM 94.9 mr
 NY Albany WAMC *90.3 moves toward nj, but with some classical and folk, coming to an agreement with the new manager of WMHT-FM *89.1 Schenectady, Donn Rogosin, to de-emphasize music. Alan Chartock of the WAMC stations said WMHT-FM does not plan to move into news. But he added no deals have been made. "We are not letting anybody divide up the territory," Chartock said. "We will continue to have some classical music, as we always have."
 NY Geneva WFLK 101.7 k
 NY Southampton WOKN 99.5 k, LMA with WLTV 94.3-WELM AM Elmira
 NC Charlotte WAQQ 95.1 rp, adding "Buzz Bin," a modern rock show at night, "95 Double Q"
 NC Greenville WNCN-FM 107.9 mr
 NC Shallotte WCCA 106.3 o, "beach music"
 NC Wingate WRCM *91.9 gr
 OH London WCKX 106.3 sr
 OH Loudonville WBZW 107.7 o
 OK Spencer KROU *105.7 j, 1D with Oklahoma City, format similar—but not identical to—KGOU *106.3 Norman
 OR Coos Bay KRSR-FM 106.5 m, "Swing FM," LMA with KYTT 98.7 Coos Bay
 OR Lake Oswego KKBK 106.7 c, "K-Bach," the fifth format change in five years! An NFCB article said KBOO *90.7 Portland was started

106.1 Beaver Springs; LMA with WWBE 98.3 Mifflinburg
 PA Oliver WASP-FM 94.9 k
 RI Westerly WWRX-FM 103.7 still rp, adds Don Imus mornings via satellite form WFAN AM New York
 SC Bucksport WGTR 107.9 k, "Gator"
 TN Calhoun WCLE-FM 104.1 k
 TN Chattanooga WDEF-FM 92.3 mr
 TN Spencer WZJP 107.3 rm
 TX Beaumont KOXY 94.1 rs, "The Point" (from "94-Q") [Tejano music)
 TX Brownsville KKPS 99.5 kl, Spanish/
 TX Burnet KBLK 92.5 mr, parallel to KLKM 104.7 Liano
 TX Dallas KNON *89.3 S, es, with Christmas music heard July 1, "our annual Christmas in July program." Its 67 kHz SCS is 1E.
 TX Harlingen KIWW 96.1 kl, Spanish, Tejano
 TX Jacksonville KOOI 106.5 rm
 TX Lampasas KLT D (new calls expected) p, "98-9 Z Rock"
 TX Liano KLMK 104.7 mr
 TX McAllen KQXX 98.5 Spanish, ml, "Latin American a/c mix"
 TX Mesquite KEOM *88.5 mr, with m-o-r (no rock) heard early evening
 TX Portland KQTX 105.5 k, "CD Country" (from "Q-105")
 TX Sonora KHOS-FM 92.1 k, \$, 1Ding with KRXX 94.3 Ozona
 VA Blackstone WBBC-FM 93.5 mr
 VA Emory WEHC *90.7 jc plus urban, correct spelling of town name from "Emery"
 VA Richmond WTVR-FM 98.1 mr
 WA Gol dendale KYYT 102.3 rm
 WA Kennewick KONA-FM 105.3 mr
 WA Seattle KUOW *94.9 nt, remove \$[tereo]
 WV Dunbar WBES-FM 94.5 mr
 WV Elkins WELK 94.7 rm
 WI Sturevant WZXA 104.7 rm
 WI Sun Prairie WMA D-FM 92.1 p, returns to air as a duopoly partner with WIBA-FM 101.5 and A Madison
 WI Watertown WJJO 94.1 still op, LMA as part of pending purchase with WMGN 98.1 and WTDY A Madison
 WI West Salem WQJY 100.1 op, parallel to WKBH-FM 105.5 Trempeleau, and retaining a sales LMA with WIZM-FM 93.3 and AM La Crosse
 PR Quebradillas WQQZ 98.3 o [age"
 ON Toronto CJEZ 97.3 rm, "gold-based AC, new/
 PQ Joliette CJLM 103.5 b, "M-103"
 BN Tijuana XHRM 92.5 p, "The Flash"
 NL Monterrey XHXL 91.7 m, \$, "Sonido Noventa"
 XHSRO 92.5 m, \$, "Stereo Rey"
 XET-FM 94.1 k, \$, "La Caliente"
 XHRK 95.7 k, \$, "La Sabrosita"
 XHAW 101.3 o, \$, "A-W FM"
 XHPAG 105.3 kl, \$, "Papagallos FM"
 TM Reynosa XHRY 90.1 kl, "Super Estelar"
 XHRT 95.3 m, \$, "Estereo Vida"
 TM Tampico XHTPI 90.9 lr, \$, "Radio Tamul ipas"
 TM Veracruz XHPB 99.7 mr, \$, "Mar FM"
 XHPR 101.3 r, \$, "Oye 101"
 YU Merida XHNR 95.7 le, \$, "Super Estereo"

On Air and DX Ready (Selected)

FL Miami WDNA *88.9 back on "with near full power," after losing tower in Hurricane Andrew. "For the past year they have had an exciter-only broadcast signal... After lengthy engineering studies and FCC filings and re-filings, they have finally been granted a temporary authority to broadcast."
 IL Macomb W209-- *89.7 with WGCA 88.5 Quincy [90.5 Rockford
 IL Rockford W298-- *107.5, with WNIJ/
 IA Burlington K285-- 104.9 with KLTE 107.9 Kirksville MO, but "too weak" to be situated in the center of Burlington
 MD Salisbury WICO-FM 94.3, not yet having moved to 97.5, applying for 11th extension of CP to move



because of people wanting classical music; now KBOO plays very little classical, creating the void into which KKBK has plunged.

OR Lincoln City KCRF 96.7 o
 OR Portland KGOR 92.3 still op, adds Mark [Thompson] and Darian [Phelps] by satellite from L.A., 6-10 a.m. weekdays
 OR Tri City KKMx 104.3 rm, "Mix"
 PA Johnstown WKQS 96.5 k, "Mountain FM"
 PA Lewisburg WUNS 96.3 rm, parallel to WWBV

NE Lincoln KZUM *89.3—FCC affirms right to stay there, rather than moving back to 89.5 as a petitioner wanted. It received \$32,500 in the spring fund drive—40% over last spring.
 NJ Chatsworth W300—*107.9 with program test authority—a high powered translator of WWFM *89.1 Trenton
 TX Beeville KIBL-FM 105.7 back on; had been off the air while moving from 104.9
 TX Sugar Land K259—*99.7
 TX Tyler K256—*99.1
 NZ Christchurch—Plains FM celebrates 5 years on air; it was the site of a recent national conference for community access broadcasters.

Off Air—or Not Yet On

AZ Quartzsite KBUX, silent for summer, planning to return in September
 AR North Little Rock KZQA 101.1
 GA Jefferson WWST 93.7 (not building on 97.5)
 GA Montezuma WLML 92.5
 GA Zebul on WEKS 92.5
 IL Macomb W213--*90.5; off since December
 IA Burlington KDMG 103.1, but tower erected at Wever IA in June, about 2 km west of the KBKB 101.7 Fort Madison IA tower. "Things are moving rapidly."
 MN Sandstone W227--*93.3; "Satan doesn't want us to broadcast in Sandstone." Problems in picking up the primary station because of WCAL *89.3 Northfield off the back of the antenna. "We may go satellite."
 NY Corinth WZZM-FM 93.5
 MN Mankato K249CZ 97.7
 PA Sellersville WBLY *88.9 for over a month, and WRDV *89.3, with which it simulcasted about 60%, "no longer mentions them."
 TX Austin *91.7, one of the stations may get the calls KOOP, the Co-Op Association, which will share the channel with the U. of TX. "KOOP" would get the channel 9 a.m.-7 p.m. Monday-Friday and 9 a.m. to 10 p.m. Saturday and Sunday.
 TX Dallas K292BV 106.3, continues in FCC's database, even though "I don't believe it ever operated."
 TX Freer KBRA 95.9
 UT Delta KLG 95.7; its LMA with KKWZ 93.7 and AM Richmond UT ends

Deletions

AL Huntsville (north and south) WHVK-1, WHVK-2 93.3
 AK Whittier K202BT *88.3 (since reinstated)
 AR Rogers K204BS *88.7
 CA Petaluma KXFX-1 101.7
 CO Colorado Springs K240CC 95.9
 FL Merrit Island W203AC *88.5
 GA Atlanta WFOX-1 97.1, "for failure to prosecute"
 IL Kankakee W205AD *88.9
 KS Independence K205CB *88.9
 KY Beaver Dam WVPV 100.7
 MI Sault Ste. Marie W271AC *102.1
 MN Rochester W231AA *94.1
 MS Columbus W207AQ *89.3
 MS Laurel W205AM *88.9
 MO La Monte KOSY 97.1, an unbuilt CP
 MT Colstrip K216CE *91.1
 MT Froid K205BX *88.9
 MT Malta K203BL *88.5
 MT Wolf Point K216CB *91.1
 NJ Montague WSUS-1 102.3
 NM Artesia K218AK *91.5
 NC Southport W213AG *90.5
 OK Ponca City K205BY *88.9
 PA Slippery Rock WSRU *90.1
 TX Amarillo K203BC *88.5 (see "New," above)
 TX Huntsville K218BI *91.5
 TX San Marcos K292CG 106.3
 VA Luray WMRA-1 *90.7
 VA Waynesboro W220AB *91.9
 WV Buckhannon W209AK *89.7
 WI Neillville WISQ 92.7
 "I hope you complete the FM Atlas soon. Mine has basically fallen apart from use. Another page falls out with each passing opening! . . . Also, I hope to see better Mexico maps in the next FM Atlas. Keep up the good work."

SCS Services, 57, 67, 76, 92 kHz

Symbols are as in the "FM Atlas"

CA Los Angeles KPFK *90.7 still tZ; it is 9600 baud (tR, 92 kHz) [103.5 Chicago
 KTWV 94.7 tX, 67, same service as on WWBZ/
 DC Washington WKYS 93.9 tE, 92
 GA Atlanta WFRG *89.3 tE, 67
 GA Macon WPEZ 107.9 tD, 57
 IA Fairfield KHOF *90.5—it's a 100-watt station with great plans. To transmit from Maharishi International University campus with BBC news and ethnic music from around the world on main carrier. Its SCS will be for "mediating members of the community," and will play Maharishi Gandharv Ved music 24 hours a day. "A membership fee of \$6.75 will cover the cost of a month's subscription to the sideband which will be available only through the use of a decoder unit." Programming to vary according to dayparts. No target date announced, but you can submit ideas for programming the main channel to Brian MacQueen at (515) 469-3074.
 LA Lafayette KTDY 99.9 no SCS (open carrier, 67; had tM)
 LA Shreveport KRMD-FM 101.1 tM, 92 (no 67; had tP, 92, tM, 67)
 MI Ann Arbor WUOM *91.7 and Detroit WDTR *90.9 test signals at 76 kHz for oral traffic reporting. "This is an experiment in conjunction with Marlin Ristenbatt, engineering professor at the U of MI. If it works out we will be ordering 1000 prototypes to go in or on new cars—in the radios or a thin card to stick on the dash. . . We developed the system and Tim McCartney followed through and installed a 76 kHz SCS at KBSU in Boise ID." Working on a similar system is LRG, Inc., based in Port Washington NY, with a separate radio card mounted on the dash, with voice information to tourists as well as traffic alerting. The company is working with Shadow Traffic, which is in many cities; will take Shadow data and reinterpret them for LRG clients. May use an alerting signal on RBDS, 57 kHz, then transfer the information to a 67, 76 or 92 kHz channel. "I'm 50 years out of college and still trying new things. We're using your Atlas to find the stations in different traffic corridors and will be contacting them and asking them to participate. If this takes off, I'll be a prospect for your newsletter."
 MD Baltimore WBJC *91.5 has tE, 92, in addition to talk at 67
 MD Waldorf WXTR (not WXTR-FM, since there is no WXTR AM) has tE, 92, Spanish, Radio Sante Fe, transmitting from Fenton Street in downtown Silver Spring, and the brainchild of a group of Colombian businessmen. Modified boomboxes cost \$75 to \$120, but the station is not counting on selling radios to bring in revenues. Instead, it's hoping to be advertiser supported. Thirty-four-year-old Nicholas Arcila is heading the partnership, having expanded to Richmond where "XTRA 104" people own WMXB 103.7. WXTR identifies with Washington DC.
 NV Las Vegas KNPR *89.5 tE, 67 (no tU, 92)
 NY Garden City WDRE 92.7 no 67 (had Radio Sedaya Iran). "Good move; it always sounded terrible." The 92 continues to be telemetry warbles.
 NY New York WQHT 97.1 tE, E, "WMNB" (Russian) on 92, same as on WFME 94.7's 67; WQHT's 67 still Greek, Antena FM. "I'll let you know if WFME drops the Russian."
 WNEW 102.7 no SCS, "but we are looking into the possibilities of it."
 WNCN 104.3 RSI now on its 92 kHz, while 67 continues to be Korean Christian Broadcasting (tE, E)
 WMXV 105.1 tC, relay of its main channel, 92. Briefly had tG, LDS programming from Salt Lake City and a relay of KSL AM there; tZ, 67.
 PA Wilkes Barre WRMS 92.9 tC, 67 (relay of WARM AM Scranton); retains tR, 92
 SC Charleston WSSX 95.1 tU, 92 (no 67)
 SC Folly Beach WYBB 98.1 tU, 67, now "98-Rock" (from "B-98")

TX Houston KILT-FM 100.3 tX, 67



TX Tyler KNUE 101.5 tU, 67 (was tM)
 TX Whitehouse KISX 107.3 tU, 67
 VA Richmond WMXB 103.7 tE, 67, Korean, run by Moo Il Moon, a well-known Korean TV presenter, now living in VA.
 VA Suffolk WAFX 106.9 tE, 67, coming soon, Korean, Moo Il Moon. Moon speaks poor English, but is learning along with many of his listeners who receive English lessons on the radio. Worldwide Radio Korea is at (804) 560-5555.
 AUSTRALIA—There is a market for SCS receivers "due to the restrictions placed by our federal Department of Transport and Communications which limits competition with existing broadcast licence holders. The BBC World Service, which is satellite fed to Australia, is now available in Sydney, Melbourne, Canberra and shortly elsewhere as a subcarrier on FM radio stations. I know that two of the stations use 92 kHz subcarriers but one may be using 67 kHz. . . If the radio is suitable and reasonably priced, a market for a quantity could easily be found. . . I did subscribe to the BBC service but the only radio they have is very badly made, is insensitive, covers FM only, no stereo, and can only pick up with a small built-in telescopic rod—no provision for connecting an external antenna. Many subscribers have returned them and been rebated their subscriptions as the BBC accepts that their own unit has very limited acceptance."
 "Your modified radios are quite convenient to take along on a trip. You can follow the stations all along the way. You have a good thing going."
 "It's absolutely fabulous" (the modified G-E Superadio II). It's working very well. I'm getting things I never expected. I'm excited. It's superb. I couldn't be any more satisfied."
 "For a person who's such a whiz at electronics, it's incredible that you have a phone system with so much hum that I can hardly understand you. It's a joke."
 "Looking forward to the new Atlas; the old one is falling apart."
 "I sense that many of your customers are unhappy with the results obtained from the relatively inexpensive SCA units you use; after the novelty wears off, even a very small amount of crosstalk from the main channel can be quite annoying and distracting. The sound should be crisp, clean and noise-free. . . I wonder how you plan to list the 57 kHz RBDS service which will apparently soon be quite widespread? You might consider the letter code 'I' and show it as t(I). But that may not be practical if virtually every station has either it or t(D); in that case it may be better to just ignore it, or use a completely different method. I'm not sure I've ever heard t(I), or would know how to distinguish it from t(D)." But most SCS activity is at 67 kHz, not 57 or 92: "This town is 67 kHz or bust!" One feature of RBDS is the potential to show "what song is playing, etc. It claims most stations will get subcarriers that didn't have them in the first place." Testing for the summer Consumer Electronics Show in Chicago at 57 kHz were: WBEZ, WGCI-FM, WLIT, WLS-FM, WLUP-FM, WNUA, WPNT-FM, WUSN, WVAZ, WXRT, WTMX and WWBZ. Access USA, Delco, Denon, Goldstar, Jensen, Sony and Coupon Radio demonstrated 57-kHz-capable radios at the CES.
 "Thanks for sending this radio. But it doesn't pick up In Touch either. . . So, please issue me a credit on my card and take this one back, too."
 "I found the FM Atlas an excellent tutor on SCS, and it answered the several questions I had."
 "I'm glad to hear you're working on FMA-15 (especially the new TX map)."
 "Looking forward to FM Atlas."
 "Your Atlas is very valuable and I appreciate that it's a labor of love."

FMistakes—FMedia! and FM Atlas

AR Clarksville 106.9 calls are KXIO, not "KXIQ," May, p. 3, col. 2
 AR El Dorado—station moving from 103.1 to 103.3 is KIXB (formerly KAYZ), June, p. 2, col. 1.
 ARMurfreesboro KMTB 99.5; its former frequency was 95.3, not 99.3, June p. 2, col. 1.
 CA San Francisco 98.9 KSRV; former calls were KDBK (not KDBY), May, p. 1, col. 3.
 CO Pueblo KDZA's former calls, KRYT, (107.1) not mentioned (May, p. 1, col. 3)
 FL Callahan WAIA 93.3 is not in GA, May, p. 3, col. 1 [1, col. 3]
 GA Helen WHEL is on 105.1, not 94.1, May, p./ GA Tifton WSGY 100.3 k (no format shown, June, p. 2, col. 3)
 KS Winfield KWKS should be shown on 107.9, not "104.9," FM Atlas, p. 113
 MI South Haven calls for 98.3 are WCSY-FM, not WCZY-FM, May, p. 3, col. 3.
 MN Lake City calls for 102.5 are KMFV, not "KMCX" (May, p. 2, col. 1, under MN Spring Valley) [3, col. 3]
 MO Cabool 98.1 is KOZX, not KDZX, May, p./ NC Kannapolis calls are WRFV, not "WKFX," May, p. 3, col. 3 (under NC Burlington WZZU) [WVXF-FM, June, p. 3, col. 1]
 NC Laurinburg 96.5 calls are WAZZ, not/ OH New Philadelphia *91.5 calls to be WKRJ, not "WKHJ," May, p. 3, col. 3
 SC Blackville WAAN to be on 97.9, not 98.1 (May, p. 2, col. 2)
 TN Jellico 102.7 calls are WEKX, not "WEXX," June, p. 2, col. 2
 TX Gatesville 98.3 calls are KRYL, not "KHYL," June, p. 2, col. 2
 VT Morrisville 93.9 calls are WLVB, not WLBV, June, p. 2, col. 2
 VA Lynchburg calls and frequency are WVMC and 90.9, not "WMMC 89.9" (June, p. 3, col. 2)
 WV Clarksburg WVHF should be listed on 92.1, frequency it is moving to, from 92.7, FM Atlas, p. 130
 "With some state maps so crowded it would be OK to put the FM translators in the back of the book."
 "If you're not listening to FM, you're not listening to radio."

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 top of hour)

AL Birmingham WZZK-FM 104.7 Hot Country 105 (from "FM 105")
 IL Chicago WPNT 100.3 FM-100 (back to, from "The Point") (not strict)
 IA Spencer KICD-FM 107.7 Country 108/
 LA Boyce KBCE 102.3 102 FM Jamz (from "B 102")
 LA Galliano KLEB-FM 94.3 94 Country
 LA Maurice-Lafayette KFXZ 106.3 Red Hot Z-106 (from "Foxy 106")
 MD Grasonville WXLZ 103.1 Rock 103
 MA Pittsfield WBEC-FM 105.5 still Live 105.5, now owned by Airtau Communications, Inc., which plans no change in format or nonID, but its AM going to less music
 MI Detroit WOWF 99.5 Young Country. Similar to Alliance Broadcasting's "Young Country" format at KYNG 105.3 Dallas TX. They "spent a fortune on TV commercials for the Wow-FM news/talk format, then dumped it after only 20% weeks! ... Their air staff are the former talk show hosts—good because "Young Country" puts listeners on the air a lot (in contrast to rival WWWW's more music approach)! A fun station to listen to."
 MO Canton KRRR 100.9 K Triple R (strict), \$, no longer on 102.3
 MO Memphis KMEM 96.7 New Country Kicks 96.7 (from "Country 96")
 OK Muskogee KAYI 106.9 K Hits 106.9
 OK Oklahoma City KXXY 96.1 96.1 KXY (from "96FM-KXY") ["Jazz 90"]
 PA Philadelphia WRTI *90.1 Jazz FM (from/ PA Summerdale-Harrisburg WJAZ *91.7 Jazz FM
 SC Hardeeville WLVD 101.1 Soft Soul 101
 TN Chattanooga WDDO-FM 96.5 Kicks 96% (from "Country 96.5") ["B-96"]
 TX Beaumont KYKR 95.1 The Kicker (from/

TX Huntsville KSAM-FM 101.7 K-Sam Thunder 101.7 (from "Thunder 101.7")
 KVST 103.7 Hometown Country 103.7 FM
 TX Lufkin-Nacogdoches KYKS 105.1 Kicks 105
 TX Malakoff-Athens KCKL 95.9 K-Cal
 TX Nacogdoches-Lufkin KTBQ 107.7 Digital 107.7 (from "Q-107")
 TX Palestine KTDN *91.5 Sonshine Radio
 TX Tye-Abilene KBCY 99.7 Hot Country Y 99
 TX Tyler KKUS 104.1 uses calls, "US 104, Fun Country KKUS" (from "US 104")

Multi City IDs In Use

KY Reidland WZZL 106.7 with Paducah
 OK Hobart KQTZ 105.9 with Altus-Eik City
 PA Jackson Township WRTY *91.1 adds Mount Pocono, "Jazz FM"
 TX Carthage KTUX 98.9 with Shreveport-Bossier City LA, "Tux 99 Rocks"
 "Hope you find some of this information useful. There have been a lot of changes on FM and AM..."
 "When is the 15th FM Atlas coming out? I haven't seen you mention it at all in FMedia!"

AM Happenings Most Likely Caused by FM

AZ Bisbee KBZB 1230, designated license renewal for hearing, with the FCC investigating its silent status
 CA Banning KMET 1490 silent
 FL Bradenton WJRB 1490 silent "pending sale"
 FL Winter Park WWSN 1440 silent amidst a dispute among its would-be owners and to correct problems with its ground system
 HI Honolulu KOHO 1170 silent, had been all Japanese
 ID Payette KIOV 1450 along with KQXR 100.3 FM silent
 ME Machias WMCS 1400—FCC deletes license and call letters for "failure to prosecute."
 MA Gardner WGAW 1340 silent, in bankruptcy court
 MN Monticello KMOM 1070 back on air. With a "local station format... We'll go on with a pretty basic schedule and add as we go. The reopening came because community advertisers are taking a look at it as a valuable asset for the area."
 MO Kansas City WHB 710 to parallel KMZU 100.7 Carrollton MO with country, farm news. It was spun off in the Malrite/Shamrock deal; being sold to Kanza, Inc., owners of KMZU and its AM.
 NE Omaha KOIL 1290 silent for repairs, back on temporarily simulcasting KXKT 103.7 Atlantic IA-Omaha
 NM Santa Fe KVSV 1260 "silent for repairs"
 NY Mechanicville WMVI 1160 off air, in bankruptcy and majority shareholder John Farina is in seclusion. "Some of the advertisers who owed money to the station ended up paying it to Mr. Farina instead of the corporation." WMVI also solicited money from its listeners. The amount, believed to be about \$12,000, must also have been deposited in Farina's personal account. Court expected to put station up for auction soon.
 NC Burgaw WVBS 1470 silent
 PA Lykens (Harrisburg) WQIN 1290 silent
 RI Providence—WPRO, WWRX, other stations cutting out or severely cutting back on news. This development hits AM radio especially hard. As the exodus of listeners continues to plague AM, "all-news radio may be a dinosaur now," said Nick Mills, journalism instructor at Boston University, and morni news announcer at WCLB-FM 105.7 Framingham MA. The number of people employed in radio news was about 19500 in 1982. By 1992 that number had dropped to 15700. In many major markets only two radio stations actually have reporters on the streets.
 TN Germantown (Memphis) WNWZ 1430 silent; its LMA with KFTH 107.1 Marion AR ending TX Merkel KMXO 1500—FCC deletes license and call letters for "failure to prosecute"
 TX Robstown KROB 1510 silent
 UT Moab KCONY 1450—FCC designates license renewal for hearing, with the FCC concerned about its silent state
 WV Berkeley Springs WCST 1010 silent
 "Bruce: Still must reading. Also, I appreciate the Howard Stern comments."

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 Columbiana 101.5A, Aug. 30, Sept. 14
 AK Anchorage 102.9C1 for C2, KANC, July 26, Aug. 10 [KHAC-FM, Aug. 9, 24
 AZ Window Rock 102.7C1 for 103.1A, /
 AR Stephens 102.1A AR Wireless Co. counterproposal [proposal]
 CA June Lake 103.1A Don Stewart counter- /
 CO Estes Park 102.1A, Aug. 30, Sept. 14
 FL Avon Park 99.1A for 106.3A, WWOJ, with New Port Richey [C2, WKKB
 FL Key Colony Beach 103.9C2 for 105.5- /
 FL Key Largo 106.3C2 for 103.9C2, WZMQ
 FL Marathon 105.5A for 106.3A, WAVK
 FL Naples 105.5C2 for C3, WIXI counterproposal
 FL New Port Richey 105.5C2 or C1 for A, WGUL-FM counterproposal
 FL Sarasota 104.3A for 105.5A, WKZM, with New Port Richey
 FL Sebring 104.3A, 105.7A or 105.7C3 for 105.5A, WCAC and others' counterproposals
 ID Rexburg 98.1C1 for C3, KOBG, Aug. 13, 30
 ID Sun Valley 107.5C, Aug. 30, Sept. 14
 IL Lena 102.1A, Aug. 13, 30
 KS Lindborg 95.5C3 for 95.9A, KQNS, Aug. 16, 31
 MN Bemidji 95.5C1, Aug. 16, 31
 MO Owensville 95.3A for C2, KLZE, with Versailles
 MO Versailles 95.1C3 for A, KLGS, Aug. 16, 31
 MS Hazlehurst 92.9A for 100.9C3, WMDC-FM, with Utica
 MS Utica 100.9C3 for 92.9A, WJXN, Aug. 9, 24
 MS Vicksburg 101.3A for 101.1A, WBBV, with Utica [Aug. 13, 30
 MO Chillicothe 103.9C3 for A, KCHI-FM, /
 MT Kallispell 106.3C2 for A, KDBR, Aug. 9, 24
 MT Livingston 100.7C, Aug. 23, Sept. 7
 NE Hastings 94.5C2, July 26, Aug. 10
 NM Pojoaque—Cheryl Potter 92.9C3 counterproposal
 NC Norlina 94.3A, Aug. 30, Sept. 14
 OH Athens 95.9A, Aug. 9, 24 [10
 OKlahoma 95.7C3 for A, KACL, July 26, Aug. /
 SC Blythewood 94.3A counterproposal
 SC Camden 102.7A for 94.3A, WPUB, with Blythewood
 SC Ridgeville 100.9C3 from Waltherboro, WPAL-FM, Aug. 13, 30
 TX Bowie 100.7A for C3, KRJT-FM, so KTQQ 100.9 Sulphur LA can upgrade, Aug. 23, Sept. 7
 WA Pateros 107.9A, Aug. 23, Sept. 7
 WA Wauitsburg 101.9C3, or:
 WA Walla Walla 99.1A and 101.9A, or 100.7C3 with Wauitsburg, Aug. 30, Sept. 14 [24
 WA Wilson Creek 103.3C3 for A, KVYF, Aug. 9, /
 WV Williamstown 96.9A, Aug. 9, 24
 WI Markesan 104.7A counterproposal
 WY Afton 98.7A for 98.3A, KRSV-FM, with Rexburg ID

FM Rulemakings Finalized

Dates are when FCC filing windows are open

AL Columbia 92.1A, Aug. 24-Sept. 23
 AL Dothan 107.5C3 for A, WESP
 DE Bethany Beach 95.9B1 for A, WKHI
 FL Miami 93.1C for C1, WTM1
 FL Yankeetown 96.3A, Aug. 10-Sept. 9
 GA Dawson 98.1A for 92.1A, WAZE
 GA Sasser 107.7C3, Aug. 17-Sept. 16
 HI Kealekekua 101.5C1 for C3, KAOY
 HI Volcano 107.7C1 for A, KKOAA
 ID American Falls 104.1C1 for A, KOOU
 IL Colfax 92.9A, Aug. 3-Sept. 2
 IL Fairbury 107.7A, Aug. 3-Sept. 2
 IL Lincoln 93.9B1 for A, WESZ
 IL Pontiac 93.7B1 for A, WJEZ
 IA Alta 97.5A, no dates announced
 IA Ames 105.1C3 for 107.1A, KCCQ
 IA Lake City 106.7C3, no dates announced
 IA Perry 105.5A for 101.7A, KDLS-FM
 IA Sac City 104.7A for 105.1A
 IA Storm Lake 101.7C1 for 101.5C1, KAYL-FM
 LA Amite 96.5A, July 29-Aug. 13
 LA Buras Triumph deleted 94.1A
 LA Galliano 94.3C2 for C3, KLEB-FM
 MD Pocomoke City 92.5A, Aug. 3-Sept. 2
 MO Asbury 103.5C3 for A, KWXD
 NE Blair 97.3C3 or 101.5C3 for 106.3A, KBWR
 NY Jeffersonville—dismissed Susan Pollack's 102.1A counterproposal [102.1A bid
 NY Liberty—dismissed Michael Celenza's/
 OR Cannon Beach 96.5A, Aug. 3-Sept. 2
 OR Coos Bay 93.5A, Aug. 10-Sept. 9
 OR Seaside 98.9A, Aug. 3-Sept. 2

PA Oliver 94.9B1 for A, WASP-FM
 TN Huntingdon 100.9C3 for A, WVHR
 TX Dublin 92.9C3 for 104.9C3
 TX Marlin 92.9A for C2, KEYR
 WI Three Lakes 93.7C2, July 20-Aug. 19
 WY Cheyenne 104.9A, Aug. 24-Sept. 23

Nix to Vertical-Only Commercial FMs: FCC

In a stunning blow to small commercial stations eyeing the ever-increasing costs of electrical power, the Commission dismissed a petition by WOAB 104.9 Ozark AL to use vertical polarization only. Penny-pinching WOAB is not stereo, either. In its petition to the FCC, licensee Ozark Broadcasting Corporation contended that most FM receiving antennas are vertically polarized and therefore it is not necessary for stations to waste power by broadcasting both horizontally and vertically polarized signals. "Although it submitted no studies or data to support its claims . . . the proposed change would allow stations to operate at lower transmitter power, consume less energy, and still provide the same coverage."

Dismissing the petition, the FCC stated that no useful purpose would be served by proceeding further in this matter. The FCC rules provide for horizontal-only radiation, or a combination of h & v. You'll see above, "New" and "Facilities Changes," that most stations today use a combination of v & h polarizations.

It seems a strange inconsistency that vertical only is allowed for educational stations (between 88.1 and 91.9 mhz) and FM translators anywhere on the band (88.1 through 107.9). Perhaps the matter could be revisited if Ozark or some other party were to provide better documentation on the energy savings of having only vertical as opposed to both polarizations.

FCC Clarifies FM Translator Rules

It's not the relief most translator operators were looking for, but the door has been cracked open, ever so slightly. The FCC has clarified that independent translators, whose ownership and financial support relationships with a primary station are temporarily "grandfathered," will not be required to comply with the new service rules through April, 1994, if the translator changes the primary station. "The Commission believes that a change in the primary station will reflect the preferences of local audiences in the community without altering the technical aspects of a translator's operation." But older translators which don't meet current technical standards of the FCC must do so when they implement a "major change," or if they cause interference. A major change is defined when the translator coverage area (1 mV/m) is increased by more than 10 percent.

The FCC announced it will accept FM translator applications in Channel 6 TV areas where there is a written agreement

with a Channel 6 station about interference. The FCC said the proceeding was initiated by various parties seeking reconsideration of the Order of Nov. 8, 1990, amending the FM translator rules. The petitioners sought more permissive uses of translators, including funding and maximum power. "Denying the petitions, the Commission found that it had struck an appropriate balance in the rules as adopted, and declined to either expand the role of the FM translator service or to place greater restrictions on the operations of FM translators."

FCC Eases Way For Some FM Upgrades

Certain FM stations, interested in upgrading on their own channel, or which can slide onto an adjacent channel, can now do so without going through the cumbersome rulemaking process. It's a one-step solution spelled A-P-P-L-I-C-A-T-I-O-N. Under the old rules, stations had to request those changes through a two-step process in which a party first files a petition for rulemaking and, if the rulemaking is granted, then an application. Other parties were then free to protest the rulemaking during the time allowed for comments and replies. Upgrading stations must, however, make sure the transmitting sites they select meet all application criteria, including the proper distances from other stations on the exact channel and up to three channels on either side. The FCC would consider these "minor changes" (unlike the translator rules, where even a 10% increase in coverage triggers the "major change" mentality of the Commission), and free from challenges from other mutually exclusive applications as of the day the applications are received at the FCC.

Small-Print Happenings and FM Industry News

A record price paid for an FM station—that's what KRTH 101.1 Los Angeles fetched when Infinity Broadcasting bought it from Beasley Broadcasting Corp., subject to FCC approval, for \$110 million. Infinity, of course, owns KROQ-FM 106.7 Pasadena-Los Angeles. This eclipses the previous high price paid for a stand-alone FM, the \$40 million paid recently for KXEZ Los Angeles by Viacom, which also owns KYSR 98.7 there, as well as the Star FM stations in San Francisco-Santa Cruz straddling 99 mhz. One caller urged me to spend \$15 in the multi-state lottery. The grand prize was about \$110 million. Hmm. If I entered and won, I could have bought a major market FM station with the winnings—but I don't gamble—unless publishing a book and a newsletter is a gamble. A businessman who attends the same church I do says there's a difference between gambling and taking a calculated risk. Running a business might seem like gambling, but it's really taking a series of calculated risks.

Of the KRTH sale, the first impression is that it's too much money, but Raymond Katz, senior vice president at Lehman Brothers, said "it's a good investment." The station generated \$22 million in ad sales last year, and in a market where folks are tied to their cars much of the day commuting, there's plenty of radio listening going on. KRTH wasn't even on the market, but Mel Karmazin of Infinity persuaded George Beasley to sell. Karmazin says he'll keep the station's oldies format.

FM in China—ComStream and Xinjiang Broadcasting of China have agreed to install a digital audio network throughout one of China's provinces. The network will carry one stereo and six mono channels from the provincial capital of Urumqi to 50 regional sites, which include FM stations. Probably one of the last areas of the vast nation we know as China, Xinjiang is the westernmost province and borders Afghanistan, Pakistan and several republics of the former Soviet Union. I question why the need for digital audio quality for a mono, probably mainly talking, network.

FM(?) in Ukraine—Jim Wychor of the MN Broadcasters Association took a trip there and found all three stations in Chervonograd, a city of 70,000, owned by the government. Each has 100 kw and they operate on 4, 4.5 and 5 meters. I haven't figured out the formula, but I think that's in the 60-66 mhz band, once used extensively in eastern Europe for FM. The three stations, in what must be a duopoly, share a staff of seven: a manager, a chief engineer, two technicians and three announcer/producers. Monthly salaries in U. S. dollars: manager \$12, technician \$8, announcer/producer \$7. Wychor kindly brought along tee shirts with radio slogans that were gleefully picked up and worn by the station people. Some 25 stations in MN had donated promotional material for the trip. "A t-shirt is not a big deal in the good old USA, but in Ukraine they cost a person a full month's pay," Wychor said. A full market economy is two or three generations away, and then only with a lot of help. "Everyone has a very large garden, two or five acres or more. If they did not have such a garden, it is doubtful they would survive. . . This trip reinforced the personal knowledge that we Americans are the luckiest people in the world and it is imperative that each of us do everything possible to make sure it stays that way for all future generations," he said.

Satellite digital audio broadcasting is one of the subjects the FCC plans to discuss at the 1993 International Telecommunication Union (ITU) World Radiocommunication Conference in Geneva, Switzerland, Nov. 15 to 19. The FCC has suggested that the conference also include a review of international radio regulations. These conferences are scheduled every two years. The NAB called on broadcasters to move faster in developing an in-band digital audio broadcasting system, and has set aside \$50,000 for such testing. The new experimental grant in Urbana IL (see p. 1) on *93.5 is an example of domestic digital audio broadcasting experimentation, although I don't know if that station will participate in the NAB's largesse. Anyway, the NAB's board is calling on radio broadcasters to get into DAB "before satellite services are even considered."

Off to jail for a haircut? That was a possibility as KSOL 107.7 San Mateo morning host Mancow Muller and three accomplices faced the music in a court appearance on charges stemming from Muller's Bay Bridge haircut caper. Misdemeanors only, but the judge slapped a \$1000 fine on him and forced Muller to do 100 hours of community service.

Former KPWR 105.9 Los Angeles morning announcer Jay Thomas is reportedly suing the station \$900,000 for breach of contract, following his firing.

In fine news, WMPR *90.1 Jackson MS \$7,500 for broadcasting commercials on a noncommercial station. WIFC 95.5 Wausau WI fined \$6,250 for violating the FCC's rules regarding the advertising of games. WDRM 102.1 and AM Decatur AL given short term renewals and assessed \$50,000 for failing to meet FCC EEO requirements. Following a petition by the NAACP, the FCC decided to fine WKRR 92.3 Asheville NC \$10,000 and give it a short-term license renewal for EEO reporting deficiencies. KOY-FM 95.5 and AM Phoenix fined \$25,000 for inadequate EEO reporting for 49 of its 72 vacancies.

It's not about a fine, but the FCC's and courts' nudging a station to mend its evil ways. WMYK 92.1 Moyock NC, which claims that 92 percent of its audience resides in Virginia, wants to carry lottery advertising, legal in VA, but illegal in its state of license, NC. The U.S. Supreme Court ruled 7-2 against WMYK's carrying lottery advertising from the neighboring state. The court stated that gambling is not a constitutionally protected right and thus not a free speech issue. The lesson: stations must be aware of their responsibilities in serving not only their cities of license but the states in which they are licensed.

KLON in Long Beach isn't the only CA station trying national syndication of jazz. KJAZ 92.7 Alameda on June 30 launched the National Jazz Radio Network, going out to other stations and cable systems. After WJZE 100.3 Washington dumped that format and became WBIG-FM, displaced program director Bob Linden has taken an ad promising to "Knock on the door of every radio station" until he finds a new home for the station's format and publicizing his home phone number, (301) 283-2076.

In duopoly doings, WYAI 104.1 La Grange-Atlanta, the station not included in the original WYAY 106.7 Gainesville transaction, to be paired with Cox's WSB-FM 98.5 and AM. Broadcasting Partners, owners of WPEG 97.9 Concord NC, picking up WCKZ 101.9 Gastonia, both in the Charlotte market.

The FCC has set for hearing an application to assign the unbuilt KCVI 101.5 Blackfoot ID from Richard Bott II to Western Communications, Inc. Bott prevailed in a hearing with another applicant, saying he would move to Blackfoot and serve as fulltime manager, operating a commercial religious station, but then changed his plans when another station in the market went to a similar format. The FCC charged that there were "substantial and material questions of fact concerning whether Bott, either in the course of the comparative licensing process or in the assignment proceeding, misled or lacked candor with the Commission about his intention to move to Blackfoot and act as fulltime general manager of his proposed station."

A meeting in Duluth of AMPERS (Association of MN Public Educational Radio Stations, an anti-Minnesota Public Radio group) was last month. Delegates agreed to apply for a \$62,000 state research grant to study the feasibility of a network-like arrangement for sharing of programs. All AMPER Stations were represented, except for KUOM AMinneapolis. KUOM's status as a student station is not all that assured, John Schmitz of KUMDuluth tells me. KUOM is still a public station, and at a meeting of the university board of regents there were discussions about KUOM's fate. President Nils Hasselmo said there may be other options besides a student operation for KUOM, which has been hurt by the exodus of listeners from AM to FM, and he is expected to make a final decision by next month. AMPERS did participate with MPR in seeking an increase in state funding for public stations, which amounted to \$3000 more per this year. This makes the basic state grant, which had been \$24000, now \$27000.

Again this summer WBUR *90.9 Boston's programming is being heard on Cape Cod by means of WKKL *90.7 West Barnstable MA. It carries WBUR Monday through Friday 4 to 10 a.m. and 4 to 7 p.m., as well as 5 to 11 a.m. Saturday and Sunday. WCCT *90.3 Harwich and WSDH *91.5 Sandwich also carry WBUR's programming.

WMJX 106.7 Boston was charged by WCLB-FM 105.7 Framingham-Boston with violating the FCC interference rules when it moved its facilities, causing blanketing interference. "Blanketing interference occurs when an FM station's signal strength is of such magnitude that it causes receivers near the transmitting antenna to be partially or completely blocked from receiving other broadcast stations," the FCC

defined. The FCC found that the interference was, instead, the kind known as receiver induced third order intermodulation effect (RITOE), and not blanketing. If it had been blanketing, the FCC said other stations would have been affected, and there were no complaints other than that of Fairbanks Communications, licensee of WCLB-FM. Lacking any complaints from listeners, the FCC concluded that the Fairbanks complaint was without merit.

The FCC affirmed the grant of *90.5 to Rockford IL, now in use by Northern IL U. as WNIJ, and threw out a mutually exclusive application by Open Media Corp. for Chicago IL, saying its arguments were merely a restatement of what had been said earlier. Open Media's tower must have been planned for a spot where no interference would occur to WMBI-FM's *90.1 Addison IL facility.

WWUS 104.7 Big Pine Key FL asked the FCC for full Class C protection and to avoid downgrading to a C1, charging that it could not construct a tower of enough height in its area because of FAA and other restrictions. Furthermore, it wanted 620,000 watts effective radiated power, instead of the current 100 kw maximum, at its 135 meters altitude, so that it would provide Class C-type coverage at a lower height. The FCC said it has historically refused to authorize excessive power in order to compensate for insufficient antenna heights, and urged WWUS to consider a directional antenna. The station's 34 dBu "interfering" contour would have fit into the Commission's scheme, but that its 60 dBu coverage (1 millivolt/meter) would extend 17 km less than that of a full Class C station, and that it is an "inefficient utilization of spectrum" to permit the station to such power with such poor resulting coverage. It also noted that such extremely high power at a relatively low antenna height "would greatly increase the risk of blanketing interference."

Shreveport LA 102.9 may not be a reality for a while. The FCC has remanded to a judge the proceeding involving four mutually exclusive applicants. One of them, NTW, Inc., had a principal die, Pete Harris, and now NTW wants to substitute his wife. FCC hearings can take so long that people die off.

"Communications News" had a story about a computer hacker who managed to get into the phone lines of three Los Angeles FM stations to win a luxury car, a trip to HI and more than \$20,000 in prizes for promotional call-in contests. Meet Kevin Poulsen, also known as "Dark Dante." "Poulsen will 'get his date in court,'" but this is seen as just a "drop in the bucket" compared to other, more serious computer crimes. The stations are not named, but you could probably guess which might be the affected stations.

The Spring, 1993 RADAR® Report reflects radio's stability in national usage. Surveying people 12 and over, the RADAR report found FM maintaining 78 percent of the total radio audience. RADAR studies are sponsored jointly by the ABC, American Urban, CBS, Unistar and Westwood One radio networks and major advertisers and agencies.

FM station totals from the FCC: 4895 commercial, 1625 educational, 2014 translators and boosters.

Invitation to bid: KSLH *91.5 St. Louis MO, 12.5 kw, 368 feet, upgradable to full class C (has CP for 100000 h.v; 152 m), monophonic. "The St. Louis Board of Education is selling its noncommercial FM radio station. . . includ[ing] the broadcast license and transmission equipment. It will be necessary for the purchaser to establish new operating premises. Bids starting at a minimum of \$250,000 are to be submitted by July 30 to: Gary Stevens, Gary Stevens & Co., 49 Locust Ave., Ste. 107, New Canaan CT 06840; (203) 966-6465." [Ad seen in "Religious Broadcasting" magazine.]

Which leads to "From the Classifieds": Modulation Sciences SCA generator excel. cond. \$2200, Roy Swafford, PO Box 2501, Springfield

MO 65801; (417) 883-5488. "He's not getting out of the SCS business; this is an extra one he has."

Searching for qualified air talent: "The equipping of the Holy Spirit for the ministry of Christian broadcasting is what we will be looking for in your spiritual and professional resume and in listening to your tape." 50000-watt facility serving southeast MN and northern IA [KJLY 104.5]. Send requested information to Minnesota Christian Broadcasting, Inc., PO Box 72, Blue Earth MN 56013. Attn.: Matthew Dorfner; no EOE mention in ad.

Wanted to buy any FM 3 kw transmitter needing repair OK. R. Bell, WRVB, 4314 Cherry Ct., Evansville IN 47714; (812) 479-3377.

Marti SCG-10 67 kHz SCS generator, etc. plus receiver for sale, D. Sorenson, SBC, 604 N. Kiwanis, Sioux Falls SD 57104.

Lorenzo Milam has copies of three of his books, SEX and BROADCASTING, THE RADIO PAPERS and THE PETITION AGAINST GOD. Buy 'em singly or in bulk. "What a great premium idea!" Mho & Mho, PO Box 33135, San Diego CA 92163.

Non-comm educ. FM needs any equip. as tax deductible donation. B. Tyson, WSSD *88.1 monophonic, 11026 S. Wentworth Ave., Chicago IL 60628; (312) 928-8800.

A new adult contemporary commercial Christian radio station is soon to come on the scene, covering a large portion of N.W. MN! Looking for experienced morning talent! Call KKCC-FM [107.1] Radio and ask for Phil, (218) 435-1919.

Growing two-station company has true career opportunity! If you have drive and integrity with a desire to move into management through sales, send resume to Magnum Radio, Inc., [WBOG 96.1] 1021 N. Superior Ave., Tomah WI 54660.

DX Doings—An Occasional Feature

From a location in Queens, a DXer says "DX hasn't been very good this year; nothing farther than DE, until June 24 at 7 p.m. when I heard WYFO *91.9 a g station in Lakeland FL. . . Also got a GA station on 88.1 with TT, 67 [WJSP-FM Warm Springs]." Some skip also heard in NW Indiana, and here in MN the band has been quiet except for several outbreaks of skip in July. TX heard July 1, 6 and 8, mostly in the evening. I enjoyed KNON *89.3 Dallas' spoof on "Christmas in July" on the program, "From the Book," underwritten by the Half Price Bookstores. Other states heard the night of July 8: NM and AZ. An Omaha reporter says "DX has been great. I should say E-skip has been great. May 31-June 30 had 16 days with Es at 88 mhz and above. I hit 1000 FM stations heard in June after three years," and this enthusiastic person is only 17 years old! As I type this I'm listening to a little monophonic pirate station about 12 km away, receivable only with a large outside antenna at that distance. I often check TV channels 2 and 3 for skip reception to see if there are horizontal lines disturbing the pictures from nearby stations; if so, it is possible for FM skip to occur, starting at 88.1 mhz and possibly working its way up the entire band.

FM FORUM

CONTRIBUTIONS FROM READERS

Mark Humphrey: "After waiting three years, Temple finally received a construction permit for 91.3 in Ocean City NJ. If their 1993 PTFP funding request is successful, construction will begin this fall. A two-hop microwave system will link the WRTI studios with the Ocean City transmitter site, which will be co-located with WBSS in Corbin City NJ. The WNJS-FM-TV tower in Waterford

Works will serve as the microwave repeater site. This will enable Temple to send separate programming to Ocean City part of the time. The WRTQ call letters will be assigned to the Ocean City station, now that the original 'WRTQ' CP for 88.1 in Harrisburg has been transferred to the University of Pennsylvania (it will become a repeater for WXPB Philadelphia)." Mark has left WRTI and is director of engineering at WPLY, "Y-100," Media-Philadelphia.

Robin Shelton sent copies of a discussion of my radios' and electronics services in "Prodigy" computer bulletin board. It was Mark Humphrey who answered an inquiry with my phone number and address.

On April 7 a bomb threat was received at the building housing WYNY 103.5 NY. The entire building was evacuated from 11:30 to 12:30 p.m., with the NY Post saying, "WYNY staffers had only moments to put in a pre-recorded tape which lasted an hour, leaving a half hour of blank air time." In Philly, John DeBella, whose audience on WMMR 93.3 was surpassed in the morning by Howard Stern on WYSP 94.1, has made the move to afternoons.

Reporting on an upcoming expansion at WPSU *91.1 State College PA is Ernest P. Maletto. WPSU plans a transmitter move to Lamont, a relay in Kane, and a translator near Altoona, plus a second station at State College which would be student-operated.

Here's background on the haircut story reported above. KSOL Morning people Mancow Muller and Chewy Gomez concocted the bit, but were suspended for a prank involving Mancow's getting a haircut on the San Francisco Bay Bridge. The haircut, which parodied Bill Clinton's L.A. airport caper, tied up bridge traffic four hours. The station claims it had no prior knowledge of the affair, and the station van was immediately impounded by the D.A.'s office.

The National Association of Broadcasters has come out against a waiver request by Satellite CD Radio for a satellite DAB transmission facility. It has asked the full FCC to take up the matter, rather than FCC staff. The NAB has long spoken for only terrestrial broadcasting, FM or DAB, not satellite.

"FM Gold" is the copyrighted station listing service for people playing their radios in or near airports. It's targeted at folks who rent cars at airports. "As very frequent airline travelers we have been looking for a convenient reference book or program that would provide us with

information on FM radio stations we could listen to, as we drove away from the many airports where we have landed."

this might come close. It's 170 pages of maps and station information by frequency drilled for use in a binder, and edited by

NPR FM Stations Received at BOSTON, MA (c) CR						
Freq.	Call	Format	City	State	Signal	Range
88.1	WMBR	Variety	Cambridge	MA	*****8	26 W / 16 E
88.9	WERS	Variety	Boston	MA	*****9	44 W / 38 E
89.7	WGBH	NPR	Boston	MA	*****9	97 SW / 72 NE
90.1	WMEA	NPR	Portland	ME	**2	221 NE / 11 SW
90.3	WZBC	Rock	Newton	MA	*****6	30 W / 9 E
90.9	WBUR	NPR	Boston	MA	*****8	72 W / 45 E
91.5	WMFO	Jazz	Medford	MA	***4	17 NW / 2 SE
91.9	WUMBFM	Variety	Boston	MA	*****7	25 SW / 10 NE
92.3	WPROFM	Hits	Providence	RI	***4	113 SW / 16 NE
92.5	WLYT	Soft Pop	Haverhill	MA	*****7	95 N / 37 S
92.9	WBOS	Rock	Brookline	MA	*****8	78 W / 51 E
93.3	WSNE	Popular	Taunton	MA	****5	103 SW / 26 NE
93.7	WCGYFM	Rock	Lawrence	MA	*****8	77N / 45 S
94.1	WHJY	Rock	Providence	RI	***4	105 SW / 19 NE
94.5	WZOU	Hits	Boston	MA	*****8	80 W / 52 E
95.3	WHRB	Variety	Cambridge	MA	*****7	25 W / 11 E
96.9	WCJY	E-Z Listen	Boston	MA	*****8	80 W / 52 E
97.3	WJFDPM	Variety	New Bedford	MA	**3	115 S / 14 N
97.7	WCAV	Country	Brookline	MA	**3	46 SW / 5 NE

Press any key to view additional stations ...

A sample screen of FM Gold database

The information is in a database requiring an IBM type computer to extract. Prices range from \$10 for a simple program to \$50 for those serving the travel industry. Al Hastbacka is the president, and you can get more information by calling (703) 281-9699 or writing Chatham Research, PO Box 439, Oakton VA 22124. I believe their demo disc is free. I have a couple but our second hand IBM compatible computer is down while the keyboard is repaired or replaced. Al even did one for the Duluth MN airport near me!

Still no new "FM Atlas," but I'm slowly making progress. New maps of TX, Mexico, ID, MT, WY, WI and most of CA are in the works. I don't know what to do with Puerto Rico, now occupying half a page by itself. Any suggestions? And nobody's offered to go through the list of Family Radio translators to compare what that list shows with my FM Atlas. There may not be an August FMedia! if I am close to the deadline and need extra time to get the new book out. The book will probably have 208 pages, along with a higher selling price.

"WWRB" (formerly "WBLZ") continues to broadcast in Cloquet MN, heard well throughout the town most of the time on 107.7 now that school is out. The owner of Miller Transmitters is soon moving to Mankato, and will probably take along his broadcast equipment. His station sometimes rebroadcasts other FM stations in stereo and with SCS, or plays tapes monophonically, mostly urban music.

While I'm plugging things, the National Radio Club's AM Station Map Book is ready. Some people have asked about an AM station version of the FM Atlas, and

the counties from which FM and AM stations broadcast. Very well organized, and only \$8.95 per copy from PO Box 164.

An offended listener to NPR's "All Things Considered" can't get sympathy from the FCC or the courts, according to information forwarded by Alex Nardacci. On Feb. 28, 1989, NPR broadcast a foul-mouthed interview featuring cursing by John Gotti. Peter Branton of Lookout Mountain TN was offended by the broadcast and filed a complaint with the mass media bureau of the FCC. The bureau took no action on the complaint, saying the tape was part of a "bona fide news story." Branton got nowhere with the U.S. DC Court of Appeals. The court said for Branton to have "standing," he'd have to show he was injured by NPR's conduct and that the relief he sought—the FCC taking action against NPR—would redress that injury. Branton's attorney, Ronald D. Maines, a communications lawyer, said "He just felt Gotti's language was inappropriate to be broadcast at 6 o'clock in the evening. It was pretty graphic." The decision by the court focused on procedure—whether Branton could challenge the FCC decision—rather than on the indecency rules.

From the funnies: Archie is listening to radio in the garage. "Achy Breaky Heart" ends, then "the all-new FM-104 rock'n'roll," and then "classic 104" with Mozart. "All talk 104," then "oldies 104." Jughead comes in and asks, "What are you listening to?" Archie: "Hard to say—I can't keep up with the format changes." The radio: "We will join the Howard Stern Show now in progress."

Until another 1½-2 months,

Barney D. Young

The FM radio newsletter

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†No issue the month the "FM Atlas" goes to press; FMedia! averages 11 issues per year.

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- MS FOREST WQST 92.5 TO BECOME NONCOMMERCIAL, WAFR AFFILIATE, P. .
- INTEREST IN AMAX-CERTIFIED AM RADIOS LAGGING. AMAX HAUNTED BY A PUBLIC PERCEPTION THAT AM RADIO IS INFERIOR. SEE P. .
- INFINITY BROADCASTING CORPORATION HIT WITH \$500 K FINE BECAUSE OF STERN ANTICS. ANTE NOW OVER \$1 MILLION FOR INFINITY. READ ABOUT IT ON P. .
- MOBILE RECEPTION TEST OF EARLY RURAL RADIO NETWORK INCLUDED CUMBERSOME 110-VOLT POWER SUPPLY IN A TRAILER BEHIND THE TRUCK. THAT AND OTHER HISTORIC MATERIAL ON P. .

New FM Station, Translator Grants

Translators have less than 100 watts unless indicated otherwise

- AL Ozark W219BD *91.7 (WAFR 88.3 Tupelo MS), h,v [Bethel AK, h,v]
- AK Aniak K220EA *91.9 (KYUK AM/AR Danville 105.5 1900h,v; 177 m, Susan Lynn Adair [ding], h,v)
- CA Bieber K216CW *91.1 (KFPR 88.9 Red-/CA Burney K220EB *91.9 (KFPR), v only
- CA Columbia 98.9 300h,v; 440m, Gold Country Radio
- CA Dunsmuir K220EC *91.9 (KFPR)
- CA Mineral K214BQ *90.7 (KFPR)
- CA Redding K270AA *101.9 (KLVN 91.9 Santa Rosa), 250 v [Redding], v
- CA Susanville K214BR *90.7 (KFPR 88.9/CA Temecula 94.5 280 h,v; 250 m, Artistic Airwave Bcstrs. [Redding], v
- CA Yreka K214BS *90.7 (KFPR 88.9/CO Breckenridge K300AE *107.9 (KWBI 91.1 Morrison), h,v
- CO Rifle (east side) K272DL 102.3 (KJYE 92.3 Grand Junction, via K276-- 103.1 Rifle)
- CO Silverton 103.7 26000h, -582m, Kenneth B. Kendrick, replacing KDFM
- CA Vacaville K228DM *93.5 (KCJH 90.1 Stockton), h,v [den], h,v
- CT Storrs W258AC *99.5 (WPKT 90.5 Meri-/FL Crystal River W215AJ *90.9 (WKES 101.5 St. Petersburg)
- IL Ottawa *88.9 3000h,v; 140m,g, Cornerstone Community Radio [ville KY]
- IN Mitchell W210AV *89.9 (WJSO 90.1 Pike-/IN New Albany W284AD *104.7 (WJYL 88.3 New Washington IN), h,v
- IN Union City *88.9 3500h,v; 99m, g, Positive Alternative Radio, Inc.
- KS Arkansas City 102.5 6000h,v; 74m, Robert V. Clark [er Bcstg. Corp.
- KS Downs 94.1 28000h,v; 89m, Hoeflick-/KS St. Marys 102.9 50000h,v; 150m, Shawnee Bcstg. Corp. [pel o MS], 250 h,v)
- LA Ruston W202AT *88.3 (WAFR 88.3 Tu-/MI Mio WCLX 93.9 50000h,v; 132m, Todd A. Mohr [Duluth], h,v
- MN Lutsen W219BY *91.7 (KDNW 97.3/MN Slayton 103.1 3000h,v; 82m, Wallace Christensen [Platte], 250 h,v
- NE Max K227AC *93.3 (KPNE-FM 91.7 North/NJ Montague WSUS-1 102.3 booster of Franklin NJ station, reinstatement of permit and applies for license to cover CP
- NM Hobbs 96.5 3000h,v; 91m, Ojeda Bcstg.
- NM Montoya (west of Tucumcari) K214BT *90.7 (KENW-FM 89.5 Portales), 160 h
- NY Lyons Falls (between Boonville and Lowville) W240AU *95.9 (WMHR 102.9 Syracuse), h,v
- NY Middletown W229AA 93.7 (WBWZ 93.3 New Paltz), h,v
- NY Southampton *89.9 5000h,v; 94m, CT Public Broadcasting Corp. FCC also granted 89.9 to nearby Noyack to Sacred Heart U., but I am holding that in abeyance, since the

- FCC did not announce an alternate channel or time share arrangement for the two; Sacred Heart is the permittee of a high powered translator or. *103.3 in Noyack.
- NC St. Pauls *107.7 3000h,v; 100m, Lumbee Regional Development Assn.
- ND Emerado (Grand Forks Air Force Base) K293AC 106.5 (KCGN-FM 101.5 Ortonville MN), 250 h,v
- ND Wishek 100.3 100000h,v; 119m, Stolee Communications, Inc.
- OR Cottage Grove K223AC 92.5 (KKNV 93.1 Springfield OR), 250 h,v [M. Bell
- OR Rogue River 94.7 130h,v; 623m, Shirley/PA Pottsville W256AB *99.1 (WRTY 91.1 Jackson Township), 100 h,v
- SC Ladson 106.3 3000h,v; 100m, Thomas B. Daniels
- TN Dyer 94.3 6000h,v; 100m, F. Darrell Boyd
- TN Gallatin W230AD *93.9 (WNAZ 89.1 Nashville), h,v
- TN Lebanon W270AB *101.9 (WNAZ), h,v
- TX Goliad 95.9 6000h,v; 100m, Cinco de Mayo Bcstg. [San Francisco CA], v
- TX Horizon City K219BX *91.7 (KEAR 106.9/TX North Richland Hills (Fort Worth) K217BS *91.3 (KNYD 90.5 Broken Arrow OK), 170 h,v [Salt Lake City], v only
- UT Huntsville K209BG *89.7 (KUER 90.1/UT Ticaboo K201CF *88.1 (KUER), v
- VA Blacksburg W273AA *102.5 (WBKW 91.5 Dublin VA), h,v
- VA Fort A. P. Hill KTRK *89.9 150h, 18m, on air, "oldies mix," with "no rap, heavy metal, newwave or punk. Selective urban hits, about one per hour." Can have "K" call letters because the U.S. government is not bound by the Mississippi river W-K convention. "Station is owned by the army and used to train military student-announcers for AFRTS assignment. [It is] not an AFR station, rather a CONUS "military" radio station. Station operates on a permanent 10-second delay to protect the students should they wish to take back a misspoken remark or "off-color" joke. . . Installed in a Ford F455 truck, hence the nonID, "The Truck". Vehicle was featured in a Radio World article, 6-9-93." Story sent exclusively for FMedia! newsletter."
- WA Castle Rock KAZL 107.1 720h,v; 510m, rm, Armak Broadcasters, Inc., owners of KBAM AM Longview
- WI Birnamwood 92.9 6000h,v; 100m, Pacer Radio of Mid-WI [W. Radio Co.
- WI Wautoma WAEI 93.1 3000h,v; 100m, WY Cody K233AC *94.5 (KCZP 90.3 Casper)

- AK Houston 94.3 KADZ
- AL Ozark 103.9 WQLS-FM (WQLS)
- AZ Bisbee 92.3 KWCD (KZMK)
- AR El Dorado 96.1 KBYB (KBLT), k, "B-96"
- AR Marshall 104.3 KBCN-FM (KZRO), AM is in Fairbanks AK, k
- CA Felton 93.7 KAEA
- CA Madera 92.1 KZFO (KXFI-X)
- CA Red Bluff 102.7 KZAP (KFXS), op, duopoly with KNCQ 97.3 Redding
- CA Rosamond 93.5 KLKX (KPKD), to 63m (3000h,v)
- CA Shafter *90.9 KLOD, to 13500h,v; 81m
- CA Tulalake 96.5 KFLS-FM (AM is in Klamath Falls OR)
- FL Fort Lauderdale 106.7 WTPX (WJQY), "Tropics 106.7," Ir, with an "Anglo/ethnic mix"
- FL Jupiter 105.5 WJADY
- FL Union Park *88.3 WEAZ
- GA Cleveland 101.9 WCGX (WGZM)
- GA Ringgold 101.9 WSGC-FM (WSGC); AM is in Kaukauna WI
- GA Sparta 97.7 WMGZ (WSKS)
- IN Corydon 107.7 WAEJ
- IN Elkhart 104.7 WFRN-FM (WFRN)
- IN Indianapolis 104.5 WJRL (WJJC)
- IA Des Moines 107.5 KKDM (KACX)
- IA Epworth 97.3 KWYY
- IA Hampton 104.9 KLMJ (KWGG)
- IA New Sharon 99.9 KCWN
- IA Parkersburg 104.9 KRNO (KARP)
- IA Stuart 107.9 KKRF (KAGD), k
- KS Andover 93.9 KOAS
- KS Girard 99.1 KSEK (KYPG)
- KS Topeka 99.3 KWIC (KESC)
- KS Wichita *91.1 KCFM (KZZD)
- KY Fort Knox 105.5 WLKV (WJAE), k
- KY Manchester 103.1 WWXL'-FM' (WWXL-FM); AM gets new calls)
- KY Radcliff 103.5 WASE (WLVK), o, LMA with WLVK Fort Knox
- LA Port Sulphur 106.7 KGTR (KQLD), k, "Gator 106.7," LMA-to-buy with WNOE-FM 101.1 and AM New Orleans
- ME Pittsfield 99.5 WPBC (WFOV), not yet on
- MI Bay City *89.1 WTRK [Country"]
- MI Detroit 99.5 WYCD (WOWF), "Young/



Call Letters Assigned or Changed

- AL Oxford *91.3 WTBG (from WADP)
- AK Fairbanks 101.1 KAKQ-FM (KAKQ)

MI Mackinaw City 94.3 WFGE (WSSW)
 MI Oakland *88.3 WAEK
 MI Sandusky *90.7 WNFR
 MI Tawas City 107.3 WHST (WDBI)
 MN Hibbing *90.1 KADU
 MN St. Joseph 92.9 KJMJ
 MO St. Louis 102.5 KEZK'-FM'' (KEZK-FM;
 AM in Wood River IL gets new calls)
 MO Springfield 98.7 KWTO-FM (KKHT), still r
 NY Essex 101.3 WDOT (WVZM)
 NY Plattsburgh 105.1 WAEW
 NY Westhampton 98.5 WAEP
 NC Harkers Island 100.3 WAED
 NC Wilmington *90.5 WKQK (WMLL)
 OH Delhi Hills *90.1 WAEH
 OH Oak Harbor 97.3 WJZE (WFUA)
 OK Lahoma 95.7 KMKZ (KACL)
 OK Lawton 94.3 KZCD (KQLI), k
 OR Halfway *91.7 K21780
 OR Pendleton 107.7 KUMA-FM (KSXM)
 PA Bedford 100.9 WOOX (WRAX), to 190 h,v;
 390 m, o format [tain FM"]
 PA Johnstown 96.5 WMTZ (WKQS), "Moun-/
 TN Spencer 107.3 WVEE (WZJP)
 TX Amarillo *88.3 KJRT
 TX Big Spring 94.3 KBTS
 TX Lampasas 98.9 KUTZ (KLTD), "98-9 Z
 Rock" [as shown in July, p. 2, col. 3)
 TX Ozona 94.3 calls are KYXX (not "KRXX,"/
 TX San Antonio 107.5 KXTN-FM (KXTN)
 UT St. George 99.7 KSGI-FM (KFMD)
 UT Tremonton 105.1 KNFL-FM (KGSC), k,
 (soft country), part of a duopoly with KVEZ
 103.9 Smithfield, UT; correct town spelling
 p. 185 FM Atlas-14.
 VA Cedar Bluff 107.7WBBY (WJHT)
 VA Culpeper *89.9 WPVB (not WVPB, which
 remains on 91.7 in Beckley WV)
 VA Edinburg *88.3 WOTC
 VA Winchester 102.5 WUSQ'-FM'' (WUSQ-FM
 AM gets new calls)
 WI Lake Geneva 96.1 WAEM
 BC Chilliwack 107.5 CKSR-1 (CFSR)
 ON Thunder Bay *88.3 CBQ (CBQT)
 *101.7 CBQT (CBQ), apparent changes
 PQ Etchemins 100.5 CFIN, Community Radio,
 "serving the south Quebec City region"

Facilities Changes Granted

AL Hartselle WTAK-FM 106.1 4800 h,v; 230 m,
 C3 [ing from Marion, 97.5)
 AL Orrville WJAM 97.3 3700 h,v; 128 m (mov-/
 AL Thomasville WJDB-FM 95.5 (from 95.3)
 9600 h,v; 160 m, C3
 AK Anchorage KATB *89.3 4900 h,v; 202 m,
 adds vertical [K278-- 103.5)
 AZ Bullhead City K223AA 92.5 (from/
 AZ Holbrook KZUA 92.1 100000 h,v; 81 m, C1
 AZ Yuma K220DU *91.9 (from K217AW 91.3)
 AR Barling KOLX 94.5 (from 94.3) 31000 h,v;
 153 m [m, C3
 AR Bentonville KOLZ 98.3 10600 h,v; 152/
 CA Bridgeport K299AF 107.7 110 watts v
 CA Copperopolis KREL 105.5 1000 h,v; 238 m
 CA Idyllwild KATY 101.3 223 m (1150 h,v)
 CA Santa Rosa KZST 100.1 74 m (3000 h,v)
 CA Seaside KLMY 103.9 (from 103.5)
 FL Bonifay WTBB 97.7 253 m (92000 h,v)
 FL Macclenny WJXR 92.1 25000 h,v (100 m),
 C3
 FL Palatka *91.3 (from 91.9) 2500 h,v; 45 m
 FL St. Augustine WAYL *91.9 57 m (3000 h,v)
 FL Sebring WCAC 105.5 5000 h,v (100 m)
 FL Williston WFEZ 101.3 (from 92.1), sr, \$,
 returns to air
 GA Blue Ridge WPPL 103.9 6000 h,v; 78 m

GA Leesburg WEGC 103.5 12400 h,v; 141 m
 GA Ocala WLFP 98.5 6000 h,v; 100 m
 HI Honolulu KHNR 99.5 15000 h,v; 606 m
 ID Eagle KRVG 107.9 45000 h,v; 818 m, C
 IN Brownsburg WQFE 101.9 3000 h,v; 92 m
 IN Lagrange WYPI 105.5 3600 h,v; 130 m
 IN Richmond W237AT *95.3 (from W210AB
 89.9)
 IA Boone KRUI 98.3 50000 h,v; 150 m, C2,
 transmitter 4.6 km SW of Sheldahl IA, to
 serve Ames, Ankeny, Des Moines, Gilbert,
 Jefferson, Perry, West Des Moines
 KS Norton KQVW 106.7 3000 h,v; 95 m,
 downgrade to Class A
 KY Morehead WMKY *90.3 37000 h,v; 273 m
 LA Oakdale KICR-FM 98.7 34000 h,v (173 m)
 ME Portland WMEA *90.1 24700 h,v; 578 m
 ME Howland WSNV 103.9 53000 h,v; 460 m,
 d-a, null at 0°
 ME York Center WCQL-FM 95.3 1350 v (1420 h,
 208 m)
 MA Amherst WRNX 100.9 1300 h,v; 211 m
 MA Cambridge WMBR *88.1 1720 h,v; 90 m
 MA Concord WIQH *88.3 100 h (7 m)
 MA Provincetown WOMR *92.1 (from 91.9)
 6000 h,v; 100 m. "This applicaion was acted
 upon within a couple of months, and met
 with approval all the way. I believe our
 congressman, Gerry Studds, had something
 to do with the speed of this grant!"
 MA Webster WXXW 98.9 2400 h,v; 110 m
 MI Leland WTRV 94.3 15000 h,v; 130 m
 MN Mankato KYSM-FM 103.5 100000 h,v; 165
 m, adds vertical [(198 m)
 MN North Mankato KDOG 96.7 4000 h,v/
 MS Brookhaven WBKN 92.1 5200 h,v (107 m)
 MS Hattiesburg WJMG 92.1 6000 h,v (91 m)
 MO Cameron KDEE 100.1 (from 92.3) 50000
 h,v; 150 m, C2
 MO Clinton KDCK-FM 95.3 25000 h,v; 100 m
 MO Huntsville KTDI 103.5 (from 92.5) 50000
 h,v; 150 m, C2
 MO Lutesville KQUA 104.1 (from 105.1)
 MO Marshall KMVC *91.7 (moving back to,
 from 93.1) 3000 h,v; 140 m, adds vertical
 MO Poplar Bluff KZMA 103.5 102 m (50000
 h,v)
 MO Potosi KHCR 97.7 9100 h,v; 163 m, C3
 MO Seligman KESE 93.3 100000 h,v; 142 m, C1
 MO Sharon KTRX 93.5 11000 h,v (149 m)
 MT Bozeman KZLO-FM 99.9 103 m (100000
 h,v)
 MT Missoula KMSO 102.5 14000 h,v; 533 m
 NE Omaha KKCD 105.9 40000 h,v; 166 m, C2
 NH Winchester WXDD 98.7 1750 h,v; 187 m
 NY Bridgeport WTKW 99.5 5700 h,v (97 m)
 NY Patterson WMJV 105.5 900 h,v; 186 m
 NY Stony Brook WUSB *90.1 4000 h,v; 155 m
 ND Bismarck KBMX 101.5 (previous grant on
 97.5 rescinded) 301 m (100000 h,v)
 OH Dayton WDPS *89.5 6000 h,v; 64 m
 OR Cottage Grove K230AD 93.9 (from K265CX
 100.9)
 PA Nanticoke WYOS 92.1 280 h,v; 322 m
 PA Sharon WYFM 102.9 44000 h,v (140 m)
 SC Pageland WMAP-FM 102.3 6000 h,v; 89 m
 SC St. Andrews WMFX 102.3 6000 h,v; 100 m
 TN Calhoun WCLE-FM 104.1 6000 h,v; 100 m
 TN Carthage WUCZ 104.1 6000 h,v (100 m)
 TN Jackson WMXX 103.1 35000 h,v; 176 m, C2
 TX Fort Worth KEGL 97.1 98600 h,v; 487 m
 TX Midland KQRX 95.1 10400 h,v; 154 m
 TX Santa Fe KFTG *90.5 6000 h,v; 185 m,
 granted extension of time to build
 UT Washington K300AC *107.9 (from K296DP
 107.1) [95.3) 25000 h,v; 86 m, C3
 VT South Burlington WXXX 95.5 (from/
 WA Aberdeen KAYO-FM 99.3 39000 h,v; 432 m,
 C1 [*90.5 37 m (3000 h,v)
 WA Chehalis KACS/ [h,v; 269 m, C3
 WA Yaki ma KZTA-FM 99.7 (from 99.3) 3500/
 WV Webster Springs (new) 100.3 (from 92.5)
 1900 h,v; 178 m
 PR Luquillo WZOL 92.1 1100 h,v, d-a; 279 m
 ON Niagara Falls CFLZ *91.9 8 watts vertical,
 with programming originating at CJRN (AM)
 there. CJRN was also permitted to continue
 programming sister station CKEY 101.1 Fort
 Erie. "Plans to build new studios at Fort Erie
 have been folded," according to Broadcast

Technology magazine.
 YU Merida CHNR1 is on 93.7, not 95.7, as shown
 in July, p. 3, col. 2

Stereo—or to be Stereo

AR Wrightsville KYTN 107.7
 FL Holmes Beach WISP 98.7
 FL Lecanto WLMS *88.3
 FL Tampa WBVM *90.5
 IL Oglesby WZLC 102.1, parallel to WGLC-FM
 100.1 Mendota, "100.1+102.1" (WGLC-FM
 had been "G-100")
 IL Pittsfield WIPA *89.3, d-a, parallel to WSSU
 *91.9 Springfield, both stations signing off at
 midnight
 KS Seneca KMZA 92.1, parallel to KNZA 103.9
 Hiawatha KS, at least part of the time.
 LA Breaux Bridge KFTE 96.5, ID with Lafayette.
 "Beautiful music as KDEA 99.1 once was.
 This long dormant CP has its transmitter at
 Youngsville, about midway between New
 Iberia and Lafayette. Good voices, good
 music, few spots."
 LA Coushatta KSBH 94.9, ID with Mansfield;
 same service promoted as being on 92.1, most
 likely KVCL-FM Winnfield
 LA Larose KLRZ 100.3, "Z-Rock" (strict), r,
 but does its own programming, not the
 "Z-Rock" satellite signal. "A professional-
 sounding station."
 LA Many KWLJ 107.1, "America's best
 country" [AM Crowley
 LA Rayne KCRL 106.7, relays KSIG/
 ME Harspwell WMSJ *91.9 from Bailey Island,
 getting well into Portland. "It sounds good
 with just a CRL stereo processor in line with
 the CRL stereo generator." They have the
 console from the former WMOS *95.3
 Brunswick ME.
 MI Lakeview WPLB-FM 106.3
 MN Preston KFIL-FM 103.1, finally, but station
 makes no mention of its stereo, so I wonder if
 it is only testing out stereo?
 NJ Asbury Park WJYG *88.1, but "signal at five
 miles iffy at best" [97.5 Bend
 OR Prineville K240- 95.9, relaying KNLR/
 OR Tri-City KKMx 104.3
 SC Hardeeville WLHV 101.1
 WI Lomira WFDL 97.7
 WI Sturtevant WZXA 104.7, "Sunny 104.7"
 (strict), ID with Racine
 ON Leamington CHYR 96.7, rebroadcasting AM
 710 "in glorious stereo. Decent signal here in
 Warren, just north of Detroit city limits, a
 little stronger than CKSY 95.1 Chatham.
 Occasional announcements that 'this is a
 test'. Station announces as 'Cheer Country 7,
 710 CHYR' and 'Cheer Country. . . We are
 testing our new sound on 96.7 in the FM
 band'. They are giving advice on how to
 switch your radio from AM to FM by calling
 326-6171." Its tests run about 12 hours a
 day, silent mornings and early afternoons.
 PQ Joliette CJLM 103.5
 PQ Levis CFLS 102.9
 PQ St-Jean-sur-Richelieu CFZZ 104.1, "transmit-
 ter on St-Gregoire Mtn."
 Monophonic
 LA Haynesville KWHN-FM 105.5 still mono (its
 AM affiliate on 1580 long silent). Listed as
 having studios in Shreveport, "but its signal is
 amazingly weak. I could barely pick them up
 on the west end of Shreveport on the very

good car radio. They were black gospel, mono. Then, too, they're caught between the "Kicker" powerhouses on 105.1 and 105.7 in Lufkin-Longview, both of which come into Shreveport very well."

- LA Dry Prong KVDP *89.1 mono, remove \$ listing. Has not activated CP to raise height.
- LA Lafayette KSJV *90.9 still mono
- KRRQ 95.5 not even mono, remove \$, format listing. Is off air; earlier report of it being heard may be in error.
- WA Seattle KIRO-FM 100.7 still mono, but "in pseudo-stereo. 38 kHz pilot is there but programming is in mono. Waste of RFI"
- BC Boston Bar CKGO-1 106.1, "rebroadcasts an AM station"

Format Changes

Formats are the same as in the "FM Atlas"

- AL Valley WRLD-FM 98.1 op, "The World"
- AK Kodiak KJZZ 101.1 r, still mainly oldies, but playing the "best of 50s through 90s," including many currents. "Had been simulcasting KVOK AM, which is back on, most of the time, including overnight when they both relay KENI AM 550 Anchorage."
- AR Hoxie KHGX 105.3 r
- AR Magnolia KVMA-FM 107.9 r, "all hit radio." "With a better transmitter location and higher power, they could put out a very good signal into north Louisiana." They are h-only, so car reception could be comparatively poor.
- CA Anderson KEWB 94.7 k
- CA Cartago KWTY 102.9 t, monophonic
- CA Eureka KECU 105.5 nt, mono
- CA Gualala KWAN 100.5 rm
- CA San Diego KCBQ-FM 105.3 still o, but now plays '70s-'90s oldies
- CA Santa Paula KXBS 96.7 op
- CA Arcadia WKGF-FM 98.3 gr
- FL Dade City WBSB 96.1 rm, "B-96," co-owned with WPAS AM Zephyrhills FL
- FL Palm Bay WEJF *90.3 g, southern gospel
- FL Perry WNFK 105.5 kt, "K-105"
- GA Brunswick WBYB 100.7 gr
- GA Cornelia WCON-FM 99.7 k
- GA Hogansville WEIZ 97.5 k
- GA Smithville WZLQ 106.9 k, "Z-107"
- GA Thomaston WTGA-FM 95.3 k
- ID Sandpoint KJDE 102.5 k, expected to change its call letters
- IL Aurora WKKD-FM 95.9 o, parallel to AM
- IL Bushnell WLMD 104.7 k, \$
- IL Elmwood WFYR 97.3 k, LMA with WGLO 95.5 Pekin
- IN Muncie WLBC-FM 104.1 rm
- IN Richmond WQLK 96.1 k, "Ki x 96"
- WFMG 101.3 o

COUNTRY 103

KDMG

- IA Burlington KDMG 103.1 k, "Country 103"
- KS Hugoton KFXX-FM 106.7 k
- KY Hartford WLLS-FM 106.3 rm
- KY Paintsville WKLV-FM 94.7 rm
- KY Paducah WDDJ 96.9 r
- LA Erath KPEL-FM 107.7 nt, uses calls, not "K-Pal"; has ABC and CNNs, "Acadia's only 24-hour news station"
- LA Farmerville KWJM 92.7 k
- LA Lafayette KTDY 99.9 r, "Today's Hits"
- LA Marksville KAPB-FM 97.7 k
- LA Moreauville KLIL 92.1 o
- LA New Orleans WRNO-FM 99.5 op, with a new owner "and carries you-know-who mornings" Reserve WADU-FM 94.9 b, "a true b station. I talked to the owner—it's a husband and wife team—who told me it's tough selling the commercials."
- LA Ville Platte KVPI-FM 92.5 o. "It moved from its old 93.5 so that KDEA 93.7 New Iberia could go to Class C1."

- MD Baltimore WBJC *91.5 c
- MA Falmouth WFAL 101.1 k, parallel to WFXR 93.5 Harwich Port, and in an LMA-to-buy with WCOD 106.1 Hyannis
- WCIB 101.9 k
- MA Harwich Port WFXR 93.5 k [(strict)]
- MN Blue Earth KBWE-FM 98.1 k, \$, "98.1 FM"/
- MN Forest Lake WLKX 95.9 k
- MN St. Peter KRBI-FM 105.5 rm
- MS Forest WQST-FM *92.5 g, transfer to American Family Association, becomes non-commercial
- MS Leland WIIQ 102.3 rm
- MS Rosedale WMJW 107.5 rm, "Magic"
- MO Hannibal KGRC 92.9 rm, uses calls, "Variety 93, KGRC," no longer "Music 92"
- NV Ely KELY-FM 101.7 k
- NV Tonopah KHWK 92.7 r, SMN Hot AC
- NJ Newark WNWK 105.9 e, loses Radio Free New York. The 6-9 a.m. show couldn't pay its way, even though enough advertising money was pledged (\$45,000 per month) to keep it afloat. "Trouble is, they hit a 'cash flow situation' with collection, and when the investor cash ran out, they fell four weeks behind on the rent. Bye-bye." Morning hours now Caribbean.
- NY Copenhagen WWLF 106.7 r
- NY New York WSKQ-FM 97.9 still S, I, but emphasizing tropical/Salsa to appeal to NY's large population from the Caribbean islands and Colombia. "We're not targeting everyone, but we're going after the majority of Hispanics in the New York area."
- NY Schenectady WMHT-FM *89.1 still c, adds NPR, mainly for its arts package. It has been forced to have an extra fund drive this summer to make up a \$25000 shortfall.
- NC Roanoke Rapids WZRZ *88.5 st, programming to its largely black audience as well as to other groups, plus a reading service to the blind, which may migrate to itsCS. Sign on expected by February.
- OH Hubbard WRBP 101.9 sr, "Cool 102 Jamz"
- OH Ripley WAOL 99.5 o, all Elvis Presley, with about 650 titles to choose from
- OH Columbus WCBE *90.5 ef, has "Global Village" mornings, followed by "World Cafe" from WXPN Philadelphia, then alternative rock, reggae, folk in the afternoon, and "Echoes" (new age) from NPR in the evening. No classical any more. "A very good station."
- OK Alva KXLS 99.7 r, SMN Hot AC
- OK Spencer KROU *105.7 cj, now 100% duplication of KGOU *106.3 Norman
- OR Phoenix KROG 105.1 r, "K-Rogue," ID with Ashland-Medford-Grants Pass
- PA Beaver Springs WWBV 106.1 r, "V-Rock" (from "V-106.1")
- PA Lewisburg WUNS 96.3 r, "V-Rock" (from "U-96.3"), simulcast with WWBV
- PA Sellersville WBVO *88.9 g, monophonic; had been off the air
- SC New Ellenton WAJY 102.7 talk (Unis., CBS, BRN) with Don Imus (now re-hospitalized in NY with a lung ailment; he's vowed to "quit smoking"); Howard Stern says "I hope he dies"), Pat Buchanan and Pete Rose, remove \$ listing
- SC Saluda WJRO 92.1 ks
- SD Rapid City KOUT 98.7 k, "Kat Kountry," LMA-to-buy with KGGG 100.3, KIMM AM
- TN Jefferson City WNDD 99.3 k
- TN Soddy-Daisy WFXS 102.3 op, plus Ron & Ron mornings
- TX Belton KOOC 106.3 rm, "Mix" (from "Double O Country," LMA continues with KOOV 103.1 Copperas Cove)
- TX Del Rio KTDR 1, "CHR in the drives, Rush in middays and Tejano nights"
- TX Denison KTCY 104.9 rm, had been simulcasting KDSQ 101.7 Denison
- TX Diboll KAFX-FM 95.5 m
- TX Seguin KSMG 105.3 r, "gold-based AC"
- TX Woodville KVLL-FM 94.7 k. Simulcasting

- AM station temporarily in mono, but "we are getting very close to the official change to 'Lakes Country V 94.7.'" It will operate from 5:30 a.m. to midnight.
- UT Ogden KKBE 95.5 gr
- UT Price KPRQ 100.9 o
- UT Smithfield KVEZ 103.9 kr
- VT Waterbury WGLY 103.3 gr
- WA Mercer Island KMIH *104.5 p, modern rock
- WA Prosser KZXR 101.7 r
- WA Seattle KUBE 93.3 r, drops dance/urban
- KLTX 95.7 rj, soft jazz evenings, still "K-Lite" (strict) [dropped dance/urban
- KPLZ 101.5 rs, now that KUBE 93.3 has/
- WI Adams WDKM 106.1 k, to ID with Friendship, expected on by Sept. 1, "although I really don't think it will be"
- WI Platteville WKPL 107.1 k, "K-107"
- WI Sheboygan WWJR 93.7 k, uses calls, "JR 93.7, WWJR." "It doesn't cover as much as when it was 97.7..."
- WI Tomah WZFR 94.5 rm, "The Zephyr." Back to its previous format.
- WY Sheridan KWYO-FM 96.5 o
- BC Victoria CFMS 98.5 m. "Now that they and CHQM-FM (103.5) are both boring soft adult-contemporary, that leaves CKSR [Abbotsford] 104.9 as the only b station in southwest B.C." [and '80s
- PQ Quebec CJMF 93.3 b; was rock in the '70s/
- PQ Quebec CHOI 98.1 rp, "le son solide comme le rock," or "the sound hard like rock." It started as CHRC-FM in the '40s and for the next 40 years was classical, then "it changed to British rock, and after that relaxing music."

On Air and DX Ready (Selected)

- AK Chevak KCUK *88.1, "mostly relaying KDLG AM 670 from Dillingham, similar to KUHB FM at Saint Paul island—but they do some limited, local broadcasts for Chevak."
- CO Telluride KOTO *91.7, struck by lightning July 12, now at only 10 watts instead of their full Class A
- FL Crystal River WKTK 98.5, but may lower power temporarily as it replaces a damaged antenna and top section of its tower after a small plane clipped a guy wire and caused the deaths of all five in the plane.
- ME Blue Hill WERU *89.9, but at reduced power after lightning hit, running about 1000 h,v (instead of 15200 h,v)
- NE Lincoln KEZG "EZ 107" ratings are "down," while those of KFGE, "Froggy 105.3," are up. KFGE is in a square brick building painted white with a red, elaborate tube-like lighted canopy leading to the front entrance. "You'll have to see it to believe it!" Still licensed to Lincoln is KYNN-FM 101.9, with its tower remaining at Eagle River NE, but which has moved its studio to Omaha. Moving "hasn't done them any good."
- NY Glens Falls WYLR 95.9 and WWSC AM seek federal bankruptcy protection, but still on the air. Ad revenues were \$753,392 in 1990, down to an estimated \$484,000 in 1992. This station joins several others in the market seeking bankruptcy protection, "including such notables as WGY (AM) and WQBK-FM" 103.9 and AM.
- TX Austin KMFA *89.5 now 65000 h,v (from 6500 w). "Our goal was to regain some coverage area lost to interference from



short-spaced stations; improve signal quality in our existing coverage area; and to protect our existing coverage area from further interference by stations which would have been allowed to 'drop in' under current FCC rules." On 6 a.m. to 1 a.m. daily.



P.O. Box 459 Woodville, Texas 75379

WI Platteville WSUP *90.5 still on, but heard signing off at 2 p.m. on a Tuesday. "Strange time!"
 WI Prairie du Chien WPRE-FM 94.3, still mono, but on with C3 facilities and notable improvement in its signal.
 WI Sun Prairie WMAD-FM 92.1 back on, \$, p, "says calls often, plus 'the cutting edge of rock'."
 ON Huntsville CBCO- *94.3
 ON Orillia CBCO *91.5 testing; still on *105.9 until tests complete
 ON Penetanguishene CBCM *107.5, "but seems to be lower power"
 PQ La Pocatiere CHOX 97.5
 PQ Village des Hurons CIHW 100.3, Indian Community Radio

Off Air—or Not Yet On

AK Anchorage KRUA *88.1, KATB *89.3, both evicted from subdivision; tower dismantled. KRUA reassembling antenna in Eagle River area, with signal to be cut off to South Anchorage because of terrain shielding. KATB moving to Bear Valley in South Anchorage. Both stations expected back on shortly. [return Oct. 1]
 AK College KSUA 103.9, but expected to/
 GA Irwinton WVXK 103.7
 GA Jeffersonville WVST 93.7, nor on its former 97.5 frequency [be off]
 GA McDonough WMVV *90.7 continues to/
 GA Milldegeville WXGC *88.9, and lacking a telephone listing
 GA Montezuma WLML 92.5, and no phone
 GA Warner Robins VYIQ 102.5
 GA Zebulon WEKS 92.5 [rm format
 IL Morris WJDK 103.1; had been reported as/
 IL Spring Valley WAIV 103.3
 IA Eagle Grove KJYL *100.7
 KS Topeka KBUZ *90.3, KIWC 99.3
 KY Greenville VVWHK 105.5
 LA Alexandria KYFE *91.7
 LA Buras KMRL *91.9, owned by KVDP 89.1 Dry Prong
 LA Folsom KGZC 104.9
 LA Lacombe KPXF 94.7
 LA Lafayette KSJY *90.9
 ME Dennysville WVZD 102.9
 ME Fairfield WEZO 93.5
 ME Kennebunkport WXPT 104.7
 ME Machias WALZ 95.3 (and AM)
 ME Madison WHAA 97.5, but granted a CP extension
 ME North Windham WVVH 106.7
 ME Old Twn WUMC 107.3
 ME Topsham 95.5 WPME
 NE Wayne KWSC *91.9 for the summer. "We were hit by lightning, and we will have to get an engineer in so that the station can resume broadcasting this fall. The college does not pay for a faculty director during the summer."

PA Covington WDKC 101.5, but heard testing in late June and early July with WZKZ 106.1 Corning NY and later with WZXR 99.3 South Williamsport PA
 PA Mansfield WMPA 92.3
 PA Renovo WMHU 93.1
 TX Marshall KMHT-FM 103.9. They applied to "give them (AM and FM) to local Wiley College. The sad thing is that KMHT AM once had a permit for 97.3 (1960-62) and gave it up. Recently 97.3C2 in nearby Longview has been granted, and I guess that the owner felt that there was little chance of successfully competing against the many powerhouses in the area."

WI Brookfield WLJU 106.9
 WI Green Bay WYPD *88.1
 WI Mayville WMVM 98.7
 WI Mishicot WEGV 94.7
 WI New Holstein KFKQ 92.9

Deletions

CA El Dorado Hills K235AA 94.9
 CA Fairfax KFRC-FM3 99.7
 CA Verona K207- *89.3
 CO Buena Vista KBVC 104.1

GA Lakel and WHFE 105.9
 ME Lebanon W280CU *103.9, owned by Ron Malone, of WSEW *88.5 Sanford ME fame. He "never put it on nor was he relaying WHCF anyway."
 MT Cut Bank KCTB-FM 102.7
 MT Kalispell K240BT 95.9
 NJ Commercial Township W256AA *99.1
 NJ Dorothy W260AA *99.9
 NJ Oakhurst W244AS 96.7. WOBM-FM had threatened to take this translator off the air, "and obviously they followed through with their plans... Which brings to mind WJLK-FM 94.3 Asbury Park NJ. In this case, WJLK-FM is being tried out in Ocean County via WQNJ 98.5 Ocean Acres NJ. I wonder how long that's going to last? ... Though very limited, WQNJ does have programming of its own. At 7, 8 and 9 a.m. Monday through Friday, WQNJ station manager Pat Parson does a five minute news segment. Also at :20 past the hour and :54 past the hour, WQNJ runs a series of local commercials."
 NJ Waretown W293AA *106.5 [above]
 NY Southampton W233-- *94.5 (see "New,"/
 OR Reedsport K243AB 96.5
 UT Arches National Monument K247AA 97.3
 UT Green River K257DK 99.3
 UT Moab K252DC 98.3
 UT Schofield K225AA 92.9
 WA Anacortes K215BT *90.9
 WY Mountain View K292AM 106.3
 "All the lakes you show on your maps are distracting, especially in northern Maine."
 "A chain store here in Maine has some G-E Superadio IIs for \$29.95!"
 "Keep up the high standards of excellence!"

SCS Services, 67, 76.87, 92 kHz
Symbols are as in the "FM Atlas"

FL Clearwater WMTX-FM 95.7 tS, 67 kHz, talk-back to the studio. "You hear the station announcers when they are not on the air, and sometimes they're swearing. It's obviously a private service."
 MI Grand Rapids WBLU-FM *88.9—the Sight Seer returns to its 67 kHz. Director Kenneth Van Prooyen, Sr., says the program is midway through a drive to raise \$44,000 for equipment, including the possibility of expanding to additional stations. The service currently has 240 blind and otherwise print handicapped subscribers and a waiting list of 175. For more information call Van Prooyan at (616) 363-8838.
 MI Houghton WGGL *91.1 no SCS, open carrier only, 67. Had MN Talking Book for the Blind, which still wants to be on WGGGL, but it's been inactive there for several months.
 MN Detroit Lakes KKDL 95.1 tM,R
 MO St. Louis KETC channel *9 has DVS, descriptive video service for the blind on its 78.67 kHz SAP
 NE Omaha—once the hotbed of SCS receiver building—now has none, with McMartin, SMC Technologies gone. Erko Technologies, Muziplex, selling crystals only, and headed by one-time McMartin executive Larry Martin. Also gone on the national scene are Johnson Electronics in FL and Sarkes Tarzian/Norver. Norver may still be selling a few, but its owner told me he's "well past retirement age." This leaves Compol and Dayton Radio as the sole SCS manufacturers in the U.S., as well as importers—notably Denis Van, SCA Radio Labs, in El Monte CA. SCS Radio Technology in MO continues to modify FM radios and offers adapter boards pre-wired for 67 and 92

kHz. Changing crystals in fixed tuned receivers costs "too much"; this is necessary when the main station changes services or when taking a radio into an area served by a different station or translator.
 NY New York WMXV 105.1 tG, 92 (not tC), LDS/KSL AM; 67 is still tZ
 ND Fargo WDAY-FM 93.7 no SCS (had tM); see MN Detroit Lakes (above)
 PA Philadelphia WRTI *90.1 had Greek, 67, "and he copied us, calling it Hellenic American Broadcasting, but he went broke. It's now Haitian. I think there is music on the 92 [actually it is tX, 92—L.e.]. Antena FM is on the 67 of WQHT 97.1 New York"
 WHYY *90.9 tE, 92, Hellenic Broadcasting Service (retains tT, 67)
 SC Greenville (licensed Asheville NC) WHNS 21, a Fox affiliate, is to have the NC Radio Reading service on its SAP. "I have ordered the SAP generator. A company in Long Island City NY is marketing the Freddy 3 for \$45. It picks up the SAP with a wand mounted near or in the set. A technician should do the mounting in the set." Call Recoton Co. at (800) 742-3438 for more information.
 TX Dallas KNON *89.3 tE, E; 67 is Korean; 92,



Iranian. "We have leased our subcarriers to cultural organizations, interested in preserving the music of their native lands here in America." Station is directional, null toward Fort Worth, with the 1 mv/m signal coming only to the city limits of Fort Worth.
 VA Charlottesville VVTV *89.3 tT, 67, relaying WVTF 89.1 Roanoke's SCS.
 VICTORIA Melbourne 3RRR-FM 102.7 tB, 92, relay of BBC World Service
 3MBS-FM 103.5 tM, 67; tR, 92
 3PBS-FM 106.7 tR, 67
 "I'll pay anything for your current edition. I need to know what stations have available subcarriers."
 "I received in good order the Sangean ATS 803A receiver and the Elf-II kit which I built quite readily. I have to report, however, that I am most disappointed by the results... Although reception of the FM stations' main programs is clear and can be received in stereo with full quieting, the subcarrier services are so noisy and 'hissy' that they cannot be listened to."
 "You may want to clarify the documentation on your ship with each Superadio III. It might help other folks like me that were confused about the 67-92 kHz thing. I don't know how I got confused but I did! I honestly thought there would only be activity between 67 mhz and 92 mhz I should have realized the error in that logic, since commercial FM doesn't go down to 67 mhz!"
 "Received radio today 7-21, and am sorry to tell you it will not work out for us—it is extremely weak, so there is not much point in having a radio that can barely pick up a 100 kw station 30 miles away."
 "Thanks for fixing FM subcarriers, it works very good now."
 "We appreciate your hard work!!"
 "It was a nice surprise to get a July FMedia when I wasn't expecting one 'til the end of summer. Can you fit Puerto Rico on the New Brunswick-Newfound and page?"
 "I just bought the Elf-II adapter kit... It works fine." [than a big company, "
 "I like the idea of dealing with one guy rather/

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 top of hour)

- AR Benton KMKV 106.7 The Maverick, co-owned with KSSN 95.7 Little Rock, but it's a younger country format than KSSN has. It chose that format to compete better with KDDK 100.3 Jacksonville-Little Rock, "K-Duck 100." "KDDK, a one-year-old country station that is attracting a young audience, is giving KSSN the stiffest country competition it has ever seen." There are now eight country stations in central AR.
- FL Fort Myers-Naples WJYO *91.5 The Joy FM
- GA Atlanta WPCW 94.9 no nonID, saying "Peach 94.9, WPCW" ["The Q"]
- GA Augusta WBBQ-FM 104.3 Q-104 (from/ GA Midway WGCQ 98.3 Oldies 98.3
- GA Swainsboro WJAT-FM 98.1 Kiss FM (and "Digital 98.1" as well as "Adult Rock Kiss FM")
- GA Valdosta WQPV 95.7 FM-96 (losing "Power 96)," and "only IDs as little as required; yielding the expectation on my part of a possible pending call change"
- IL Pontiac WJEZ 93.7 Lite Hits 93.7
- IN Decatur WQHK-FM 105.1 K-105
- LA Benton-Shreveport KLKL 92.1 Oldies 92 (from "Oldies 92.1 FM"). "It does not use call letters" [?].
- MD Federalsburg WWPL 107.1 Pleasant 107
- MN Mankato KMSU *89.7 MSU Radio. "I have heard MSU's pirate station, but it is rarely on."
- MN North Mankato KDOG 96.7 K-Dog
- N Waseca KRUE 92.1 Crew 92
- T Missoula KZOQ-FM 100.1 Z-100 FM (from "FM 100") [News New
- NJ North Cape May WJNN 106.7 Jersey/
- NC Newport WKQT 103.3 Classy 103.3 (from "103.3")
- OH Gibsonburg WRED 95.7 Y-95.7 (from "WTOD-FM"), but continuing its LMA with WTOD 1560 AM Toledo
- OR Klamath Falls KLAD 92.5 K-Lad Country
- PA Freeland WQEQ 103.1 Oldies 103 (from "QE 103")
- SC Seneca WBFM 98.1 Great 98, and operating only from 7 a.m. to 11:10 p.m., "in case anyone cares. It helped me DX other stuff on that channel."
- TN Chattanooga WDEF-FM 92.3 uses calls, dropping "Easy 92 FM"
- TX Fort Worth KTCU *88.7 College 88.7 or FM 88.7 (strict; calls used only once per hour). Station manager Constantino Bernardez retired in June after 16 years; the new manager is Andrew Haskett, a professor in radio-TV film at TCU. "He was chosen from a field of 45 applicants. . . Our format will remain rock and jazz, with some classical."
- UT Provo KBYU *89.1 Classical 89. "They are occasionally relayed by the 92 SCA of WMXV 105.1 NYC, which has the LDSer-service."
- WA Richland KEGX 106.5 Eagle 106.5 (from "Eagle 106")
- WI Brillion WEZR 107.5 Easier 107.5, "has big band on Saturday evening"
- WI Evansville WMBJ 105.9 uses calls, no

"J-106," saying "Classic Hits 106" with its calls

- WI Manitowoc WLTU 92.1 Oldies 92 FM
- WI New London WOZZ 93.5 Classic Hits 93 (from "Z-93")
- WI West Salem WQJY 100.1 K-Rock (from "Joy 100 FM"), simulcast with WKBH 105.5 Trempealeau, which IDs with La Crosse (no longer Holmen-Winona MN).

Multi-City IDs in Use

- OR The Dalles KMCQ 104.5 adds Hood River
- TX Jefferson KJTX 104.5 with Texarkana
- "I may order your monthly issues later, but I am retired and not very close to the industry and am really only interested in information about this local area. I am very interested in the next FM Atlas. Please advise me when it's ready."
- "Not personally affected by the flood, but it has made for a lot of interesting radio, both AM-FM and scanner."
- "I'm looking forward to your 15th FM Atlas, and I wish you good luck with it."

AM Happenings Most Likely Caused by FM

- AL Evergreen WIJK 1470 struck by lightning and "forced off the air"
- AL Montgomery WZTN 1000 FCC deletes license and call letters "for failure to prosecute"
- AZ Nogales KFBR 1340—FCC dismisses renewal application, deletes call letters
- AR England KLRA 1530 off the air
- AR Jacksonville KOKY 1500 off the air
- AR North Little Rock KAPL 1380 off the air; these three listed in the "Arkansas Gazette"
- AR Springdale KBRS 1340 FCC revokes license "for being off the air without Commission authority for an extended period of time."
- CA San Francisco KFRC 610, once a proud top 40 and later an oldies station, now merely relays KFRC-FM 99.7.
- CO Aspen KRKE 1260 silent
- DC—The NAB's AMAX standard for AM radios, specifying a range up to 7500 kHz, noise blanking and adjustable bandwidth, has met with indifference from manufacturers, except for Delco and Denon's TU-680 NAB "super tuner." Now the standards are being relaxed to permit certain portables, such as the G-E 7-2887A, Superadio III, to meet them. The NAB itself has been accused of not promoting AMAX. Manufacturers are loath to promote a technology which boosts AM, due to the perception held by the public that AM is inferior.
- FL Lehigh Acres WWCL 1440, had been classical, now Spanish, "La Caliente"
- GA Athens WXAG 1470 silent.
- GA Thomasville WSTT 730 fined \$17,500 for signing off after a fire in 1980 and not notifying the FCC within 30 days, and for not maintaining the public records file while the station was off.
- GA Valdosta WFVR 910, had been silent, returns with travel info in conjunction with the "Florida Welcome Center"
- KY Shepherdsville WBUL 1470 silent
- LA Baton Rouge WTKL 1260 silent
- LA Bogalusa KBOX 920 "is cutting its hours to daytime only; FM will still operate nights, now at 92.9"
- LA Farmville KTDL 1470 "silenced"
- LA Monroe KLIC 1230, KMLB 1440 silent
- LA New Roads KCLF 1500 silent
- LA Oakdale KICR 900 back on with business news
- LA Washington KNEK 1190 silent, but "its FM is going strong on 104.7" [sold]
- LA West Monroe KMBS 1310 silent, but "being/ MA Boston WEEI 590 adds Don Imus (after he arises from his hospital sick bed), syndicated from WFAN AM New York, replacing morning local live programming with Tom Doyle and Craig Mustard. They're paying \$200,000 to bring Imus in, which is still cheap considering the price of paying top local personalities.
- WMEX 1150 now plays French Creole noon to 6

a.m. weekdays; noon to midnight weekends. "The rest of the time V:MEX will revert to airing the music heard on WMJX" 106.7.

- WSSH 1510 silent
- MA Great Barrington WSBS 860 ends its broadcast day at 7 p.m., "ending about five years of nighttime broadcasting at reduced power" of 3.9 watts. "It was not economically feasible to continue nighttime broadcasts to such a limited audience," with some reduction expected in the parttime staff at the station.
- MS Brookhaven WJMB 1340 silent
- MO Brookfield KGNG 1470 silent. Was to have returned to the air, but "no date was given."
- NJ Newark WNJR 1430 carries Radyo Pinoy 7-8 p.m. local time, from the 92 kHz of WBGO *88.3. The WNJR program will include a 20-minute program of news, commentaries and the latest hits from the Philippines "and frequent plugs for the \$65 SCA radio sets." The show is expected to be picked up by other stations owned by John Douglas, Douglas Broadcasting, which includes FM stations.
- NY New York WOR 710 retires its helicopter, leaving WCBS 880 AM the only station with its own traffic helicopter; this after 35 years. It's "a reflection of hard economic times" affecting WOR and AM radio. Pilot-broadcaster George Meade will retire to the [safer?] indoor studios of WOR to do weather reports during the morning show.
- WZRC 1480, owned by Infinity, now programmed by Radio Korea New York at 44 E. 32nd St., apparently unrelated to the Korean SC Services, KBC on WOXR 96.3's 67 and Korean Christian Broadcasting on WRKS 98.7's 92 and W:NCN 104.3's 67. Those services "are probably not too thrilled about this."
- NY Schenectady WGY 810 releases long-time talk show host Bob Cudmore (pictured) from his



6 p.m. to 9 p.m. time slot in favor of syndicated "Smart Money with the Dolans" from WOR AM New York. Economics said not to have anything to do with the firing, but it's well known that WGY, formerly owned by G-E, is in bankruptcy. Cudmore's union, the AFTRA, is objecting to the termination of his contract; he is one of two shop stewards of the union at WGY. Another person leaving is reporter Monica Mahaffey, taking a job at WNYT (channel 13). She "left for various reasons concerning the direction of the station." WGY has been auctioned off to Dame Media Consultants of Harrisburg PA for \$5.5 million, subject to FCC approval. Present owners paid \$11 million for the station (along with WGY-FM 99.5) in 1985; the AM is said to be the nation's oldest commercial radio station. Cudmore hopes the new owners will take him back.

OR Eugene KEED 1600 off the air since an arsonist's fire June 13, and the city has refused to issue a building permit for the transmitter which is in a city park. It was part of a duopoly with KKXO 1450.

VA Bassett WODY 900 silent

WA Bellingham KPUG 1170 now all news. "This onetime top-40 rocker has recently tried AC but shuffled that onto its FM, KAFE 104.3. They also tried oldies, but gave up on that as well."

WA Seattle KKFV 1250, "K-Fox," silent, but has been sold. Its demise leaves black-urban to AMers KRIZ-KZIZ. "It's amazing that Seattle-Tacoma has no fulltime FM urban." New owners rumored to be putting on an all-children's format.

BC Vancouver CKST 1040 "after losing out on an FM licence, has fired veteran progressive rock programmer Dave Marsden,



MARSDEN

with a sale of the station finalized. Too bad. They certainly don't deserve one of the last two available FM frequencies in Vancouver, but they certainly deserve a spot of some sort on the local radio dial. With them dies one more alternative to the soft rock, hard rock, classic rock and in-between rock that is dominating southwest B.C. radio. This and the demise of the b format stations reduces the variety and diversity in local radio which is contradictory to the CRTC mandate and policy of format diversification within a given market area." Marsden, before being fired, said: "People want to hear music on FM. Getting people to listen to music on AM is like getting people back to watching black-and-white television after they've been watching color."

ON Ottawa CJSB 540 would move to 106.9 FM with 84000 h.y if CRTC approves its application. This would overcome "severe technical problems."

ON Windsor CKLW 800 now news in the morning, sports-talk all other times. Its nonIDs include "Windsor's news, sports and weather station," "800 AM," or more rarely "Windsor 800 AM," and it broadcasts Blue Jays baseball. PQ Port-Cartier CIPC 710 would switch to 99.1 FM at 7,400 watts if CRTC approves AM owners who can't sell or even donate their stations can turn to the People's Network, a nonprofit group, which accepts towers, transmitters or complete stations for a tax write-off. Contact Wyatt Cox or Chuck Harder at (904) 397-2000.

"As always I enjoy the comments and editorials contained within FMEDIA! Keep up the great publication!"

FM Rulemakings Proposed

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

- AK Anchorage 103.1C1 for C2, KANC counterproposal
- AK Houston 92.1A, Sept. 24, Oct. 12
- AK Seward 105.9A for 103.1A, with Anchorage
- AZ Arizona City 106.5A for 106.3A, KONZ, Sept. 17, Oct. 4
- CA Esparto 97.9A, Sept. 9, 24
- CA Los Molinos 101.7A, Sept. 9, 24
- CA Point Arena 102.3B1, Sept. 9, 24
- FL Clewiston 99.5A for 106.3A, WAFC-FM, with Indiantown
- FL Fort Myers Villas 102.9C2 for 106.3A, WSUW with Indiantown
- FL Indian River Shores 97.1A, Sept. 27, Oct. 12
- FL Indiantown 103.1C1 for C2, WOKC-FM counterproposal [with Indiantown]
- FL Jupiter 106.3C3 for 105.5A, WADY/
- FL Marathon 105.5C2 for 106.3A, WAWK counterproposal
- FL Micco 95.9C3, Sept. 9, 24
- FL Naples 106.3C3 for 103.1C3, WSGL, with Indiantown
- FL Panacea 100.5A, Sept. 27, Oct. 12
- GA Donalsonville 107.5A, Sept. 9, 24
- ID Lewiston 105.1A, Sept. 3, 20
- KY Whitley City 98.3A for 105.9A, deleted station WHAY, with Colonial Heights TN
- ME Islesboro 105.5B1, Sept. 9, 24
- ME Westbrook 100.9B1 for A, WYNZ-FM, Sept. 3, 20 [WOMR, Sept. 13, 28]
- MA Provincetown *92.1A for 91.9A/
- MI Tawas City 106.1A for 107.3A, WHST, Sept. 27, Oct. 12
- MN Hermantown 92.1A, Sept. 13, 28. In announcing the proposal, the FCC didn't give me any credit for operating translator station W280CT there.
- MN Slayton 103.1C2 for A, K, new CP, Sept. 27, Oct. 12 [Oct. 12]
- MN Staples 94.7C3 for A, KSKK, Sept. 24,/
- MO Ashland 106.1C1 for C2, KYUA counterproposal
- MO Farmington 99.5C3, Sept. 24, Oct. 12
- MO Half Way 99.1A for 93.1A, KYOO-FM, with

- Ozark
- MO Moberly 97.3C3, Sept. 27, Oct. 12
- MO Monroe City 107.5A for 106.3A, KDAM, with Ashland
- MO Osage Beach—ordered KYLC to show cause why its license should not be modified for 100.9A instead of 93.5A.
- MO Ozark 92.9C2 for A, KZPF, Sept. 3, 20
- MO Rolle 103.1C3 for 106.3A, QQMX (moving from 94.3A) with Ashland
- NY Grand Gorge 105.3A, Sept. 20, Oct. 5
- NC Ocracoke 92.7C1 for 92.9A, new CP, Sept. 17, Oct. 4
- OR Keno 98.3A, Sept. 17, Oct. 4
- SD Madison 105.5A for 103.1A, KJAM-FM, with Slayton MN
- TN Colonial Heights 95.9C3 (or C2 at different coordinates) for 105.9A, WLJQ counterproposal [Hope Radio]
- TN Monterey 104.7A counterproposal by New/
- TN Morristown 94.1A for 95.9A, WMXX, with Colonial Heights [Colonial Heights]
- TN Tazewell 105.9A for 94.1A, WCTU, with/
- WA Chelan 95.5A for 93.5A, KOZI-FM, with East Wenatchee [Oct. 12]
- WA East Wenatchee add 93.7C2, Sept. 24,/
- WA Ephrata delete 93.9C2, with East Wenatchee
- WA Clarkston 102.9A, Sept. 3, 20
- WV Princeton WA EY-FM 95.9A at new coordinates to permit the Colonial Heights TN upgrade [17, Oct. 4]
- WV Rainelle 95.3B1 for A, WRRL-FM, Sept./
- WI Menomonie 104.9A, Sept. 17, Oct. 4
- WI Stevens Point 104.9A for 104.9C3 at Marathon; WMGU wants to remain in Stevens Point; no dates given.

FM Rulemakings Finalized

Dates are when FCC filing windows are open

- AL Valley 95.3A from 98.1A, WRLD-FM
- AR Bentonville 95.7A, Sept. 11, Oct. 12
- 98.3C2 for C3, KOLZ
- AR Mountain Home 97.9C2 for 98.3A, KTLO-FM [F-M downgrade]
- AR Yellville 101.7A for 97.7C2, KCTT/
- CA Corning 100.7C1 for B, KCEZ
- CA Crescent North 97.9C2 for C3, KPOD-FM
- CO Glenwood Springs 92.7A, Sept. 11-Oct. 12
- GA Eatonton 97.7C3 from 97.7A Sparta, WMGZ
- GA Griffin 97.5C3 from 97.7A, WQUL
- GA Hogansville 98.1C3 from 97.5A, WEIZ
- GA Thomaston 101.1A from 95.3A, WTGA-FM
- LA Berwick, Opelousas—denied petition to amend FM table for these towns.
- MI Norway 94.3C3 for A, WZNL
- MN Rushford 99.3C3 for A, KWNO-FM
- MS Greenwood 104.3C2 for C3, WGNL
- NM Espanola 92.9C3 for 102.3C3, KIOT
- NM Los Lunas 102.5C for C2, KOYT
- TN Paris 94.1C3 for A, WMUF-FM
- TX Howe 95.3C3 for A, KHYI
- TX Temple 101.7C3 for A, old CP, but no call letters assigned [C3 for 104.3A]
- VT Hartford—denied WGLV-FM bid for 104.3/

FCC Proposes Extending Station Holding Period to Three Years After Hearing

The FCC has proposed to require successful applicants in station hearings operate their stations for at least three years before they would be eligible to sell them.

The Commission reminded that for many years previously it had a "three year anti-trafficking" rule, but during the Reagan era the period was reduced to one year.

FCC Hits Stern Employer Infinity With \$500,000 in new Fines

Infinity Broadcasting Corporation was told by the FCC it has to pay \$500,000 in additional fines for airing indecency by one Howard Stern. Each of four stations owned by Infinity was assessed \$125,000—WXRK 92.3 New York, WYSP 94.1 Philadelphia, WJFK-FM 106.7 Manassas VA, and WJFK AM Baltimore. This followed by a day the FCC's slapping KFBI 107.5 Pahrump NV \$73,750 for airing "indecency" by Stern on nine separate occasions

from Nov. 10, 1992 to Jan. 13, 1993. The forfeiture amount imposed reflects both the fact that the violations were repeated over a substantial period and the Commission's opinion that the violations were egregious, with Infinity exhibiting a pattern of apparent misconduct involving indecent broadcasts in the past, the FCC said. However, the FCC conceded that Infinity has made efforts to avoid further infractions and that "no actionable indecency complaints have been received by the Commission against Infinity or Howard Stern material in the more six months since the last broadcast" cited in the FCC's Notice of Apparent Liability. It looks like Stern may be cleaning up his act.

The Nevada action was because Stern's shows are delayed for airing 6 a.m. to 11 a.m. and "were replete with references to sexual and excretory activities and organs," with 19 pages of transcripts given the Commission said to be "patently offensive." L.A.-based Americom Broadcasting, which owns KFBI, declared it will "vigorously fight" allegations of indecency.

In related news, an anti-Stern group, Americans for Responsible Television, is fighting the recently-announced acquisition of KRTH 101.1 Los Angeles by Infinity for \$110 million from Beasley Broadcasting. ART founder Terry Rakolta, a MI homemaker who several years ago took on Fox's *Married With Children* by targeting show sponsors, maintains that Infinity has "no intention of deviating from a program formula that includes racist, anti-Semitic, misogynistic and indecent material."

The NY Post mentioned the mounting Stern fines, but that Infinity has paid none of them, now coming to \$1.1 million, ever since the first fine in 1988 for \$6,000. "Rather than pay the fines... cash-rich Infinity has preferred to wage an expensive defense that will end up costing far more in legal fees than the company would have had to pay in fines," Jill Brooke wrote.

"But that's OK with Infinity. From the outset, President Miel Karmazin has vowed to fight for what he sees as Infinity's right to broadcast whatever it wants, with Arbitron ratings serving as the yardstick for what's acceptable."

Small-Print Happenings and FM Industry News

The on-again, off-again fight for WNCN 104.3 New York is on again, with the FCC dismissing a motion for deferral of procedural dates filed by Fidelio Group, Inc., one of the applicants for the facility. This is a minor victory for the licensee, GAF, and the WNCN Listeners' Guild. One outcome is the dismissing of a court appeal by Class Entertainment and Communications, Inc. (CLASS). The FCC denied GAF and CLASS' motion to dismiss the CLASS application for payment of expenses by GAF.

Speculation by "Newsday" is that WHTZ, Z-100, Newark-New York may be for sale. Its ratings and revenues are down as it celebrates its 10th anniversary, and there's speculation other local owners like Cap Cities, which already owns



WPLJ 95.5 and WABC AM, might want to buy Z-100 to complement its advertising power, or that WNEW 102.7 might want to buy it merely to "defend against the possibility that a full-blown, alternative rock station might take shape on 100.3 FM and thereby steal younger listeners from "NEW," or go all news and compete against its WINS AM. Some staff defections have been cited, but the article concludes with the expectation that the likes of Bon Jovi and Nirvana will remain on Z-100 after all, regardless of whether it is bought by another company from Shamrock, or from a third party in a convoluted swap of stations.

Here's the ultimate success story: Boy rises from announcer at small market station, winds up in Big Apple, his show is networked, and goes on to buy five radio stations for \$13.5 million. That's "Cousin" Brucie Morrow of WCBS-FM, who's shelling out that kind of dough for WPKX



COUSIN BRUCIE

97.9 Enfield CT, WHMP-FM 99.3 and AM Northampton MA, WYAK-FM 103.1 and AM Surfside Beach SC. They're all Class As (with WYAK-FM having a C3 CP), and the AMs are of little consequence, but Brucie's learning.

The NAB has asked the FCC to take action against state and local laws that "unreasonably" keep broadcasters from building FCC-licensed towers, and accusing local authorities of "un-licensing FCC licensed facilities."

Garrison Keillor of American Public Radio fame has announced he's changing his show's name back to the original *A Prairie Home Companion*, from the *American Radio Company of the Air*, effective with the new season beginning Oct. 2.

In CO, KBCO-FM 97.3 Boulder and KTCL 93.3 Fort Collins are trying to get upgrades, but each has filed against the other, claiming that FCC rules have been violated.

New duopolies include WYNF 94.9 Tampa going to Cox, owners of WWRM 107.3 and AM, while KLRX 97.9 Dallas goes with KTXQ 102.1 Fort Worth. KYMG 98.9 Anchorage is buying KGOT 101.3, subject to FCC approval. Comco Broadcasting already owns KIAK-FM 102.5 and AM Fairbanks, and promises no "major" changes in Anchorage. The FCC has approved the sale of WF 99.9 and AM Charleston WV from Inki in Communications Partners to WV Radio Corp., owners of WKWS 96.1 and AM there, even though the combined audience ratings went above 25% for the four stations after the license applications were filed; it denied Bristol Broad-

casting Company's (WQBE-FM 97.5 and AM) petition to dismiss. Also approved: KKIK FM 93.7 Lubbock TX to the owners of KJTV (channel 34, a Fox affiliate), and KTIE 107.1 Bakersfield CA to Buck Owens Production Co., which already owns KUZZ 107.9 and AM-TV. New annual spectrum fees for broadcasters, which probably won't take effect until early 1994, include FM Class C, C1, C2 and B \$900, Class A, B1 and C3 \$600 and FM construction permits \$500. Noncommercial stations are exempt from such fees.

KRCY 105.9 Kingman AZ fined \$3,500, reduced from \$12,500, for broadcasting commercials for a slot machine tournament. The FCC also reduced the fine of KRTM "88.9 Temecula CA to \$3,500 from \$5,000 for broadcasting commercials. And it fined KKIS-FM 92.1 Walnut Creek CA and its AM \$25,000 for EEO violations, as well as giving it a short-term license renewal and imposed better reporting conditions "to ensure better record-keeping and to encourage more meaningful self-assessment by the stations."

In Canada, limited duration special events' stations no longer need CRTC licensing. These include Montreal's stations which appear every year during the Mariposa Jazz Festival. "It's ironic that, as the CRTC is stripping away regulations, many FM stations have responded slowly to the new opportunities of a more free enterprise programming environment," says Howard English in *Broadcast Technology*.

Pirate stations fined by the FCC include the Beverly Hills Unified School District \$8,000 for operating a radio station, most likely FM, on May 27, 1993, without a license. Stephen P. Duniher of Berkeley CA was fined \$20,000 for operating an unlicensed FM station.

The FCC has a number to answer inquiries about call letters' availability. To check the status of pending call letters' requests phone (202) 634-1513. In person visitors are asked to see Dianne Beverly in Room 230.

Chuck Gysi from flood-ravaged IA wrote in his newspaper column that listeners to WOKO 98.9 and its AM Burlington VT pitched in and sent up to four semi trucks (or as the English call them, articulated lorries) filled with donations "from residents throughout the Champlain Valley of VT and upstate NY" to namesake town Burlington IA.

Pay radio may be just another gimmick. Despite promise of 30 channels of stereo music without commercials—and ultimately perhaps 4000 such channels—there's evidence few cable subscribers are opting for the added cost of pay radio, such as Digital Music Express. In Baltimore, for example, only 1000 out of 101,000 subscribers have signed up, and the company would be "happy" to double the number to 2000. Digital Cable Radio now has 57 formats, including news and commercial channels, with prices tumbling to \$4.95 in expected 1994 promotions by Time Warner. Archer S. Taylor of Malarkey-Taylor Associates said such new technology will only be widely accepted when the price and operational simplicity match perceived benefits.

Nominated to replace interim FCC Chairman James Quello is Reed Hundt, a senior partner at the Washington DC-based Latham & Watkins law firm. It's the same environment from which came former FCC Chief Mark Fowler, so what else is news?

Just this—the FCC has initiated an inquiry to explore rules relating to the definition of acceptable aural modulation limits. By controlling modulation, for example, interference to stations on adjacent channels can be reduced. In FM, the frequency of the station varies according to the loudness of the music or voices in the programming. "All forms of modulation generate energy in 'sidebands' which surround the main carrier," the FCC pointed out. The FCC's seeking to learn how the industry can accurately set modulation limits on peak amplitude, peak duration and peak recurrence rates and the time interval over which the peaks are to be counted.

The effect of this might be to alter the blinking rate of a station's modulation monitor, or to permit a wider variety of signal processing and measuring systems.

FM totals as of July 31. Commercial stations: AM 4951, FM 4903, plus 1630 FM educational, for an FM total of 6533, all licensed and supposedly on the air.

From the classifieds: Educational FM seeks studio, remote, test equipment for donation. P. Kessler, KWSC, Wayne State College, Wayne NE 68787.

For sale ERI 3-bay Rototiller antenna (not recently taken out of sewer service?) 1 5/8" line, 92.1 mhz, \$2500, (816) 635-5959.

Sony STJ-75 FM tuner, 75/300 ohm input, new condition, \$150 or best offer; also has SCA tuners, 67 kHz for sale, L. Synder, Madera Bcstg. Inc., Box 182, Floral Park NY 11001; (718) 347-2940.

Wants to buy: Broadcast catalogs, promotional material and sales literature from the '30s-'70s, Collins, RCA, etc., G. Lee, PO Box 5786, Beverly Hills CA 90209; (310) 695-0177.

FM AS IT WAS—OR MIGHT HAVE BEEN

"FM Profits" is an article from *FM and Television* magazine from September, 1948, sent by Mark Humphrey. "Sorry about the poor quality of the copies, but they are third generation from a bound volume I found in the Syracuse University Engineering Library about 15 years ago. I went back to SU last year to try to locate it again, but unfortunately, most of their old volumes of *FM and TV* were lost when these periodicals were moved from the old library building to Bird [Library] a few years back. I remember seeing your signature on the signout slips in a few of them!" The article centers on the Rural Radio Network. That network and its successors (Ivy Network and CBN) "have always been intriguing to me. When I lived in Ithaca in the early '60s, my parents gave me my first FM radio as a birthday gift—I think it was my seventh birthday in 1964. It was a G-E clock radio, and they had set it up while I was asleep, so that it would wake me up to the music of WEIV, the Ivy Network station on 103.7 there. I remember the 'Weather Roundup' very well, which included several stations not part of the network, including WOSC-FM 104.7 in Fulton and WBRV (AM) in Boonville.

"Later, while a college senior, I was the contract engineer for WBIV [107.7] in Wethersfield, and once was snowed in at the transmitter for two days during a severe early April storm. Fortunately, they had stockpiled food and water in the building. While waiting for the weather to clear up so that a tow truck could pull my car out of the ditch down the hill, I thought of the undeveloped potential the station had, and hoped that I might have the chance to buy it someday. Well, the opportunity came a few years later, but long before I had the money! My college roommate Lloyd Lane, who now owns WCJW(AM) in Warsaw NY also looked at it, but couldn't quite raise the \$650,000 that CBN was asking for what was essentially a 'stick' 40 miles from Buffalo.

"However, WBIV was sold to Stereo Seven Associates, a group which included

John Bunkfeldt, the former owner of WOUR 96.9 Utica and former CE of WAER *88.3 Syracuse, and also Steve Church, former CE of WBUF 92.9 Buffalo, WFBQ 94.7 Indianapolis, WMMS 100.7 Cleveland, and now owner of Telos (which makes broadcast phone stuff). They renamed it WUWU (Woo Woo FM) and changed the format to authentic progressive rock. While waiting for a studio to be built in West Seneca, near Buffalo, they set up a makeshift control room in the transmitter building, which had to be seen (and heard) to be believed. . . *FM and TV* also published some articles about the original 'super power' WMIT 106.9 atop Mount Mitchell in NC. As I recall, it was over 300 kw and had incredible coverage, reaching most of both Carolinas. . . I visited Mt. Mitchell a couple years ago and hiked up to the transmitter site, which is still in use by the present WMIT and WNCW, the new public station licensed to Spindale NC."

The article mentions how the Rural Radio Network started in upstate NY, with FM thought to be the perfect medium to reach farms because of its static-free signal. Promotion included ads in all the weekly and daily papers of rural NY 60 days before the network went on the air. "Along with this distribution of printed material went data on FM prepared and provided by the radio manufacturers, such as Zenith's FM booklet." Programming would include home economics features for rural women, with up to two hours of general programming from each of six studios across the state.

Mobile reception for testing the FM signals included a truck sporting a collapsible 12-foot tower with a folded dipole antenna, along with trained engineers to interpret the signal strength data. A generator delivering 110 volts at 60 cycles, rated at 800 watts, was mounted separately in a trailer. Equipment was spread out on benches so that the engineers could record the data as the truck moved at 15 miles and hour, and an intercom was provided so that they could contact the driver in the cab. The RRN went all FM from the outset. This meant no telephone lines to connect its owned and operated stations. Sites had to be chosen that gave 1) maximum broadcast service areas, and 2) line-of-sight communications between adjacent stations. Thus it came about that "RRN was the first all-radio, no-line network in the world."

Antenna recommended for use by the listeners was a two-bay turnstile, which gave more gain over a single bay, and the two-bay design "flattened out laterally as is the case with a transmitting antenna. Thus the response to interference sources on the ground near the antenna is reduced substantially." An ad for the W. F. Hoisington antenna, 8, 16 or 32 elements for FM and TV, "up to 91 times power gain over

a single folded dipole," appeared. Espey Manufacturing Co. advertised its AM-FM receiver chassis: "There are millions of console sets in existence today whose owners are now aware how easy it is to install a modern AM-FM Espey chassis. This large market is growing bigger every day, as more and more owners decide that they want FM. . ." As to the title of the article, "FM Profits," I can find nothing to show how to sell advertising on FM, or reports of any FM stations reeling in the profits. FM in 1948 was still a technological novelty—one where fledgling organizations like the Rural Radio Network were committing thousands of dollars—on what would prove to be a costly gamble so early in FM's history.

DX Doings—An Occasional Feature

A Philadelphia area listener reported rare reception to WPRO-FM 92.3 Providence RI on tropo, as well as eastern NC, with signals following the foggy or steamy Atlantic.

Another writer, near Miami, has caught "lots of" FM skip from Central America, Mexico and the Caribbean. "Radio Puntarenas 91.9 in Costa Rica came in three times in 1993!" Radio Puntarenas is only 250 watts.

The late night of Aug. 17 and early morning of the 18th provided intense St. Louis MO-area reception to northern MN. I picked up KCLC *89.1 St. Charles MO in stereo and tried for KSLH *91.5 St. Louis, the school board station which is for sale. I heard nothing on its frequency, so I suspect it is either off the air or on with very limited hours. With a special FM phasing box built by IL's Andy Bolin, and connecting two separate rotatable FM antenna systems, I was able bring in the clear KTPR *91.1 Fort Dodge in full stereo, nulling much closer KNOW-FM *91.1 St. Paul, which suffers from the disease of being monophonic. Also heard was WTCX 105.1 Lakeville-[. . .]-Minneapolis-St. Paul MN through local WAVC Duluth, although the latter was on with reduced power; it is now back to normal. The skip season for '93 is over (save for a little activity that can happen in mid to late December), but look for tropospheric enhancement, at distances up to 450 km, as fall approaches.

FM FORUM

CONTRIBUTIONS FROM READERS

Digital Cable Radio (DCR) announces its introduction into Europe. The service is to be distributed initially by cable and later by direct broadcast satellite. It will feature the 50 channels of cable programming currently available to U.S. subscribers, with "Euro-specific programming" to be available in about two months. Demand for the service in Europe is expected to be greater than in the U.S., probably because of less FM programming locally. DCR is programming in the U.S. and Mexico and working to obtain regulatory approval to launch in Canada. Latin American service is expected later this year and the Far East in 1994.

A couple of people have sent the story about WBQQ 104.7 Kennebunkport ME

wanting to add another 10 meters to its tower to accommodate the antenna for the new WXPT 104.7. Local residents have objected, with Dr. Christ Angelos, a veterinarian, saying, "We feel expanding it violates our right to a scenic vista; it creates more visual pollution and it devalues our property." W-Bach has approval from the FCC and FAA to raise the tower, and it will not have any visual impact on the residents, according to Louis Vitali, WBQQ manager. R. H. Perrin says 104.7 will apparently get the WBQQ classical music format, with 99.3 changing to something else. 'WBQQ in Gloucester MA is also owned by the same people and calls themselves W-Bach, but they are on 104.9, adjacent to the other W-Bach. . . It is good to see that the management doesn't plan on another rock station. Using the scan on my receiver, I count 52 rock stations between 90.1 and 107.9 mhz. . . I still can't see the need for so many translators. WEVO *89.1 Concord is well received, but they put a translator on 104.3 in Dover NH which I also get very well. I think the FCC, when they assign frequencies, assumes that all FM receivers are \$25 transistors, with no antennas, used by kids. When WBQQ came on the air, several people I spoke to at the open house had no idea that an antenna would help reception. They were pleased they could now get classical music and were surprised that here in Wells ME I can get eight stations with either all classical or parttime classical." Dr. Ken Garry, station manager of WUSI-FM *90.3-TV Olney IL called; they're ordering several variable-tuned 67 kHz units for their new reading service on SCS. Being cautious folks, they checked with their attorney who contacted the FCC about the legality of using such receivers. The reply: "Keep a tight list of who receives the radios. Variable tuned radios are OK; any [monetary] damage to Muzak (or any other firm) by a blind individual would be insignificant. Radio reading services should retain control of the radios, however." Ken said that SCS circuitry is widespread; he knew of a shop class in Chicago which offered making an SCS an option for a class project, and I mentioned that SCS has been around since the 1950s, with so many receivers in the public's hands that it can be considered a "readily available" technology.

Surprised to see an August FMEDIA! so late in the month? So am I. Thanks to a breakdown of a type font (which is similar to an IBM Selectric type element), work on the new FM Atlas maps was delayed over a week pending font repair. With the demands of producing a 208-page book on creaky equipment dating from the late '60s through mid '70s, there are plentiful opportunities for breakdowns. This operation is like an FM station having no auxiliary antenna or transmitter.

Until, uh, September,

Bruce J. Elving



SSN 0890-6718

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

The FM radio newsletter

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SCORES OF NEW FM AND TRANSLATOR STATIONS GRANTED—JUST IN TIME FOR NEW "FM ATLAS" DEADLINE, P. 1.
WXPS, A TOWERLESS FM STATION? READ HOW THIS REFUGEE IN HIGH-RENT WESTCHESTER NEEDS A LEASE ON LIFE IF
IT IS TO CONTINUE, P. 4.
NYC—JEWISH SCS FIRM UP AGAINST MONTHLY RENTALS OF \$12,000-\$15,000 IF IT IS TO BEGIN. P. 5.

This issue has a deadline coordinated with "FM
Atlas," 15th edition
New FM Station, Translator Grants
Translators have less than 100 watts unless
indicated otherwise

- AL Huntsville W201AR *88.1 (WAYM 88.7
Columbia TN), h,v
AL Tuskegee W218AL *91.5 (KEAR 106.9 San
Francisco CA via satellite, despite nearby
WFRC 90.5 Columbus GA, which it could
have relayed instead)
AK Chenega Bay (SE Whittier) K201CH *88.1
(KCHU AM Val des), v
AR Blytheville K218BN *91.5 (WAFR 88.3
Tupelo MS), 250 h,v
AR Crossett K219BZ *91.7 (WAFR), 250 h,v
AR Marianna 105.3 6000 h,v; 100 m, the Simes
CA Death Valley K204BW *88.7 (KNPR 89.5
Las Vegas), 100 h, but must be at a good
height, as site is 39 km SW at "Rodgers Peak
Radio Site."
CA Mammoth Lakes K210BK *89.9 (KNIS 91.3
Carson City NV)
CA Mendocino K248AD 97.5 (KLLK-FM 96.7
Fort Bragg), h, on air
CAPetalumaKXFX-1101.750 h, d-a (directional
antenna), reinstatement of permit for this
booster of a Santa Rosa station
CA Windsor 104.1 250 h,v; 337 m, Judy Y.
Hughes (91.1 Morrison), 250 v
CO Avon-Vail K215BV *90.9 (KWBI/
CO Dover Creek K294AB 106.7 (KJYE 92.3
Grand Junction), v
CO Glenwood Springs *91.9 220 h,v; 788 m,
Valley Christian Radio, g
CO Holly K209BI *89.7 (KTLF 90.5 Colorado
Springs), 250 h,v
CO Montrose K248AE 97.5 (KJRA 105.7
Ouray), 250 v (ado Springs), 250 h,v
CO Walsh K207BK *89.3 (KTLF 90.5 Color-/
FL Apalachicola W283AC *104.5 (WFSU 88.9
Tallahassee), 250 h,v
FL Vero Beach *90.5 3000 h,v; 90 m, School
Board of Indian River (see also "Deletions,"
below)
GA Atlanta W264AE *100.7 (WJSP-FM 88.1
Warm Springs), 50 watts
GA Dublin W220AR *91.9 (WAFR 88.3 Tupelo
MS), 170 h,v (State U.
ID Cottonwood *90.1 250 h,v; 612 m, WA/
IL Breese 97.5 6000 h,v; 100 m, Sabbath, Inc.
MD Baltimore WAFE-FM *90.5 experimental
station for EBS testing, to Morris H. Blum,
also permittee of a WAFE AM on 1630 kHz.
Power not announced but probably around
10 watts. (Cheboygan), h,v
MI Alpena W251AD 98.1 (WGFM 105.1/
MI Houghton *91.9 100 h,v; 5.4 m, MI
Technological U.
MS Pascagoula W205AP *88.9 (KEAR 106.9 San
Francisco), 120 v
MO Mountain Grove K201CI *88.1 (KSMU 91.1
Springfield MO), h,v (there), 230 h,v
MT Bozeman K294AC *106.7 (KBMC 102.1/
MT Pryor (40 km S. Billings) K294AD *106.7
(KCSP 90.3 Casper WY)

- NE Harrison (extreme N.W. NE) K208CB *89.5
(KTNE-FM 91.1 Alliance), 200 v
NJ Harmony Township (between Easton PA and
Belvidere NJ) W245AC *96.9 (WWFM 89.1
Trenton NJ), v
NJ Netcong WFFR *88.1 2200 v, 134 m, Family
Stations, Inc., g
NJ Oakhurst W244AS 96.7, back on air, now
with WRDR 104.9. "I'm surprised that their
signal from Egg Harbor City reaches all the
way to the Oakhurst translator. . . I can see
why they would want to be on the Oakhurst
translator, and combined with their simulcast
on WWOC 94.3 Avalon NJ, WRDR has good
coverage of south and central New Jersey."
NM Clovis K216CN *91.1 (WAFR 88.3 Tupelo
MS), 250 h,v
NM Raton K288EO *105.5 (KHFM 96.3 Albu-
querque), owned by Raton Arts & Humanities
Council
NM San Augustin, also serving Bernal (SW of Las
Vegas NM) K274AC *102.7 (KENW-FM 89.5
Portales), h
NM Wagon Mound K221DM *92.1 (KENW-FM),
160 h, site 21 km W, on Turkey Mountain
NY Corning *91.1 12600 h,v; 177 m, WSKG-FM
(see also "Deletions," below)
NY Phoenix 102.1 3000 h,v; 100 m, Short
Bcstg., Inc.
NC Asheboro *89.5 2500 h,v; 120 m, d-a, null
210°, Positive Alternative Radio, Inc.
NC Beech Mountain (ski area, west of Boone on
TN border) 102.3 730 h,v; 279 m, Frances G.
Atkinson
NC Winston-Salem *89.3 6900 h,v; 41 m, d-a,
null 200°, Triad Family Network, Inc.
OH Richwood 104.3 3000 h,v; 100 m, Janice M.
Scantland (Baker City), v
OR Enterprise K286AC 105.1 (KCMB 104.7/
OR The Dalles *K256AC 99.1 (KBVM 88.3
Portland), h,v
PA New Brighton W298AE 107.5 (WDSY 107.9
Pittsburgh), v
PA Waynesboro W210BE *89.9 (WOEL 89.9
Elkton MD), h,v (Falls College)
SC Belton *88.5 5000 h,v; 91 m, g, Toccoa/
TN Lookout Mountain W257AZ (WKXJ 97.3
South Pittsburg), 250 h,v
TX Amarillo 99.7 6000 h,v; 100 m, Wm. R. Lacy
TX Friona KGRW 94.7 50000 h,v; 11 m, Albert
Crain, reinstatement of grant (had been
authorized on 95.1)
TX Haltom City 93.3 50000 h,v; 150 m, Hispanic
Coalition, Inc., S, I, with KRSM *93.3 Dallas
to change frequency
TX Irving K213BP *90.5 (KMSI 88.1 Moore
OK), 140 h,v, despite nearby K217BS 91.3
North Richland Hills having KNYD 90.5
Broken Arrow OK on it, both primaries
having the same ownership
TX San Antonio K279AB 103.7 (KBOP-FM 98.3
Pleasanton), v
UT Ephraim *89.5 100 h,v; -354 m, Snow
College. Snow College is also advertising for
equipment donations. Contact G. Chidester,
150 College Ave., ZIP 84627; (801) 283-
4021, extends on 677. (Hackman)
WI Ashland 93.3 100000 h,v; 299 m, Gerald/

- WY Gillette K232CT *94.3 (KCSP 90.3 Casper),
140 v
K272DN 102.3 (KTRS 95.5 Casper), h
WY Riverton K260AE 99.9 (KTRS), h
WY Rock Springs K299AG *10.7 (KCSP 90.3
Casper)
NB Balmoral 103.9 7300 h, F, Cooperative
Radio Restigouche, with start-up costs es-
timated at \$430,000.
NB Shediac 89.5 18000 h,v, Radi Beausejour,
Inc., a community station, F, using the CBC
antennasite at Lutes Mountain near Moncton.
Construction costs are \$407,000 with first
year revenues expected to be \$512,000, of
which \$250,000 would come from advertising.

Call Letters Assigned or Changed

- AL Bay Minette 105.5 WNSP (from WNWV)
AZ Phoenix 95.5 KYOT-FM (KOY-FM; duopoly
with KYOT AM and KZON 101.5 FM), rs
AR Hardy 104.7 KOOU
CA Beaumont 100.9 KAEH
CA Eureka 105.5 KGOE (KECU)
CA Fresno 101.9 KOQO-FM (KQPW; AM is in
Clovis CA), S, I
CA Marina 92.7 KRQC-FM (KBOQ), r, AM is in
Salinas; part of a duopoly with KDON 100.7
Salinas
CA Riverside 92.7 KOOJ (KAKT), "OJ 92.7."
The "umteenth change of calls for [them].
Still country format."
CA Susanville 93.9 KJDJ (KSUE-FM)
CA Ventura 95.1 KBBY-FM (KBBY)
CA Walnut Creek 92.1 KKIS-FM (KKIS-FM;
AM in Pittsburg gets new calls)
CO Denver KHOW-FM 95.7 going to jazz and
said to be changing calls to KHH; however,
Boulder 94.7 has not yet changed its calls
from KHH
CO Silverton 103.7 KTRN
DC Washington 99.5 WGAY (WGAY-FM")
FL Key West 107.9 WSKP (WWFT)
FL Palatka *91.3 WAEQ
99.9 WFKS (WNFI), "99.9 Kiss FM"
FL St. Petersburg 107.3 WYNF (WWRM), o,
"107-YNF"
FL Tampa 94.9 WWRM (WYNF), mr, "Warm 95"
GA Brunswick 104.1 WSEG (WAEE)
GA Canton 105.7 WGST-FM (WCHK-FM), now
mono news talk, drops stereo for LMA
relaying of WGST AM, including Rush
Limbaugh, for better coverage of north GA.
GA Douglas 92.5 WKZZ
GA Greenville 95.7 WKZJ (WEJG)
HI Aiea 107.9 KGMZ (KGUY)
ID Idaho Falls 105.5 KOSZ-FM (KPVT), AM is
in Vermillion SD; to 253 m (100000 h,v)

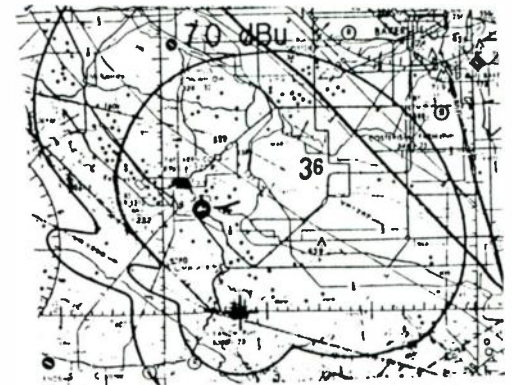
IL Carterville 95.1 WXLT (WEZS), "Light Hits 95"
 IN Fort Wayne *89.1 WBNI (WBNI-FM)
 IN Salem 98.9 WKJK (WXCD)
 IN Union City *88.9 WAEP
 IA Parkersburg KRNO (KARP), is on 98.9, not 104.9 (Aug. p. 1, col. 3)
 IA Spencer 104.9 KIGL (KJGG)
 KS Arkansas City 102.5 KAEC
 KS St. Marys 102.9 KTPQ
 KS Wichita *91.1 KCFN (not "KCFM" as shown last month, p. 1, col. 3)
 LA Lafayette *90.9 calls are KSJY (not "KSJV," as shown p. 3, col. 1, August)
 LA New Orleans 95.7 WTKL-FM (WMXZ; AM is in Baton Rouge), o, "Kool 95.7," has 1(1), 57 kHz, RBDS data.
 ME Searsport 101.7 WBVA (WZYA)
 ME Westbrook 100.9 WYNZ (WYNZ-FM), to 6000 h,v; 79 m
 MD Salisbury 105.5 WLWV"-FM" (WLWV-FM; AM gets new calls)
 MI Baraga 104.3 WODQ (WZAN)
 MN Albert Lea 94.9 (moving from 95.3) KCPI (back to, from KRGR)
 MN Bemidji *91.3 KNBK (KAAP)
 MN Glencoe 96.1 KARP (KQXA), on air in \$, kr, "Hits 96" (not strict; uses usually call letters), ID with Hutchinson, on 24 hours; write them at PO Box 366, Hutchinson MN 55350.
 MN Slayton 103.1 KAED
 MN Sleepy Eye 107.3 KKCT (KWCC)
 MS Starkville *91.1 WMSV (WADF)
 MS Water Valley 105.5 WYCG
 MO Brookfield 96.9 KZBK-FM (KZBK)
 MO Cuba 102.1 KFKE (KXIY)
 MO Memphis 96.7 KMFM-FM (KMFM)
 NH Winchester 98.7 is WXOD, not "WXDD," as shown Aug., p. 2, col. 2
 NM Clovis 107.7 KERC (KZZO)
 NM Las Cruces 99.5 KR0L (KVLC)
 NY Arlington 96.9 WDSP (WKIP-FM), p. \$stereo restored, LMA to buy with WDST 100.1 Woodstock, which it now simulcasts
 NY Fort Ann *91.7 WNGX (WZYB)
 NY Mount Kisco 106.3 WMJU (WVIP-FM), "NY's SuperStation 105.5, 106.3," ID with WMJV 105.5 Patterson-Pawling.
 NY Saranac Lake 106.3 WSLK (WDGE)
 NY Southampton *89.9 WRLL"-FM"
 ND Bismarck 101.5 calls are KBMK (not "KBMX"), Aug., p. 2, col. 2
 NC Lenoir 103.3 WKVS
 ND Wishek 100.3 KAEI (was planning to use KDRQ-FM). Although not yet on air, they ID for AM and FM on KDRQ AM. "The guy that cuts their voices jumped the gun with dual IDs and they decided to go ahead and run them anyhow. . . My thought was that it would create confusion." To be k[oun]try].
 OH Cadiz 106.3 WCDK (WWYS), k, "CD Country"
 OH Gibsonburg 95.7 WYHK (WRED), "Y-95.7"
 OH Lima 93.1 WYRX (WFRY), op, "93 Rocks," with "no more Alabama, Billy Ray or Garth, and thankfully no more Tom Croakaw," as the "Froggie" jumps off to never-never land.
 OH Sandusky *89.5 WVMS
 OK Poteau 97.9 KZTR, but still using KZBB calls and "Star 98"

OK Oakridge *92.1 KAVE (KSDC)
 OR Rogue River 94.7 KRRM
 PA Allentown *88.1 WDIY
 PA Easton 99.9 WODE"-FM" (WODE-FM; AM gets new calls)
 PA Erie 94.7 WFGO (WVZB), o
 PA Harrisburg 104.1 WNNK"-FM" (WNNK-FM; AM gets new calls)
 PA Olyphant 95.7 WKQV (WINH), \$, op
 PA Waynesboro 101.5 WAYZ"-FM" (WAYZ-FM; AM gets new calls)
 SC Anderson 107.3 WJMZ"-FM" (WWMM), s, "107.3 Jamz"
 SC Mount Pleasant 104.5 WJUK (WDXZ)
 TN Jackson 101.5 WNWS-FM (WVYG; AM is in Brownsville TN) [in Cleburne
 TX Glen Rose 92.1 KCLE-FM (KCLW); AM is/ TX Goliad 95.9 KHMC
 TX Rockport 102.3 KXCC (KPCB)
 TX Rosenberg 104.9 KMPQ-FM (KMIA), "Radio Impacte," still S, I, but "Spanish tropical"
 TX San Antonio 96.1 KSJL"-FM" (KSJL-FM; AM gets new calls)
 TX Temple 101.7 KLTD
 TX Tyler 92.1 KDOK (KGLD), m
 UT Delta 95.7 KFMD (KLGK)
 UT Manila *90.3 K212BA
 UT Smithfield 103.9 KNUC (KVEZ)
 VA Dublin *91.5 WPIN (WBKW)
 VA Martinsville *90.5 WPIM (WPBI)
 VA New Market 103.3 WEZI
 VA Salem *91.3 WPIR (WPIB)
 WV Bluefield *91.1 WPIB (WPIR)
 WI Ladysmith 93.1 WJBL (WLDY-FM)
 WI Whitewater 106.5 WISQ (WRLM)
 WY Green River *94.3 K232CU (K232BN), to 210 v [bord, 32 km away
 PQ Alma 95.5 CKYK, \$, antenna is in Cham-/ PQ Rapide-de-Joachim 107.5 CHIP-1 (CHIP-2)
 YU Merida 93.7 calls are XHNRI, not "CHNRI," Aug., p. 2, col. 3

Facilities Changes Granted

AL Camden WYVC 102.3 97 m (3000 h,v)
 AK Anchor Point K296BH *107.1 has WJSO *90.1 Pikeville KY (not WMBI-FM 90.1 Chicago) [WMBI-FM]
 AK Chignag K220CL *91.9 has WJSO (from/ AK Dillingham K261BE *100.1 has WJSO (not WMBI-FM)
 AK Healy K269AD *101.7 250 h,v
 AK Homer K237CL *95.3 has WJSO (not WMBI-FM) [(not WMBI-FM)
 AK Juneau K244CU *96.7 has WJSO/
 AK Kachemak City K244CQ *96.7 has WJSO (not WMBI-FM) [(not WMBI-FM)
 AK Kenai K237CI *95.3 has WJSO/
 AK Ketchikan K220AB *91.9 has WJSO (not WMBI-FM) [(not WMBI-FM)
 AK Kodiak K296DC *107.1 has WJSO/
 AK Seward K249BY 97.7 is for WJSO (not WMBI-FM) [(not WMBI-FM)
 AK Valdez K220AD *91.9 has WJSO/
 AR Dermott KXSA 103.1 5500 h,v (100 m) [C
 AR Fayetteville KKEG 92.1 20500 h,v; 100 m/
 AR El Dorado KISQ 93.3 13300 h,v; 137 m, C3
 AR Huntsville KREB 99.5 (from 92.9) 3300 h,v; 135 m [000 h,v)
 AR Jonesboro KASU *91.9 211 m, d-a (100-/ AR Texarkana KUKB 106.3 50000 h,v; 150 m, C2, granted extension of time to build
 AR Waldron K201CB *88.1, 250 h,v (from K205CC 88.9)
 CA Arcata KXGO 93.1 50000 h,v (320 m), C2
 CA Barstow K201CG *88.1 (from K204BC 88.7)

CA Duinsmuir KRKD *100.1 is noncommercial, and it intends to apply for a second FM there, "since they are educational."
 CA Desert Hot Springs K232CV *94.3 (from K221CT 92.1), 250 v
 CA Ford City KZPE 102.1 6000 h,v; 100 m, directional effect because of terrain, claims to have a 1 mV/m signal over Bakersfield, as



shown [AL 95.9)
 CA Lompoc K216CO *91.1 (from K240/
 CA Mount Shasta KNSQ *88.1 50000 h,v; 271 m, C2
 CA Orcutt KGDP-FM 95.7 224 m (3400 h,v)
 CA Orland KXHM 106.7 (from 106.5) 25000 h,v; 63 m [CX 104.9)
 CA Santa Maria K217BU *91.3 (from K285-/ CA Ukiah KUKI-FM 103.3 2700 h,v; 560 m
 CO Aspen K276IL 103.1 has KZYR 103.1 Avon (most likely receiving it via K296CL 107.1 Breckenridge, having changed primaries from deleted station KRMH-FM 93.5 Leadville)
 CO Colorado Springs KKFm 98.1, op (having moved from 96.5)
 CO Lamar K207B1 *89.3 250 h,v
 CO Oak Creek KFMU 104.1 1400 h,v (327 m)
 CT Meriden (not Middlefield, as shown p. 107 FM Atlas-14) WPKT *90.5
 FL Fort Pierce WJFP *91.1 6000 h,v (15 m)
 FL Palm City (move from Stuart) WCNO *89.9 187 m (100000 h,v)
 FL Tallahassee WHBX 96.1 36500 h,v; 146 m
 GA Cornelia WCON-FM is on 99.3 (not on 99.7 as shown last month, p. 3, col. 1)
 GA Helen WHEL 105.1 1700 h,v; 187 m; Helen is supposed to be a Bavarian town with shops having a quaint motif; WHEL to be oom-pah music in stereo?
 GA La Grange WYAI 104.1 d-a
 GA Tennille WJFL 101.9 (from 99.9), o[Idies]
 HI Hilo K220DH *91.9 has WJSO 90.1 Pikeville KY (not WMBI-FM 90.1 Chicago) [m, C3
 ID Idaho Falls KFTZ 103.3 100000 h,v; 253/
 ID Twin Falls KAWZ *89.9 11600 h,v (303 m)
 IN Bloomington WFHB *91.3 2500 h,v, d-a (81 meters above average terrain)
 IN Churubusco WKQM 96.3 6700 h,v; 169 m
 IN Fort Wayne WFWI 92.3 2700 h,v; 147 m
 IA Red Oak KOAK-FM 95.3 20400 h,v; 111 m
 KS Dodge City K242AE *96.3 (from K257BH 99.3) [null at 135°
 KS Hays KHAZ 99.5 10000 h,v; 57 m, -da/
 KS Olathe KCCV-FM 92.3 8100 h,v; 172 m, C3
 LA Bayou Vista KQKI 95.3 25000 h,v (91 m), C3
 LA Larose KLRZ 100.3 100000 h,v; 240 m, C1
 ME Madison WHAA 97.5 6000 h,v (100 m)
 MA Worcester WAYW *91.9 1000 h,v; 81 m, no d-a
 MI Auburn Hills (town name change from Auburn Heights) WAHS *89.5, no longer IDing with Rochester, saying "89.5 WAHS Avondale High School in Auburn Hills." Still mono, off for summer, coming back Sept. 20: "High school kids playing their favorite music— heavy metal rock and rap. . . Strong mono signal here in south Warren with whip antenna and on car stereo radio."
 MI Bronson WVCM *94.7 4800 h,v; 111 m,

transmitter Lagrange County IN [C2
 MN Fosston KKCC-FM 107.1 50000h,y; 147m /
 MN Winona K270AB *101.9, 250 h,y (from
 K292CT 106.3) [598 m
 NH Moultonborough WSCY 106.9 150 h,y /
 NJ Trenton WKXW 101.5 19000 h,y; 245 m
 NM Clifton KWJA 102.3 54 m (25000 h,y)
 NY Auburn WDWN *89.1 (from 88.9) 3000 h,y,
 d-a (27 m) [AM 90.7]
 NY Catskill W287AB *105.3 (from W214- /
 NY New York WNYC-FM *93.9 5400 h,y; 432 m,
 from the World Trade Center
 WQHT 97.1 6700 h,y; 408 m, moving to Empire
 State Building from World Trade Center
 NY Southampton WPBX *88.3 (from 91.3)
 6000 h; 25000 v (218 m), directional away
 from the new Shirley NY *88.3 station.
 NY Spencer WCII *88.5 d-a
 NC Belhaven WKJA 101.1 31000 h,y; 187 m
 NC Jacksonville WFXZ 92.3 35000 h,y; 72 m
 WXQR 105.3 (from 105.5) 19000 h,y; 242 m,
 C2 [m, changes from B1 to C3
 NC Moyock WMYK 92.1 14500 h,y; 131 /
 NC Winston-Salem WSNL *90.5 (from 89.3)
 OH Berea WBWC *91.5 (from 88.3) 3000 h,y; 79
 m, d-a [d-a, B1
 OH Cleveland WRUW *91.1 14500 h,y; 84 m /
 OH Union City WTGR 97.5 6000 h,y (100 m)
 OH Upper Arlington WRVF 98.9 580 h,y; 230 m
 OR Cave Junction K208CC *89.5 (from K215AR
 90.9)
 OR Eugene K265DF 100.9 (from K230AB 93.9)
 OR Bend KTWS 98.3 6800 h,y; 191 m
 OR Lincoln City KSND 95.1 6000 h,y; 258 m
 OR Milton-Freewater KCLKY 97.9 8000 h,y; 339
 m, C2
 PA Hawley WYCY 105.3 2900 h,y; 146 m
 PA Hazleton WWSH 97.9 27500 h,y; 201 m, d-a
 SC Moncks Corner WJYQ 105.3 (from 105.5)
 20000 h,y (114 m), C3
 SC Pamplico WMXT 102.1 50000 h,y; 150 m, C2
 TN Bartlett WJWL 92.9 6000 h,y (100 m)
 TN East Ridge WJRX 107.9 2900 h,y; 295 m, d-a
 TN Jefferson City WNDD 99.3 940 h,y (100 m)
 TX Atlanta KPYN 100.1 (from 99.3) 50000 h,y;
 144 m, C2
 TX Austin *91.7 85200 h,y (27 m)
 TX Big Spring KBST-FM 95.9 8000 h,y; 147 m,
 C3
 TX Howe KHYI 95.3 3900 h,y; 126 m
 VT Middlebury WRMC *91.1 (from 91.7)
 VA White Stone WNDJ 104.9 (from 105.9) 6000
 h,y; 86 m
 WA Everett KIRO-FM 100.7 (from KLTXt)
 WA Walla Walla KHSS 100.7 1300 h,y; 419 m, C3
 WA Wenatchee K265BD 100.9 has KYSN 97.7
 East Wenatchee (from KWWW-FM 96.7
 Quincy)
 K280BZ 103.9 has KONA-FM 105.3 Kennewick,
 rather than KWWW-FM
 WV Bethlehem WHLX 105.5 13500 h,y (91 m),
 class to B1
 WV Bridgeport WDCI 104.1 1200 h,y; 158 m
 PR Rio Grande 97.3 800 h,y; 581 m, CP to
 United Broadcasters Co., with FCC dismissing
 other applications, including previously-
 granted CP to Rio Grande Broadcasting
 BC Gold River CJGR 100.1 1200 h,y, but mono,
 r, "GR 100 FM" (and AM 1490), rebroadcasts
 CFWB AM Campbell River

Stereo—Or to be \$[tereo]

FL Edgewater WEDG 93.1, o
 GA Alma WQAR 104.3, having moved from 95.9
 GA Hogansville WEIZ 97.5, rk, still "Easy 97.5"
 ("how original")
 IL Marseilles WKOT 96.5
 IL Morris WJDK 103.1, rm, IDing with various
 cities. "It's all satellite with CNN News. No time
 checks or live announcing."
 IN West Lafayette WHPL *89.9, g, "Praise 90."
 It "came on very fast."

IA Burlington KDMG 103.1. "Sounds like
 country version of KKMI (93.5 Burlington),
 with same staffers using different last names."
 ME Howland WSNV 103.9, rm, with an eight bay
 antenna on Passaduskeag Mountain in Grand
 Falls Township, "not in Howland as far as the
 transmitter is concerned."
 ME Topsham WPME 95.5 k, simulcasts WCME
 96.7 Boothbay Harbor "100 percent." ID
 with Portland, both sets of calls mentioned
 "at every break. . . It would be interesting to
 see the overlap of WCME, 25 kw in Newcastle
 ME, and this one, at 5.5 kw in Brunswick. I
 would guess there is about 40 km between the
 two towers."
 MN Stewartville KYBA 105.3, "Y-105"
 MO Mount Vernon KELE 106.7, rm, uses calls
 and has an open carrier SCS, 67 kHz
 OK Holdenville KXKY 106.5, k, relaying KRAF
 AM
 TN Bolivar WGJG 94.7, g
 WA Seattle KUOW *94.9, tc, "still carries plenty
 of c music, although there is now more talk
 programming than before. A group called
 'Friends of Classical Music' is unhappy with
 the direction the station is headed."
 WY Casper KCSP *90.3
 WY Jackson KZJH 95.3, rm, "KZ 95"
 PQ Etchemins CFIN 100.5, "antenna on Mt.
 Orignal," rt, "rock to French music and
 talk-news for the community."
 Monophonic
 OK Alva-Enid KXLS 99.7, remove \$ listing
 PQ Quebec CKIA 96.1, with "antenna on the
 highest building in Quebec City, Complex G"
 PQ Village des Hurons CIHW 100.3, program-
 ming in the Huron language

Format Changes

Formats are the same as in the "FM Atlas"

AL Gadsden WQEN 103.7 r
 AZ Bisbee KWCD 92.3 k, part of a duopoly with
 KFFN 100.9 Sierra Vista-KTAN AM
 AZ Coolidge KAZR 103.9 r, had been silent
 AZ Tucson KCRZ 107.5 k
 CA Los Angeles KCBS-FM 93.1 op, classic rock,
 "Arrow 93," with "ARROW" standing for
 All Rock & Roll Oldies (from "CBS-FM").
 CA Palm Springs KPSI-FM 100.5 p, modern rock
 CA Ridgecrest KZIQ-FM 92.7 mr
 CO Brush KSIR-FM 107.1 o
 CO Denver KHOW-FM 95.7 rm, still "K-How"
 KRFX 103.5 op, "103-5 the Fox"
 KXKL-FM 105.1 o, still "Kool 105"
 KAZY 106.7 rp, "106-7 KZ . . ."
 CO Longmont KQKS 104.3 sr
 CO Wray KATR 98.3 o
 CO Fort Collins KIMN 107.9 r
 GA Soperton WKTM 101.7 mr
 CO Steamboat Springs KSBT 96.7 k, "Big
 Country Radio" (from "K Steamboat")
 CO Vail KSKE-FM 104.7 op, "99-3, 104-7
 K-Ski"
 FL Cocoa Beach WJRR 101.1 rp, with "Ron &
 Ron in the morning, rock all day"
 FL Mexico Beach WEBZ 99.3 m, SMN standards
 GA Augusta WZNY 105.7 o [FM]
 GA Fort Valley WVVY 97.9 rm, "Variety 97"
 GA Greensboro WDDK 103.9 mr
 ID Payette KQXR 100.3 p, "Pirate Radio Power
 100." They dropped their AM and have
 moved FM studios to a pool hill in Boise, but will
 remain licensed to Payette. They have even done
 live remotes from downtown Boise, but they
 have a weak signal here."
 IL Eldorado WEBQ-FM 102.3 rm

IN Greenfield WZPL 99.5 rs, no "ZPL," saying
 "99% WZPL Party Radio." If "you want a
 constant fast bouncing disco beat this is the one
 to tune to. . . Indly is good for classical music with
 WFYI-FM *90.1, plus a rare classical AM outlet,
 WSYW 810, it sister on 107.1 simulcasts it, but
 the AMer has a better signal in all the Indy area
 except the far west suburbs. WSYW-FM could
 not be heard at all on my car radio most places
 while the AM came in good or with just a wee bit
 of noise."
 IN Michigan City WEFM 95.9 still o, but has
 classic rock at night. "The announcers never
 give their names and they seem totally
 disinterested in the music they're playing."
 IN New Haven WJFX 107.9 sr
 IN Wabash WWIP 105.9 r, on air
 KS Augusta KLLS 104.5 m, \$
 KY Valley Station WVSL 105.9 pr, "QMF 105.9,
 affiliated with WQMF 95.7 Jeffersonville IN
 LA Bastrop KRUV s, "Hot 100" (from "The
 River 100.1"
 LA Farmerville KJWM 92.7 rm [105.3"]
 LA Monroe KLIP k, "Bayou 105.3" (from "Hot/
 KMGC 106.1 k, "Y-106" (from "Magic 106")
 MD Worton WKHS *90.5 pr, adds WXPX *88.5
 Philly programming nights and weekends on a
 three-month test
 MA South Yarmouth WATB 103.9 m, simulcast
 with WATD 95.9 Marshfield
 MO St. Louis KSLH *91.5 all j, "not 24 hours;
 they sign off somewhere between midnight
 and 2 a.m.; sign on at 6 a.m. . . KSLH's signal [is]
 the weakest of the St. Louis area FMs. . . I think
 they are doing the right thing by not going to
 stereo if they're stuck with a weak signal. . . The
 present stereo FM system is a very lousy one for
 automobile use; it is quite obvious that many
 music lovers have switched to cassette or CD
 players for that reason. I tried calling KSLH; all I
 get is an answering machine at St. Louis Public
 Schools with a voice telling me to push numbered
 buttons for various departments, so I hung
 up—some of this blasted modern technology
 really makes me wish I could time-travel to the
 1940s when radio DXing was lovely!" Another
 reader writes: "Yes, they're still on the air,
 playing traditional jazz, and you're right they're
 strictly mono. I really don't have any interest in
 listening to them. The School Board is trying to
 sell it."
 NE Grand Island KSYZ 107.7 mr
 NV Las Vegas KRBO 105.1 o, on air as "Gold
 105"
 NJ Millville WBSS 97.3 r
 NY Patterson-Pawling (no longer IDs with
 Fairfield CT) WMJV 105.5 rm, having bought
 WMJU 106.3 Mount Kisco, which it simul-
 casts, "NY's SuperStation 105-5 and 106-3"
 (strict).
 NC Greenville WNCT-FM 107.9 b (back to); 1R,
 92 (retains 1M, 67), "Easy 108" (from "FM
 108")
 NC Highlands WHLC 104.5 b
 OH Oak Harbor WJZE 97.3 rj, "Jazzy 97.3"
 OH Piqua WCLR 95.7 o, "Kool 95" (from "Clear
 95.7"), duopoly with WZLR 95.3 Xenia
 OH Xenia WZLR 95.3 o
 OK Bixby KBXT 105.3 r, expected on in
 November
 OK Nowata KRIG 94.3 k, back on
 PA Palmyra WCTX 92.1 b, "X-92"
 PA York WQXA-FM 105.7 r, back to from rm
 SC Ridgeland WECH 104.9 o
 SD Sioux Falls KPAT 97.3 k, "Kat"
 TX Raymondville KSOF-FM 102.1 o
 VT Burlington WEZF 92.9 r
 VA Bridgewater WAMM-FM 105.1 k
 VA Christiansburg WBKN 100.7 k, still "Cool
 100"
 VA Fredericksburg WYJY *90.5 gr
 WA Seattle KEZX-FM 98.9 mj, "soft jazz and
 acoustic music. Easy music for those who
 hate elevator music. NonID (not strict) '99
 FM."
 WV Martinsburg WKMZ 97.5 r

WV Milton WAEZ 106.3 op
 WV Charles Town WXVA-FM 98.3 o
 WY Casper KMGW 94.5 m, still "Majic 94"
 WY Jackson KMTN 96.9 still r, but has c Sunday
 afternoons and jazz 7 p.m. to midnight
 Sunday
 WY Rawlins KIQZ 92.7 o
 WY Riverton KTRZ 93.1 m
 WY Wheatland KYCN-FM 101.7 m
 BN Mexicali XHSOL 89.9 s, "rap, funk and
 urban"
 XHJC 91.5 p, "modern rock"
 XEWV-FM 106.7 k, "ranchera music"

On Air and DX Ready (Selected)

GA Claxton WCLA-FM 107.3, having moved
 from 107.1
 GA Warner Robins WRCC-FM 101.7, rebroad-
 casting WKZR 102.3 Milledgeville at times,
 "but not totally"
 IL Pittsfield WIPA *89.3—its directional signal is
 at 249° to protect WDLN-FM 89.3 East
 Moline IL. "WIPA uses an off-air pickup and
 simulcasts WSSU [*91.9] in Springfield IL. We
 are currently in the midst of a project to improve
 the signal into the WIPA transmitter site by

WIPA 89.3

putting our receiver in Jacksonville IL, and using
 a studio-transmitter link frequency the rest of the
 way to WIPA. The long path involved has caused
 problems during different propagation
 conditions."

[24 hours
 IN Crown Point WWJY 103.9 now on/ [silent
 IA Clarion KIAQ 96.9 back on with k; had been/
 KS Beloit KSVS-FM 105.5 now with 43800 h.v;
 158 m, but saying "50,000 watts"
 LA Shreveport KMJJ 100.1, having been on 99.7
 NJ Chatsworth W300AC *107.9, but 'since it's
 co-channel with the Philadelphia translator
 [of WWFM 89.1 Trenton], I can't separate them
 without a field trip." Also on *107.9 in the
 area—W300AA Levittown and WHHS Haver-
 town PA.

NY Briarcliff Manor WXPS 107.1 at a new site to
 the N.E., sharing tower with WARY
 *88.1 Valhalla NY. "Unfortunately for WXPS,
 the engineering was not up to par. The new
 location has created holes in their signal in the
 populous portions of the county. On top of that,
 Westchester Community College has pulled their
 tower lease! Reason: interference within build-
 ings on the college campus... Why not move
 back to the previous transmitter site? Can't do
 that. The financially-strapped WXPS sold the
 tower and real estate to a cellular telephone
 company. The old WXPS tower is chock full with
 antennas! [They are] going through another
 engineering study to see if they can move the
 antenna again. Problem is, there aren't many
 towers in Westchester County and they won't let
 you build new ones. Yikes!"

NY Southold WBAZ 101.7, advertising for sales
 executives for "new duopoly," believed to be
 with WEHM 96.7 East Hampton.

ND Emerado-Grand Forks K293AC 106.5, "and
 covering from 30 to 40 miles. Initial costs are
 met, continued financial support will be
 needed for monthly operating fees."

TX Sherman KIKM 96.7 back on with k, \$
 ON Toronto CHUM-FM 104.5 celebrates 30

years on the air, having begun in '63 as a
 classical music station.
 PQ Joliette CJLM 103.5 still b, but carrying
 evening programming (6 to midnight) from
 CIME 99.5 Ste-Adele

THAILAND—41 FM and 35 AM stations are
 heard in Bangkok. Some of the stations are
 Gold FM 95.5 with hits of the '70s and '80s
 from 6-10 a.m. and jazz after that. Chalong-
 korn University offers classical music nitely
 on 101.5. Easy listening is on Smooth 105
 FM. SAP-style English soundtracks for Bang-
 kok's TV stations is heard on FM. Channel 3
 is translated on 105.5, Channel 7 on 103.5,
 Channel 9 on 107 m and Channel 11 on 88
 m. [From Karl Zuk's column, "American
 Bandstand," in the August *Monitoring Times*
 magazine].

Off Air—Or Not Yet On

FL Century WKGT 105.1, hopes to be
 bought by WNVY 1090 Cantonment FL,
 which recently returned to the air; FM
 changes calls to WKGT (from WKGT-FM),
 and to upgrade to 25000 h.v
 FL West Palm Beach WAYF *88.1
 GA Springfield WQQT 103.9
 IL Quincy WZLZ 103.9
 IL Urbana *93.5 experimental
 IN Brazil WSDM-FM 97.7
 IN Greenwood WGGW 106.7
 IN Kokomo WIWC *91.7, but should be on the
 air later this month
 IN Terre Haute WISU *89.7
 KS Topeka KWIC 99.3, but expected on Oct. 15.
 Owner said to be "unsure" of format.
 MT Sidney KGCH 93.1, along with AM KGCX
 1480
 NH Gorham WJTK 107.1
 PA Patton WBRX 94.7
 RI Providence WELH *88.1
 TX Denison KTCY 104.9 "pending upgrade"
 WI Eau Claire WHEM *91.3

Deletions

AZ Flagstaff K288DO 105.5
 CO Buena Vista K261CB 100.1, with primary
 KRMH-FM Leadville already deleted
 FL Vero Beach W212AA *90.3 (see "New,"
 above) [to prosecute"
 MI Grand Rapids W223AB *92.5 for "failure/
 NY Corning W214AA *90.7 (see "New," above)
 WA Everett K276AC 103.1
 K292AL 106.3
 WI Eau Claire W244AB 96.7
 "I'm anxious to have the 15th edition of the FM
 Atlas and your latest FMedial Keep up your
 good work!"
 "I may subscribe to your publication if I like it."
 "Great to be getting FMedial again. The infor-
 mation is second to none. Congratulations."
 "Looking forward to the next FM Atlas."
 "Eagerly awaiting the new Atlas. Please leave me
 on the notify list, ad infinitum!"
 "Am looking forward to the new FM Atlas. I
 need one as I never found the time to get
 around to updating the old one."

SCServices, 57, 67, 69, 78.67, 92 kHz

*This month a complete list from Data Broad-
 casting Corporation of their QuoTrek 57 kHz
 service. Thanks to one of their engineers, I had
 the use of one of their receivers for about a
 month. It did not work in Duluth some 190 km
 from KTCZ 97.1 Minneapolis, which has it at 69
 (not 67) kHz, but did work when tried out
 locally; however, data injection is believed to be
 low and the print rate was annoyingly slow. They*

*are all coded "Z"; some involve 20% modulation
 and include the 67-92 kHz range, either centered
 at 67 or 69 kHz. I also received a complete listing
 of stations having RBDS subcarriers at 57 kHz.
 The new code for 57 kHz SCS, either Cue paging
 or RBDS, is t(), replacing t(D). Symbols below
 are otherwise the same as in the "FM Atlas."*

CA Auburn KHYL 101.1 tZ, 67
 CA Long Beach KLON *88.1 t(I)U,E
 CA San Diego KIFM 98.1 tZ (not tX), 67
 CA San Jose KOME 98.5 t(I)E,E
 CO Denver KCFR *90.1 tZ, 67 (not tX)
 CT New Britain WRCH 100.5 tZ (not tX), 67
 DC Washington WGAY 99.5 t(I)
 FL Atlantic Beach WFYV-FM 104.5 tZ, 67
 FL Fort Lauderdale WTPX 106.7 tZ (not tX),
 67
 W27—a translator of Channel 6 Miami said to be
 doing its own SAP, "WSAP," with nationally
 syndicated talk shows, including stuff from
 "For the People" network.
 FL Gainesville WUFT-FM *89.1 tT, 92 kHz (had
 tM,R, but "they've gone direct satellite").
 Has 50 hours a week local; the rest of the time
 is MN Talking Book for the Blind off satellite.
 FL Jacksonville WJCT-FM *89.9 tT, 67
 FL Mount Dora WMGF 107.7 tZ, 67
 FL Sarasota WHPT 102.5 tZ, 67
 FL Tampa WFLZ 93.3 t(I)M
 HI Honolulu KHHH 98.5 tZ, 67
 IL Chicago WBEZ *91.5 t(I)T
 WXRT 93.1 t(I), etc.
 WLIT 93.9 t(I)Z
 WLS-FM 94.7 t(I)X
 WNUA 95.5 t(I)
 WLUP-FM 97.9 t(I)
 WFMT 98.7 t(I)—its first known foray into SCS1
 WUSN 99.5 t(I)
 WPNT 1010.3 t(I)
 WKQX 101.1 t(I)
 WWBZ 103.5 t(I)
 WGC1 107.5 t(I),E
 IL Elmwood Park WCKG 105.9 t(I)
 IL Evanston WOJO 105.1 tZ (not tX), 67
 IL Oak Park WVAZ 102.7 t(I)Z
 IL Skokie WTMX 101.9 t(I)X
 IN Frankfort WSHW 99.7 t(I)Z
 IN Indianapolis WTLC-FM 105.7 tZ, 67
 IN Kokomo WWK1 100.5 t(I)M,R
 KS Leavenworth KQRC 98.9 tZ, 67 (tU, 92)
 KY Louisville WUOL *90.5 tR, 67 assumed
 LA Baton Rouge WGGZ 98.1 t(I)M
 LA Morgan City KFXV 96.7 t(I)
 LA New Orleans WLMG 101.9 t(I)
 MD Annapolis WHFS 99.1 t(I),X
 MD Baltimore WLIF 101.9 tZ, 67
 MA Boston WBUR *90.9 adds tE, 92 (has tE,
 67), drops t(I). The 67 is Sino Broadcasting in
 Cantonese; the 92 is Radio Sedaye Iran "with
 clear sound, but very low volume compared
 to the other SCAs."
 MA Cambridge WHRB 95.3 still tE, 67, Italian
 MA New Bedford-Providence RI WCTK 98.1 tZ,
 67 [(had tM, 67)
 MA Springfield WAQY-FM 102.1 no SCS/
 MI Detroit WKQI 95.5 t(I)
 WLLZ 98.7 t(I)M
 WWWW 106.7 t(I)
 MN Minneapolis KTCZ 97.1 tZ 69 (not 67, but
 heard on 67 kHz SCS adapters). "We had
 complaints about our data interfering with
 the main channel so moved our service to 69.
 We are paying for both 67 and 92 kHz, and
 they are supposed to be modulating their SCS
 with 20% injection." Data Broadcasting
 supplies commodities, stocks' news and is on
 SCS through a modem to your computer and
 on Lines 15 and 16, the VBI of C-Span.
 Brokers, elevators and individuals can sub-
 scribe; call sales at (800) 367-4670.
 NV Boulder City KRRI 105.5 t(I)
 NV Henderson KXTZ 94.1 tZ (not tX), 67
 NV Las Vegas KNPR *89.5 t(I)E
 KOMP 92.3 t(I)
 KEYV 93.1 t(I)X
 KKLZ 96.3 t(I)X

KXPT 97.1 t()
 KLUC 98.5 t()
 KFMS-FM 101.9 t()M
 KEDG 103.5 t()U
 V Pahrump KFBI 107.5 t()
 J Cape May Court House WBNJ 105.5 tE, 92, unknown nationality
 NJ Franklin Lakes WJUX *88.7 tU,U—two sets of telemetry signals, heard over W276AQ 103.1 Fort Lee NJ.
 NJ Newark WFME *94.7 drops Russian, 67, for Italian music, Radio Azzurra USA, affiliated with IBS (Italian Broadcasting System), and run by Dino Clemente. Studios are at 111 Essex St., Hackensack NJ; (201) 489-0400 or (718) 387-8888. "They signed on Saturday evening Sept. 4 with a party for their friends and relatives, which included champagne and dessert, and they invited any listeners to come over and join them. Regular 24 hour programming started Sept. 6 with music, news and sports. . . Coincidentally, the main antenna of WBGO *88.3 Newark was hit by lightning early in the morning of Sept. 4 and [for several days thereafter] could only be heard in and around Newark. Since one of their two SCAs is Italian (ICN), and nobody in Brooklyn or Queens could hear them, Radio Azzurra sure picked the right time to sign on. . . Radio Azzurra is unusually loud and clear. All the SCServices should sound that good." Now WBGO is back on with a new antenna, giving full power to its two SCses (tE,E).
 WHTZ 100.3 t()
 WNWK 105.9—its 92 is Colombian Spanish, having dropped the Italian service on 67, Radio Uno; now on 67.
 NYC—"We are starting a Jewish service and are negotiating with two FM stations. If you say 67 kHz is better than 92, we'll try for that." The going rate for NYC FM-SCS, this person discovered, is \$12,000 to \$15,000 a month rental. "There are lots of Jewish people around Skokie IL and I know I could start out there at less cost, but who knows what SCS channels might still be around NYC if I wait?" WNYE *91.5, whose signal is excellent in Brooklyn, center of the Jewish population, won't rent because of "separation of church and state." The Jewish service would be both cultural and religious. WFUV *90.7 Bronx wants paying SCS subscribers, but its signal is too weak in Brooklyn. WQXR 96.3—its 92 kHz is "committed," leading to speculation it is Colombian. WNEW 102.7 only wants data on its SCses. WYNY 103.5 Lake Success has Colombian on its 92, but wants to kick it off. "Seiko wants to do data." The 67 is "in house."
 OH Athens WOUB-FM *91.3 t()
 OH Cincinnati WVXU *91.7 t()
 OH Zanesville WOUZ *90.1 t()
 PA Media WPLY 100.3 t()
 PA Philadelphia WRTI *90.1 t()E,X
 WBEB-FM 101.1 tZ (not tX), 67
 PA Pittsburgh WDUQ *90.5 t()T,M
 RI Providence WQLY 105.1 tR, 92 (had tM 67)
 TX Beaumont KQXY 94.1 t()
 KAYD 97.5 t()U
 TX Houston KRBE 104.1 tZ, 67 (also on KPFT 90.1's 67)
 TX Port Arthur KLTN 93.3 t()
 TX San Antonio KISS 99.5 tZ, 67
 WA Seattle KMPS-FM 94.1 t()
 KUOW *94.9 t()T
 WI Delafield WHAD *90.7 tX, 92 (M and F, 67), same as on WHRM *90.9 Wausau
 WI Fort Atkinson WSJY 107.3 tC, 67, relaying of WTMJ AM Milwaukee via satellite mainly for sports and only open carrier at times; retains tS, 92. When the 92 is not carrying sports, you'll hear its carrier appear for 10-15 seconds then disappear and come back on, as if sampling for audio.

WI Madison WMGN 98.1 t(), no tM, 67
 AB Edmonton CKUA-FM *98.1 tZ, 67 (as well as CKUA-FM1 93.7 Calgary and other relayers)
 BC Vancouver CKKS 96.9 tZ (from tX), 67. It has applied to the CRTc for Chinese programming on SCMO, presumably at 92 kHz. Meanwhile, CHQM 1320 would also go Chinese. [92 still tE]
 ON Toronto CIUT *89.5 no 67 (had ethnic;/ PQ Montreal CFQR 92.5 tZ, 67 (not tX)
 "The modified Superadio III [with 110 kHz Toko FM selectivity filter in place of the original 180 kHz filter] is phenomenal—performance exceeds that of my Carver TX-11A!"
 A Christian broadcaster that hosted an SCS was kind of hard to get along with. "He was trying to convert me. To you I may be an atheist, to the Lord I'm the loyal opposition."
 "Thank Don for his fast work. Get him a drink!"

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 top of hour)

AL Mobile WBHY-FM *88.5 Power 88 FM
 AL Scottsboro WKEA 98.3 K-98
 AL Stevenson WKZA 101.7 KZ-102, parallel to WKEA
 AZ Bisbee KWCD 92.3 CD Country
 AR Blytheville KHLS 96.3 96 Country
 AR Cabot KLPQ 102.5 Q 102.5
 AR Fayetteville KEZA 106.9 Magic 107.9 (back to) [(from "EZQ")]
 AR Sheridan KEZQ 102.9 FM 102.9/
 CA Brawley KWST 94.5 K-West (strict)
 CO Eagle KQMT 101.5 KQ, ID with Vail-[. . .]
 FL Apopka WTLN-FM 95.3 Joyful 95.3
 FL Crystal River WKTK 98.5 KTK-FM (from "98.5 KTK") [101 (from "GC 101")]
 FL Gainesville WYGC 100.9 Gator Country/
 FL Jacksonville WAPE 95.1 uses calls, "95.1 WAPE," dropping "Power 95"
 WROO 107.3 Rooster Country 107 (from "The Rooster")
 FL Vero Beach WGYL 93.7 Lite 93.7
 FL Williston WFEZ 101.3 Magic 101-3
 GA Milan WMCG 104.9 Power Country 104.9 (from "Country 104.9")
 ID Caldwell KLCl 96.9 Rock 97 (from "K-97 Rock")
 IN Indianapolis WGRL 104.5 The Bear. "Indianapolis got 'ripped off' with this sale and conversion of channel to commercial. FCC should never have allowed it without some quid pro quo. As a minimum, record library of WAJC (such as it was) should have been donated to one of two remaining classical stations (WFYI-FM or WICR), and purchaser should have been required to buy new transmitter for WFYI-FM to make it full power (50 kw, 150 m, or equivalent). Indianapolis now has no full power educational station, and coverage of those remaining is not what it could be. . . Also, city is now one of most poorly served by educational broadcasting in nation for its size. TV6 is also deserving of criticism for its militancy in preventing full development of lower part of band. This is why 104.5 was important channel as noncommercial. Butler did generally poor job with WAJC, so am not suprised they disposed of it. Student announcers were obviously disinterested in the programming and were very sloppy describing what was being played. I listened to WAJC once in a while as alternative to WFYI-FM [*90.1] and WICR [*88.7] for program choice. Laughed at stupidity of announcers. Many mornings, W WAJC was only station with NPR "Morning Edition" receivable without a great deal of interference from either co-channel or adjacent-channels (CIMX 88.7 Windsor or WBCL 90.3 Fort Wayne). As you know, propagation is often extended at this time of day, especially in this season. A real problem although I am only 40 miles from Indy transmitters."

KS Arkansas City KYQQ 106.5 Hot Country 106.5 [(from "LS Radio")]
 KS Liberal KSLS 101.5 Kickin' Country/
 MD Annapolis WHFS 99.1 99-1 HFS
 MD Prince Frederick WMJS 92.7 Oldies 92.7
 MI Saginaw WUVE 104.5 The Blitz (\$, p, simulcast with WBTZ 100.9 Pinconning, with "very heavy metal rock")
 NY Lake Success WYNY 103.5 Y-103.5 (from "Country 103.5"). "I don't know how long it's been on with that awful country format. It should be 'Yawn-103.5'."
 OK Sallisaw KCUZ 95.9 CD Country Z-95.9
 OK Tulsa KRAV Mix 96.5
 SC Surfside Beach WYAK-FM 103.1 Country 103 (from "Y-103")
 TN Chattanooga WSKZ 106.5 KZ-106 (back to)
 TN Henderson WHHM-FM 107.7 FM-107.7
 TN Hendersonville WQQK 92.1 Power Jamz 92-Q [(from "I-100")]
 TN Oak Ridge WOKI 100.3 The Hit Kicker/
 TN Tullahoma WHVK 93.3 The New 93 Country (from "Huntsville Country")
 WY Casper KQLT 103.7 Kolt Country 103 (loses "Quality 103-7 FM")
 WY Laramie-Cheyenne KRQU 102.9 Power 103 (from "New Rock U")
 WY Rock Springs KYCS 95.1 Hot 95-1 (from "All Hit Radio")
 WY Worland KKLX 96.1 96 Klicks
 ON Burlington CING 107.9 Energy 108 (from "Dance 108")

Multi City IDs in Use

AL Centre WHRY 105.9 with Sand Rock- "Northeast Alabama"
 AR Forrest City KBFC 93.5 with Marianna
 CO Lakewood KWMX 107.5 with Denver
 CO Loveland KTRR 102.5 with Fort Collins-Greeley
 GA Ashburn WFFN 105.7 with Tifton and Cordele, but not with Fitzgerald
 GA Quitman WSTI 105.3 with Valdosta-Lake Park, but no longer with Moultrie
 GA Macon WMKS 92.3 with Warner Robins
 WDEN-FM 105.3 with Warner Robins
 GA Wrightsville WDBN 107.5 with Dublin
 LA Monroe KJLO 104.1 with West Monroe
 PA Hershey WRKZ 106.7 heard iDing illegally as "Harrisburg-York-Hershey-Lebanon," unless leading out with its licensed city, Hershey, at another time close to the top of the hour
 TN Trenton-Dyersburg WWEZ 97.5 with Jackson
 WY Buffalo KLGt 92.9 (not yet having moved from 92.7) with Sheridan-Gillette, "Kicks 93 FM" (from "K Light")

"It is already so late in 1993, hold off going to press with FM Atlas-15 until late October or early November. That way, the new book would be ready around the first of next year, and you could legitimately call it the 'Brand New 1994' edition, which would be a significant marketing advantage."
 "Sample was pretty good."
 "Thanks in advance for the information I have requested and for your great dedication to FM radio."

AM Happenings Most Likely Caused by FM

AL Selma WTOX 1570 silent
 CA Fowler KRGO 1220 silent
 FL Madison WMAF 1230 silent
 GA Columbus WHYD 1270 "silent pending sale"
 IL Chicago WLUP 1000 drops Howard Stern, with a lawsuit over the dropping of his show threatened. Howard says WLUP didn't give his show enough time to build an audience—especially necessary for an AM station. He's been on WLUP for less than a year. "Howard's book now has a definite title, 'Private Parts', and will be out in October."
 KY Danville WKLO 1000 FCC revokes license for being off the air without authority since Dec. 18, 1992
 MA Boston WSSH AM dumps Spanish in favor of Talk America, based in nearby Marlborough MA. Noble Broadcasting had hoped to sell the 50 kw station on 1510 "but didn't have any takers."
 The FM in Lowell, now separately owned, is still WSSH-FM (99.5). The AM is being promoted as

"1510 Talk" to differentiate it from WSSH-FM. MI Grand Rapids WCUZ 1230 drops simulcast with FM "for a live, locally-originated 'traditional C&W' format; this move seen as an additional attempt to chip away at WBCT 93.7, which is the hottest station in town right now."

WOOD 1300 fell from No. 1 to No. 4 in the spring book, "or back to where they've usually been. Plus, they fired their local, live midday host, Phil Tower, and replaced him with the satellite fare of G. Gordon Liddy. WOOD is only local/live now in morning drive and for two hours in afternoon drive; otherwise, they're all satellite talk."

MI Lansing WITL 1010 off air? FM 100.7 heard giving its legal ID as "WITL," not "WITL-FM." "I did not receive WITL AM, but WITL AM is/was only 500 watts, probably directional away from my receiving location. The FM uses calls a lot, plus 'Whittle 100.7'."

MN Duluth WEBC 560—one of 997 stations filing a petition with the FCC to migrate to the 1600-1700 expanded AM band before the close of business June 30, 1993. This is a station enjoying good day and night coverage, so I called Paul Carroll, who is in traffic and engineering, who said "It's an insurance policy. We thought we'd better apply and get our foot in the door in case something happens with the expanded band." That probably is the reason many other stations, including WEBC's co-owned KQWB 1550 Fargo ND, also applied—although stations high on the AM band with daytime only or poor nighttime coverages have more to gain by migrating than does a station like WEBC.

MT Hardin KKUL 1230 "silent pending sale" NY New York WBBR 1130 with its all business-talk format, showing "virtually no measurable audience. . . WBBR needs to do significantly better, and soon [like] turn off the transmitter, send home the executives and engineers, and just read the copy into unplugged microphones. Tens of thousands of dollars per week saved, and hardly any listeners [according to Arbitron] lost in the bargain."

ND Wishek KDRQ 1330, although holding a CP for 5 kw, day and night, is "unlikely [to] make that change. It would involve a five tower array, and current thinking is that it's not economically justified. Look for the CP to expire." But it is moving ahead with KAEI (FM), hoping to have it on the air in about a month. FM will parallel AM except for live sporting events.

OK Sallisaw KKID 1560 silent due to fire that also affected KRUZ 95.9 and KOLX 94.5 Barling AR; only KKID will not return.

SC Chester WGCD 1490 silent TX Boerne (San Antonio) KBRN 1500 silent, but supposedly coming back with a simulcast of KUBR 1210 San Juan TX TX Lufkin KSRK 1420—FCC deletes call letters WA Vancouver KVAN 1550 silent BC Osoyoos CJOR 1240 has applied to move from AM to FM (180 w on 102.9) BC Vancouver CKLG 730 (its FM is CFOX 99.3): "After 30 years as Vancouver's reigning CHR station, has added open-line/talk shows 9 a.m.-4 p.m. and is rumored to be dropping all CHR soon. Their demise as a top 40 began with the sign on of Z-95.3 (CKZZ) and its siphoning off of CKLG's teen audience."

CKST 1040, "Coast 1040," owners have restructured to avoid bankruptcy and laid off 20 employees. It's expecting new owners to take over this fall, and is hedging by buying CFQC AM Sasakatoon, and hoping to turn that station into an FM, after failing to win approval for an FM in Vancouver.

CKFX shortwave off air, but may return later/ NB Saint John CFBC 930, "citing financial problems," has laid off manager Shirley Crawford and longtime talk show host Tom Young, but station claims no further layoffs are planned in its staff of 35.

ON Leamington CHYR 710 still on, but its new FM on 96.7 now 24 hours a day. "They always mention the broadcast frequency of 96.7. They never say anything about the AM frequency any more." NonID (not strict): "Country Music Radio."

ON St. Thomas CHLO 1570 has applied for 103.1—CIQM London's old frequency, with 50000 h.v., and would simulcast the AM for 90 days.

PQ stations applying to change from AM to FM: CHLC 580 Bale Comeau wanting 97.1 with 4200 h.v.; CFVD 1370 Degells wanting 95.5 with 12500 h.v.; and CKOD 1370 Valleyfield, 102.9 with 3000 h.v. [Atlas is ready.]

"Bruce, please let me know when the next FM/

FM Rulemakings Proposed

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

- AL Hayneville 107.9A, Nov. 15, 30
- AL Pike Road 97.5A, Nov. 15, 30
- AR Diamond City 92.7A counterproposal by Lake Bcstg.
- AR Earle 94.7C3, Nov. 18, Dec. 3
- CA Templeton 100.5A, Oct. 18, Nov. 17
- CA Tulake 96.5C for C2, KFLS-FM, Oct. 18, Nov. 17 [Nov. 18, Dec. 3]
- FL Titusville 98.1C1 for C2, WGNE-FM/ FL Wright 98.1C1 (move from Anniston AL), WWSF petition for reconsideration
- ID Shelley 107.1C counterproposal by Sun Valley Fine Arts Bcstg.; 107.5C counterproposal by Native Broadcasters of ID
- IL Taylorville 94.3A, Nov. 18, Dec. 3
- KY Glasgow 94.1A, Nov. 18, Dec. 3
- ME Winter Harbor 105.5A counterproposal
- MN Park Rapids 92.5A, Nov. 1, 16
- MN RedLake Indian Reservation 95.5C1 counterproposal [FM, with Utica
- MS Hazlehurst 92.9A for 100.9C3, WMDC-/ MS Utica 100.9C2 for 92.9A, WJXN, counterproposal [with Utica
- MS Vicksburg 101.3A for 101.1A, WBBV/ MO Humansville 99.1A MO Radio, Inc. counterproposal
- NY Jeffersonville 102.1A, Oct. 18, Nov. 17
- NC Calabash (move from Tabor City) 104.9C3 for 104.9A, WYNA, Nov. 22, Dec. 7
- OH Pleasant City 94.3A, Nov. 19, Dec. 6
- OK Paus Valley 97.7C3 for A, KGOK, Nov. 19, Dec. 6 [counterproposal
- OR Bonanza 98.5A Goldrush Bcstg/ OR Lakeview 98.5C2 Jon B. Thoen counterproposal [counterproposal
- OR Malin 98.5A The Jesuit Mission/ OR Merrill 98.5A Big Tree Bcstg. counterproposal
- PA Fairview 107.5A, Nov. 18, Dec. 3
- WA Quincy 95.9C3, Oct. 18, Nov. 2

FM Rulemakings Finalized

- Dates are when FCC filing windows are open
- AZ Globe 97.3C3 for A, KRXS
 - FL Miami 93.1C for C1, WTMI
 - FL Trenton 101.7C2 for A, WCWB
 - GA Pelham 92.3A, Oct. 8-Nov. 8
 - HI Hali'imaile 105.5C for A, KPMW
 - HI Kahalu'u 106.1C for A, KLEO
 - KY Lebanon 100.9C3 for A, WLSK
 - LA Blanchard 102.1C3, Nov. 16-Dec. 16
 - MS Potts Camp 95.9A, Oct. 8-Nov. 8
 - MO Chillicothe 103.9C3 for A, KCHI-FM
 - MT Kalispell 106.3C2 for A, KDBR
 - MT Livingston 100.7C, Nov. 16-Dec. 16
 - NY Chenango Bridge 104.1A, Oct. 25-Nov. 24
 - NY Norwich 95.3A, Oct. 25-Nov. 24
 - OR Toledo 100.7C2 for A, KZUS-FM
 - TX New Boston 95.1A, Nov. 15-Dec. 15
 - VA Falmouth 104.5A, Oct. 25-Nov. 24

Whoa To FM Freeze Idea

When interim FCC Chief James Quello a while back proposed an FM station freeze (June, pp. 4-5) for strictly economic reasons, he was supported by the National Association of Broadcasters. Indeed, it was the NAB which allegedly pushed for such a freeze. Other commissioners don't back Quello's view, and apparently the idea of an FM freeze is dead for now. Commissioner Andrew Barrett contends a freeze would hurt small businesses seeking to break into broadcasting via the new-station route, while FCC Commissioner Ervin Duggan feels a freeze is simply a bad idea at this time, unless the FCC can think of a long-term policy toward FM station licensing.

Religious FM Stations in Canada OKed by CRTC!

Breaking with a 70-year tradition, the Canadian Radio Television and Telecommunications Commission announced on June 3 a new policy which will open the door to religious TV and radio stations. It is now looking for proposals for such stations, but they must demonstrate how they will ensure "balance" or varied points of view. Rebroadcasters of U. S. stations will not be licenced.

WQAQ *88.3 Hamden CT Denied Upgrade

Sitting just north of New Haven, little WQAQ, owned by Quinnipiac College, has probably eyed that larger market and wished it could cover the area like its grown-up brothers which inhabit the FM dial. So WQAQ applied for an upgrade from a Class D to a Class A, but the FCC denied the action. Quinnipiac then sought a review of the FCC's decision, which the Commission also denied, stating that Quinnipiac "had failed to meet the threshold test to show that its site was no longer suitable for its current operation, and that there were no lesser short-spaced sites available." The problem is that WQAQ suffers an IF-relation problem, being 10.8 mhz away from WPLR 99.1 New Haven CT. According to FCC rules, the WQAQ site would have to be at least 15 km away from WPLR's site for WQAQ to be a Class A.

Applicant for 103.9A Westerville OH Fined \$25 Grand

It's rare when a mere FM station applicant—rather than an actual FCC licensee—gets fined, but that's what happened to Westerville Broadcasting Company Limited Partnership, to the tune of \$25,000. Their offense? Violation of the Commission's rules forbidding applicants from making "any misrepresentation or willful material omission" in a written statement submitted to the FCC. WBC asked for dismissal of its application after being notified by the FCC of a potential forfeiture liability.

FCC Administrative Law Judge Walter C. Miller held that WBC and its general partner Freeman Edwards had attempted to deceive the Commission concerning WBC's financial qualifications. Such deceptive statements made WBC apparently liable for the fine, despite the fact that its application has been dismissed. The 103.9 channel, formerly home of WBBY (FM), is still the province of Columbus-area FM DX enthusiasts while some seven other applicants battle it out.

Small Print Happenings and FM Industry News

A new experimental TV station has been granted in Salt Lake City to the Electronic Industries Association. Happens the new "TV" is on Channel 6 and is an audio-only station, receivable on many FM radios. The grant is to "gather technical data on multipath phenomena" in conjunction with EIA's digital audio radio subcommittee's research.

The Germans have slowed down their experiments involving DAB (digital audio broadcasting), due to the economic situation, with experiments delayed to 1997. Other European countries are undertaking DAB tests, as has Canada, but Germany has been the closest to implementing such broadcasts. Against the advice of those who would have DAB reside in the L or S bands is Henry Price, a BBC engineer, who points out that VHF transmissions can achieve much wider coverage and are more effective in transmitting to fast-moving vehicles. L-band is best suited to localized broadcasts, and to cover wider areas, "a very dense network of transmitters would be needed."

CISS 92.5 Toronto is claiming the most successful launch of a radio station in Canadian history. According to *Broadcast Technology* magazine, the spring BBM showed the total weekly audience of 777,000 and a 7.2 share. That makes CISS No. 3 in Tonto (after CFRB AM and CHFI 98.1), and the No. 3 country station in the world, "after stations in New York and Chicago." Other Toronto ratings show CHUM-FM 104.5 as No. 4, CILQ 107.1 No. 5, CHUM AM No. 6, CBL AM No. 7. Both CJEZ 97.3 and CFMX-FM1 96.3 showed solid increases in circulation, but were not ranked. [See above, "On Air," for mention of CHUM-FM's anniversary.]

Both the Canadian magazine "Broadcast Technology" and the MN Broadcasters newsletter allude to the sad toll of smoking. The World Health Organization reports smoking is now killing three million people worldwide every year. "This is three times as many as in the 1960s, and the death toll is rising steadily. The tobacco industry still wants you to believe that smoking is 'sophisticated'. Fact is, and most smokers agree, it's just plain 'stupid!'" Carol and I attended the symphony earlier this month and sitting next to me was the widow of a professor I had in college, Dr. Robert F. Pierce; he was head of the speech department and advisor to KUMD (*89.1 Duluth) shortly after it began. Joyce Pierce said he died of lung cancer after having smoked 40 years, and had been ill with the disease the last two years.

The MN Broadcasters Association newsletter had a tribute by Lew Latto (pictured), WAKX 98.9 Duluth, in honor of consultant-announcer and former radio program director Tac Hammer. "My life will never be quite the same because for more than 30 years Tac was not only a very close personal friend, but had been my first program director, a person I could call for advice and counsel and in recent years, I had used his services as a program consultant. Tac died of complications from cancer. Tac was born one month before me. He was 53. . . Please help someone you love stop smoking BEFORE it's too late!" There is a program aimed at helping people quit smoking that uses no hypnosis, but good dosages of group therapy, and is called "breathe free." I helped conduct one when I lived in NE, and 13 people kicked the habit. For information when a program like that may be held in your area contact a nearby Seventh-day Adventist Church. This program is said to have a 70 percent success rate.

The airwaves will be cleared for new interactive TV devices when the FCC holds a lottery soon for licenses to broadcast in the 218-219 mhz spectrum, which has been set aside for interactive video data services (IVDS). Such spectrum may make unnecessary the need for FM-SCS to provide signals to TV owners, with both the sending and receiving components possible in the 1 mhz-wide allocation in a local area.

In fine news, the FCC has hit KMJQ 102.1 Houston with \$2500 for rebroadcasting a pro-

gram, or portion thereof, from another station without permission of the other station. WBHL *91.3 Florence AL fined \$1250 for "repeated violations of the Communications Act and the Commission's rules." KKAT 101.9 Ogden UT slapped with a \$5000 FCC fine for broadcasting a telephone conversation without first informing the party of its intention to do so. Joe Bohannon, morning d-j on WBBM-FM 96.3 Chicago, got hit with an \$8 million lawsuit alleging he defamed one of Channel 5's news anchors by spreading a rumor she was pregnant with the child of one of the Chicago Bulls players. Joan Esposito filed the suit, claiming the rumor "substantially reduced her salary."

The National Federation of Community Broadcasters clarified the FCC rules about translator applications. FCC will accept applications with TV channel 6 stations when agreements with those other licenses are filed. The FCC has brought the IF separation rules (such as affected WQAQ Hamden CT; see above) into agreement with other secondary station rules, such as for Class A stations. Translators of 100 watts or less are not subject to IF standards. And for translators broadcasting commercials under the 30-seconds per hour limit, it's OK for the time to be split during the hour.

The FCC has proposed to modify its technical rules to specify the manner in which applicants for FM facilities may round off distances when computing the extent to which they are short-spaced. Instead of being to the nearest kilometer, it's going to be to the nearest tenth-kilometer. "This degree of rounding yields a precision of 10 meters, which more closely conforms to the degree of precision associated with the FCC's requirement that transmitter site coordinates be specified to the nearest second."

The FCC has thrown out petitions to deny against 10 Philly area stations filed by a local gay/lesbian coalition, which felt they didn't provide enough coverage of homosexual issues. The FCC did, however, decide to look at EEO issues involving WXTU 92.5, WMMR 93.3, WYSP 94.1 and WJJZ 106.1, according to the *M Street Journal*. Also from that source: Jone Satellite hit the air in September with its new "FM Lite" format, an easy listening-soft AC format blended with some jazz and MOR cuts. The new service will be a bit more personality oriented than JSN's current easy listening format.

"Stern looped over Chicago loss," says "M Street" in a recent headline. As expected, Stern is suing WLUP (AM) for breach of contract in dropping his show. He's also seeking punitive damages, for a total of \$48 million. Evergreen Media, owners of WLUP-AM-FM, contends they were worried about the potential for another FCC indecency fine, after having been fined \$3000 for certain nuggets out of the mouths of Steve & Garry a few years ago. Garry Meier has moved to 97.9 middays away from former morning partner Steve Dahl.

Now that FM stations don't need to have type-accepted modulation monitors in use, but can rely on virtually any radio the station thinks can give a good indication of the station's on air modulation or sound. Consequently, there's a glut of unused and unneeded FModulation monitors on the market, with the FCC concerned about how to define and measure FM modulation, including "peak amplitude, peak duration and peak recurrence rates, and the time interval over which peaks are to be counted." Wish the Commission luck in trying to quantify loudness. The NFCB says stations considering whether to purchase that new Gyro-Holosonic HyperModu-Max your PD's been whining about might just want to wait and see.

The NFCB's annual conference, Jan. 29-Feb. 2, 1994, is to be in Tampa FL, to feature Erwin Knoll and David Barsamian, "engineering wizards," "legal eagles, internet and connectivity demos, production training, live performances, CPB and PTFP grant information," and more. For room at \$99 single/double contact Radisson Suite Resort, (813) 596-1100. For registration

info contact NFCB at (202) 393-5355.

Salem Broadcasting said to be close to buying WBEB 101.1 Philadelphia from Jerry Lee for \$4 million. It's a three-year-long process for Salem, which would probably convert WBEB to Christian, similar to what is in place at WORD-FM 101.5 Pittsburgh, and what Salem plans to implement at KHIH 94.7 Boulder CO, expected to change call letters.

FCC station totals as of the end of August, FM radio 4920 commercial, 1633 educational licensed and on the air, while AM has 4950.

From the classifieds: General manager KCAW, requiring three years in all aspects of radio, \$36,600-\$40,200, EOE. Reply by Nov. 1 to manager search committee, KCAW 28 Lincoln St., Sitka AK 99385. Manager Rich McClear will be in Tirana, Albania, advising Radio Tirana as it steers away from government. Wife Suzi will also be in Albania working on issues regarding women. The McClears founded KAXE *91.7 Grand Rapids MN in 1975. I wonder what his plans are after Albania, since the job is not advertised as an interim one?

KAXE's looking for a program director. Call (218) 326-1234 or (800) 662-5799, or send cover letter and resume to Pam Leschak, 1841 E. Hwy. 169, ZIP 55781.

KROA *95.7 Grand Island NE looking for evening announcer/engineer. Tape and resume to Gordon Wheeler, Box K, Doniphan NE 68832. EOE.

National Radio Club AM Station Map Book, Feb. 1993, 170 pages drilled for placing in binder. Has maps showing locations of stations on regional and clear channels across the nation, plus call letters. \$9.50 plus \$1 shipping from me. It's not the AM station version of the "FM Atlas," but I know at least one person using it as such. For \$19 get that and the new (1994) NRC AM Radio Log, about 300 pp., with much detailed station information. [A new "FM Atlas" should be ready later next month, but I'll wait until then to announce price and availability.]

FM FORUM

CONTRIBUTIONS FROM READERS

Al Hastbacka "thanks for the write up on 'FM Gold' in the July issue of FMedia! I am making a demo disk for both 'FM Gold' and 'FM SCAN' for a price of \$5 each (not free as you stated). I am also enclosing an article that appeared in the July 26, 1993 Washington Times featuring 'FM Gold' and 'FM SCAN'." Hastbacka is quoted: "Sometimes on trips you can get a real sense of cultural isolation, especially if all you hear is local programming. . . I'm always surprised at how many business travelers like to hear NPR." FM Gold covers airports, while FM SCAN covers the Interstates. "I believe FM SCAN would be of interest to many of your readers, particularly those readers who travel by car on the Interstate Highway System. FM SCAN is a program that acts like a Smart Radio. FM SCAN allows you to easily find an FM station broadcasting the type of format you want to listen to, when traveling on various Interstate Highways. . ." FM SCAN is available at \$33.95 (plus sales tax in VA) by mail from Chatham Research, P.O. Box 439, Oakton VA 22124; (703) 281-9699.

"A couple of comments on the April '93 edition of FMedia! p. 2, call letters-WRWD AM is in Cornwall-on-Hudson, not Croton-on-Hudson NY," writes Karl Zuk. P. 5: "The Westchester Council for Public Broadcasting, solely run by Marc Sophos of Dobbs Ferry NY, has been granted *90.3 100 was WDFH. Construction has not yet started. The old claim on WNYE's frequency becomes, sort of, moot. WNYE *91.5 has been on the air more than they used to—although their schedule remains irregular. They still do not have stereo. I'm sure the



injection level of their data service subcarrier is beyond legal limits. Almost any analog radio can pick it up by using slightly offset tuning. This is the only NYC area station that has this problem. Also, rumor has it that Z-100 WHTZ 100.3 FM is going 'alternative rock' soon. Their late-night sex-talk show sounds like an anatomy lesson combined with voyeur's delight. How can they give Stern a hard time when this unredeeming exploitive dung is on the air? Broadcasting has come a long way since Jack Paar was suspended for saying 'water closet' nationwide... I very much enjoyed your excerpts from the old 'FM Guide' magazine."

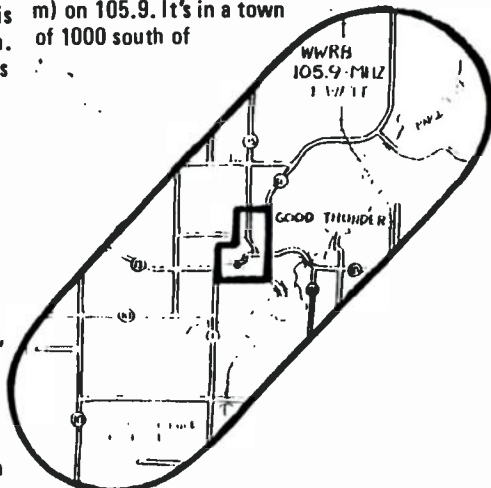
Regarding the May comments on Muzak, p. 8, Zuk shared a letter from that firm, stating that Muzak is a registered trademark of the Muzak Limited Partnership. "The designation MUZAK® since it is a trademark and a proprietary name, should always be used with a leading capital letter or fully capitalized... Improper use of the MUZAK® designation, such as an attempt to use it as a noun in reference to a product or service or to use it to refer to businesses other than Muzak Limited Partnership, threatens the valuable rights that this company holds in these valuable company assets," writes Ms. Leslie Ritter, director of marketing communications.

Pending FCC approval, WMMS 100.7 and WHK AM Cleveland are being sold to the Disney group of stations. "During the recent WMMS promotion for 'Fruit of the Loom', I walked up to the morning air personality at their remote broadcast in downtown Cleveland," writes Bill Fait. "During a break in the program I asked her about the sale of the station. She told me the sale was not final yet and everyone was thinking they would be better off working for the new company, but a look of panic crossed her face. It will be interesting to see how this works out for her... WQMX 94.9 Medina OH uses call letters followed by 'Akron's new country music station.' They've been running promotions saying that listeners have their own country music station in the Akron-Canton area with WQMX, and should no longer listen to FM stations from 'Youngstown and Cleveland.' Most likely, they're referring to WGAR 99.5 and 'K-105,' WQKX.

Another radio publication you can buy: "Duncan's radio comments." It's a newsletter expressing Jim Duncan's ideas on the industry, including books he recommends reading for recreation. Howard Stern v. the FCC are looked at in the April sample issue. Write for a sample to PO Box 90284, Indianapolis IN 46290.

Ray Topp, Rochester MN, writes and says his "Radio Guide" is "dead." "We were spending too much money in an attempt to compete with the other publications, when we should have remained true to our original concepts. And when clients didn't pay their bills on time, our small profit margin reduced our cash flow to a trickle. I've learned my lesson and have started a new publication called Radio Shopper. I'll be doing pretty much the same things that I did with the earlier issues of Radio Guide—classified ads and tech tips." Write for a sample to Radio Guide, 511 18th St., S.E., Rochester MN 55904.

"WWRB" has moved to Good Thunder MN from Clouquet; now it's an extra-legal 1 watt (11 m) on 105.9. It's in a town of 1000 south of



Mankato, and this pirate station seems to cover it all.

One of my readers recommends the Grundig Satellit 500 receiver, "now upgraded to Satellit 700 standards with Eprom chips for 2056 memories," presumably AM, FM and shortwave memory channels. The unit seems quite sensitive and selective, although I have seen no report on it being compared side-by-side with another radio or FM tuner.

Walt Breville says that "among unusual formats today, the Columbus area yielded the best one: 107.9 WCEZ Delaware OH, a real EZ listening station, or beautiful—no soft rock, strictly elevator music, etc. The most glaring omission in both Columbus and Indianapolis: No big band or Music of Your Life or similar nostalgia formats at all on either AM or FM: thousands or tens of thousands in each of these towns must be shunning radio listening and missing commercials as they listen to cassette tape or CDs instead... St. Louis is the best of the 1-70 towns, with a lot of choice, with WEW 770 a good big band/MOYL, a couple of jazz outlets plus a good soul/disco one: KXOK 630 and 97.1, with 630 being the old outlet receivable in the south half of the metro area."

"Porno" ads, courtesy WQHT "Hot 97" New York, have drawn fire. Brooklyn Democrat Noach Dear, who chairs the city's transportation department, has threatened to bottle up other issues of interest to the Transit Authority, unless they remove the posters from city buses and subways. One view shows a man standing behind a girl attempting to remove her pants, while others portray various forms of kissing and/or face biting. Dear thinks the ads go "beyond the bounds of decency and should be pulled." WHTZ 100.3 still has "Love Phones" (see Dec. '93, p. 3, col. 2 and Jan. '93, p. 3, col. 1) 10-midnight during the week, with a 10' delay, "which I guess they have in case a caller uses one of the seven dirty words forbidden by the FCC; there probably isn't much else they would bleep out on such a sleazy show. Anyway, some fans can now hear the show live, 10 seconds ahead of Z-100 on WMXV's (105.1) 92 SCA... Beats me why WHTZ is using another station's SCA instead of activating one of their own."

Matthew Field, former WNCN 104.3 NY general manager and a former FMEDIA subscriber, sues the station's owner, GAF Corp., charging that it dismissed him because of age discrimination and stock fraud. Field, 49, "who made WNCN profitable by implementing a hipper and sometimes irreverent presentation of the classical repertoire, alleges in papers filed in NJ Superior Court that GAF and two of its top executives conspired to defraud him of stock that he purchased as part of the company's leveraged buyout in 1989." The suit claims his dismissal will cost him nearly \$2 million. GAF said the suit is without merit and it would vigorously defend against it. On a separate matter, GAF faces an FCC hearing relating to two petitions challenging the company's license to operate the station.

An unauthorized book, *Howard Stern: Big Mouth*, will be published by Pinnacle Books in a \$4.99 paperback, authored by Jeff Menell. Michael J. Silverberg, Stern's attorney, pledged legal action, if necessary, against Menell. Menell, despite not getting a Stern interview or even pictures to use, is undaunted and plans to go ahead with the book. The authorized book about Stern, to be published by Simon & Schuster, will sell for \$22. "On WXRK (92.3 K-Rock) the Greaseman is now playing occasional records instead of just talking, but it's not gonna help—he just plain sucks." The NY Post, Jeff Weingrad, writing, can't believe anybody in the market likes the Greaseman and invited people who do to write in and tell him why.

"Regarding the comments about portable radios (May, p. 8, col. 3), I do almost all my DXing with a Sangean 818CS portable (modified with a tunable SCS adapter); it has digital readout, is at least as sensitive as the Superadio and has very good selectivity. You can record off the radio in stereo and the tapes sound great played back on a stereo deck. Drawbacks are no external antenna jack, hard-to-see stereo indicator, high price (\$250 modified from "FM Atlas") and an antenna screw that loosened after two weeks. Topples over easily when in a vertical position; this can be prevented by leaving the batteries in all the time to weigh it down... Pirate radio fans in the Long Island NY area should tune to 91.9 on weekends, especially Friday and Saturday nights. There is an informal 'network' with at least six or seven pirate stations in Nassau and Suffolk counties sharing the frequency. On a typical night a station will stay on the air for a half hour or so, then drop its carrier. Then another station comes on, and comments on the first station's signal strength and on which of the other pirates have been heard so far that night. Sometimes there's griping about WSHR (a real station on *91.9 in Lake Ronkonkoma) having too strong a signal on a particular night." [Thanks to Jeannette Johnson for this information.]

AK's KPEN 101.7 Soldotna had a faulty fax machine—so faulty, in fact, that it sent out signals that interfered with a Coast Guard distress frequency. The fax sent out a signal on 121.5 mhz, which might have mixed with the station's 101.7 channel. It's "the first time I have heard of a fax giving off a signal," said Rod O'Connor.

Until November, *Bruce F. Elving*

The FM radio newsletter

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ETHNIC FMS GRANTED IN AK, MT, SD, PAGE 1.

BIG CHILD KBTC-FM TACOMA BROADCASTS IN "GENERATED STEREO." REAL STEREO TO COME WHEN LITTLE PARENT
KGRG AUBURN CONVERTS BY JAN. 1. P. 3.

PIRATE MEDDLES WITH WBCN'S REMOTE FREQUENCY, SHOUTING OBSCENTIES. ANY WORSE THAN STERN? SEE P. 3.
SC'S WUOZ UPSTAGES WFGG AT FORT GORDON GA. NOW WFGG'S HOPING TO FIND A NEW FREQUENCY. READ
ABOUT IT ON P. 4.

LOUISVILLE WFPL-WUOL-WFPK PLAN MERGER. YOUR GUESS AS TO THE FORMAT OUTCOMES MIGHT BE AS GOOD AS
ANYBODY'S. P. 5.

New FM Station, Translator Grants *Translators have less than 100 watts unless indicated otherwise*

AL Andalusia W218AO *91.5 (WLBF 89.1
Montgomery), h,v
AL Huntsville W249BB 97.7 (WAZK 92.5
Trinity), h,v
AK Anchorage *90.3 100000 h,v; 195 m,
Koahnic Broadcast Group, e. "Tentative call
letters are KBC; it will focus on Native
American issues, as well as to train native
people in radio for rural Alaska."
AK Wrangell K235AD 94.9 (KRSA AM Peters-
burg), h,v
AR Mena K203BO *88.3 (KUAF 91.3 Fayette-
ville), 250 h,v
CA Arnold 95.9 500 h,v; 334 m, Clear Mountain
Air Bcstg. Co.
CA Hanford 94.5 3000 h,v; 100 m, H. FM Radio
CA Modesto K258AB *99.5 (KLVN 91.9 Santa
Rosa), 170 v [of S. F. station
CA Walnut Creek KMEL-1 350 h,v; booster/
CO Frisco K214BU *90.7 (KTLF 90.5 Colorado
Springs), 250 h,v K230AC,
CO North La Plata County and Florida Mesa/
*93.9 (KDUR 91.9 Durango), h,v
CO Springfield K209BK *89.7 (KTLF 90.5
Colorado Springs), 250 h,v
CO Vail *90.1 1500 h,v; 47 m, Public Bcst. of
CO, Inc. [C.C. Public Radio, Inc.
FL Cedar Creek 92.5 3000 h,v; 61 m,/
FL Islamorada (24-56-12; 80-37-01) W221AY
*92.1 (WLRN-FM 91.3 Miami), 120 h,v
FL Key Colony Beach W227AD *93.3 (WLRN-
FM), h,v [Radio Partners
FL Pensacola 98.7 50000 h,v; 150 m, P./
GA Carrollton W209AN *89.7 (WAFR 88.3
Tupelo MS), h,v
GA Mableton 102.5 reversed initial decision and
awarded grant to Gonzales Broadcasting, Inc.
(3000 h,v; 100 m) [Bcstg. Co., Inc.
HI Waimea 99.1 39000h,v; 860 m, d-a, Hawaii/
ID Kamiah K273AA *102.5 (KRFA *91.7
Moscow), h,v
IL Teutopolis 102.3 6000 h,v; 100 m, John W.
Kirby [Air Investments
IA Cedar Falls 98.5 25000 h,v; 100 m, Thin/
S Hays K209BH *89.7 (WAFR 88.3 Tupelo
MS), 210 h,v [89.7 Somerset)
KY Somerset W277AA *103.3 (WDCL/
MN International Falls K201CB *88.1 (KNBJ
91.3 Bemidji), h,v (MS), 250 h,v
MO Kennett K218BM *91.5 (WAFR 88.3 Tupelo/

MT Billings K265DE *100.9 (KPGM 90.3 Casper
WY), 120 h,v [91.7 Billings)
MT Cooke City K203BP *88.5 (KEMC/
MT Fort Belknap Agency *86.1 90000 h,v; 340
m, Fort Belknap College, e
MT Helena K251AC *98.1 (KGLT 91.9 Boze-
man), h,v
MT Philipsburg K220ED *91.9 (WJSO 90.1
Pikeville KY) [Bishop CA), h
NV Hawthorne K249DB 97.7 (KIBS 100.7/
NV Mina and Luning K285EH 104.9 (KIBS), h
NJ Manahawkin *90.7 1 watt h, 950 v; 50 m,
Penn Jersey Educational Radio Corp.
NY Bridgehampton 102.5 4500 h,v; 112 m,
Peconic Bay Bcstg. Corp.
NY Corning W228AS 93.5 (WNGZ 104.9 Mon-
tour Falls). Still on there is W214AA *90.7,
but to be replaced by the new WAOI *91.1.
NY Kingston W255AB *98.9 (WFME 94.7
Newark), h
W295AB 106.9 (WRWD 107.3 Highland), h,v
NY Long Lake W212AQ *90.3 (WMHR 102.9
Syracuse), h,v, denying informal objection of
WAMC *90.3 Albany [Syracuse)
NY Malone W267AA *101.3 (WMHR 102.9/
NC Concord W218AN *91.5 (WNDN 102.5
Salisbury), 170 watts
NC Hickory *90.3 150 h,v; 245 m, U. Radio
Foundation, g [324 m, the Bartels
ND Bismarck KKCT 97.5 100000 h,v;/
ND Stanlev K223AD 92.5 (KHRT-FM 106.9
Minot), h,v
ND Williston K274AD *102.7 (KHRT-FM), h,v
OK Elk City 94.3 1800 h,v; 183 m, Brooks D.
Brewer [Rosa CA), v
OR Bend K209BJ *91.1 (KLVN 91.9 Santa/
OR Portland K242AF 96.3 (KDBX 107.5
Banks), h,v; on air, and planning a separate
translator for Vancouver WA
OR The Dalles K207BL *89.3 (KLVN 91.9
Santa Rosa CA), v
PA Altoona W294AE *106.7 (WPSU 91.5 State
College), h,v
PA Ephrata *90.7 650 v, 261 m, Temple U.,
WRTI relay, j
PA Muncy W215AF *90.9 (KEAR 106.9 San
Francisco CA), back on air
PA Reading W22:AI 92.1 (WFMZ 100.7 Allen-
town PA), 250 h,v
SC Branchville WGFG 105.1 6000 h,v; 100 m,
Eagle of Orangeburg, Inc.
SD Belle Fourche KBFS-FM 95.9 3000 h,v; 100
m, reinstatement of grant to Lovcom, Inc.

SD Little Eagle *89.5 90000 h,v; 324 m, Seventh
Generation Media Services, Inc., e
TN Fayetteville W239AA *95.7 (WAYM 88.7
Columbia), h,v
TN Nashville W254CE *98.7 (WAYM), h,v
TN Pulaski W294AD *106.7 (WAYM), h,v
TX Amarillo K214BV *90.7 (WAFR 88.3 Tupelo
MS), 250 h,v [L. Ballard
TX Coahoma 94.3 6000 h,v; 100 m, Drew/
TX Freeport K208CD *89.5 (WAFR *88.3
Tupelo MS), 250 h,v
TX Lake Jackson *91.1 5000 h,v; 140 m, g, Ed.
Media Foundation of Brazosport
TX San Antonio K254AC 98.7 (KRIO-FM 94.1
Floresville), v (MS), h,v
VT Barre W220AS *91.9 (WAFR 88.3 Tupelo/
VA Monterey *91.9 200 h,v; 426 m, Pocahontas
Communications Co-Op [Barb J. Geesman
WA Eatonville KA EK 104.9 6000 h,v; 90 m,/
WA Ellensburg K232CV 94.3 (KATS 94.5
Yakima)
WA Everett [transmitter Clinton WA] K213BM
*90.5 (KSER 90.7 Everett), v [Church
WA Roy *89.7 1000h,v; 30 m, g, Calvary Baptist/
WA Seattle (Alki Beach) K201-- *88.1 (KPLU
88.5 Tacoma WA), on air
WA Sunnyside K216CP *91.1 (WAFR 88.3
Tupelo MS), h,v
WY Dubois K217BP *91.3 (KUWR 91.9 Laramie
(per), 250 h,v
WY Sheridan K230AE *93.9 (KCSP 90.3 Cas-/
Call Letters Assigned or Changed

AL Trussville 105.9 WWBR (WWIV), r, "The
Bear"
AZ Green Valley 92.1 KEKO (KTZN)
AZ Sierra Vista 100.9 KZMK (KFFN)
AR Marianna 105.3 KAKJ
CA Avalon *88.7 KISL (KPJO)
CA Central Valley *90.9 K215BP (K215BF)
CA Felton 93.7 KHIP (KAEA)
CA Healdsburg 95.9 KHBG
CA La Quinta 96.7 KUNA (KBZT), S, I
FL Coral Grove 107.9 WYNF (WVFE)
FL St. Petersburg 107.3 WCOF (WYNF)
FL Vero Beach *90.5 WAOJ
FL White City 104.7 WFLM
GA Jeffersonville 93.7 WMGB (WWST), \$[tereo],
r, "B-93.7, Middle Georgia's Best," ID with
Warner Robins
GA Sylvester 102.1 WWSG (WKMK)
106.1 WKMK (WWSG), r, \$, "Mix 106," ID with
Albany

ID Cottonwood *90.1 KNWO
 IL Crete 102.3 WEMG-FM (WTAS), AM is in Knoxville TN, g
 IL Effingham 97.7 WXF (WBF), to commercial operation
 IN Cannelton 102.9 WLME (WKCM-FM)
 IN Corydon 107.7 WWSN (WAEJ)
 IN Danville 107.1 WSYW-FM (WSYW)
 KS Andover 93.9 KDLE (KOAS)
 KS Downs 94.1 KDNS
 KY Fort Knox 105.5 WASE-FM (WLVK)
 KY Hawesville 105.7 WKCM-FM (WLME)
 KY Louisville 99.7 WDJX-FM (WDJX)
 ME Fairfield 93.5 WCTB (WEZO)
 MD Ocean City 106.9 WRXS (WLGE)
 MA Boston WBCS 96.9 still that, but being challenged because of similarity in calls to WBCN 104.1. Court hearings expected. "Indications are that this fight is about to get messy."
 MI Leland 94.3 WIAR (WTRV)
 MI Tuscola 101.7 WKMF"-FM" (WKMF-FM; AM in Flint gets new calls)
 MN Grand Rapids *107.3 K297AD
 MN Slayton 103.1 KLOH-FM (KAED); AM is in Pipestone (is in New Ulm)
 MN Sleepy Eye 107.3 KNUJ-FM (KKCT); AM/
 MO Ashland 106.1 KBXR (KYUA), on air
 MO Jefferson City 106.9 KTXV (KKFA), r (hot AC)
 MO St. Louis 93.7 KSD-FM (KSD)
 MO Willow Springs 100.3 KUKU-FM (KGAR)
 MT East Helena 104.1 KHKR-FM (KHKR)
 NE Blair 106.3 KISP (KBWH); seeks 101.5C3
 NH Somersworth 98.7 WRZY (WTSN-FM)
 NJ Bridgeton *89.3 WNJB-FM (WWUC); TV is in New Brunswick NJ
 NM Los Alamos 98.5 KTMN (KRBL)
 NY Avon 93.3 WEZO (WYNQ), b, LMA-to-buy with WHAM AM and WVOR 100.5 Rochester, seeks use of a directional antenna (d-a)
 NY Baldwinsville 92.1 WSEN"-FM" (WSEN-FM; AM gets new calls)
 NY Corning *91.1 WAOI
 106.1 WNKI (WZKZ), "Wink 106"
 NY Endwell 107.5 WRGG
 NY Hudson Falls 107.1 WMJR (WAYI)
 NY North Syracuse 100.9 WKRL-FM (WEZG), r, parallel to WKLL 94.9 Frankfort. It had been silent for a brief time, prior to ownership transfer.
 NY Queensbury 105.7 WWAZ
 NY Noyack—if you can believe 89.9—WSUF
 NY Rome 96.1 WODZ-FM (WFRG), o
 NY Utica 104.3 WFRG (WKFM), k, "The Big Frog"
 NY Westhampton 98.5 WMRW (WAEF)
 NC Beech Mountain 102.3 WAOH
 NC Salisbury *102.5 WNDN (WKTC), moving from 91.1
 OH Mount Gilead *95.1 WXVG (WOHO), jr, goes noncommercial
 OK Claremore *91.3 KRSC-FM (KNGX); AM is in Othello WA
 PA Avis 99.9 WQBR (WDKK), returns to air
 PA Bellefonte *88.7 W204AR (not W240AR)
 PA Mercersburg 92.1 WSRT (WGLL)
 SC Chester 99.3 WBZK-FM (WDZK); AM is in York SC ["Stardust 94"]
 SC Goose Creek 94.3 WSSP (WUJM-FM), m, /

SC Ladson 106.3 WRLQ
 TN Dyer 94.3 WLSQ-FM (AM is in Dalton GA)
 TN East Ridge 107.9 WOGT (WJRX), o, "GT-108" [in Huntsville AL]
 TN Minor Hill 92.1 WEUP-FM (WYBM), AM is/
 TX Amarillo 99.7 KRQA
 TX Austin *91.7 KAEM ("Hornsby") *91.7 KOOP
 TX Crystal Beach 101.1 KTKX
 TX Jasper 100.7 KMIA (KJAS)
 TX Luling 94.7 KFGI"-FM" (KFGI-FM; AM in Rollingwood gets new calls)
 TX San Antonio 92.9 KROM (KSRR)
 VA Cape Charles 96.1 WROX-FM (WMYA); AM is in Clarksdale MS, p, "alternative"
 VA Woodbridge 105.9 WCXR (WCXR-FM)
 WA Quincy 96.7 KWWW"-FM" (KWWW-FM; AM in Wenatchee gets new calls)
 WA Wenatchee 104.9 KKRK (KSSY)
 WV Milton 106.3 WZZW (WAEZ)
 WI Appleton 98.1 WISM"-FM" (WISM; AM in Eau Claire gets new calls)
 WI Birnamwood 92.9 WMRW

Facilities Changes Granted

NATIONWIDE—All Moody Bible translators receiving their signals via satellite "should be corrected to show the primary station as WJSO *90.1 Pikeville KY instead of WMBI-FM *90.1 Chicago." [nondirectional]
 AK Chevak KCUK *88.1 6000 h, 24 m, /
 AR Marked Tree KXHW 93.7 88 m (3000 h,v)
 AR Mena KENA-FM 102.1 (from 101.7) 25000 h,v; 91 m
 CA Arnold KCFA 106.1 910 h,v; 256 m
 CA Fortuna (move from Rohnerville) KQEX 100.3 (from 100.5) 800 h,v; 514 m, C3
 CA Sacramento KXHV *89.7 26 m (300 v)
 CA Santa Rosa K276DT 103.1 (from K226AC 93.1) [163 m, no d-a]
 CA Thousand Oaks KCLU *88.3 1200 h,v; /
 CA Walnut Creek KKH1-FM 195.7 130 v
 CO Gypsum K259AC *99.7 (from K204AR 88.7) [15000 h,v; 311 m, C1]
 CO Trinidad KCRT-FM 92.5 (from 92.7) /
 CO Wray KATR 98.3 101 m (50000 h,v)
 CT Bridgeport WPKN *89.5 9000 h,v (146 m, d-a)
 CT Fairfield WSHU *91.1 20000 h,v; 189 m, d-a
 FL Haines City WLVF-FM *90.3 3000 h,v; 61 m
 FL Santa Rosa Beach WVAV 102.1 (from 102.3) 18000 h,v; 117 m, C3
 GA Augusta W261AP *100.1 has WUOZ 88.3 Belvidere SC (from WMKO 94.9 Millen GA), but "only for a few days. We will go off it and the translator will be available for another station."
 GA Chatsworth WQMT 98.9 3000 h,v; 91 m
 GA Gray WWIQ 96.5 2000 h,v; 126 m
 GA Soperton WKTm 106.1 (from 101.7) 6000 h,v (91 m) [h,v (107 m)]
 GA Warner Robins WRCC-FM 101.7 4900 /
 ID Burley K297-- *107.3 (from K280DV 103.9)
 ID Fruitland (move from Weiser) KWEI-FM 99.5 (from 99.3) 8300 h,v; 788 m, C1, site at Snow Butte, 41 km E. [CB 92.7]
 ID Pocatello K299AH *107.7 (from K224- /
 IL Benton WQRL 106.3 12500 h,v; 140 m
 IL Chicago WCYC *90.5 17 watts h,v; 26 m
 IL Freeport W217AJ *91.3 (from W202AD 88.3)

IL Tuscola WITT 93.5 6000 h,v; 87 m
 IN Fort Wayne WBN1 *89.1 34000 h,v; 184 m
 IA Algona KLGA-FM 92.7 50000 h,v; 69 m
 IA Grundy Center KGCI 97.7 20500 h,v; 109 m, C3
 IA Keokuk KYAT 96.3 (from 105.9)
 KS Copeland KYBD 98.1 203 m (100000 h,v)
 KY Bowling Green WMJM 96.7 1700 h,v; 130 m
 KY Leitchfield WKHG 104.9 3500 h,v (82 m)
 KY Mayfield WXID 94.7 31500 h,v; 135 m
 LA Monroe KLIP 105.3 132 m (50000 h,v), o, including classic rock
 MD California WRFK 102.9 3700 h,v; 124 m
 MI Grayling WQON 100.3 133 m (50000 h,v)
 MI Houghton WOLF 97.7 (from 96.3) 880 h,v; 155 m, C1 CP lapses
 MN Hibbing WMFG-FM 106.3 25000 h,v; 79 m, adds vertical, C3
 MN Lakeville WTCX 105.1 d-a, "to protect

WJCF
105fm

SOUTHERN TWIN CITIES
 AREA RADIO INC
 P O Box 82
 Rosemount, MN 55068

KRFO-FM 104.9 Owatonna"
 MN Marshall KBJJ 107.5 (from 107.1) 25000 h,v; 65 m, C3
 MS Pickens (move from Lexington) WLTD 105.9 (from 106.3) 25500 h,v; 210 m, C2
 MO Knob Noster KXKX 105.7 30000 h,v (89 m), C3 [(116 m)]
 MO Marshall KMMO-FM 102.9 100000 h,v /
 MO St. Joseph KKJO 105.1 177 m (100000 h,v)
 NH Lisbon WLTN-FM 96.7 6000 h,v (90 m)
 NJ East Orange WFMU *91.1 151 m (1450 h,v), d-a, grandfathered at super-maximum facilities—reflecting original error in its application
 NM Farmington K296DL 107.1 250 h
 NM Raton KRTN-FM 93.7 (from 94.3) 5500 h,v; 440 m, C2
 NY Bath WVIN 98.3 2750 h,v; 104 m
 NY Ithaca W262AD 100.3 (from W292AD 106.3) [92 m]
 NC Boiling Springs WGWG *88.3 50000 h,v; /
 NC Clinton WMXS 107.3 (from 107.1) 13000 h,v; 138 m, C3
 NC Laurinburg WAZZ 96.5 100000 h, 97000 v; 300 m, null 50°
 NC Semora WQVA 106.7 6000 h,v (100 m)
 NC Waxhaw WLWN 106.1 20000 h,v; 111 m, C3
 NC Wilmington WMNX 97.3 171 m (100000 h,v)
 ND Nash K2138Q *90.5 (move from Grafton, K261AZ *100.1)
 OH Columbus W272AT 102.3 with WHOK 95.5 Lancaster OH (from WDUB *91.1 Granville), goes commercial. WHOK to use it to feed on-channel booster WHOK-1 95.5 Columbus? See also "Public FMs Conspire to Reduce Translator Competition," Dec., 1992, pp. 6-7.
 OH Findlay W254CD *98.7 (from W207AL 89.3), h,v
 OH Gibsonburg WYHK 95.7 3500 h,v (132 m)
 OH Oberlin WBOC *88.3 (from 91.5) 3500 h,v (38 m) [mond" OR]
 OR Richland K220DA *91.9 (not "Rich- /
 PA Berwick W212AG *90.3 has KEAR 106.9 San Francisco CA (not WKDN 106.9 Camden, NJ)
 PA Lancaster WJTL *90.3 11800 h,v; 151 m
 PA Lewistown WMRF 95.9 3900 h,v, d-a (125 meters above average terrain)

PA St. Marys WKBI-FM 94.3 2000 h,v; 162 m
PA State College WPSU *91.5 (from 91.1) 1700
h,v; 365 m, B1

SC Charleston WEZL 103.5 204 m (100000 h,v)
SC Georgetown WBPR 97.7 100000 h,v; 241 m,
C1

SC Ridgeland WECH 104.9 16000 h,v; 125 m, C3
SC Socastee WMYB 99.5 14500 h,v; 131 m
TN Blountville WPGB *88.3 (move from 88.5)
652 m (470 h,v)

TN Dyersburg WKIQ *90.7 9960 h, 100000 v
(76 m)

TN Kingsport WKOS 104.9 2740 h,v; 150 m, d-a
TN Sweetwater WDEH-FM 98.3 1170 h,v; 180 m

TX Bowie KRJT-FM 100.7 6300 h,v; 133 m
TX Galveston KQK 106.5 403 m (100000 h,v)

TX Navasota KMBV 92.5 6000 h,v (80 m)
TX Odessa KKKK 92.1 125 m (100000 h,v)

UT Moab K300AF *107.9 (from K218AA *91.5
[or K224--*92.7 as shown on FM Atlas-15
map])

VA Ashland WYFJ *100.1 6000 h,v (91 m)
VA Concord W265AS 100.9 (from W285AQ
104.9)

VA Petersburg WVST *91.3 2200 v; 51 m (no h)
WSVV 100.3 4700 h,v (106 m)

VA Strasburg WBPB 104.9 3000 h,v; 67 m
WA Chelan K250AA *97.9 (from K215AD 90.9)

WA Pasco K261CG *100.1 (from K259--99.7)
WI Ashland WJH 96.7 75 m (50000 h,v)

WI Marinette WLST 95.1 133 m (100000 h,v)
WI Sturgeon Bay WFNL 97.7 3000 h,v; 100 m

WY Rock Springs KUWZ *90.5 346 m (93800
h,v)

VI Christiansted WAVI 93.5 15000 h,v; 226 m

Stereo—Or to Be \$[tereo]

AL Glencoe WGMZ 93.1, m
AR Texarkana KTOY 104.7

IN Kokomo WIWC *91.7
IN Wabash WWIP 105.9

KS Topeka KWIC 99.3, o, plus tal k. "Heavy
community service promised." Came on Oct.
15, as "Quick 99.3."

NY Southport WOKN 99.5, "OK 100"
PA Mifflintown WQJU *107.1

SC Belvidere WUOZ *88.3, gr, on air, parallel to
WLFJ *89.3 Greenville SC, with no local
studio, but plans to open one soon. For more
information call (800) 849-8930. Brian Dickert
is the new station manager. See "Off," below for
fate of WFGG *88.3 Fort Gordon GA.

TX Wichita Falls KTEO *90.5, cg
WA Auburn KGRG *89.9. Still mono, but going

stereo, while KBTC-FM *91.7 Tacoma, which
it rebroadcasts, is temporarily in "generated
stereo!" The reason KGRG is mono is they're
presently 100 watts. "They would have to split
power with each channel 50 watts. They're weak
enough without doing that. But by Jan. 1 they
will have a power increase to 250 h,v, and both
stations will broadcast in true stereo."

WA Castle Rock KAZL 107.1, heard testing
WA Chehalis KACS *90.5, g, on air

WA Pullman KRLF *88.5
W La Pocatiere CHOX 97.5

Monophonic
OK Alva KXLS 99.7—"program director claimed
he didn't know they were in mono or why!"

OR Tillamook KTIL-FM 104.1, remove \$ listing
SC New Ellenton WAJY 102.7 still mono with its
talk-sports format, "but every once in a while
they'll turn their stereo generator on. I don't
know why they do this."

Format Changes

Formats are the same as in the "FM Atlas"
AL Bay Minette WNSP 105.5 t, mono, ending its
LMA with WABB-FM 97.5 Mobile

AZ Quartzsite KBUX 94.3 b [Korean
CA Redondo Beach KFOX 93.5 still e, \$, now all/

CO Denver KHOW-FM 95.7 j, may change calls
CO Manitou Springs KIKX-FM 102.7 k

FL Lecanto WLMS *88.3 gr, parallel to WBVM
90.5 Tampa

GA Ashburn-Tifton (no longer IDing with
Cordelle) WFFM 105.7 r, parallel to WKMK
106.1 Sylvester

GA Hawkinsville WCEH-FM 103.9 mr
HI Honolulu KPOI 97.5 p, "Edge 98"

ID Sun Valley KSKI-FM 103.7 rp, "The Mountain"

IL Chicago WLUP-FM 97.9 tr, with music mainly
in the evening. "I'm not sure if Gary Meier
plays music or not. I hate tal k radio and right
away took WLUP-FM off my car pushbutton.

WLUP's AM has applied for new calls and has
gone sports-tal k."

IL Waukegan WXLC 102.3 p, "modern rock"
IN Bedford WQRK 105.5 op

KY Carrollton WIKI 95.3 k
LA Monroe KMGK 106.1 k, still "Y-106"

ME Lewiston WTHT 107.5 k
MA Chatham WFCC 107.5 c, having dropped

weekday afternoon classic jazz
MI Bay City WTRK *89.1 gr

MI Mackinaw City WFGE 94.3 r, "hot AC"
MN Albert Lea KCPI 94.9 (moving from 95.3) r,
"hot AC days/CHR nights"

MS Olive Branch WYVA 95.7 t, all weather, to
merge with WEGR 102.7-WREC AMemphis;
may be a temporary mono format

MO Brookfield KZBK-FM 96.9 mr
MO Montgomery City KMCR 103.9 mr

NV Carson City KIZZ 94.7 r, Unis. Adult Rock
NV Sparks KSRN 92.1 m, adult standards/oldies

NH Littleton WMTK 106.3 op
NJ Avalon WWOC 94.3 c, ending LMA with
WRDR 104.9 Egg Harbor City

NM Clovis KERC 107.5 k, returns to the air
NY Bridgeport WTKW 99.5 op, classic rock
NY East Hampton WEHM 96.7 pr, "alternative"

NY Frankfort WKLL 94.9 r
NC Lenoir WKVS 103.3 k

NC Topsail Beach WZXS 103.9 m
OR Pendleton KUMA-FM 107.7 mr

OR Portland KXL-FM 95.5 r, "Star 95.5" (from
"Lite 95.5")

PA Hawley WYCY 105.3 rm, "Y-105"
PA Huntingdon WLAK 103.5 r

SC Charleston WSSX 95.1 rm, "Mix 95.1" (from
"95-SX"), duopoly with WSUY 100.5, ending
LMA with WSP 94.3 Goose Creek

SC Conway WYAY 104.1 tr, adds Howard Stern
SC Greenville WLFJ *89.3 gr

SC Mount Pleasant WJUK 104.5 k, "Jukebox
104," now a duopoly with WBUB 107.5 St.
George

TN Jackson WNWS-FM 101.5 nt, mono

TN Oak Ridge WKNF-FM 94.3 k (country
oldies), duopoly with WOKI 100.3 there

TX Bay City KMKS 102.5 k, "Hot Country
102.5" (from "K-102")

TX Cameron KCRM 103.9 rm, on air after
moving from 103.1

TX Dallas KLRX 97.9 op, classic rock, CBS,
"Arrow 97.9" (not strict, from "Lite 97.9")

TX El Paso KAMZ 93.1 tr, adding Howard Stern
TX Jacksonville KSIZ 102.3 g, Reach southern
gospel [at KLRX 97.9 Dallas

KOOI 106.5 m, similar to the old format/
TX Rockport KXCC 102.3 op, ID with Corpus
Christi, "X-102," \$ [TX Terrell KTLR 107.1 k]

VT White River Junction WKXE 95.3 mr [Tejano
WV Welch WELC-FM 102.9 rm highlights

WI Stevens Point WSPT 97.9 rm, "Best music of
the '70s, '80s and '90s. The all-new 98,
WSPT." Very rarely uses "Sunny 98."

PQ Jonquiere CHOC 92.5 mt, \$, "community
news, music and talk" [eo Recuerdo"

TM Tampico XHMDR 103.1 fm, \$, "Ester-/

On Air—Real Stations and Pirates

CA Berkeley "Radio Free Berkeley" 88.1 with
one Stephen Dunifer broadcasting three hours
each Sunday night from various locations in the
hills overlooking town, using a 5-w transmitter
and equipment connected to a car battery. He's
been fined \$20,000 from the FCC but feels
stations under 10 watts should not be licensed, so
long as they don't cause interference.

GA Martinez WGOR 94.3, not yet moving to
93.9 [WTIF-FM 107.5, \$

GA Omega ("o-mee-ga," not "o-may-ga")/
GA Roswell W298AA *107.9 (WMBW translator,
which I consider deleted because of new
Roswell CP on 107.5 [no call letters granted])

GA Waynesboro WAGW 100.9 g, temporarily,
being simulcast with WYFA *107.1 (correct
listing p. 207 FM Atlas-15 to show calls as
WYFA).

ME Biddeford WSTG 94.3 at sign off mentions to
tune in WOKQ 97.5 for country music or
WBLM 102.9 for rock. "We'll be back at 5
tomorrow morning."

MA Boston—someone's interfering with WBCN
(104.1)'s remote frequency, probably in the
160 mhz band, when it originates programs from
outside the studio. They get on and spew
obscenities, similar to what Howard Stern is
legally (?) doing in the mornings on that station.
FCC engineer Vincent Kajunski said "We have it
under investigation. We're monitoring the fre-
quency and there are any number of ways we
have to catch them."

MN Grand Rapids K265DD *100.9 (having
moved from 98.3)

MN Hibbing WTBX 93.9, but probably only at
50 watts, making frequency clear to hear
other stations. KKRC 93.9 Granite Falls was
said to be on the air, but there's no sign of it.
Instead, I'm getting KTSB Sioux Center and
"KIA" Mason City IA, and WDOR-FM
Sturgeon Bay WI. WTBX's translators, in-
cluding W249AM 97.7 Duluth, off the air.
People have been shooting the transmission
line. "It's so bad it will probably have to be
entirely replaced." Now back on, full power+xltrs.

NJ Atlantic City W230AA *93.9, "located atop

Trump Taj Mahal Casino"
OH Jefferson WCVJ *90.9 still g, but only on 6
FM 90.9/Agape School, Inc.



We Celebrate Victory in Jesus

a.m. to 10 p.m. Monday through Saturday;
not on Sundays.

PA Bellefonte W204AR *88.7

WA Centralia K282AB 104.3

ON London CIQM 97.5 (having moved from
103.1), "Q 97.5"

ISRAEL "Prince of Peace" 104.5 or 105.1. One
of those two frequencies is on Mount
Herman, and the other is at Maroun er Ras.
License held by owner of KVOH shortwave
radio Los Angeles.

Off Air—Or Not Yet On

AL Union Springs WSFU 94.1

CO Kremmling KRKM 106.3, along with KRKY
930 AM Granby CO [810 AM

CO Rifle KSKS 105.3, along with KKGD/

GA Fort Gordon WFGG *88.3 now that WUOZ
Belvidere SC is on. "They had permission to
use the channel until we came on. Now Bob
Bierman at Toccoa Falls College is trying to
find them a frequency."

GA Gray WWIQ 96.5

GA Irwinton WVXX 103.7

GA Martinez WKBG 107.7

GA McDonough-Griffin WFMV *90.7

GA Milledgeville WXGC *88.9

GA Smithville WZIQ 106.9

GA Warner Robins WYIQ 102.5

GA Zebulon WEKS 92.5

IN Salem WKJK 98.9

MN Cold Spring KMXX 94.9, pending sale, but
"will return as a duopoly with WJON-WWJO
(98.1) St. Cloud"

OKlahoma KMKZ 95.7

OR Seaside KBRD 98.1, nor is it on its former
frequency of 94.7

PA Boalsburg WVCV 93.7

PA Burnham WVNW 96.7

PA Covington WDKC 101.5

PA Mansfield W212AE *90.3, WMPA 92.3

PA Port Matilda WXXZ 107.9

PA Ridgbury WMKB 96.9

PA South Waverly WLGK 96.1

Deletions

AK Galena AFRN *90.5, AFR *101.1, with the
closing of the air force base, leaving only
public KIYU 910 and a KSKA *91.1
Anchorage mono translator in the area. On
statewide news it was mentioned the AFR
stations would be missed by the townspeople.

GA Lilburn W288AU *105.5

GA Montezuma WLML 92.5 (95.1 allocated)

ME Winslow WJBI-FM 95.3

MD Baltimore WAFE-FM *90.5

MN Blue Earth K217AR *91.3

MN Virginia K211AS *90.1. "They get us
directly on 91.7 better now that we have a
new transmitter."

MS Greenville WYBJ 104.7

MT Sidney KSDY 95.1, "for failure to file
application for license renewal" (and
translator K257CE 99.3 Glendive MT)

NV Ely K249CL *97.7

NY Ogdensburg WPF 98.7

OR Bonanza K244CH 96.7

TX Dallas K292BV 106.3. "I... have gone
several times to the site [and] not a peep. I
had earlier written to the chief engineer of
KOAI (now KHKS) and requested info, but
never got a reply... Incidentally, KHKS
advertises as 'KISSFM', so most people think
that's what the station call letters are."

VA Galax WPRH *91.1

SCServices, 57, 67, 78.67, 92, 110
kHz

*New formats I am considering adding to account
for the ethnic SCSes: H Haitian French, I Iranian,
India languages, Islamic/Arabic, J Japanese, K
Korean, L Latin American/Spanish-Portuguese,
O other Oriental languages, including Chinese
languages and Tagalog, Q European languages
(such as Greek, Russian, Italian). E would remain
for miscellaneous ethnics and for stations em-
ploying a variety of languages on their SCSes.
Your comments are invited.*

Symbols are as in the "FM Atlas"

AR Reading Service for the Blind still on the 67s
of KLRE *90.5 Little Rock and KKEG 92.1

Fayetteville. In addition, it is on the SAP of
Channel 2 Little Rock and 19 near Jonesboro,
and will be coming on Channel 6 in Harrison-
Mountain Home, 9 in Gurdon and 13 in
Fayetteville. "We reach a few people who have
SAPs on their VCRs that way."

CA San Francisco KOIT-FM 96.5 †G, 92,
Mormon (†X, 67). They're using modified
G-E Superadio IIIs.

IA Des Moines KDIN *11, Iowa City KIIN *12
Descriptive Video Service for the blind, SAP.
For DVS demo call (800) 333-1203.

MO Mount Vernon KELE 106.7 †S, 67, heard
broadcasting from a remote at a pizza place in
conjunction with KGMV-FM 100.5 Aurora MO,
with "laughing in the background." Its SCS
carrier is usually blank, but keps going on and
off, as if sampling for audio. Same ownership as
KGBX 105.9 Nixa MO.

NJ Newark WBGO *88.3 Radyo Pinoy, 92 kHz
(see March, p. 4, col. 2). AT&T will provide
SCA radios free to those who want to tune in
Radyo Pinoy. "This was announced on Radyo
Pinoy's WNJR program (1430 AM, 7-8 p.m. M-F)
and several hundred calls have come in... The
radios (up to 1000 of them) will be distributed at
many Filipino stores in NY and NJ, only to those
who have called and left their name and number
with Radyo Pinoy. There is 'no obligation' but
AT&T will be trying to sign people up for their
various overseas long-distance programs. Current
SCSet owners may be able to get a partial rebate;
details are still being worked out."

WNWK 105.9 no 67. Radio Uno folded because
the principal owner "got sick, retired and
moved back to Italy. Our 67 is available, and for
prospects wondering how our signal is, I loan
them a radio and they can take it to various
neighborhoods and check reception."

NY Buffalo WGRF 96.9 still †C,C. The 67 is a
pre-delay of the AM with talkback to the
studios from remote site; the 92 is also an AM
pre-delay with no talkback. These SCSes are 7

seconds ahead of the AM station program.

And "we are looking at 110 kHz as a remote
standby frequency in case our STL goes out."
NY Lake Success WYNY 103.5 †C, 92, relay of
main channel, having dropped Colombian
Spanish. "I'll be looking for that Jewish station
to show up. Too bad WNYE 91.5 doesn't want it,
because it reaches the south shores of Brooklyn
and Queens, which is definitely necessary for a
Jewish service. WNYE couldn't have a talking
SCA anyway with that extra-loud data SCA of
theirs. Has the Jewish station considered WBAI's
(99.5) 67? It's an open carrier now."

TN Memphis WYPL *89.3 †(), RBDS demon-
stration station for the area; also had
experimental SCSes earlier this year in
conjunction with the Association of Radio
Reading Services convention.

WI Milwaukee WMVS *10 has DVS on itSAP
"John York, my chief engineer, bought a
modified G-E Superadio from you and he
really likes it. I'd like to order two radios now for
myself."

"I recently had the pleasure of listening to music
on the G.E. Superadio II purchased from you by
my dentist. . ."

"Very disappointed in your SCS mod in my
Superadio II—barely get Muzak with lots of
noise. . ."

"A copy of your brochure was given to me by
one of your customers, Mr. John Niermeyer. He
spoke highly of your services related to his G-E
Superadio that you modified to receive the
broadcasts directed to the blind."

The radio "simply received a very poor, low-
quality tone. It did not receive well. . . As far as I
am concerned, you owe me the full price of the
radio. If I do not receive this, I will take whatever
action I can including notifying the postal
service, your nearest Better Business Bureau or
Chamber of Commerce, and the magazine in
which I noted your advertisement in the first
place of your poor business practices. . . Let me
also suggest that you consider a course in
customer relations for your business. I believe
you would be far more successful. . ."

"The new radio is far superior in sensitivity and
quality of tone to the single channel one supplied
by IN TOUCH, plus that it can, if wanted, be
used for normal radio."

"I like the G-E Superadio you modified several
years ago. I also have a modified GPX TV set on
my desk, which gets the reading service on SCA
and the SAP. . . I bought that from LS&S Group
in IL, with your modifications in it."

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 top of hour)*

GA Augusta WGUS-FM 102.3 Froggy 102.3,
"same type of 'k' format as WKXC-FM" 99.5
Aiken SC

GA Baxley WBYZ 94.5 still Z-94, but also uses
"Hit Kickin' Country"

GA Cordele WKKK 98.3 Kickin' Country
IL Charleston WHQQ 92.1 Double Q 92, does
not ID with Arcola-Mattoon

IL Princeton WZOE-FM 98.1 Z-98

IA Boone KRUI 98.3 The Rooster, now with
studios in Des Moines, and having a C2 CP

ME Westbrook WYNZ 100.9 Oldies 100.9 (from "Y-101")
 NJ Long Beach WZVU 107.1 Oldies 107.1 (strict, from "Seaview 107")
 NY Briarcliff Manor WXPS 107.1 X-107 (from "Express 107.1"). They keep saying "if you can't pick us up move!" [See Sept.-Oct. p. 4, col. 1.] "This used to be WRNW (see enclosed Howard Stern business card from his book,

Howard Stern
 Program Director



Rock
 Station

55 Woodside Avenue, Briarcliff Manor, N. Y. 10510
 (914) 782-1071

"Private Parts". There's been a "major shakeup" at WXPS, with program director Paul Cavalcante, who had been at WNEW AM and WNCN 104.3, fired. He was trying to implement a new adult contemporary rock format, but was shoved aside when the station decided to try a new mix of rock for a younger crowd. About his firing, Cavalcante said, "I'm not angry. I hope the station does well. But there's no fulltime commercial station in this market doing what we were trying to do—and I think we need it."

NY Montour Falls WNGZ 104.9 uses calls, no "Wings 105" [ID with Put-in-Bay]
 OH Sandusky WCPZ 102.7 The Fun Point/
 PA Bloomsburg WHLM 106.5 Mix 106.5
 PA Erie WFGO 94.7 Froggy 94.7, also "Oldies 94.7"

PA Towanda WTTC-FM 95.3 Alive 95, still mono
 SC Greenville WMUU-FM 94.5 Unique FM, which includes classical, in addition to beautiful music and religion
 TX Orange KIOC 106.1 Power Hits 106 (from "K-106") ["94 Key"]

WA Long Beach KKEE 94.3 uses calls, no/
 WI Sheboygan WWJR 93.7 JR 93-7 FM
 BC Vancouver CFOX 99.3 The Fox (from "C-Fox")

ON Toronto CFMX-1, Cobourg CFMX Classical 96 and 103 FM. "We do ID now and then, but are basically a nonDer. . . We still don't have official CRTC approval for the transmitter site's move" (of CFMX-1).

ON Woodstock CKDK 103.9 (having moved from 101.7) K-104; had been testing while both frequencies were active. It's apparently moving because of the new WGRT 102.3 Port Huron MI.

Multi-City IDs in Use

AL Centre-Sand Rock 105.9 calls are WRHY (not "WHRY") Sept.-Oct., p. 5
 ME Bath-Augusta WKRH 105.9 adds Brunswick in the middle, "Rock 106" (from "KRH")
 ME Boothbay Harbor WCME 96.7 with a second variable city [ble third city]
 ME Camden-Rockland WQSS 102.5 with varia-
 ME Gardiner-Augusta WABK-FM 104.3 with Lewiston-Auburn or with Waterville; sometimes IDs as merely "WABK."
 ME Gorham WMPG *90.9 with Portland

ME Harpswell WMSJ *91.9 with Freeport-Bath-Brunswick
 ME Lewiston-Portland WXGL 93.9 with Augusta, not with Auburn; correct calls "FM Atlas-15," p. 174 (not "WXGL-FM") [Augusta
 WTHT 107.5 with Portland but not with/
 ME Skowhegan WTOS*-FM" 105.1 adds Augusta-Waterville
 ME Thomaston WAVX 106.9 with Rockland (not with Bath-Augusta) [Augusta-Skowhegan
 ME Waterville WTVL-FM 98.5 no ID with/
 NH Berlin-Portland ME WZPK 103.7 drops ID with Portsmouth NH
 NH Conway WMWV 93.5 no ID with Fryeburg (ME)-Tamworth
 PA Canton WHGL 100.3 with Mansfield-Towanda; no longer with Troy
 PA Hershey WRKX 106.7 does ID with that city first during the hour, but at the top of the hour it leads off with "Harrisburg"
 PA Sweet Valley WRGN *88.1 with Wilkes-Barre-Scranton: still monophonic --
 TX Fort Worth KTCU *88.7 with Dallas, "FM 88.7" (strict; from "College 88.7"), on 7 a.m.-1 p.m.

AM Happenings Most Likely Caused by FM

DC—FCC Selects Motorola C-Quam as the U.S. AM radio standard, as if anybody cares now. Most AM stereo stations here are C-Quam. Now will Leonard Kahn sue the FCC? The FCC will let stations with the Kahn system use it in stereo for one more year. Those using Kahn equipment with "stereo-phony," or the identical program fed to both channels of the exciter, may do so indefinitely.

FL Jacksonville WPDQ 690 silent. It's being sold to WOKV 600, which is expected to move to 690.
 GA Atlanta WSB 750 and other Cox stations: AM stereo "is almost a non-issue. Most of our stations that put it in initially have taken it out. Program directors think it decreases the coverage. Since there are so few people out there that care, we just took it out," said John Swanson, v-p engineering.

IL Chester KSGM 980 silent. "Another flood victim; this one may or may not return."
 MN Minneapolis KUOM *770, the oldest station in the state of MN, has converted to student operation, as "Radio K," now rock, but will keep five or six of the old staff (half the old staff), including Andy Marlow, general manager. Some parttime students will be paid. Its budget drops from \$700,000 to \$500,000, but it plans to retain CPB funding, and remain noncommercial. "Radio K exists in part because the MBA (Minnesota Broadcasters Association) lent its support to our proposal. . . Most importantly Radio K is run by college students."
 MS Cleveland WDTL 1410 and WYNO 1120 Nelsonville OH—each threatened with a \$250,000 fine for being silent without FCC authorization.

ND Wishek KDRQ 1330 silent
 TN Etowah WCPH 1220 silent, but FM remains on
 TX Borger KBBB 1600 deleted by FCC
 TX Fort Worth-Dallas WBAP 820 takes top spot from sister KSCS 96.3, with a 5.9 to KSCS's 5.4.

WBAP now all talk, except for Bill Mack's overnight country-truckers' show. "Note also that KOAI 107.5 Fort Worth, The Oasis, is now in 12th position; in the last rating period it was No. 10. This was a good format change for them. Previously as KCDU, oldies rock, it was lost in obscurity. The new KOAI is being programmed much better than the old one. Its instrumental-based 'smooth jazz' format seems to be enjoying a multiethnic popularity. Those listeners who bemoan the lack of an easy listening station in their area might want to check out this type of format if it's available. Granted, it's an acquired taste, but most of the music is extremely listenable."

TX Pasadena-Houston KIKK 650 now all simulcast with 95.7 FM. "Larry Galla and the Kik oldies show will be missed."
 WA Vancouver KVAN 1550 returns to the air after being off since Sept. 4 "after the prior owner, Fairmont Communications of New York, filed for bankruptcy." It will offer news and information.

ON Leamington CHYR 710 (or 730) confirmed off; replaced by CHYR 96.7
 ON Niagara Falls CJRN 710 reported off. "I listened between 5 and 8 a.m. WOR from New York was the dominant station from 5:30 to 6:30. After that I got a clear station ID from CKVM Ville-Marie in French with network ID of 'Ici Radio-Canada'. Also heard WFNR Blacksburg VA" in N.E. OH.

ON Ottawa CJSB 540 applies for 106.9 FM and to "end AM service."
 The FCC has reclassified AM stations into Classes A, B, C and D. Except for Class D, the classes in AM are the opposite of those in FM. A now includes the former I-A, I-B or I-N. B includes II, II-A, II-B, II-C or III. C includes Class IV, while D includes II-D, II-S, III-D or III-S.

FM Rulemakings Proposed

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

FL Panama City WFSY 98.5C1 from C2, Nov. 18, Dec. 3
 GA Montezuma 105.9A for 95.1A, former station WMLL (which had a CP for 92.5), Dec. 20, Jan. 4
 HI Ocean View Estates 95.3A, Nov. 18, Dec. 3
 IL Herrin 92.7B1 for A, WVZA counterproposal
 IA Madrid 96.1A, Dec. 20, Jan. 4
 MO Centerville 92.3A counterproposal
 MO Ironton 99.5C3 or 99.5A for 92.7A, KYLS, with Herrin IL
 MO Monroe City KDAM 106.3 show cause/why not move to 107.5A [counterproposal
 ND Bismarck 99.5C3, KREI Farmington MO/
 TX Pilot Point 104.9C2 for Denison 104.9C2, Dec. 20, Jan. 4

FM Rulemakings Finalized

Dates are when FCC filing windows are open
 AL Columbiana 101.5A, Dec. 14-Jan. 13
 AZ Window Rock 102.7C1 for 103.1A, KHAC-FM
 CO Limon 103.1C2, Dec. 14-Jan. 13
 FL Micco denied Micco Bcstg. 95.9C3 bid
 ID Lewiston 105.1A, Nov. 23-Dec. 23
 ID Rexburg 98.1C1 for C3, KOBG

IL Lena 102.1A, Nov. 23-Dec. 23
 KS Lindsborg 95.5C3 for 95.9A, KQNS
 KS Sterling 94.7A for 95.7A
 LA Amite 96.5A, Nov. 16-Dec. 16
 OR Newport 92.7C2 for C3, KCLM
 OR Reedsport 99.5C3 for A, KRBZ
 WA Clarkston 102.9A, Nov. 23-Dec. 23
 WA Wilson Creek 103.3C3 for A, KVYF
 WY Afton 98.7A for 98.3, KRSV-FM

Five DAB Systems To Test by December 31

Cleveland is the city in which five DAB (digital audio broadcasting) systems are to be tested before the end of the year. The Electronics Industries Association, which is comprised of receiver manufacturers, will test systems that are not in-band, on channel--AT&T, Eureka, NASA/VOA. The broadcast industry group, the NRSC, will test USA Digital and Amati/AT&T, which are the in-band, on-channel systems. All systems are to be tested for field strength and signal quality, as well as interference to mobile reception. Scrutiny will be paid to how a signal degrades at the end of the coverage area. Systems using the FM band will also be tested to see how much interference is created between DAB and existing stations. I hope they check to see if the systems coexist with FM subcarriers at 67 and 92 kHz.

FCC Sticks to Liberalized FM Broadcast Applications Policy

The FCC has denied a petition by a professional engineers' group seeking reconsideration of the processing procedures for commercial FM station applications. In 1992, the FCC modified its strict "hard look" processing system in favor of being more flexible. This allows applicants to correct what were previously fatal defects in their applications. The Association of Federal Communications Commission Engineers argued that the new minimum filing requirement errs in allowing applicants to correct the omission of certain engineering data. Being engineers, these folks felt that incorrect or missing technical data are too important to be lacking from an application.

In denying the petition, the FCC reasoned that although the engineering data are important, a few errors or omissions can be tolerated at the early stage of processing an application to allow for more flexibility of the system as a whole. And the FCC said that the modified "hard look" policy has been in effect a full year and is working well. "Although the [FCC] staff now gives applicants an opportunity to correct deficiencies there is no appreciable change

in speed of service, due to a more effective and efficient process," the FCC said. Obviously, AFCCE was trying to feather its own nest, hoping to discourage individuals from preparing their own applications.

Small-Print Happenings and FM Industry News

The FCC has granted the application to assign the licenses of KJBR 101.9 and KBTM AM to Duke Radio Broadcasting, Inc., with an unusual one-year waiver to allow Duke to divest itself of either KJBR or its KFIN 107.9. Duke submitted an exhibit showing there are 15 radio stations in the market; however, according to Arbitron, the audience of the proposed ownership combination would be 34.19 percent. Because the combined audience share exceeds 25 percent, the proposed combination is "considered prima facie inconsistent with the public interest under the new rules," the FCC said. Duke claimed a permanent waiver should be granted because at least one of the stations is "financially struggling." However, the FCC rejected Duke's proposal that suggested the FCC look at a six-year schedule of ratings to prove that the 34.19 share is anomalous. The FCC did grant Duke a temporary waiver of one year "to allow for the divestiture of Duke's interest in one of the two FM stations." The Commission found that a limited waiver in this case would not unduly compromise the fundamental policies served by the local ownership rules.

Another sale involves the purchase of KEBC 94.7 Oklahoma City for \$7.5 million by the owners of KJYO 102.7-KTOK. The FCC must approve this sale, and it too has complications because of ratings. In the Spring, 1993 book, the combo had a 24.3 share, but by summer it had risen to a 29.

Arbitron, meanwhile, has discontinued its syndicated local market television and cable ratings, concentrating on radio, as well as research services for local TV and cable in as many as 25 markets nationally. Some 733 Arbitron employees have reportedly been given the axe. Stephen Morris, Arbitron president, said, "The company remains committed to its core business, radio, and is continuing to improve its new Maximi\$er and the development of the personal portable meter... We are excited about the range of products we will be offering to help [radio station executives] better position your medium to advertisers and marketers."

The merging of KIKK AM Pasadena TX (see above, "AM Happenings") and KIKK-FM 95.7 Houston with KILT-FM 100.3 and AM in a duopoly has resulted in 19 staffers losing their jobs, while 15 at WCXR 105.9 Woodbridge-WCPT AM Alexandria VA lost their jobs. Those stations have merged under the Viacom umbrella with WMZQ Arlington VA-WMZQ-FM 98.7 Washington DC. Also in Washington, Infinity, owner of WJFK-FM 106.7 Manassas VA, buys WPGC-FM 95.5 and AMorningside MD.

New duopolies/LMAs in Florida—Clear Channel Communications combines WMTX-FM 95.7 Clearwater-WMTX AM Pinellas Park with WRBQ-FM 104.7 Tampa and WRBQ AM St. Petersburg. A new Miami-area combo involve WHYI 100.7-WAXY 105.9 Fort Lauderdale. Evergreen Media is picking up KIOI 101.3 San Francisco for \$45 million, to be paired with KMEL 106.1, while Heritage Media acquires WEZW 103.7 Wauwatosa, to be operated with its WMYX 99.1 WEMP AM. In Virginia, WVLR 102.7 Appomattox, in an LMA (local marketing agreement) with

WVRV AM Lynchburg, is to go to WXYU AM-WJJS 101.7 Lynchburg VA in an LMA-to-buy. Austin TX KPEZ 102.3 and KHFI 96.7 Georgetown are in a sales-only LMA with KFON AM and KEYI-FM 103.5 San Marcos. Rockport TX KXCC 102.3 is in an LMA with KLTG 96.5-KDAE AM Corpus Christi. Sacramento's KRAK-FM 105.1-AM, already paired with KQBR 104.3 Davis CA, are acquiring KNCI 98.5. It is expected the lower-power KQBR will be spun off.

Communications lawyer Gregg Skall warns broadcasters to be careful of LMAs, especially in not allowing the assuming of unauthorized assumption of control for either the station doing or receiving the LMA. CanXus Broadcasting (WCXU 97.7 Caribou ME), for example, allowed the mingling of accounts receivable, checking accounts and accounts payable with another station, which even told what salaries to pay.

Westwood One and Infinity Broadcasting have announced the purchase of the radio network business of Unistar Radio Networks, Inc. for a little over \$100 million. This deal will give Infinity five million shares of Westwood One, and Infinity chairman Mel Karmazin will become chief of Unistar. Norm Pattitz of Westwood One remains chairperson of the board. Westwood One-owned "Radio and Records" newspaper is said to be for sale.

Public radio [-TV] mergers have hit AK and KY. KSKA *91.1 and KAKM *7 merge their community licenses—the result of an "unhurried examination" involving staff and volunteers at the two stations, as well as their boards. Loss of much of the state support was "the catalyst for such a merger." KSKA has 13 employees and an annual budget of \$1 million, while KAKM has 26 employees and a \$3 million budget. Cost savings—in administrative, engineering, development and programming staff—estimated at \$100,000 to \$125,000 a year. FCC approval could take three months, and then the AK Department of Commerce and Economic Development must also rule on the merger. Alice Walsh of KSKA will become vice president of radio and chief financial officer, while Dean Hoke of KAKM becomes president of the merged corporation.

In Louisville, WUOL *90.5 and the city library's two stations, WFPK *91.9 and WFPL *89.3, plan to create a new nonprofit licensee. Their merger, as well, is for financial reasons, with format changes to follow. Both WUOL and WFPK have classical, and the metro area "simply cannot support two fulltime classical stations," said WFPL/WFPK General Manager Gerry Weston. The merger would result in three stations having separate formats, with one probably dropping stereo and becoming strictly a news-information station, another a classical station and a third would involve a "triple A format—adult, acoustic and alternative."

KSRQ *90.1 Thief River Falls MN was on the air four weeks this summer from cozy but confining studios in a motor home, while the campus of Northwest Technical College underwent asbestos cleansing. Rather than go off the air, as so many school stations do anyway during the summer, KSRQ chose to relocate at its transmitter site 27 km away for its 18-hours-per-day schedule. "It was a real experience. We were very concerned about security, especially for our female staff late at night and on weekends. We made special arrangements with male staff members to be at the site after dark and periodically on weekends," wrote Don

Jorstad, in the MN Broadcasters Association Newsletter. "We were able to get a special dish from AP to keep our news service, and reprogrammed an old satellite dish on the site to get our CNN Network feed. . . All our staff are students learning the broadcast business and they deserve a lot of credit for seeing that the show went on despite mosquitos, flies, moths and the outdoor port-a-potty. . . We all appreciated our college studios when we were finally able to return. Everyone involved has their own favorite story about the summer of 1993. They can now all talk about real radio!" Pictured is the



motorhome parked next to the transmitter building.

It's not just the notorious Greaseman and Howard Stern who are being syndicated, but the pioneers in raunchy morning "humor," Bob [Kevoian] and Tom [Griswold] from WFBO 94.7 Indianapolis are to be featured in syndication. They've been signed to a new six-year contract, in spite of attorney Tom Price's efforts to get them silenced.

Infinity has hit the end of the road in FCC appeals over an old \$6,000 fine for a 1988 "Christmas Party" skit. It must now pay or go to court. Also fined, for reasons varying from public file missing or incomplete, using unlicensed operators, to Emergency Broadcast System faults, were these TX stations: KHER 94.3 Crystal City (\$2250), KBFM 104.1 Edinburg (\$4500), KPFT *90.1 Houston (\$500), KBNL *89.9 Laredo (\$250), KKHQ 98.3 Odem (\$20,000), KQTX 105.5 Portland (\$5000); KVLTV 92.3 (\$250) and KIXS 107.9 (\$125) Victoria.

Minnesota Public Radio has been granted a waiver of FCC rules to air a 35-hour radiothon for the St. Paul Chamber Orchestra. The ork is for-profit outfit, featured nationally on APR Sunday mornings. The radiothon was designed to raise money to help the orchestra through the end of its fiscal year. There could be a name change in the works for American Public Radio. They're not saying, but "City Business" newspaper had a story, "APR Plots Changes to Compete Against Biggie NPR." An ad agency, CME-KHBB Advertising, is consulting with the 10-year-old network on a "pro bono" basis.

National Public Radio has a new president. Delano E. Lewis succeeds Douglas J. Bennet, who resigned last May to accept a position in the Clinton administration. Lewis was president of Chesapeake and Potomac Telephone Company,



Delano Lewis

and probably a Democrat. Lewis leads a network providing news and other programming to 400 member stations in the U.S., with programming available to many stations in Europe, effective September. I know Radio Finland goes to NPR at 9 a.m. EST on 103.7 in Helsinki. NPR plans soon to move to its new headquarters building, 635 Massachusetts Ave., N.W., Washington DC.

Another use for the 57-kHz RBDS signal—for navigation, along with the global positioning satellite service (GPS). SCS, by using receivers in fixed locations, would permit more accurate finding of your kidnapped radio-equipped child, for example. Also promoted for RBDS is "CouponRadio," which would use an electronic memory card that listeners insert into specially made radios during commercials. Listeners then take the card to participating merchants who insert it into a special machine that reads the information and spits out a coupon good for a discount on certain products. The "coupon" would also point out to advertisers which commercials and stations were effective.

WGCI-FM 107.5 Chicago is the apparent winner this time in a sex-discrimination suit filed by Shannon Dell. She sued because the station's male drive time hosts, Doug Banks and Tom Joyner, were making more than she was. She sought \$2.9 million, but a jury found the station not guilty of discrimination. Her pay ranged from \$40,000 to \$55,000 per year, while the two male stars were paid between \$625,000 and \$750,000. The decision affirms a long-time policy in radio of allowing paying widely differing amounts to people doing essentially the same jobs.

Also being sued is WXGL 93.9 Lewiston ME—by Jon David Michael Scott for breach of contract. The 36-year-old d-j worked at WXGL 13 months, holding down a night shift. He claimed the station was to have aired spots for his private D.J. Hops company, with the ads run at "almost inaudible levels and at a considerable lower volume than other clients of the radio station." The suit seeks actual and punitive damages, but no dollar amount is mentioned.

The station being sued by Matthew Field (Sept.-Oct., p. 8, col. 3) has won a battle against Class Entertainment and Communications, which wanted the 104.3 frequency of WNCN New York. The FCC dismissed Class' application, and granted GAF Broadcasting, Inc. its license renewal.

See above, "Facilities," for the latest on the WFMU East Orange NJ problems with its fellow stations nearby on *91.1. The FCC allowed WFMU the right to continue interfering with WSHU Fairfield CT and WVNJ Dover Township NJ. WFMU's previously-authorized height has been accepted by the FCC, which ordered the disputants to negotiate. WFMU will, however, move its antenna a little over a km away from a massive new water tower that might interfere with its signal, plus adding a directional antenna to reduce overlap with WSHU. WSHU, meanwhile, gets to raise its power in other directions—especially toward Stamford and Norwalk. WSHU and WFMU agreed to accept some mutual interference in an overlap area.

And, to the south, WVNJ has agreed with WFMU to accept limited mutual interference, with neither station actually giving up anything, according to WVNJ Chief Engineer Walt Gradzki. WVNJ is working with Philly's Channel 6, WPVI, on a matter of interference along part of the NJ shoreline; an agreement is expected soon. Tensions continue at WFMU, however. Ken Freedman, returning general manager, writes in the

WFMU program guide, "The aggressors have been rewarded" with power increases. In defense, he said "we're going to have to make the protection and expansion of our signal a high priority."

WFUV *90.7 New York, which holds a CP for more power and wants paying SCSes, can't convince the Corporation for Public Telecommunications Facilities Program (PTFP) that it is a secular station, despite carrying a Catholic mass on Sunday morning. [See also Feb., 1992, p. 7, col. 2] G.M. Ralph Jennings had expected to receive a matching grant of \$286,000, which would help the station go to 150 m (50000 h.v), and thereby reach 170,000 new listeners up the Hudson River who now cannot receive public radio. That ordinarily would have qualified WFUV a high priority for PTFP assistance, according to "Current" newspaper. The principle of church-state separation doesn't require PTFP to withhold aid to a station airing a single religious program a week, Jennings contends. "There are ample ways to distinguish between a station that carries an insignificant amount of religious speech and a station devoted to religious propagation."

WRBB 104.9 Boston to go bye-bye? That's possible as the tiny 10-watt station finds WBOQ 104.9 Gloucester breathing down its back. The Northeastern University station interferes with WBOQ in Somerville, Cambridge and Dorchester. "And with WBOQ looking to increase its power down the road, something's got to give," said Dean Johnson in the "Boston Globe." WRBB might entertain a buyout by WBOQ, particularly if it results in enough money so that they could buy another radio station. Doug Tanger said there is an offer to Northeastern University, but it's nowhere near the six-figure sum that WRBB apparently wants. WRBB expects to be around, but the question is, "Will it be heard?"

Station totals from the FCC as of Sept. 30 (all licensed and operating): AM commercial 4949, FM commercial 4938, FM educational 1641. Notice that only 11 stations separate the commercial ly-licensed FM from AM stations? By the next report from the FCC, the gap may have closed in FM's favor.

From the classifieds: Miller Transmitters—ideal for low power distribution in your home or other AM-FM-TV-CD sources to walkmen or small radios. These are modified FM radios, which have the capability of having extended coverage with an outdoor antenna and booster. Only \$49 plus \$4 shipping from P. O. Box 114, Good Thunder MN 56037-0114; (507) 278-4635. Hmmm. Might this be related to the picture item on the back page of the last FMedia!

Various FM Monitors wanted, such as Marantz, Karg, RE.L. Scott, Fisher and McIntosh, L. Blackman, RG Studio, Lawson Rd., No. 4, N. Reading MA 08164; (508) 664-0174.

"Monitoring Times" mentions my SCS-modified G-E mono factory refurbished cassettes with FM-AM at \$71 postpaid; I also have a small quantity of factory renewed G-E Superadio IIs; call at (218) 879-7676 to find out about availability. Some of this stock will go to Dave Jackway, SCS Technology, at (800) 944-0630.

"FM Atlas," 15th edition now ready—a 208-page book covering main channel programming and facilities, SCS and stereo utilization, with station coverages computed; 102 pages of FMaps, directories by geography and frequency. Companion reference to FMedia! and a great travel aid as you sleuth out FM stations in other markets. One copy \$16 postpaid, two or more copies \$12.50 each plus \$1.50 per order postage. Order from "FM Atlas," Box 336, Esko MN 55733-0336, U.S.A.

FM AS IT WAS—OR MIGHT HAVE BEEN

Memories of the defunct KSTE *88.7 a 10-watt college station in Emporia KS

from Paul Swearingen, Topeka: "I broadcasted on KSTE a time or two-as a member of the Broadcasting Club of KSTC-Emporia (Kansas State Teachers College). Don't know when it went silent. Had forgotten those call letters! Can remember when WIBW-FM (102.5) was almost the only station on FM available in northeast Kansas." The WIBW-FM exciter was later sold for \$1 to Kansas State College, Manhattan, where it formed the transmitter of 10-watt KSDB *88.1, until that station upgraded on 91.9. I was faculty advisor to KSDB 1959-61; it was my first teaching job.

I can recall DXing KSTE using a modest FM yagi antenna connected to a Harman Kardon tuner; the antenna mounted to the second floor porch of a wood-frame house and rotated manually. Kansas City FM provided the most reliable out-of-town reception, with KXTR 96.5 classical (then and now) and KCMO-FM 94.9 with good, commercial easy-listening music. KBey 104.3 Kansas City was an interesting m-o-r type station that was new to the air while I was in the area; WDAF-FM 102.1 also came on new; they signed on about 3 p.m. Also new was KCJC 98.1 Merriam KS, which I visited. It had a 16-bay antenna (all horizontal in those days) that gave tremendous e.r.p. (effective radiated power) at not too much height. KXTR was playing Heritage classical tapes with studios in a house. KCMK was in a rather dingy hotel downtown; I met a "T. B." there, who later was involved in vending in Kansas City. Around 1980, he drove to Kearney NE and spoke to one of my classes in broadcasting. He wanted me to be part of an SCS undertaking involving 97.5 in El Paso-transit radio, but I was afraid to get involved because of his mafia connections. While I was in Kansas, KANU *91.5 Lawrence lost its tower and it was off the air for about a year. KAFM 99.9 Salina came on the air, with about 3600 watts and rather poor fidelity, owned by Salina F-M, inc., which has recently agreed to sell the station. KTOP-FM 100.3 Topeka came on the air with rather low power; a downtown Manhattan drug store with an outdoor FM antenna would pick it up and play the music through the store; we called it the "FM Drug Store." KTOP-FM played comedy albums. Bernie Holbert owned a liquor store and was chief engineer of KSAC (AM). He wanted to tape the albums for the FCC to hear, as he believed they were obscene.

I hosted a Sunday afternoon classical program on KSDB, and recall keeping the station on the air after the usual 10 p.m. sign off to carry returns from the Nixon-Kennedy election. We had a few listeners; most of those we were aware of tuned to the nightly classical program. The only rock was when programming live from the "Dive" at the student union on

weekend evenings. KSDB was on 5 p.m. to 10 p.m. weekdays, 9 a.m. to 10 p.m. Saturday, and 1 p.m. to 4 p.m. Sundays.

Somebody sent a map from the "Massachusetts Historical Atlas," 1988, showing the locations of AM and FM stations there. It mentions 179 radio stations in the state, 104 of which are FM. "The two oldest (1940) operating FM stations were WSRS in Worcester and tiny 444-watt WCFM in Williamstown--the state's first public radio station. Other early FM stations were Boston's WJIB (1945; now WBCS), New Bedford's WMYS (1946), and Springfield's WHYN-FM (1946). The number of FM stations grew from 2 to 30 between 1945 and 1959, with the greatest growth between 1960 and 1979 (62 new stations). Twelve FM stations started in the 1980s. The most powerful station--Boston's 100,000 watt WGBH, a public station--opened in 1951." Other old FM stations in MA by year: 1947 WMAS-FM 94.7 Springfield; 1948 WJMN 94.5 Boston, WCAV 97.7 Brockton, WBMX 98.5, WODS 103.3 Boston; 1949 WJFD 97.3 New Bedford, WERS *88.9 Boston; 1950 WBUR *90.9 Boston; 1954 WCRB 102.5 Waltham; 1955 WAMH *89.3 Amherst. I recall talking to Al Hulsen, now head of HI Public Radio, and formerly with WFCR *88.5 Amherst, in 1966. He said Amherst was unique in having three public/educational FM stations, including WMUA *91.1.

The history of KQRS-FM 92.5 Golden Valley MN is gone into in the Pavek Museum of Broadcasting Newsletter. Now owned by Capital Cities/ABC, "it has become a cornerstone of the ABC chain." On September 1, 1963 KEVE-FM went on the air at 92.5 mc. For a while after that the FM calls were changed to KADM, with the combo being "Adam and Eve." I think there was confusion with a big



agribusiness firm known as Archer-Daniels-Midland, so the KADM and KEVE calls were changed to KQRS-AM-FM. Format evolved from classical/m-o-r as KEVE-FM/KADM to lots of Latin jazz, some Broadway showtunes, public affairs and talk shows. One of the most popular programs was by the late controversial, syndicated Joe Pine (who was also on KAUS-FM 99.9 Austin MN). KQRS-FM began playing rock in 1968, but only late nights; it went fulltime "progressive rock" around 1970. In 1977 it went toward hard rock and album hits, and finally, in the fall of 1985, under new Program Director Dave Hamilton it adopted its present "classic rock" sound.

FM FORUM

CONTRIBUTIONS FROM READERS

While Michael J. McKenna waits for his 15th edition "FM Atlas" (see "From the Classifieds," above), he suggests I split OR and WA and enlarge the western halves of each state where FM station densities are greatest. Also, "add all allocations to your Station Directory list by state or frequency. Add major U.S. Interstate highways to your maps. It would make it easy for travelers to use your great book."

"The FCC paid a visit to Oklahoma City, visiting KOMA/KRXO 107.7 and KNTL. KOMA was fined for log discrepancies and KNTL 104.9 got a fine for faded tower paint!" according to David Merz. "In the last book KEBC 94.7 jumped to over a 10, combined with KXY's 16 (96.1), definitely a country-dominated market. KATT 100.5 is rumored to be in trouble, because KRXO is gaining in the numbers game. I did hear of a possible LMA."

Signing onto a computer network is IL's Joe Jesson, who mentions my SCA design using the CA3089 chip in SCS circuits, saying "I designed his XR2211 PLL SCA demodulator. . . David [Jackway]'s board is of excellent construction, with no jumpers and small size to be inserted in an FM receiver's detector stage. Anyway, three pretuned boards are available from SCS, 57 kHz, 67 kHz and 92 kHz, \$20 each, from SCS Radio Technology, 5742 Fair oak, Springfield MO 65810." The Elf-II, tunable board, is getting a facelift. It will include circuitry for L-E-Display, with the LED glowing brilliantly as an SCS program is tuned in.

Musical chairs on the FM spectrum in N.E. OH is the subject of a report from Bill Gruber at WAPS Akron. "In a nutshell, big budget WKSU Kent, 50 kw, 122 m, classical/NPR outlet from Kent State University, wants to move their transmitter site to a 1000' tower located in the middle of the Akron/Canton Cleveland corridor. Their signal coverage would be improved in all three population centers, especially in the western Clevelanc suburbs. Also, WKSU wants to put on an 11-kw repeater station in Thompson OH. Neither change can happen until WAPS moves to 91.3. WKSU's planned Thompson repeater application is for 89.1 (WAPS' current frequency), and is completely contingent upon WAPS moving to 91.3.

"So, WKSU plans on coughing up the funds to move WAPS to 91.3. They will cover all costs, including engineering, equipment, installation, and testing [but] they will not pay to move us until their application to move their main transmitter site gets approved--that's what we're waiting for. . . WKSU will remain at 89.7 licensed to Kent. WAPS will move to 91.3, directional, protecting 91.5 WSTB in Streetsboro, but WSTB is planning to move to 88.9 once WAPS is operating at 91.3."

Until December *Bruce F. Elving*

The FM radio newsletter

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1993

Volume 7, Number 10— December, 1993

ST. THOMAS' CHLO GRANTED 103.1, WHICH WILL WIN BACK FOR IT COVERAGE LOST WHEN THE AM SHIFTED FROM 680 TO 1570 IN 1968, P. 1.

ATLANTA AREA STATION TO BE SPANISH, WILL USURP WGHR MARIETTA'S 102.3 FREQUENCY. P. 2, COLUMN 3.

IA'S KLGA-FM, NOW OWNED BY PAUL HEDBERG, FINALLY EMBRACES STEREO, P. 2.

CA'S KTME AM LOMPOC EXISTS ONLY FOR HIGH SCHOOL FOOTBALL PLAY-BY-PLAY BROADCASTS; OTHERWISE 1410 IS SILENT. P. 4, COLUMN 2.

A "NEW" BROADCAST DIMENSION—FM IN THE CAR. READ HOW FM RADIO SOUNDS IN A MOVING AUTOMOBILE, C. 1988, ON PP. 6-7.

New FM Station, Translator Grants

Translators have less than 100 watts unless indicated otherwise

- AL Ardmore W287AC *105.3 (WAYM 88.7 Columbia TN), h,v
- AL Center Point W226AE *93.1 (WBF 99.5 Birmingham), v [Junction], h,v
- CO Nucla K228DN *93.5 (KJOL 90.3 Grand/Englewood), h,v [91.3 Miami], h,v
- FL Fort Myers W300AG *107.9 (WSEB 91.3 Englewood), h,v [91.3 Miami], h,v
- FL Key Largo W228AY *93.5 (WLRN-FM/GA Athens W250AC *97.9 (WUGA 91.7 Athens), 250 watts horizontal only
- ID Boise K294AE *106.7 (KAWZ 89.9 Twin Falls), h,v. Correct "FM Atlas"-15, p. 80 (KAWZ is not on 88.9).
- ID Orofino K272DO *102.3 (KRFA 91.7 Moscow), h,v [Joliet], v
- IL Rockford W233AD *94.5 (WJCH 91.9/IA Eldon 104.3 25000 h,v; 100 m, Sample Broadcasting [elo MS], 250 h,v
- KS Pratt W219BF *91.7 (WAFR 88.3 Tup-/KY Campbellsville W219BF *91.7 (WAFR) LA Bastrop 103.3 3000 h,v; 100 m, Max Bcstg. Co. [Grand Valley State U. MI Kalamazoo *88.3 10000 h, 121 m, MN Blooming Prairie 100.9 6000 h,v; 100 m, Lynn Ketelsen MN Warroad K240DQ *96.7 (KBHW 99.5 International Falls), h,v MS Starkville W205AQ *88.9 (WAFR 88.3 Tupelo), h,v MT Butte K210BF *89.9 (KEAR 106.9 San Francisco CA) [m, KRBL, Inc. NM Los Alamos 107.5 100000 h,v; 300/ NM Ruidoso K297AE *107.3 (KFLQ 91.5 Albuquerque), h,v [cer], h,v NY Ithaca W242AB *96.3 (WCII 88.5 Spen-/NY Long Lake W212AQ *90.3 (WMHR 102.9 Syracuse) NY Malone W287AA *101.3 (WMHR; on FM Atlas-15 map but not in directory) NY Newburgh W213AM *90.5 (WFME 94.7 Newark), v [elo MS], h,v OH Wauseon W203AF *88.5 (WAFR 88.3 Tup-/OH Westerville 103.9 2600 h,v; 109 m, Shellee F. Davis [-FM 97.9 Eugene], 250 h,v OR Cottage Grove K248AG 97.5 (KUGN-/TX Greenville K213BS *90.5 (WAFR 88.3 Tupelo MS), 250 h,v WA Olympia K281AD 104.1 (KMTT-FM 103.7

- Tacoma), h,v [m, Aurio Matos PR Culebra (Island) 106.5 6000 h,v; 203/ BC Victoria CKMO 103.1 50 watts, Camosun College ON Ottawa *96.9 R watts h,v, Algonquin College, apparently coexisting with the two CFDT stations on the highways approaching Ottawa [kHz AM after three months. CJSB 106.9 84000 h,v; p, to discontinue its 540/ ON St. Thomas 103.1 50000 h,v; m format, aimed at those 35 years and older, to be \$, CHLO Radio, Ltd. (giving up 1570 AM for FM). "They lost a lot of coverage when they moved from 680 to 1570. When on 680 it had "good coverage of Elgin County and surrounding areas; on since 1948. In 1968 moved to 1570 for "money deal" to give Toronto the 680 frequency. They no longer covered Elgin County even though 10000 watts. CHLO applied for 97.5—vacated CKO news frequency—denied, but told to reapply for 103.1, because CIQM [London] was going to 97.5! On Nov. 22, '93 CRTC notified CHLO they had 103.1. They will again cover Elgin County and surrounding regions, including London, Woodstock, 50 kw at 167 meters. Tower north of St. Thomas approximately 8 km... Not sure if they will keep CHLO calls or not." CHLO means "Covering the Heartland of Ontario." It is hoping for a June start. "1570 will cease broadcasting approximately three months after sign on of 103.1." PQ Port-Cartier CIPC 99.1 7400 h,v; with 710 AM to be defunct in 45 days after the FM comes on. CKCN Sept-Isles opposed the application; however, the CRTC argued that the FM will allow it to win back listeners who had switched to Montreal FMs on cable. PQ Val-d'Or CHOA-2 50 watts h, "to solve a major reception problem with the existing rebroadcaster for Amos..." [See "Facilities," below.] CI Chihuahua XHAHC 90.9 — on the air 93.7, on air [calls not known]

Call Letters Assigned or Changed

- AL Citronelle 102.1 WHXT (from W'KQR) AK Anchorage *90.3 KANH AZ Glendale 103.5 KTWC (KCWB) CA Shingle Springs 101.9 KSSJ (KFIA-FM), j, "Smooth Jazz"
- CA Walnut Creek 92.1 KZWC (KKIS"-FM") CA West Covina 98.3 KMNA (KBOB) CO Vail *90.1 KAEU FL Indiantown 103.1 WFRI (WOKC-FM) FL Quincy 101.5 WXSX (WFHT), r, "Star 101.5," enters a duopoly with WSN: 107.1 Thomasville GA [gy 102.3"] GA Augusta 102.3 WXFG (WGUS-FM), "Frog-/GA Waynesboro 100.9 WAEJ (WAGW) IL Teutopolis 102.3 WAES IL Tuscola 93.5 WUBB (WITT), to return with k IN Auburn 102.3 WGTB (WIFF-FM), "Country 102," having moved from 105.5 IN Salem 97.9 WSLM-FM (WDHM), g, monophonic KY Harold 104.9 WXLR KY Pineville 106.3 WRIL (WZKO) KY Valley Station 105.9 WQNF (WVSL), \$, "QNF 105.9," ID with Louisville MI Houghton *91.9 WMTU"-FM" MN Duluth 101.7 KLXK (KVNW) MS Cleveland *98.3 WDFX, g, noncommercial MT Bozeman 93.7 KATH (KBOZ-FM), k, "Kat" MT Fort Belknap Agency *88.1 KAEP MT Livingston 97.5 KBOZ-FM (KATH), r; AM is in Bozeman [KBOZ-FM and KATH swap frequencies] NH Bedford 96.5 WAEF NM Hobbs 96.5 KLMA NY Rochester 97.9 WPXY"-FM" (WPXY-FM; AM gets new calls) NC Beech Mountain 102.3 WECR (WAOH) NC Hickory *90.3 WAEE OK Muskogee 106.9 KHHT (KAYI), "K-Hits 106.9" [in Reading PA Ephrata 105.1 WIOV-FM (WIOV); AM is/ PA Philadelphia 101.1 WBEB"-FM" (WBEB-FM; AM gets new calls) ["Mix 97.7"] SC Georgetown 97.7 WEMX (WBPR), / SD Little Eagle *89.5 KAEN TN Jefferson City 99.3 WUSK (WNDD) TX Austin *91.7 KVRX (KAEM) TX Bandera 98.3 KEEP (KHLG) TX Coahoma 94.3 KBYG-FM (AM is in Big Spring) TX Corsicana 107.9 KICI (KAND-FM) TX Lake Jackson *91.1 KAEW TX Lubbock 93.7 KXTQ-FM (K'KIK) TX Plessanton 98.3 KBUC (KBOP-FM), k WA Eatonville 104.9 KJUN-FM (KAEK); AM is in Puyallup

WI Fond du Lac 107.1 KFIZ-FM (WFON)
 WI Racine 100.7 WKKV--FM (WKKV-FM; AM gets new calls)
 ON Midland 104.1 CICZ (CKMP), "Kix 104"
 ON Orillia 105.9 CIXX (CFOR--FM), \$, k, "Kix 106"

Facilities Changes Granted

AZ Kearny KZLZ 105.3 (from 105.1) 50000 h (no v), 150 m, to S, l
 AR Little Rock K249CR 97.7 has KFFB 106.1 Fairfield Bay (from KMKV 106.7 Benton)
 CA Altus K278AB *103.5 (from K298-- 107.5)
 CA Eureka K230AA *93.9 (from K276IG 103.1)
 CA Oroville KEWE 97.7 1500 h,v; 389 m
 CA Sacramento 103.5 3000 h,v; 100 m, grant to Jack L. Powell (640 m, d-a)
 CO Colorado Springs KRCC *91.5 6000 h,v/
 CO Greeley KZDG 92.5 d-a (directional antenna)
 CO Gunnison KKYX 98.3 16000 h,v; 106 m, C3
 FL *89.5 (new) is Cedar Key (not "Cedar Creek") [m (100000 h,v)]
 FL Fort Walton Beach WJUS 96.5 203/
 GA Clarkesville WMJE 102.9 16000 h,v; 126 m, d-a, now mg format
 IL Sullivan WKJR 106.7 7300 h,v; 95 m
 IN Berne (new) *91.3 25000 h,v; 100 m
 WZBD 92.7 (from 93.9) 2050 h,v; 120 m, \$[tereo], "Z-92.7," ID with Decatur
 IN Huntingburg WBDC 100.9 11000 h,v; 150 m, Class B1
 IA Hampton KLMJ 104.9 4500 h,v (91 m)
 ME Westbrook WYNZ 100.9 69 m (3000 h,v)
 MD Salisbury W299AD 107.7 (from W276-- 103.1) [m], C3
 MN Preston KFIL-FM 103.1 10000 h,v (82/
 MO Canton KRRR 100.9 25000 h,v; 91 m, C3
 MO Neosho KNEO *91.7 (from 91.5) 2800 h,v; 114 m [5800 h,v; 116 m
 MO Trenton KTTN-FM 92.3 (from 92.1)/
 NE Blair KISP 101.5 (from 106.3) 25000 h,v; 92 m, d-a, site 3.9 km S. of Herman NE, to serve Fremont, but not Omaha
 NE Milford KUHG 98.1 299 m (100000 h,v), transmitter Seward NE
 NJ Zarephath WAWZ *99.1 37000 h,v; 174 m
 NY Center Moriches 98.1 3000 h,v; 91 m, grant to Friendship Communications
 NY Plattsburgh WCFE-FM *89.7 (from 91.9) 190 h,v; 672 m, C3
 NC Biltmore Forest WSKY 98.5 280 h,v; 339 m
 NC Durham W278AB *103.5 (from W214AF 90.7)
 NC Hatteras WYND-FM 97.1 (from 97.5) 10000 h,v; 152 m [000 h,v)
 NC Lexington WWGL 94.1 309 m, d-a (100-/
 NC Winston-Salem WFDD *88.5 60000 h,v; 285 meters above average terrain
 ND Williston K247AD 102.7 is commercial
 OH Belpre WCVV *89.5 390 h,v; 117 m
 OH Mount Gilead WVXG *95.1 6000 h,v; d-a (100 m)
 OK Lawton KVRS *90.3 57 m (1000 v)
 OK Wilburton KZUD 103.7 90000 h,v; 276 m, Class C1
 OR Bend K209BJ *89.7 (not 91.1)
 PA Greensburg WSSZ 107.1 1150 h,v (137 m)
 PA Loyock W224A1 92.7 has WQBR 99.9 Avis (from WHTO 103.9 Muncy)
 PA Spangler WCCZ 97.3 2250 h,v; 169 m
 SD Brookings KSDJ *90.7 38 m (1000 h,v)
 TN Lobelville WIST 94.5 22000 h,v; 218 m
 TN Smyrna WRLG 94.1 4300 h,v (100 m), "Radio Lightning," simulcast with WRLT 100.1 Franklin
 TX Henderson KGRI-FM 99.9 (from 100.1) 7100 h,v; 132 m, C3
 VA Charlottesville W231AD 94.1 (from W269-AR 101.7)
 WV Buckhannon WBTO 93.5 3600 h,v; 132 m
 WI Bloomer WQRB 95.1 7800 h,v; 177 m, transmitter 19 km SSW
 VI Christiansted WVIQ 99.5 32000 h,v; 225 m
 PQ Amos-Lithium Mines (move from Val-d'Or) CHOA-1 103.5

Stereo—Or to be \$tereo

FL Chiefland WLQH-FM 107.9 (moving from 97.3)
 FL New Smyrna Beach WJLU *89.7
 FL Tarpon Springs WYFE *88.9
 GA Metter WHCG 103.7 (having moved from 104.9), "Eagle 104"
 GA Tennille WJFL, "J-101.9," not on 99.3, "where I never heard it." Has syndicated "Zippo in the Morning," also heard on GA stations WQUL 97.7 Griffin and WEGC 103.7 (moving to 103.5) Leesburg.
 IL Elwood WFYR 97.3
 IN Battel Ground WIIZ 98.7, ID with Lafayette
 IN Fort Wayne WFWI 92.3
 IN Knightstown WKPW *90.7, rp, "K-91." Is located at the Soldiers and Sailors Children's Home, and on only from 8 a.m. to 4 p.m.
 IN Noblesville WXTZ 93.9 93.9 m (also some b and EZ rock), ID with Indianapolis
 IA Algona KLGA-FM 92.7. "It was bought by Paul Hedberg, who now lives in Spirit Lake. This was the only commercial station I knew of which didn't have stereo."
 NE Columbus KPNO *90.9
 NY Avon WEZO 93.3
 NY Westhampton WMRW 98.5, p, programmed by Jared Broadcasting, WORE 92.7 Garden City NY ["Jazzy 97.3"
 OH Oak Harbor WJZE, ID with Toledo,/
 OH Portsmouth WOSP *91.5
 OH Ripley WAOL 99.5, "The Elvis Station," ID with Cincinnati
 OR Reedsport KRZB 99.5, rk
 OR Tillamook KTIL-FM 104.1, k. "When I heard this station in early October it was in Stereo (contradiction to last month's report)."
 PA Erie WFGO 94.7
 PA Meyersdale WQZS 93.3, "QZ-93"
 SC Waltherboro WONO 93.7, k. It "gets out well"; out of sequence, FM Atlas-15, p. 136.
 TN Jellico WEKX 102.7
 TN Madisonville WYGO 99.5
 WA Chehalis KACS *90.5, g, ID with Centralia
 WA Forks KLLM 103.9, parallel to KVAN AM
 BC Port Alberni CBUF-8 *94.9, "OBC variety format, now in Stereo."
 BC Ucluelet CJWC 107.3, k, "satellite-fed translator of CJJR 93.7 Vancouver"
 NL Sabins Hidalgo XHSAB 89.5, \$ resumed, but has "bad audio" [eo Recuerdo"
 TM Tampico XHMDR 103.1, mr, "Ester-/
 Monophonic
 FL Madison WIMV 102.7 mono, remove \$ listing
 GA Eastman WUFF-FM 97.5, having moved from 92.1; remove \$ listing
 IN Boomville WBNL-FM 107.1 m, mono
 BC Port Alberni CBTQ *98.1 remains mono
 BC Tofino (not Ucluelet) CIWC 102.7 k, mono satellite feed of CJJR 93.7 Vancouver
 BC Ucluelet CFMI- 104.7 mono feed by satellite of CFMI 101.1 New Westminster BC, but like CJWC Ucluelet, never IDed on the parent stations

Format Changes

Formats are the same as in the "FM Atlas"

AL Chickasha WDLT 98.3 sr
 AZ Kearny KZLZ 105.1 Spanish, l
 AR El Dorado KISQ 93.3 rm
 AR Waldron KRWA 103.1 k, back on air

CA Davis KQBR 104.3 j, "The Breeze"
 CA Lompoc KRQK 100.3 Spanish, l, largely simulcast of KURS 1040 AM San Diego
 CO Sterling KPMX 105.5 m
 DE Laurel WDNO 95.3 mr
 DE Smyrna WYHH 92.9 n, CNN Headline News simulcasting LMA partner WDOV AM, with a new format to come in January
 FL Gretna WGWD 93.3 k, having moved from 100.7 [106" (from "Love 106.3")
 FL Starke WEAG-FM 106.3 k, "Eagle Country/
 FL Tallahassee WBGM 98.9 r, "The Breeze" (from "Lite Rock 99 FM"). Has rock of the '70s, '80s and '90s.
 GA Blackshear WKUB 105.1 k
 GA Hawkinsville WCEH-FM 103.9 rm, "Sunny 103.9" (from "CEH")
 GA Helen WHEL 105.1 o
 GA Mableton 102.5 (new) to be Spanish, l, forcing WGHR *102.5 Marietta to seek a new frequency
 IL Fairfield WFIW-FM 104.9 o
 IL Waukegan WXLC 102.3 p, modern rock
 IN Bloomington WFHB *91.3 p, on 2 p.m. to 2 a.m., with "a very poor signal"
 IN Columbia City WDJR 106.3 rs, "B-106" (from "Killer Bee in Fort Wayne")
 IA Grinnell KRTI 106.7 m
 IA Hampton WLMJ 104.9 k
 IA Waverly KWAY-FM 99.3 mr
 KY Flemingsburg WFLE-FM 106.3 k, \$
 KY Hardinsburg WHIC-FM 94.3 k, "Powerhouse 94.3"
 KY Hawesville WKCM-FM 105.7 o
 KY Munfordville WLOC-FM 102.3 k, back on (along with its AM, which goes to southern gospel) [gor, "Sunny 103.9"
 ME Howl and WSNV 103.9 b, ID with Ban-/
 MD Bethesda WLTT 94.7 op, "Arrow"
 MD Lexington Park WMDM 97.7 k
 MI Detroit WMXD 92.3 sr, "Mix 92.3"
 MI Grayling WQON 100.3 m
 MI Sault Ste. Marie WLSO *90.1 p
 MN Albert Lea KCPI 94.9 sr. It's still on 95.3, "I-95 FM," and apparently in no hurry to change frequency.
 MN Slayton KLOH-FM 103.1 k
 MN Sleepy Eye KNUJ-FM 107.3 k, polkas, parallel to AM; in a duopoly with KXLP 93.1 New Ulm
 MO Ashland KBXR 106.1 m, "adult alternative"
 MO Asbury KWXD 103.5 o
 MO Halfway KYOO-FM 93.1 to be k
 MT Billings KIDX 98.5 k, "Big Dog 98.5" (from "Magic 98"), parallel to KDWG 95.5 Hardin
 MT Hardin KDWG 95.5 k, "Big Dog 95.5"
 NE Plattsburgh KOTD-FM 106.9 m, nostalgia
 NV Carson City KIZS 94.7 tr, "Jaws 94.7," with talk shows all day, rock 9 p.m. to 6 a.m.
 NJ Wildwood Crest WDOX 93.1 b, "The Docks" (not strict), heard off frequency—on 93.0 m.
 NM Los Alamos KTMN 98.5 op, "The Mountain," in a duopoly with KNYN 95.5 Santa Fe
 NY Patterson WMJV 105.5 m, parallel to WMJU 106.3 Mount Kisco
 NC Spindale WNCW *88.7 gr, \$[tereo]
 NC Thomasville WTHP 98.3 gr
 NC Washington WCZ1 98.3 t, mono
 NC Wilson WAHD *90.5 se
 OH Bellevue WNRN 92.1 r
 OH Delphos WDOH 107.1 k, "Winning 107.1" (from "Stereo 107")
 OH Loudonville WBZW 107.7 Oldies 107
 OH Piqua-Dayton WCLR 95.7 o, simulcast with WZLR 95.3 Xenia
 OH Reading WMKV *89.3 to be m, programming to Cincinnati's older community with big bands/nostalgia. A minor obstacle is the need for \$250,000 to get started.
 OK Broken Arrow KCMA 92.1 op, adding alternative rock overnight
 OK McAlester KTMCFM 104.9 o
 OK Perry KASR-FM 105.1 m
 OR Corvallis KEJO 101.5 m
 OR Lebanon KIQQ 103.7 k, "Pure Country"
 OR Portland and KINK-FM 101.9 pj, "adult alternative and jazz. Straight jazz Sunday mornings. Strict nonID: "Kink FM 102". NonID changed from "True 102"

OR Sweet Home KSKD *107.1 g, "Christian EZ listening," still "K-Love" (strict)
 PA Beaver Falls WWKS 106.7 r, "The Force" rock network
 SC Allendale WDOG-FM 93.5 k, "The Big Dog"
 SC Bamberg WWBD 92.1 g, "92.1 FM"
 SC Conway WYAW 104.1 op
 SC Newberry WNMX 106.3 sr, ID with Columbia
 SD Salem KIKN 100.5 k
 TN Cookeville WHUB-FM 98.5 mr
 TN Lawrenceburg WDXE-FM 95.9 rr
 TX Clarksville KCBZ 98.5 gr
 TX Houston KLTR 93.7 op, "Arrow"; rumored changing to "KKRW"
 TX Merkel-Abilene KCWS 102.7 rk, "Rockin' Country West 102"
 TX Seguin KSMG 105.3 rr
 VA Dublin WPIN *91.5 g
 VA Salem WPIR *91.3 g
 WA Aberdeen KAYO-FM 99.3 k, "Country 99" (not strict)
 WA Cashmere KZPH 106.7 k
 WA Tacoma KVTI *90.9 rs, ID with Seattle, still "1-91" (strict)
 WV Miami WKAZ 107.3 k
 WI Sauk City WMLI 96.3 r, LMA with WGMN 98.1 Madison-WJJO 94.1 Watertown
 WY Buffalo KLGT 92.9 k
 ON Belleville CJLX 92.3 p. "This 50-watt station, which has stereo, has blocked reception of WBEE-FM 92.5 Rochester NY in the area; WBEE-FM used to be the station Belleville people tuned to for country music. I wouldn't be surprised if CJLX increases power to 3000 watts and then 50000 watts. I



think it was put on the air to block Rochester reception, and to help CJBQ 800 AM, which has just gone country." CJLX is licensed to Loyalist College.

SK Regina both CHMX 92.1 and CKIT 104.9 want to switch to "new country," with the CRTc in Ottawa to decide which station gets it. The switch to modern country is to appeal to younger listeners. "We applied first," cries CHMX.

On Air—Real Stations and Pirates

AR Waldron K201CB *88.1, 250 watts d-a, maximum lobes at 38 and 130°
 FL Tallahassee W231AC *94.1, despite grant to nearby Crawfordville FL (WAKU 94.1)
 GA Dublin W220AR *91.9
 GA Swainsboro WXR5-FM 100.5, having moved from 103.9
 IL Macomb W209AL *89.7 and W213AH *90.5, both g, \$, but never on at the same time, apparently because of an agreement. During the day 89.7 is on the air, while overnight it's 90.5. Frank Merrill wonders if the two translators share the same antenna and have a timer to switch from one to the other.
 MN Good Thunder "WWRB" 105.1 (from 105.9), "Power 105.1," ID with Mapleton-Mankato (where it cannot be heard). "I moved to 105.1 just a week after your October FMEDIA said that I was on 105.9. I moved because of three stations on the same frequency interrupting my station—Twin Lakes IA, Wadena MN and Red Wing MN. I like 105.1 because it's never interrupted. I like how you have shown the relationship between Miller Transmitters and WWRB radio."
 NY New York WQHT 97.1, along with WHTZ 100.3 Newark NJ, overhauling their morning shows. Hot 97 takes on, after a nationwide search, Dr. Dre and Ed Lover of "Yo! MTV Raps." They take over from Ricky Ricardo, who

goes to weekends only. Z-100, meanwhile, gets the services of John Lander, who comes from Philadelphia. He replaces Ross Brittain, whose fate and that of the rest of the "Morning Zoo" is "being discussed."
 NY New York WRKS 98.7, owned by Summit Communications Group of Atlanta, announcing that the Gordon Gray 1956 Living Trust, which holds 94.2 percent of Summit's common stock, is retaining the investment banking firm of Morgan Stanley to help evaluate the Trust's investments. The outcome might be the divestiture of some or all of the company's cable and/or radio assets.
 OK Edmond KTNT 97.7, but "waiting for final FCC approval to move to 97.9, increase power to 6000 watts. Meanwhile KGOK 97.7 Pauls Valley is waiting for us to move so they can up to 25000 and remain on 97.7! There's also supposed to be a Class A station coming to Stillwater on 98.1 soon. Talk about some tight short spacing!"
 OR Hood River K299AD 107.7, having moved from 102.3 [lite-fed "real country"
 TN Lebanon WANT 98.9, with satel-/
 TX San Antonio K279AB 103.7, now bringing to San Antonio the same format and promotions as the former KBUC 107.5
 UT Spanish Fork K2089Z *89.5

Off Air—Or Not Yet On

FL Monticello WJPH 101.9, and its "AM appears off."
 FL Quincy WTPS 100.7, now that WGWD Gretna moved to 93.3. Rumor is WTPS may be taken over by local AM station WCVC 1330 and go Christian.
 GA Gray WWIQ 96.5
 GA McDonough WMVV *90.7
 GA Montezuma WLML 92.5
 GA Smithville WZIQ 106.1
 GA Warner Robins WYIQ 102.5
 GA Zebulon WEKS 92.5
 MA Turners Falls WPVQ 93.9. Its CP has been held for about three years. "How long is a CP good for anyway?" Eighteen months, but they can be renewed for "good cause."
 MO Monroe City KDAM 106.3 reported silent
 MO Richmond KAYX 92.5, along with KLEX 1570 AM Lexington—both stations managed by Shelbee Hendee, formerly manager of WQXO 98.3 monophonic Munising MI and WDUX-FM 92.7 and AM Waupaca WI, and between radio jobs a life insurance salesman. I wonder what further adventures await him?
 OH Loudonville WBZW 107.7 silent
 TN Nashville W271AB 102.1, for about a month, but said to moving to a new location
 TX Abilene KFXJ 92.5, still not built

Deletions

CO Vail K210BH *89.9
 IN La Grange WYPI 105.5
 MA Gloucester W218AJ *91.5
 MN Mankato K249CZ 97.7, "off permanently"
 MN Nisswa KZPX 93.3 [applicant
 NJ Rio Grande W222AA *92.3, by request of/
 ND Minot K220AG *91.9
 PA Girard WGAE *88.3
 TX Lake Jackson K216BX *91.1
 "Regards for a great holiday season."

SCS Services, 57.6, 67, 70.892, 92 kHz

Symbols are as in the "FM Atlas." I have decided to add the ethnic SCSes proposed last month, and some of the changes are listed below. "Your new ethnic SCA codes seem OK, but some people might want them to be more specific. Someone wanting to start, say, a Cantonese station still won't be able to tell which markets already have one," writes one reader.
 CA Arcadia KMAX 106.7 tO, Mandarin

CA Long Beach KLON *88.1 tU, I, Farsi
 CA Los Angeles KXEZ 100.3 tO, 67, Mandarin
 KRTH 101.1 still tZ, high speed data, shift keyed between 57.6 and 70.892 kHz
 KLVE 107.5 tZ, I, the 92 is "Radio Iran," operated by Amir Mirchi, Abby Electronics
 CA Northridge KCSN *88.5 tI, 67, Farsi
 CA Pasadena KPCC *89.3 tI, Farsi; O, Tagalog
 CA San Diego KCBO-FM 105.1 tI, Farsi, 67
 CA San Francisco KALW *91.7 tO, Cantonese, 67
 CA San Jose KSJS *90.7 tO, 67, Cantonese
 CA Santa Monica KCRW *89.9 tO, 67, Russian
 CT Fairfield WSHU *91.1 no SCS (had tE)
 CT Hartford WZMX 93.7 tQ, 92, CT Italian Radio
 DE Wilmington WJBR-FM 99.5 tX, Q, Greek
 DC Washington WAMU *88.5 tZ, K, Korean
 WPFW *89.3 tI, Farsi, 67
 FL Miami WEDR 99.1 tI, Arabic, 67. "It's hard to believe that the whole state of FL has only one ethnic SCStation, with all the Cubans and Haitians there, unless those groups are being served by AM and main-channel FM."
 IL Chicago WNUA 95.5 t, Q, Italian, 92 kHz
 WGCI-FM 107.5 t, Q, Greek, 92 kHz
 MD Annapolis WF5I 107.9 t, H, Haitian, 92 kHz
 MD Morningside WPGC-FM 95.5 tT, K, Korean
 MD Waldorf WXTR 104.1 t, L, Spanish
 MA Boston WBUR *90.9 tO, Cantonese 67; I, Farsi 92
 MA Cambridge WHRB 95.3 tQ, Italian
 MA Medford WXKS-FM 107.9 t, Q, Russian, 92 kHz [X 92
 MO Kansas City KKFI *90.1 tL, Spanish 67; /
 NJ Newark WBGO *88.3 tQ, Italian 67; O, Tagalog 92
 WFME *94.7 still with Radio Azzurra on its 67, but now that station needs to convince the Hackensack zoning board to allow it to continue its SCS broadcasting from a residential neighborhood—in a zone which permits small business, such as a barber shop or a delicatessen, "but has no provision for a radio station." Its manager is Jack DiGiorgio, who admits the station failed to get a certificate of occupancy. "We were ignorant about the whole situation," he said. WFME's other SCS, at 92 kHz, is Radio Tropicale. Now tQ, H.
 WNWK 105.9 t, L, Spanish, 92
 NJ South Orange WSOU *89.5 tT, H, Haitian, 92
 NJ Villas WFNN 98.7 t, Q, Greek, 92
 NY Lake Success WYNY 103.5 tS, Q, the 92 now Radio Maria (Italian), instead of their main channel
 NY New Rochelle WRTN 93.5 tQ, Italian, 67, same as on the 92 of WYNY
 NY New York WKCR *89.9 tT, O, Mandarin, 92
 WFUV *90.7 tO, Mandarin, 67
 WXRK 92.3 tO, Cantonese, 67
 WQXR 96.3 was briefly tC, 92, with tapes of WQEW (AM). Now testing of east Indian (II). Korean continues on its 67. Call it tK, I.
 WQHT 97.1 tQ, Q (Greek 67, Russian 92)
 WSKQ-FM 97.9 tH, O (Haitian 67, Cantonese 92)
 WRKS 98.7 tZ, K, Korean 92. "Volume has been extremely low for several months. On WNCN's 67 they have the same service—Korean Christian Broadcasting—with normal volume."
 WNEW 102.7 tX, near but not exactly on 67 kHz. Might be 57 kHz as paging. "Maybe one of your other correspondents can tell which it is."
 WNCN 104.3 tK, I (Korean 67, Farsi 92)
 WMXV 105.1 is, as reported before, tZ, G, with the ten-seconds' delay of WHTZ 100.3's "Love Phones" no more.
 PA Jenkintown WIBF-FM 103.9 t, Q, Italian, but no word as to whether it's really on the air.
 PA Philadelphia WRTI *90.1 tH, Haitian 67, X 92
 WHYY *90.9 tT, Q, Greek 92 [si 92
 TX Dallas KNON *89.3 tK, Korean 67; I, Far-/
 VA Richmond WMBX 103.7 tK, Korean

VA Suffolk WAFX 106.9 1K, Korean
 WA Seattle KNHC *89.5 10, Chinese, 67
 WA Yakima KDNA *91.9 started out on the SCS
 of KRAB *107.7 Seattle, then migrated, like
 so many of the farm workers it serves, to the Y
 Yakima valley. There, it was unable to convince
 any station to let them use their SCS, so they
 applied for their own license in 1976; it came on



the air as the first full time Spanish-language radio
 station in the northwestern region, Dec. 19,
 1979. It has a translator on 100.1 in the Tri Cities,
 and soon 96.3 in the Columbia Basin."
 WI Eagle River WRJO 94.5 1U, 92
 WI Hayward (Reserve) WOJB *88.9 1U, 67
 WI Park Falls WCOM 98.3 1U, 92, still mono
 main channel
 WI Rhineland WXPR *91.7 1U, X. The X is the
 same as on the WHRM *90.9 Wausau,
 WPNE-FM 89.3 Green Bay and WHAD *90.7
 Delafield's 92.
 PQ Montreal CISM *89.3 10, Cantonese, 67
 "I think what you're doing is a great thing. I'd
 like to flood you with business."
 "The modified receiver, book et and data was
 received yesterday. Excellent shape, very fine
 packing job. Receiver works fine; however,
 will have to utilize an external antenna, as we
 seem to be in a shadow area."
 "An ad in the classifieds in the Dec. '93 'Popular
 Communications' sez 'Hear satellite networks
 on FM through the SCS RT1 card, \$20. GE
 Superadio with selectivity modification and card
 installed, \$95, 800-944-0630'. In the Atlas-15, p.
 3, the first sentence, the word 'educational' is
 repeated. On p. 17 at the top, on the L.I. map,
 the 's' is missing from Hampton Bays."

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 top of hour)*
 AL Eutaw WQLW 104.3 Q-104
 AL Geneva WRJM 93.7 The Rose, but used with
 calls, having moved from 93.5
 AR Jonesboro KDEZ 100.3 KZ-100
 DE Selbyville WSBL 97.9 B-98
 FL Edgewater WEDG 93.1 Gold 93.1
 FL Gainesville WJLF *91.7 Love 91
 FL Live Oak WQHL-FM 98.1 Cool 98.1 (from
 "Stereo 98")
 FL Panama City WPFM 107.9 Kiss FM (from
 "Power 108")
 GA Camilla WQVE 105.5 V-105
 GA Glennville WKIG-FM 106.3 K-106
 GA Homerville WBTY 105.5 Y-105
 GA McRae WYSC 95.3 Y-95, ID with Helena
 ("huh-LEE-nuh")
 GA St. Simons Island WMOG-FM 92.7 Island 93
 GA Sandersville WSNT-FM 93.5 CD Country
 GA Savannah WAEV 97.3 The New Mix 97.3
 (from "Wave 97")
 GA Sparta WMGZ 97.7 Z-97.7, applying for
 move to Eatonton
 GA Sylvanias WZBX 106.5 Z-Mix 106
 GA Vidalia WTCQ 97.7 The Power Q (from
 "98-Q")
 IL Decatur WYDS 93.1 D-93
 IL Galena WAAG 94.9 FM 95 (from "95
 Country")
 IA Creston KTR 101.3 Creston Radio
 KS Girard KSEK 99.1 Channel 99
 KS Manhattan KMKF 101.5 Rock 101.5 (from
 "K-Rock") ["Class FM"]
 KS Winfield KYKS 107.9 Oldies 108 (from/
 KY Berea WKXO 106.7 Kix 106.7
 KY Murray WBLN 103.7 The Blend, B-103
 (from "FM 103.7")

LA Washington KNEK-FM 104.7 Power 104
 MN Blue Earth KBWE-FM 98.1 Country 98
 (from "98.1 FM")
 MN Warroad KKWO 92.5 Lake Country KQ-92
 NE Kearney KQKY 105.9 Hits 105 (from "KQ
 106") [(from "Soft'n Easy 93")]
 NJ Paterson WPAT-FM 93.1 Easy 93/
 OH Gallion WQLX 102.3 Extra 102 (from
 "Position 102") ["M-106"]
 OH New Lexington WWJM 106.3 FM 106 (from/
 OK Oklahoma City KXXY 96.1 still 96.1 KXY,
 with co-owned KEBC 94.7 now calling self
 "KEBC 94.7" instead of "94.7 KEBC," in order
 to be similar to KXXY's usage. Stacy Barton,
 KJ-103's morning news person, was offered the
 midday post at KXY for more bucks, but turned
 it down. KEBC's former middayer, Bill Reed, has
 moved across town to take the job at KXY.
 "Some loyal ty?"
 PA Avis WQBR 99.9 Bear 100, ID with
 McElhattan (not with Williamsport-Lock
 Haven any more)
 PA Mercersburg WSRT 92.1 Star 92.1, in a
 duopoly with WAYZ-FM 101.5 Waynesboro
 and its AM
 PA Oliver WASP-FM 94.9 The Wasp
 PA Saladasburg WMRE-FM 95.5: "WFRY calls
 used except for legal ID, pending official
 change." [FM (from "Jazz 100")]
 RI Middletown WOTB 100.3 100.3 Kool/
 SC Batesburg WKWQ 93.1 Touch 93
 SC Dillon WZNS 92.9 Rock 92.9 (from "Z-93")
 SC Hardeeville WLWH 101.1 Love 101.1 (from
 "Soft Soul 101.1")
 SC Orangeburg WSSB *90.3 B-90.3
 WKSU 103.9 Touch 103.9; along with Batesburg
 SD Rapid City KLMP 97.9 K-Lamp
 TN Centerville WNKK-FM 96.7 New Kick
 Country 96 (from "Kicks 96.7")
 TN Erwin WXIS 103.9 Mix 103.9 (from "Mega-
 Rock")
 TX Abilene KORQ 100.7 Hit Radio Q 100 (from
 "Mix Q 100") [try Kicks 104
 TX Brownwood KXYL-FM 104.1 Most Coun-
 TX Coleman KSTA-FM 107.1 uses calls, "FM
 107 KSTA" (also heard on 1000 AM)
 TX Galveston KRTX 104.9 X-104.9 (from "The
 Breeze")
 TX Lubbock KKIK 93.7 Magic 93 FM (from
 "Kick FM"), still Spanish
 TX Palestine KYK 98.3 Kicks 98 (from "Hit
 Country")
 WV Miami WKAZ 107.3 KZ-107

Multi-City IDs In Use

IN Muncie WERK-FM 104.9 with Anderson,
 "O dies 105"
 IN West Lafayette WHPL *89.9 with Lafayette
 KY Lancaster WRNZ 105.1 with Harrodsburg
 NJ Ocean Acres WQNJ 98.5 with Barnegat,
 continuing its simulcast with WJLK-FM 94.3.
 The ID goes: "WJLK-FM Asbury Park/WQNJ
 Ocean Acres-Barnegat."
 NY Mechanicville WXLE 104.5 with Albany,
 "XL-104.5" [ton Roads" VA
 NC Kill Devil Hills WCXL 104.1 with "Hamp-
 OH Bowling Green WRQN 93.5 said to be
 illegally IDing only as Toledo
 OH Port Clinton WXKR 94.5 said to be illegally
 IDing only as Toledo
 OH Shelby-Willard WSWR 100.1 with Mansfield
 OR Glendon Beach KSHL 97.5 with
 Toledo-Newport
 OR North Bend KACW 107.3 with Coos Bay
 UT Provo KBYU *89.1 with Salt Lake City
 VA Crewe WKIK 104.7 with Richmond, "The
 Bear" [still "K-Music" (strict)
 WA Carnas KMUZ-FM 94.7 with Portland OR,
 "Rush those Atlas(es) or Ati?!"
 "Looking forward to finally receiving the FM
 Atlas!"

**AM Happenings Most Likely Caused
 by FM**

CA Lompoc KTME 1410 silent, except coming
 on the air for high school football games; ends
 LMA with KBOX 104.1

FL Cocoa WWKO 860 silent
 GA Claxton WCLA 1470 off air because of
 "technical trouble"
 MA Boston WEEI 590 poised to be sold to WBZ
 1030, subject to FCC approval. Celtics Com-
 munications bought WEEI for \$6.5 million in
 1990, but "falling ratings and advertising
 revenue have brought the price down to less than
 half that. Industry sources said the current sale
 price is just over \$2 million." WBZ is owned by
 Group W, which owned WBZ-FM 106.7 until
 1982, when it sold the station to Greater Media,
 "which has since named it WMJX."
 MN Minneapolis WCCO 830—two prominent car
 dealers pulled their advertising after feeling the
 station charges too much for its shrinking
 audience. Peterson Pontiac had been spending
 \$250,000 to \$500,000 there, while American
 Ford's budget with 'CCO was "worth more than
 \$100,000." An East Coast ad agency, not named,
 studied the situation and said that for what
 American Ford was paying it "could do better on
 other stations." The appeal of Pontiacs to
 younger buyers has caused a shift of ads from
 WCCO to KQRS-FM 92.5, WLTE 102.9 (owned
 by WCCO/CBS) and KTCZ 97.1. "After 27 years
 with 'CCO... Their audience base has been going
 downhill."
 NY New York WQEW 1560 was to have been
 syndicated by "The American Pop Music Net-
 work," but the deal is off.
 NY White Plains WFAS 1230 and WPAT 930
 Paterson NJ carry the New York Islanders games,
 but the broadcasts cannot be heard on Long
 Island. WALK 97.5 has been approached about
 carrying them, but so far it is not doing so.
 TX Lubbock KJBX 580 silent.
 WA Gardiner is where it happened. "Turn down
 that radio and Rush Limbaugh, or it (the radio)
 might get shot!" That was no idle threat, as a
 crew building a house found out. The workers
 had been warned as long ago as August to keep
 the volume down. But they paid no heed, so on
 Oct. 14 Harold Maddox had had enough. He took
 a .22 and blasted the radio, but did that shut
 Rush up? No it did not. Rush kept on a-blabbin'
 from the not-so-pretty-any more AM radio.
 Maddox pleaded innocent to "reckless endang-
 erment and malicious mischief." No trial date has
 been set.
 WA Seattle KZOK 1590 drops Z-Rock to go 24
 hour simulcast of "Classic Rock KZOK-FM
 102.5"
 AB Edmonton CHED 680 drops CHR after 30
 years to adopt a hip talk format (like CKLG 730
 Vancouver BC), aimed at listeners 18-34, mixing
 in adult contemporary music "to break up the
 talk segments."
 BC Vancouver CKST 1040 now strict "Q-104"
 with m format, taken from CHQM 1320, which is
 about to become all-Chinese programming with a
 call change. The Q in "Q-104" comes from
 various nonIDs CHQM-AM-FM employed:
 "QM-FM," "Q-1320," and "Q Music." Still using
 C-Quam stereo.
 ON Toronto CHOG 640—"call change pending.
 Drops dance/urban for a mix of hip talk
 programming aimed at 18-34 demo mixed in
 with CHR. Evenings are CHR aimed at teens/
 young adults."
 "Greetings! As usual, I've been waiting for a new
 FMAI Please rush—and please, don't ever stop!!"
 The FM Atlas "map of southern Ontario is
 terrible. I live in the area and can't even find the
 cities of interest. You have to re-do that map!"
 "The 15th edition is the best Atlas yet. The first
 thing I noticed was the Mexico map which now
 includes call letters. It must have been tricky
 fitting them all in, but it looks good. Also, your
 printer made better use of the margins than in
 previous editions. The cover is a very nice color
 (so was the 14th edition's)."
 "I'm looking forward to receiving another year
 of FMEDIA! And I can't wait to start looking
 through the new FM Atlas."

A happy and joyous Holiday Season
 from Bruce and Carol Elving, FMEDIA!

FM Rulemakings Proposed

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

- AL Warrior 98.7C3 for A, WLBI, Jan. 10, 25
- LA Franklin 98.9A, Dec. 27, Jan. 11
- MN Pequot Lakes 100.1A, Jan. 10, 25
- MN Pillager 95.9A, Jan. 10, 25
- NV Alamo 93.5A, Jan. 10, 25
- NV Austin 99.7A, Jan. 10, 25
- NV Ely 96.5A, Dec. 27, Jan. 11
- NV Eureka 94.5A, Jan. 10, 25
- NV Lund 100.7A, Jan. 10, 25
- NV Ploche 98.9A, Dec. 27, Jan. 11
- TN Morristown WMXK show cause why it should not move to 94.1 A from 95.9A, with Tazewell
- TN Tazewell WCTU-FM 94.1 show cause why it should not move to 95.9A, so WLJQ Colonial Heights can expand from an A to a C3 on 105.9.

FM Rulemakings Finalized

Dates are when FCC filing window is open

- AK Anchorage 103.1C1 for C2, KANC
- AK Seward 105.9A for 103.1A
- HI Volcano 107.7C1 for A, KKOA
- MN Staples 94.7C3 for A, KSKK
- MO Moberly 97.3C3, Dec. 28-Jan. 27
- WV Rainelle 95.3B1 for A, WRRL-FM
- WV Webster Springs 100.3B for A, new CP

Congress Relaxes FM-TV Crossownership Rules

The FCC has amended the radio-TV crossownership rules to allow waivers in "those top 25 markets where at least 30 other broadcast signals would exist following crossownership." Cox Broadcasting, based in Atlanta, had urged passage of this legislation, which would have the immediate effect of allowing it to obtain WYAI 104.1 La Grange-Atlanta GA. Cox already owns WSB-FM 98.5-AM-TV and the *Atlanta Journal-Constitution*. The WYAI transaction is opposed by Jacor Broadcasting.

NY Department Store Bans Stern Book; Stern Hit For Racism

A major bookselling chain, Caldors, has banned Howard Stern's best selling book, "Private Parts," and using poetic-type license, amended the NY Times best-seller list to eliminate reference to that book. "The furor began when the Caldor chain decided the shock jock's tome was too outrageous for its mainstream image," and it decided not to carry it in its 150 stores along the East Coast. Responding to criticism from the Times, Caldors has agreed to print the correct list. Next to the title will be printed: "Not available at Caldor stores."

Stern responded: "How can so-called responsible people distort the truth? It's what we heard about Nazi Germany when they changed history books to fan the fires of anti-Semitism."

Caldors responded: "We would get more customer complaints by selling the book than would warrant the sales we would make off the book."

[Cartoon by Etta Hulme, Fort Worth Star-Telegram, and sent by a subscriber.]

As if lawsuits and book-bannings were not enough, Stern has been hit with a charge of "racist pandering" from a black business association, the African American

Business Association. The AABA has filed two petitions with the FCC. Specifically,



it asks the Commission to ● deny Infinity Broadcasting's pending purchase of WPGC-FM 95.5 Morningside MD-Washington DC; and ● revoke Infinity's license to operate WJFK-FM 106.7 Manassas VA-Washington DC, which broadcasts Stern's morning show. The AABA cited several instances of "racism" on Stern's shows, including references to a black *Jeopardy!* game show, Stern's uncomplimentary descriptions of black athletes, and an interview with Klan spokesman Daniel Carver, who said "Niggers have destroyed most of our public schools. . . Niggers carry AIDS to school. Niggers stink up the whole classroom." The AABA said Infinity's purchase of WPGC-FM, a station said to have a large black audience, "will force black consumers to subsidize racist programming controlled by the same licensee." And the petition accuses WJFK-FM of violating FCC EEO policies by creating, through Stern's programming, a hostile working environment for blacks. Infinity President Mel Karmazin called the charges by the AABA "frivolous; it's absolutely absurd that anyone would think Howard Stern is a racist. He uses parody as a way of pointing out how wrong racism is."

Small-Print Happenings and FM Industry News

Media analyst Jim Duncan has trotted out figures showing that FM's rise in the share of listening has been halted. From 1975 to 1992 the rise was generally steady each year. In 1976 43.8 percent of radio listening was to FM, and by 1992 it was 74.6 percent. However, in 1993 it slid to 74.4 percent. [A previous slippage in FM listening was in 1988 when it was 71.4 percent, down from 1987's 71.8.] Duncan attributes the slight FM slip in listening to the popularity of talk radio on AM. "If not for the success of talk radio, FM share would probably have continued to show small increases," he said. The market he shows where FM's share is the highest is Tallahassee FL, with FM accounting for 98.6 percent of listening. Duncan's figures are slightly more skewed in favor of AM than the latest RADAR summary, reported in the "FM Atlas," which indicate that FM has a 77 percent hold on the national radio audience—the same as last year.

Bear Broadcasting of Rochester NH is selling WWEM 96.7 and WXBB 105.3 Kittery ME, along with WZNN AM. WWEM and WZNN are going to Precison Media Corp., while WXBB is being sold to Fuller-Jeffrey Broadcasting. Precison already owns WERZ 107.1 and WMYF AM Exeter NH,

while Fuller-Jeffrey owns powerhouse WOKQ 97.5 Dover NH. Each of the two buyers is paying "in the \$1 million range" for the stations. Class A WXBB, which went on the air a year ago with a country format, challenged WOKQ's dominance in southern NH, but is to become part of the same family, pending FCC approval.

In WI, Great American TV and Radio has agreed to sell Milwaukee's WLZR-FM 102.9 and AM for \$7 million to Saga Communications, owners of WKLH 96.5. This is in addition to the WEZW 103.7-WMYX 99.1 Heritage Media duopoly announced last month. Greater Media, owner of WCSX 94.7 Birmingham MI, is buying WRIF 101.1 Detroit for \$11½ million, while WMQX-FM 93.1 Winston-Salem's Max Radio is buying WJMH 101.9 Reidville NC.

All the commercial stations in Superior WI plus one in Duluth MN would be in one company as WAKX 98.9 and its AM along with KZIO 102.5 and AM, all with studios in Duluth, plan to merge, subject to FCC concurrence. WMMS 100.7-AM Cleveland being merged with WMJI 105.7, also subject to FCC approval.

A would-be duopoly that at least 13 OH stations are objecting to is that of a new 103.3 in St. Marys OH by Lima Broadcasting Co., with WIMT 102.1-AM. The competitors have told the FCC the AM-FM already have a 31.3 percent share of the audience. The CP has not been granted, but is the only one, since a competing app by Clear River Communications was dismissed. The group asks the FCC to dismiss Lima's application or designate it for hearing.

Hit with a short term license renewal—to April 1, 1996—and a \$12,500 fine for EEO violations is WHYN 93.1 Springfield MA and its AM. The FCC found that the licensee failed to adequately recruit minorities for a majority of its vacancies.

The Senate confirmed Reed Hundt as FCC Chairman, replacing Interim Chairman James Quella. Quella had served almost a year since Al Sikes' departure.

Being fined for offenses, such as EBS systems not working or tuned to the wrong station, public file documents missing, running excessive power, or operators not licensed, were these stations: KRZA *88.7 \$6000, KASF *90.9 \$2900 and KALQ 93.5-AM \$3000, all in Alamosa CO; KZYR 103.1 Avon CO \$2250, KSMT 102.3 Breckenridge CO \$2250, KQMT 101.5 Eagle CO \$6000, KBRU 101.7-AM Fort Morgan CO \$2500, KCME *88.7 Manitou Springs CO \$4500, KSKE-FM 104.7 and AM Vail CO \$2850, KZRR 94.1-AM \$2000, KKJY 100.3 \$4500, both Albuquerque NM; KNUA 107.1 Arimijo NM and its AM in Albuquerque \$12000; KPER 95.7 Hobbs NM \$2000, KLEA-FM 101.7-AM Lovington NM \$2000, KMMW 105.1 Maljamar NM \$2600, WZNF 95.3 Rantoul IL \$12950, WQFL 100.9 Rockford IL \$900, WJVO 105.5 South Jacksonville IL \$5000, KINI *96.1 Crookston NE \$4250, KTMX 104.9 York NE \$2000, WNCN 104.3 New York a mere \$300, KZSD-FM *102.5 Martin SD and TV \$1000, KILI *90.1 Porcupine SD \$8300, KWYR-FM 93.7 and AM Winner SD \$4250, KBMA 99.5 Bryan TX only \$250, KOKE 101.5 Giddings TX \$6250, KRVL 94.3-AM Kerrville TX a paltry \$250, KTRS 95.5 Casper WY \$2000 and KWOG-FM 99.3 and AM Douglas WY \$7600.

The creaky EBS, "Emergency Broadcast System," may be [finally!] on the way out. According to the New York Times, the FCC intends to bring the 42-year-old system into the digital age by letting federal and local disaster management officials use various technologies, other than broadcasting, to transmit direct to people, such as via pagers or personal computers. Gone may be the bothersome and usually ignored EBS test tones, FCC fines for stations not having the proper EBS equipment, and the need to train new operators in using the system.

"Making Waves" is an article on Christian broadcasters taking over the airwaves, and published in the November Progressive magazine. While centered on shortwave, or "world band

radio," it mentions "a network of FM stations in Ecuador and along the U.S.-Mexican border." The article charges that religious stations leave a version of Christianity that coddles right wing regimes and upholds U. S. domination in the Third World. Religious broadcasters are quite properly trying to reach every major language group by 2000, "rescuing Uzbeks, Turkmen, Mazanderanis, and Macedonians from a Christ-less eternity. [Their efforts] may seem harmless, even absurd. But they are creating cultural and political havoc around the globe." The article was written by Frances Rivers, with research "provided by a grant from the Fund for Investigative Journalism."

A "duel on the dial," at 89.3 in Washington DC involved participants at WPFW. The internal struggle left the station off the air for three days, with charges that parent Pacifica Foundation, based in Berkeley CA, was too aloof to help the struggling, predominantly black station. The station has tried to improve its financial base, such as going to businesspersons and seeking underwriting, only to be stopped by Pacifica. Leon Collins, former general manager, now employed in Houston public TV, said he had to fight Pacifica for everything from money for toilet paper to a new transmitter, after the old one blew up during his second week on the job. WPFW's budget is \$685,000, of which only \$350,000 comes from listener subscriptions. Other stations, such as KPFA *94.1 Berkeley, raise about 75 percent of their funds from the public. The dispute started when several volunteer programmers came to the station and demanded that special programming be aired immediately to deal with the crisis at the station. One programmer, who had her show pre-empted, locked herself in one of the station offices. Finally, it was decided the station was "anarchistic" and taken off the air by station engineer Bob Daugherty. By Monday morning Oct. 4, the station had a new general manager and was back on the air. Daugherty believes the station needs to diversify its programming and have a more appropriate early morning format for commuters, and thinks the concept of a monthly program for participants to discuss, on air, their concerns is a good one. "The concept raises hackles in Berkeley, but would seem to be in line with the Pacifica charter, which calls for open debate leading to understanding 'between individuals of all nations, races, creeds and colors'," says Michael Hardesty in the Washington Post.

The FCC has upheld a staff action returning, under the "hard look" rules, an FM application filed by Roger D. Bouldin and Raymond Deakins for a new station on 103.1A in Tusculum TN. The application was timely filed during the appropriate window period, as were two competing applications. The FCC found that two pages of the engineering section were missing, and therefore returned it "to sender." The Commission was unimpressed with the Boulding/Deakins argument that the missing data could be derived from other portions of the application or its exhibits. "The Commission said the application was properly returned as insufficient for tender."

Another use for TV's SAP at 78.67 mhz is Autotalk, Inc., producers of continuous regional traffic reports for cars, which would use the Home Shopping Network's SAP. The system is in use in San Francisco and Los Angeles, and is hoping to expand to 30 markets in the next five years. For more information: Kamer/Singer & Associates, Inc., 145 Natoma St., Ste. 300, San Francisco CA 94105; (415) 512-6800.

KRXS 97.3 Globe AZ was to have received an upgrade from an A to a C3, but lack of concurrence by the Mexican government is delaying things. That and other requests within 320 km of Mexico are apparently on hold until that government gets around to agreeing to the upgrades. "Manana..."

Union MS 104.1 has no call letters yet, and it might never; that is, if Dorothy Torgerson remains a principal. She is confronted with a lack of candor/misrepresentation issue resulting from ownership in a Meridian MStation she denied being involved with during the Union MS hearing. She allegedly had a 49 percent interest in that unnamed station and was on its board of directors. The Commission is questioning her fitness to be a licensee; she could face fines up to \$250,000, whether or not she continues to hold the 104.1 license. Her company, which could be squashed by the FCC, is Lady Bug Broadcasting.

The "M Street Journal" reports that at the fall NAB Radio Show WCSX 94.7 Birmingham-Detroit programmer Ralph Cipolla said on a panel that his playlist is "all an illusion and basically we play the same songs over and over..." The tape of that panel somehow came to rival WRIF, which later played it over and over again on 101.1 as a promo for all to hear. WCSX is not commenting on that promo.

Arbitron decided to reissue the Wichita Falls spring '93 book after KTLT (106.3)'s Jim Schroder, in reviewing the diaries, found that "106" entries were credited to KHKS Denton-Dallas instead of to his station. Schroder knows what to look for; this is the second time his local book had to be reissued after one of his visits.

The federal government in Canada has referred back to the CRTC decisions approving two digital audio services for cable systems. Both Cogeco and Shaw were given five-year licences to offer pay services in association with U.S. providers; Cogeco with Digital Cable Radio, and Shaw with Digital Music Express. The government is concerned about "cultural sovereignty," and is asking if more Canadian music could be used, and for the companies to justify their failure to not make the services available to all parts of Canada. The music industry has appealed the decisions, terming them "cultural assassination." A music industry task force is working on a study of digital audio, to be released in January, according to *Broadcast Technology* magazine.

Broadcast totals as of 10-31-93. FM still hasn't surpassed AM in commercial stations on the air and licensed, but it will soon! FM, 92-108 mhz, now 4945, with AM, 540-1600 kHz only three stations ahead at 4948. FM educational, 88-92 mhz, 1650 stations.

From the classifieds: Complete FM studio for sale. Boards, carts, reels, mics, etc., Jim Phillips, 414 Washington Ave., Defiance OH 43512; (419) 782-8591.

As a new inspirational Christian radio ministry serving north central IA and set to begin on air broadcasting in February, we are looking for qualified air personality/PD who has the gifts and talents to grow into greater levels of ministry and responsibility at a beginning salary of \$18,000 plus full benefits. We are looking for quality, ministry-oriented communicators. Resume and tape to Michael Bayliss, KJYL *100.7, PO Box 325, Eagle Grove IA 50533.

Wants to buy SCA plug in module for RCA BTE15A exciter. W.C. Florian, WNIB, 1140 W. Erie St., Chicago IL 60622.

Station for sale: KKVO *90.9 Altus OK—Christian, noncommercial with Gates FM-1C 1 kw transmitter, with established audience; eight years on air, \$65,000 negotiable. P. Galloway, KKVO, PO Box 787, ZIP 73521; (405) 477-4110.

Panaxis FM 1500.5 to 15 w FM stereo exciter/generator/transmitter, frequency adjustable, almost new \$875. G. De Oreo, Big Island Public Radio, Box 1111, Kurtistown HI 96760; (808) 966-6543.

FM AS IT WAS—OR MIGHT HAVE BEEN

"FM IN THE CAR"

BY WILLIAM AND ANN MARON, 1958
ARTICLE REPRINTED FROM "ELECTRONIC INDUSTRIES," CHILTON CO.,
PHILADELPHIA 39, PA

"How about FM in the car? Well, here is a report by a radio engineer; he gives actual readings with an FM auto radio in urban, suburban and country driving. His conclusions will interest every FM broadcaster" says the preface to the article.

The authors took a road trip in a car equipped with a Blaupunkt AM-FM radio. Editor's note: FM auto radios and tuners are made in the U.S. by Franklin Electronics, Bridgeport PA, and Gonset, Burbank, Calif. The German Blaupunkt is imported by Robert Bosch Corp., Long Island City NY. The radio is installed in the dash and a meter installed below the set "for precise tuning and measuring signal strengths qualitatively." The antenna is mounted on the lid of the trunk, connected by RG-8/U cable to the radio, with several .05 mfd. capacitors connected to various automotive points to ground to reduce interference. A 10,000 ohm resistor is connected between the ignition coil high voltage terminal and the common terminal of the distributor.

General results: Reception of FM broadcasting in a car is outstanding. It is a unique experience to drive over hill and dale, under bridges, through short tunnels, on the streets of New York among the tall buildings, under trees and beside power lines and all the time have the program volume remain at a constant level. There is none of the "drop out" experienced with AM. There is no noise in passing a neon sign or a high tension line. Although the signal strength varies, as indicated by the meter, the listener is totally unaware of this. The vertical antenna is extremely effective for receiving FM stations. We received signals from WNHC-FM New Haven CT and WALK-FM Patchogue L.I., New York in the vicinity of Point A (see map [N.E. NJ]), the distances being about 70 miles or so by air. . . The speed of the car has no effect on the signal. We made observations on the New Jersey Turnpike and the Garden State Parkway at the maximum legal speed limit, 60 mph.

While all FM broadcast stations use horizontal polarization, a vertical antenna provides excellent reception. There is the added advantage of being virtually non-directional. Especially startling is the constant volume level of the program material in the presence of man-made structures and natural obstructions that tend to shield and degrade AM signals.

Touring: We made a 1500-mile trip to observe FM broadcast reception on an automobile receiver at localities away from New York City—to Buffalo, via the Queen Elizabeth Way to Toronto, Ontario. King's Highway 2 from Toronto was followed to Kingston, Ontario, the gateway

to the Thousand Islands, then over the international bridge back to the United States. From Alexandria Bay on Route 2 through the mountains to Utica NY, then to Albany, then the Massachusetts Turnpike to Boston and Gloucester. About three-quarters of the trip was made through mountainous regions, with many peaks over 2000 feet. Rugged terrain is supposedly detrimental to VHF propagation; however, all along the route we listened to FM broadcast stations. Nearly all FM stations broadcast the same program as the affiliated AM stations.

From time to time the receiver was switched to the AM broadcast band for comparison of reception with AM. The results on AM are so poor that no comment will be made. On leaving New York, WCBS-FM was tuned in. The meter reading being 5. By the time the Harriman exit on the Thruway was reached the signal was down to about 1. The program was no longer understandable and the background noise high. Afterward, WPIK Poughkeepsie NY provided program for about 70 miles. Some 30 miles south of Albany two stations were checked—WGFM Schenectady and WFLY Troy. The signal from both stations read about 3. Going west on the Thruway the following stations were tuned: WRUN Utica, 4, WDDS Syracuse 3, WSYR-FM Syracuse 3.8, WRNY Rochester 2.5. Numerous other stations were heard, but time did not permit identifying them, as at a speed of 60 miles, distance is covered quickly, and some stations give their call letters every half hour.

About 50 miles from Buffalo WBEN-FM and WBNY came booming in. Continuing into Canada several stations were heard with good signal strength. Going east toward Kingston, both WBEN-FM and WBNY had 2.5 signals in Coburg, Ontario, about 80 air miles from Buffalo. At Colburne, Ontario, WHCU-FM Ithaca NY has a 2 signal. The distance is 115 miles over rough terrain and Lake Ontario. Returning to the U.S., WFLY Troy was monitored, and going toward Springfield Mass., we heard WMAS Springfield, WMMW Meriden CT, WNHC-FM New Haven (65 miles). Approaching Boston the dial was alive with FM stations. In Belmont, a suburb, a few stations were checked: WCOP, WCRB, WEEI, WLLH (Lowell), WNAC. On the return trip, WXHR Boston was monitored. The signal dropped below 1.5 at Sturbridge, which is about 60 miles.

In Great Barrington, Mass., a check showed that WGFM Schenectady and WFLY Troy have 3 and 2.5 signals. On Route 9D, leaving Cold Springs, NY, WBAI was tuned in all the way to New York. The signal was over 5 near the

George Washington Bridge. The reception obtained with FM during this trip conclusively indicates that it is a highly desirable means of receiving programs in a car—with the same quality as obtained with FM receivers in the home.

Some of the stations listed on the Marons' chart: WHOM-FM 92.3 New York, WNRC *93.5 New Rochelle, WAAT-FM 94.7 Newark NJ, WABC-FM 95.5 New York, WSTC-FM *96.7 Stamford CT, WRCA-FM 97.1 New York, WHLI-FM

"the voice of long island..."



*98.3 Hempstead N.Y., WOR-FM 98.7 New York, WBFM 101.9 New York, WFMX 104.3 New York, WWRL-FM 105.1 Woodside NY. *Class A station, 1000 watts ERP maximum.

This article was "compliments of Robert Bosch Corporation car radio division," and I've had it since buying my Blaupunkt FM-AM car radio in 1960. All broadcasting then was monophonic and station polarization horizontal only.

FM FORUM

CONTRIBUTIONS FROM READERS

Continuing Bill Gruber's discussion about the musical chairs in northeast OH's educational dial: "WAPS will gain primary and secondary coverage," plus we are getting a new tower, ice-proof antenna, transmission line, top-line processor/stereo generator, mod monitor, etc. We need it all badly, and there's no money of our own to pay for any of it."

WSTB "would take a while to raise funds for the needed new antenna. If they eventually move to 88.9, WAPS would likely file to increase ERP or do nondirectional ... it's not too severe a null, though, and we might just live with it, depending on finances." One complication is that WTRUW *91.1 Cleveland just got approval for an increase to 14500 h.v, directional, which might adversely affect WAPS on the adjacent frequency.

Freewheeling Robert J. Luertsema (pictured) of WGBH *89.7 Boston has been



World Radio History

told to stick to a more predictable classical music format. In response, he agreed to disagree and will be only heard on week-ends. He was told that music selected should be on its merits, not because of some composer's birthday or because it is a holiday, and between 7 and 10 a.m. most works should be under 20 minutes and fairly easy on the ear. News of his semi-retirement spread quickly, with Deborah Borda, managing director of the NY Philharmonic saying, "He was one of the great music educators in this country, and in that way he played a tremendously significant role. He proved that you could program classical music in a stimulating high quality yet accessible way."

Harry Staszewski, Jr., dangled key-chains at me through the mail and said, "FMedial is great. Thank you. Also, my G-E Superadio III works fine. Please find two samples of Key Tags that my company supplies to the radio market. I'll send a free sample to anyone that sends me a S.A.S.E. with 52 cents postage to HJS Diversified, PO Box 1132, Erie PA 16512."

The Classical Music Broadcasters Association's 1994 convention to be April 27-30 at the Century Plaza Hotel, Los Angeles, (415) 986-2151, and hosted by KKHI-FM 95.7, % Bruce Beebe, President, 335 Powell St., S.F. CA 94102.

Radio Shack quietly cans its battery club program. Current battery cards are being honored, but not much longer will you be able to march in and pick up a free, red 9-v or smaller voltage battery. I've had a minimum of five battery cards the last 18 years, and estimate I have received over 1000 free batteries from "The Shack."

Radio Shack BATTERY CLUB MEMBER

Entitles Member to One Free Battery Each Month for One Full Year

ISSUED TO: Bruce Edging

No purchase required, absolutely no obligation—It's just our way of encouraging you to visit our store. To get one FREE battery each month, simply present this card to salesperson or cashier at any participating Radio Shack store or Authorized Dealer. Offer applies to the four General Purpose EVERECELL® batteries shown. Only one card per member, please. Non-transferable. When this card expires, ask for a new one. Thanks for shopping with us.



JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
X	X	X	X	X	X	X	X	X	X	X	X

Through the years, I have gotten free metric calculators, resistor charts, beach balls and flashlights. It seems all these premiums are gone, reducing the incentive to visit a nearby Radio Shack store. Now they're charging for their catalog, which used to be free when you went into the store. There are coupons which are said to make up for the price of the catalog—if you're inclined to buy from them anyway.

Ken Chatterton from the National Radio Club has heard from several FMedial readers in response to the July mention of the AM Station Map Book. You can get a copy from the NRC at \$9.50 (not \$19.95 as I said), PO Box 164, Mannsville NY 13661-0164. The new "AM Radio Station Log" (for 1994) is about 300 pp., \$19.95.



Reg. U.S. Pat. Off. Blaupunkt-Werke GmbH, Wilschheim, Germany.



Ernie Wilson of Panaxis Productions has quietly folded his "Experimental Broadcasters Newsletter." Much of it pertained to pirate activity on FM and shortwave, but his equipment catalog continues from PO Box 130, Paradise CA 95967-0130. His latest mailing was an appeal from "KAPW;" 88.9 Phoenix AZ to continue broadcasting and for legal expenses in the fight with the FCC—mainly to pay off attorney William M. Platt of Phoenix. Bill Dougan says his "KAPW" serves only a 3-5 km radius and is true "community access" radio. For more information write PO Box 47473, Phoenix AZ 85068-7473.

Probably replacing Wilson's rag is one that talks about "sandbox radio," with Dougan quoted among others in "Radio Resistor's Bulletin." It's free (for now) from PO Box 3038, Bellingham WA 98227-3038. It, too, covers alternative radio, but seems too anarchistic for my tastes.

Sending a promotional sheet from Canada's CFMX stations is K. W. Walter, who says "it is encouraging to note that CFMX is now the leading commercial classical station in North America. I keep

CFMX—
The Sound of
A Different
Drummer
96.3 103.1
Classical Music
for Southern
Ontario

hoping that more stations in the U.S. will see the 'profitable' light, and minimize the redundant talk or country-western styles." The CFMX blurb claims CFMX Cobourg-CFMX-1 Toronto have "320,000 listeners, making it

the No. 1 major market classical station in North America based on share of audience. . . We are patiently awaiting final CRTC approval for our 96.3 transmitter's new home in downtown Toronto on top of First Canadian Place."

Mike Cherry, in British Columbia, has received FM skip all the way to Mexico, getting several Mexicali stations, as well as supplying some CA non-ID information. He heard FM skip three times last summer; I'd guess all of it to the south.

The general manager of WAER *88.3 Syracuse NY, David R. Anderson, wrote in response to concerns raised about WAER's efficiency in fund-raising (see November, 1992, p. 7, col. 2). "The issue concerning Dr. John Oldfield is very complicated and not easy to describe. Dr. Oldfield is on the advisory board of one of the other local public radio stations, a competitor of WAER. He has difficulty in picking that station up at home since it is more than 40 miles away (WRVO *89.9 Oswego-b.e.). In addition, he feels that the reason he has trouble is due to intermodulation problems between WAER and the student owned station, WJPZ (89.1). We disagree on his findings. . . Dr. Oldfield produced

the 'support per subscriber' numbers by combining inaccurate department expenditures. In order to get the \$222.99 figure he included all of our expenditures that did not deal with membership. Examples of these expenditures would be telephone costs . . . general advertising of the station, costs for procuring underwriting donors, and non-membership printing costs.

"Some stations like WAMC in Albany are sole NPR stations and so they raise significant more money for their programming than WAER can when we compete with two other NPR stations in a medium size market. WJPZ is not associated with the university but owned by the students and is a private corporation. In addition, they do not raise funds from membership. [WAER's] mission is to serve the community and to provide a professional training ground for students. With a long list of famous WAER alumni serving in the industry and numerous local, regional and national awards won by students, WAER is a very good investment for Syracuse University. We give students that extra experience that cannot be learned in the classroom. . .

"When I came to Syracuse in 1982 the station was being run by the students. Most of them were not here for career experiences, but rather as a place to play their own music and do their own thing. It was dominated by nonbroadcasting people. This was very unlike the WAER of the '40s, '50s and '60s. The station now has a solid training program, state of the art equipment for students to use and the security of constant outside funding. . . WAER emphasizes journalistic and sports reporting training. WJPZ provides an excellent training program for students who want to be announcers. . . Dr. Oldfield's campaign to discredit the operations of both WAER and WJPZ is not based on fact, but rather on his own personal viewpoints. . . WAER is still one of the hardest working organizations that is training the future broadcasting professionals." In the latest "Public Notice" mailing from my FCC messenger service, it is noted WAER's application for license renewal was granted Oct. 26, 1993, despite a petition to deny, was filed back on May 1, 1991.

Charlie Persons, owner of KVBR AM Brainerd MN, retires after 67 years in broadcasting. "In 1936 he started the third experimental FM station in America, W9XYH in Duluth, whose only listener was the station owner; he had the only receiver in town," wrote the Minnesota News Council in its summer, 1993, issue.

"Howard Stern, in his book, mentions that his father, Ben Stern, used to work as an engineer at WHOM, for a well-known DJ named Symphony Sid. Howard says WHOM-FM later became WKTU and then WXRK"—all on 92.3. "I guess the 'Seven Dirty Words' (which he lists, by the way) are not forbidden in print media. They're

used throughout the book," reports Jeanette Johnson.

Another reader, who obviously is not a fan of much that is heard on FM these days, writes: "Just for the sake of controversy, I'd like to propose two new classes of rock music. First is 'trash rock'. This is a broad general category which can be characterized by gross over-processing and excessive loudness. Listeners require 'lame' brains and dead ears to be able to listen to it for more than a few minutes at a time. Let me nominate 103.3 Indianapolis (WRZX) as a perfect example. Best way to listen to one of these stations is with the volume at a minimum. Those who don't are prime candidates for hearing aids in a year or two. Then, there is 'tasteless rock' with a typical vulgar announcer who sees how close to getting an FCC fine he can get or already has. Best example is, of course, any station with Howard Stern. In the Indianapolis area, the nominee is WFBC 94.7. Bob & Tom are certainly a fine pair who do their very best to lower community standards. These stations are best heard in the vicinity of the city sewage treatment plant. Fulltime listeners probably think 'Deep Throat' was a boy scout movie.

"Several of your readers like to describe certain formats or programming as 'lame'. Let me offer my own idea what this means for classical stations. That is Baroque music. My own term is 'TOT's' or 'tired things'. At the opposite extreme are 'NMT's' or 'nasty modern things'. My own collection contains a preponderance of the latter, pieces the 'classical jukebox' stations like to hide at odd hours so nobody hears them. Well, enough poking fun. Hope that winter is kind to you and your family this year."

FM in England: Walter Garrett sent an article from the "Village Voice" mentioning the deregulation "revolution" in British broadcasting. It seems the new, local and regional stations are making money, so much so that a broadcasting franchise means a "license to print money." Three bids were recently heard for a nonpop FM service on 102.2 and possibly other frequencies, with the award going to Showtime, a company that bid twice as much as its rivals to the British treasury—£2 million plus—and "promised a cheery service of show tunes, the best of Broadway and West End musicals, and 20th century popular music as shaped by Gilbert and Sullivan. [But] when the day came for the company to put down the cash it couldn't. The Radio Authority passed the buck on to the runner-up, Classic FM." The new licensee will compete with the BBC's rather elitist Radio 3.

Next month, FM Forum begins with run-down of British and U.S. Voice of America stations on FM in various European countries. Until then,

