

The FM Radio Newsletter Volume 14, No. 13—January, 2001 "Publishing Estate," 241 Anderson Road

For the broadcaster and the enlightened media consumer

A newsletter of fact and opinion about FM radio and related technologies—from the publisher of the FM Atlas.

Published monthly (although when the annual FM Atlas is being prepared there may be no issue). Subscription price \$75.00 annually, single copies \$6.50. ISSN 0890-6718. Phoning? (218) 879-7676. FAX: (218) 879-8333. Copyright © 2000, FM Atlas. E-mail: FmAtlas@aol.com.

CINCINNATI'S "THE JAZZ ARK," WNOP, CONVERTS TO CATHOLICISM. SEE "SELECTED AM HAPPENINGS," P. 4, COL. 2.

FORMER NIGHTTIME WLS (AM) CHICAGO D-J LARRY LUJACK IS BACK ON THE AIR, THIS TIME IT'S A WEEKEND STINT ON WUBJ, DONE REMOTE-CONTROL FROM SANTA FE. P. 7, COLS. 1 AND 2.

DIGITAL AUDIO BROADCASTING NOT WHAT IT'S CRACKED UP TO BE? SEE CRITICAL COMMENTS, P. 7.

MYSTERIOUS AMERICAN AUDIOCAST CORP. ANNOUNCES LOCAL, NATIONAL PROGRAM STREAMING TO CARS. READ MORE ON PP. 7-B.

TOWER ISSUE REVISITED. SUPREME COURT MAKES IT EASIER FOR BROADCASTERS TO WIN, EVEN IN FACE OF LOCAL OPPOSITION. SEE P. 8, COL. 2.

New FM Station, Translator Grants

Translators have less than 100 watts unless shown otherwise

CO Atwood (with transmitter east of Sterling) K220HJ *91.9 (translator of KTLF 90.5 Colorado Springs), 100 [watts] h,v (horizontal and vertical polarizations).

IL Petersburg *88.1 6000 h,v; 100 m, d-a (directional antenna), Cornerstone Community Radio, Inc.

MA Newburyport *91.7 400 watts vertical only; 108 m, d-a, U. of Massachusetts

MI Adrian W205BZ *88.9 (primary not mentioned by the FCC, but believed to be WAAQ 88.3 Onstead), h,v

W211BQ *90.1 (primary not announced, but believed to be WDQV 88.5 Mackinaw City), h,v

MI Columbia Township (northeast Brooklyn, SE Jackson) W209BR *89.7 (primary not announced, but believed to be WAAQ), h,v

MI Royal Oak W208BB *89.5 (KAWZ 89.9 Twin Falls ID), v

MN Fergus Falls K202DL *88.3 (WJFM 88.5 Baton Rouge LA), h,v. The FCC dismissed a K-Love network application for 88.9 there

NV Pahump 95.1 6000 h,v; -69 m, Ramona Lee Hayes-Bell [Side by Side, Inc.]

OH Lima WYSM *89.3 3000 h,v; 67 m./

VA Clear Brook (with transmitter in Winchester) W211BR *90.1 (owned by Priority Radio, Inc. of Newark DE; primary assumed to be WXHL 89.1 Christiana DE), h,v

WA Port Angeles K207DM *89.3 (KSKD 93.3 Chowchilla CA), h,v [moving from 740 AM

BC Hope CKGO 100.5 160 watts h,v;/

BC Nanaimo CHLY 94.5 50 watts h,v; d-a, mono, rj. This is a temporary developmental licence to operate until permission for the full 3 kw on 101.7 comes through. It is owned by Malaspina University, and ex-

CHLY 94.5



pected to sometimes use the nonID, "Radio Malaspina." It should sign on Jan. 15 and will be monophonic. The full powered 101.7 signal is expected to be on this summer, and will have stereo. It is four minutes of commercials per hour "The full power signal should be audible from Courtenay and Powell River to the north through to Crofton, Chemainus and the Gulf Islands (including Salt Spring) to the south. . . After 12 years, I have left the 'Rockers Show' on CIRT *101.9 Vancouver and will be starting a brand-new weekly reggae music show called 'Roots Train' Sundays 2 to 5 p.m. on CHLY," which should start later this month. "I have also been assisting the chief engineer to get the station up and functioning," M.C., Salt Spring Island BC, who says: "As always, a big thanks for your efforts to keep 'FM Atlas' and 'FMedia!' in existence."

PQ Lac Megantic CKFL 106.7 4300 h,v; moving from 1400 AM.

Call Letters Assigned

AK Homer *88.9 KMJG

AZ Sells *91.9 KOHN

AZ Groom Creek *99.9—FCC confirms its calls should be K260AG, while Kearney NE keeps K260AF. See last month p. 2, col. 1.

CA Coalinga *88.3 KLVK (from KAZB)

CA Kingsburg *106.3 KFYE (KLVK), still "K-Love"

HI Lihue *88.9 KHJC

ID Sun Valley 101.5 KYZK

IN Kentland 101.7 WWMY (WZRK)

LA Folsom 104.7 WJSH (not WSJH), now o, "North Shore 104.7"

MD Williamsport 95.9 WLTF (WYII), ID with Hagerstown, rm format. "The New Life 95-9."

During most of November and December it played Christmas music. [new calls.]

MN Walker 99.1 KLLZ-FM (KLLZ-FM); AM has/ MT Dillon *90.9 KDWG

NY Binghamton *90.1 WIFF (WJIK)

NC Eden 94.5 WHSL (WXRA), k, "Country 94.5."

It will "complement co-owned WTQR 104.1" Winston-Salem.

NC High Point 100.3 WXRA (WHSL), r, "which allows a clearer signal." Now "The Rock Station," replacing Bob & Tom with John Boy and Billy; trading calls and formats with Eden.

OK Seminole *89.1 KZXV, to be \$, g

PA Carbondale 94.3 WBHD (WCTP), heard stunting with love ads. Now r, CHR, and *94.3 The Love Connection." Parallel to WBHT 97.1 Mountaintop PA.

PA Dallas 93.7 WBSX (WCTD), rp, new rock, "93.7 X." Had been stunting with a countdown.

PA Franklin 99.3 WOXX (WFRA-FM)

PA Meadville 100.3 WGY (WZPR)

PA Oil City 98.5 WGYI (WOYL-FM)

PA Pittsburgh 105.9 WDX-FM (WDX), AM is in Dearborn MI.

PA Saegertown 94.3 WHUZ (WMDE)

SD Dell Rapids 95.7 KSQB-FM (KSQB), mr, "Gold"; AM's in Sioux Falls

SD Flandreau 107.9 KSQB (KSQB-FM), op format

TN Sparta 105.5 WRKK-FM (WSMT-FM); AM is in Hughesville PA.

TN Trenton 97.5 WTNE-FM (WWEZ)

TX Hereford 103.5 KJNZ (KHFD)

TX San Angelo 96.5 is KCSE-1 (not KCSE-1), which the FCC gives as its calls, but there is no "KCSE"; KCSE (FM) is 96.5 Sterling TX.

TX Tahoka 103.5 KAMZ (KAWD)

UT Blanding 92.1 KBOX

VA Front Royal 95.3 WDRV (WFTR-FM) [Buzz]

WI Waunakee 105.1 WBZU (WYZB), *105-1 The/

Facilities Changes Granted [m]

AK Fairbanks KAKQ-FM 101.1 32000 h,v; 174/
 AZ Bullhead City KFLG-FM 105.5 (from 102.7)
 AZ Oro Valley KCMT 101.9 17 m (5000 h,v)
 AR El Dorado KAGL 93.3 8000 h,v; 113 m
 AR Mountain Home KCMH *91.5 ls all v[erical]
 CA Alturas KALT-FM 106.5 500 [watts] h,v; 83
 m, Class A downgrade
 CA Clovis KZFO 92.1 45000 h,v; 158 m
 CA Lompoc KRQK 100.3 3550 h,v; 260 m
 KBOX 104.1 3900 h,v; 251 m
 CA Orcutt KPAT 95.7 3300 h,v; 269 m
 CA Shingletown KBHX 96.1 1700 h,v; 389 m
 CA Ukiah KWNE 94.5 2200 h,v; 599 m
 CO La Junta KKIK 106.5 100000 h, 98000 v
 (299 m)
 CT Sharon WQQQ 103.3 1750 h,v; 186 m
 FL Sebastian WBKM 95.9 88 m (25000 h,v)
 GA Atlanta WVEE 103.3 310 h, v (100000 h,v)
 ID Boise KIZN 92.3 48000 h,v; 838 m
 KQFC 97.9 310 h,v (100000 h,v)
 ID Nampa KXGL 96.9 48000 h,v; 828 m
 ID New Plymouth KZMG 93.1 48000 h,v; 828 m
 IL Carbondale WCIL-FM 101.5 28500 h,v; 199
 m, Class B, giving up its transmitter move and
 its C1 permit. [The Laser"
 IL Galesburg WLSR 92.7 4200 h,v; 119 m,
 IL Knoxville WKAY 105.3 3700 h,v; 129 m
 IL Streator WSTQ 97.7 6000 h,v (100 m)
 KS Pratt KDGB 93.1 302 m (100000 h,v)
 KY Fort Knox WLK 105.5 3200 h,v; 139 m
 KY Madisonville W235AC *94.9 (from W234AF
 94.7), 210 h,v
 MI Detroit WGRV-FM 105.1 14000 h,v; 239 m
 MI Mount Pleasant W214BH *90.7 to 100 watts
 h,v—takes big type on maps, *FM Atlas*.
 MN Brainerd WJJY 106.7 170 m (100000 h,v)
 MN Nisswa KBPQ 93.3 170 m (100000 h,v), from
 the same site, NW of Brainerd
 MS Jackson WMPN-FM *91.3 45000 h,v; 433 m
 MT Dutton (moving from Shelby) KLHK 97.9 230
 m (100000 h,v)
 NE Hastings KFXX *90.1 56 m (1000 v)
 NE Lincoln KUCV *91.1 210 m (20000 h,v)
 NV Boulder City KSTJ 102.7 (from 105.5) 96000
 h,v; 603 m, Class C; see AZ Bullhead City,
 above.
 NM Santa Fe KMMG 95.5 17500 h,v (546 m)
 NY Glens Falls WCQL 95.9 410 h,v (263 m)
 NC Charlotte WNKS 95.1 470 m (100000 h,v)
 NC Lenoir WKVS 103.3 246 m (1000 h,v)
 OR Lake Oswego KKJZ 106.7 100000 h, 97000
 v (440 m)
 PA Media WPLY 100.3 263 m, d-a (17000 h,v)
 TX Clifton KWOW 104.1 (from 103.3) 16000 h,v
 (140 m), C2 (from C3) [12000 h,v; 147 m, C3
 TX Graham KWKQ 94.7 (moving from 107.1)/
 TX Muenster KXGM 106.7 (from 106.5) 92000
 h,v; 572 m, Class C. To serve Dallas-Fort
 Worth.
 TX Round Rock K286AK *105.1 to 230 watts h
 TX San Angelo KMDX 106.1 (from 105.7) 50000
 h,v; 193 m

TX Vernon KVWC-FM 103.1 (from 102.3)
 TX Wichita Falls-Lawton OK KWFS-FM 102.3
 (from 103.3); see TX Vernon, above.
 UT Richfield KACE 97.5 66000 h,v; 695 m
 WA Eatonville KFNK 104.9 5000 h,v; 109 m
 WV Buckhannon WVPW *88.9 259 m (14000 h)
 PR Ponce WRIO 101.1 -33 m (50000 h,v)

Stereo—Or to be Stereo

AZ Hotavilla KUYI *88.1 [100.7." ID with Boise
 ID Gooding KIJJ 100.7, "Idaho's Smooth Jazz/

Monophonic [Imus.

AR Little Rock KABZ 103.7. Still talk and sports. Drops/
 IN Chesteron WAJW *89.5 is mono with a stereo
 carrier, no local IDs heard. "It sounds flat. They
 must be getting the feed of WFMU 91.1 East
 Orange NJ off the internet. . . A strange format. Had
 Jewish this morning, and the time given is Eastern
 Standard. I'm listening to see if they might have a
 good folk music show. . . The station makes no
 sense," R.W., Valparaiso IN.

Format Changes

Formats are the same as in the "FM Atlas"
 AL Cordova WFFN 95.3 o, no "Fun Country
 95.3."
 AZ Nogales KOFH 99.1 S, m, "La Campeona,"
 with bilingual announcers.
 CA Delano KKDJ 105.3 still oldies, dropping Bob
 & Tom, but co-owned KDFO 98.5 keeps its
 classic hits format and adds Bob & Tom.
 CO Yuma KNEC 100.9 mr
 FL West Palm Beach WRLX 92.1 pr, "Planet
 Radio 92.1" (from "92 X")
 GA Roswell WAMJ 107.5 sr
 HI Honolulu KQMQ-FM 93.1 o, '80s, "93-1 The
 Q" (from "Jammin' 93.1").
 IL Chicago WLIT 93.9 mr, adds Delilah, but fired
 morning personality Bob Brynteson, after 12
 years on the air. Also let go was co-host Mary
 Ann Meyers. They were let go to enable a



Bob Brynteson
 Lite's out

new morning team to
 take over.
 Time-beingly it had
 Grant Field as fill-in
 host. Then Paul Pet-
 erson, former
 morning co-host at
 WKIE 92.7 Arlington
 Heights, and JoAnn
 Genette, a former side-kick at WXXY 103.1,
 took over. The way the brass at WLIT looked
 at the situation is that it's
 "part of the strategy to develop a stronger
 WLIT consistent with the process of moving
 the brand to the next level. Our target audi-
 ence remains the same, our music position
 remains the same, and our resolve to play a
 lot of music remains the same," according to
 Terry Hardin, VP and general manager of the
 Clear Channel Communications station. "I had
 12 wonderful years at a really great radio sta-
 tion," said Brynteson. "The way I look at it
 that this is the end of one chapter in my life

and the beginning of another." [Max" (from
 "W-Hit")

IN Alexandria WHTI 96.7 o, classic hits, "The/
 IN Hartford City WHTY 93.5 o, classic hits, "The
 Max" (from "W-Hit"), parallel to Alexandria.
 IN Jeffersonville WQMF 95.7 still op, adds Bob
 & Tom.
 IN Salem WZTR 98.9 switches off Christmas
 music to go r + Rick Dees. [100.3"
 IA Des Moines KMXD 100.3 o, '80s, still "Mbx/
 LA Lacombe WYLA 94.7], from country. No "K
 94."
 MA Pittsfield WBEC-FM 105.5 and Great Bar-
 rington W231AK 94.1 still r, but now banning
 stars like Britney Spears, the Backstreet Boys,
 Eminem and Christina Aguilera. The translator
 and primary station have "reoriented" their
 music to exclude songs that are overly raun-
 chy, sexually explicit or with violent lyrics.
 WBEC-FM and W231AK have been promot-
 ing the change through frequent, but in-
 specific, announcements. Station manager
 Laura Feed claims the change affects only 15
 percent of the songs played on the station, still
 known as "Live 105.5." Earlier last year,
 WBRK-FM, "Star 101.7," tweaked its format,
 with a more upbeat, contemporary type of
 [ock].
 MN Starbuck KRVY 97.3 signed on with Christ-
 mas music, now "The River," rm format, ste-
 reo. "It truly is a river—a river of mindless AC
 pop." It was heard without giving a legal
 top-of-the-hour ID. "I hope they are not too
 ashamed of their KRVY calls to give them as
 required" (by the FCC).
 MO Birch Tree KBMV-FM 107.1 r, hot AC. Had
 been silent, along with AM 1310. The AM re-
 turns, simulcast with FM.
 NY Ellenville WTHN 99.3 r, "96.1 and 99.3 Kiss
 FM" (from "Thunder Country"; parallel to
 Poughkeepsie (see "NonIDs," below).
 NY Mechanicville WABT 104.5 o, '80s hits,
 "104.5 The Buzz" (from "The Beat"). "The '80s
 music format has made headway nationwide
 [in 2000]. While this is a good move, the for-
 mat may eventually suffer the same fate as
 jammin' oldies; after the nostalgia wears off,
 you are left with a station that feels. . . old,"
 writes Mark McGuire in the Albany *Times-
 Union*. "While the station runs out and buys
 Duran Duran CDs, it should also browse the
 other bins for the next format it will need in,
 oh, 18 months or so."
 RI Providence WWBB 101.5 still oldies. Drops
 Imus, who moves to AM 920, WHJJ.
 SC Rock Hill WNSC-FM *88.9 [jazz], from clas-
 sical and jazz. It had poor ratings in the Char-
 lotte market, with fewer than 20,000 listeners
 overall. WFAE *90.7 Charlotte NC is elated,
 now that its principal classical format competi-
 tion is gone. Watch for WFAE adding more
 classical to its schedule. WNSC-FM is break-

ing away from other SC public stations in programming jazz. [live 6 a.m. to 10 a.m. M-F WI Rhinelander WRHN 100.1 fm, Jones. It's/

On Air—Real Stations and Pirates (Selected)

AL Birmingham WZZK 104.7 "serves the public interest, its community and listeners with outstanding commitment to and involvement in the community's life. Birmingham's most-listened-to radio station is a four-time NAB Crystal Radio Award finalist for community service," notes the NAB. In 1999 it received two national Edward R. Murrow Awards for excellence in news coverage and was recipient of the 1999 Friends in Need Award, recognizing outstanding community service. Its public affairs programs and public service announcements resulted in \$500,000 worth of air time and cash to various groups. Cash raised included \$75,000 for the Children's Hospital of Alabama, 2600 blood donors in a one-day drive, and 13,000 pounds of food for a benefit for the local food bank. "Whether large or small events, WZZK's commitment to the community is recognized as exemplary by the Birmingham community," the NAB observed.

CA San Francisco KYLD 94.9 sent out a couple of stunt people dressed in orange prison uniforms to knock on doors, asking people to help get their handcuffs off. This got the station into "legal trouble." A similar stunt in Kansas City at KBEQ 104.3 netted the morning team of Randy Miller, producer David DiMarco and stunt guy Edgar Sanchez misdemeanor charges.

CA San Jose KSJO 92.3 fined \$14,000 for airing indecency on two occasions. The first was a joke Aug. 25 in which a little girl asks her parents about sex in the shower. The station said the material was not indecent; the Commission disagreed. The second was after air personalities on the morning show discussed the proper way to have oral sex. The station said the guest, Dr. Natasha Terry, is a nationally recognized sex therapist and that she kept her discussion clinical. The FCC disagreed, saying the DJ was "pandering," and that the program used language that described sexual and/or excretory organs in patently offensive terms. Both bits aired between 6 and 10 a.m., outside the hours when indecent materials may be aired.

CO Denver KBPI 106.7—three disc jockeys were charged with promoting a "mudfest" that tore up wetlands in a mountain meadow. Steve Meade, Darren McKee and Marc Stout, were jailed and then released, according to Deputy Jim Trever. Meade, McKee and the station's general manager apologized and offered to help repair the damage, but they denied the station had sponsored the mudfest. The event drew about 200 drivers of sport utility vehicles and monster trucks, which "ravaged" wetlands near Nederland, 40 km SW of Boulder. Tom Hendricks, who owns the property through his gold-mining company, said it would cost more than \$65,000 to reseed the land and do other remedial work, but total damages could reach several hundred thousand dollars, according to Detective Jason Heathman. The U.S. Forest Service fined Meade, McKee and Stout \$50 each for failing to obtain a special-use permit for hosting a gathering of more than 75 people because they crossed Forest Service land to get to the wetlands.

IL Skokie-Chicago WTMX 101.9 is another station recognized by the NAB for excellence. "From front-office management to weekend announcers, WTMX is a group of people who care about making a positive difference in the lives of people living in and around Chicago." It has increased its public service, by adding new public affairs programs and increasing the number of public service announcements to 28 per day, 365 days a year. It is said to have donated \$5.7 million in air time. "All of this in a year where WTMX achieved the #1 rank with women in the nation's third largest market. WTMX is a focused radio station that can actually glow with pride in knowing that it has truly made a difference for the people in its coverage area," although individual charities that benefited are not mentioned.

NY Elmira W238AJ 95.5, having changed from W238AA 95.1 Has WPHD 94.7 Tioga PA on it TX Childress KSRW 96.1—fined \$3000 to Kevin Hackler for unauthorized transfer of control. This is on top of an earlier (July 14, 2000) fine of \$8000. Hackler was charged then with failing to file an updated ownership report. Thus, Hackler owes a total of \$11,000.

TX Highland Park-Dallas-Fort Worth KVIL 103.7 lost its morning show host Ron Chapman to co-owned KLUV 98.7. Chapman has been a 31-year fixture at KVIL. This was perhaps the most successful, longest-running relationship between a station and a morning host. Moving up to mornings at KVIL will be midday host Ken Barnett. Chapman, 64, replaces Johnny Stone, who was fired by KLUV. Chapman notes that consolidation in the radio industry made his move to KLUV possible. As of late, his show on KVIL has slipped in the ratings. Tom Taylor of the *M Street Journal* is quoted in the *Dallas Morning News*: "He brings that sort of credibility and likeability that any station would kill for. . . You just have to give him an enormous amount of credit for being there every day and being the guy people trust and wake up to." Chapman, a Dallas native, began in that market at KLIF 1190 AM under the name Irving Harrigan. He learned Top 40 radio under Gordon McLendon, the broadcaster credited with creating that format. He earned recognition in March, 1988 when he asked listeners to send \$20 to the station without saying why. Within three days, \$240,000 had rolled in.

WI Mishicot WZOR—but just barely. "Razor 94.7" was abruptly taken off the air because of a fire that destroyed its transmitter. Police say it's arson. The station had been climbing in the Green Bay ratings. It came back on with a lower power backup transmitter. The vandals are believed to be the same ones who broke into the transmitter building of WHID *88.1 Green Bay. They then proceeded to broadcast satanic music which lasted six hours before being shut down.

WY Evanston KOTB 106.1, "B 106," may become the next Salt Lake City (UT) move-in if Chris Devine and Bruce Buzil have their way. They're buying the station for \$1.65 million, which they'll probably upgrade. They're operating KWKD 102.3 Randolph UT, which goes by "The Blaze," and KTCE 92.3 Payson UT, "U-92," plus KYKN-FM 103.9 Nephel UT, known as "Diana," and KFVR-FM 107.9 Roy, "The Fever 107.9." This deal brings them in from a different direction to Salt Lake City—from the northeast.

EASTERN EUROPE—The old Soviet OIRT band is being abandoned. In Poland, some stations advertise a frequency in both bands, but most only use the new band of 87½ to 108 mhz. On TV, stations of the old Soviet "empire" may be using SECAM or PAL systems; "they are used interchangeably—even on the same channel during different times of day. Estonia and Latvia have a lot of Russians who stayed after Russian troops left. Lithuania and Poland don't have large Russian populations, however. Train service is poor so I found myself riding busses a lot until I got to Poland which is far ahead of the other three," F.S. Dombrowski, Milwaukee.

SWEDEN—Lars Rydén reports that the old state monopoly has been broken and numerous private and community stations have been licensed. "So it is very interesting to check out the FM band these days. Here in the greater Stockholm area at least 50 transmitters can be monitored regularly. Many of them are community stations ('nårradio'), heavily utilized by immigrant groups. This means that you can enjoy Latin music on several stations almost around the clock. There are programmes in Arabic, Farsi, Turkish, Kurdish, etc. as well. Another large sector of course is the young people's music with a lot of 'Hit FM' type stations."

Off Air—Or Not Yet On

FL Newberry WRKG 100.5 off air "due to weather-related damage."

NY Staten Island WSIA *88.9—the State Environmental Protection Agency controls the land their tower is on, and the station is charged with pollution. The agency won't allow station people on the land to make necessary repairs. It faces loss of its license because of not being able to broadcast.

Deletions

AZ Mesa K294AA 106.7—ordered by the FCC to cease operation.

MB Winnipeg CFEQ 107.1: "There's no market for a religious hip-hop station in Winnipeg," wrote an e-mail correspondent. It was "one long, silent night on the FM dial ever since [Dec. 21], when Christian music station Freq 107.1 went off the air for good. The youth-oriented Christian pop station signed off at 2:17 p.m. on Dec. 21—four days after founder Jason Ryan returned the 14-month-old station's broadcast licence to the Canadian Radio-television and Telecommunications Commission," writes Bartley Kives in the *Winnipeg Free Press*. "Freq is finished," said Ryan in an interview, blaming the station's demise on financial losses in excess of \$400,000 and ideological clashes with station management. The station recently moved from 93.5 with 22 watts to 107.1 with 920 watts, but the power increase might have been too little, too late. It competes with CHVN 95.1, a 100 kw station with a similar format. Kives points out that Freq's audience dwindled over the past year, from 1.1 percent in the spring to only .4 percent this fall. And Ryan became embroiled in a dispute with new station manager Tom Hiebert over musical content.

"Essentially, Ryan felt Freq was playing too much secular pop music, possibly opening the station up to CRTC complaints from mainstream broadcasters. Hiebert disagreed, maintaining the station was Christian enough." Claiming he'd lost control, Ryan chose to go off the air rather than risk setting some kind of regulatory precedent for Christian stations in

Canada. "We felt the only way to maintain the integrity of the station was to shut it down," he said. Hiebert unsuccessfully tried to buy Freq's licence from Ryan and his wife, Charlene. Hiebert feels there was "no financial reason" for CFEQ to shut down. Eight fulltime Freq employees were let go. Those included on-air personalities Buzz Collins and Amber Anderson. Wade Kehler, manager of CHVN is quoted: "We're very disappointed they're off the air. They had a good grasp of the youth market, and we focus on adults." His station (CHVN) "can be heard across most of southern Manitoba."

FMistakes—FMedial Dec., FM Atlas-18

AZ Apache Junction KVVA is 107.1, not "1078.1," p. 3, col. 2. [KPBZ (not "KBPZ") p. 1, col. 2.
AZ Chino Valley KFPB 103.9's former calls were/ CA South Lake Tahoe 102.9 is KZZF, not "KZZP," p. 3, col. 2. [5, col. 1.
FL Melbourne 107.1 is WAQA-FM, not "WAOA," p./ KS Lamed 96.7 is KGTR, not "KSTR," p. 3, col. 2.
MN Hermantown WWAX 92.1 is 215 m (not 705 m), 5400 h,v; p. 2, col. 3.
NY Rochester WBBF 950 is parallel to WBBF-FM 93.3 Avon NY, not to WBZA 98.9 Rochester NY, p. 1, col. 3. [WBTJ is 95.9 Sharpsville PA.
OH Hubbard 101.9 is WRBP (not WBTJ), p. 3, col. 3./ OK Lawton "89.9 is K210DJ, not "K201DJ," p. 1, col. 2.
SC Andrews 100.7 is WGTN-FM (not "WGNT-FM") p. 2, col. 3. ["The Buzz"] p. 3, col. 3.
SC Port Royal WHBZ 99.7 is "The Breeze" (not/ TX Dumas "91.7 is K219CC, not "K219CF," p. 165. K219CF is in Del Norte CO.

SAP/SCServices, 57, 67, 92 kHz

Symbols are as in the FM Atlas

IL Chicago WOCH-LP 28 oriental language, SAP.
MI Grand Rapids area WOOD-TV 8, WILX 10 (Onondaga MI), WOTV 41 (Battle Creek) all use SAP for NOAA weather relaying.
MI Lansing WLAJ 53 uses SAP for weather and lottery numbers announcements. "SAP really hasn't reached its potential as it should have. High time the important folks waked up to the subject," K.S. Flat Rock MI.
PA Philadelphia WXPX "88.5 still †Q,Q. The 67 is a startup Greek service. Mr. Stratos Parisiou is looking for 5000-6000 SCS radios by summer. "You guys are the best!" M. DiS., Batavia IL.

NonIDs, Not Just Slogans

Mentioned usually without call letters; "strict" if a station uses call letters once per hour (at or near top of hour) as required by FCC and Industry Canada
NY Poughkeepsie WCTJ 96.1 96.1 & 99.3 Kiss FM (from "The Cat")
OK Enid KMMZ 96.9 Unforgettable 96.9. Has upgraded and now covers Oklahoma City.
OR Malin KBUG 100.9 The Bug
ON Chatham CKUE 94.3 The Rocket 94 dot 3 (from "C Cue FM"), heard with ads for the Windsor area; \$. "I'm glad to see that FMedial remains around. I'd love to see a new FM Atlas, too. Good luck!" J.C., Greenfield Center NY.

Multi-City ID in Use

OH Defiance WDFM 98.1 with Fort Wayne IN. Now "Mix 98.1" (from "Mix 98").

Selected AM Happenings

DC Washington WGAY 1260 was the home to Eddie Gallaher, who has just retired at age 85. He had been on the air in that market for 53 years, having started at WJSV/WTOP 1500. He played adult standards music, which is reported to be leaving 1260, and the new format there has not been announced. He supposedly replaced Arthur Godfrey on WTOP in the '50s.
FL Panama City WSUN 910 silent
KY Newport WNOP 740 was to have quit its jazz format Dec. 31, becoming Roman Catholic in its programming. "In the 1970s its studios were located in huge floating steel drums on the Newport side of the Ohio River," and served Cincinnati OH. It called itself "The Jazz Ark." The owner received "thousands of letters and even some petitions against the sale [but] he said the station has been losing money for years and he held out as long as he could." Its last jazz programming as the dock approached midnight was "The Night the Music Died." It is a 1000-watt station, whose full kilowatt power was used only in the daytime.
MD Ocean City WETT 1590 silent, but it is expected to return next month as WXHZ with CHR.
MI Detroit WXYT 1270 is talk, adding sports in place of Rush Limbaugh, who moves to WJR 760.
NM Milan KQEO 1130 had been silent. Comes back on as KZKL, with Ranchera.
NY Elmira Heights WEHH had been silent. Now standards, "Golden 1600." It had been on 1590.
OR Portland—a piece of nostalgia leaves as KGW 620's old 600' tower near the Columbia River north of town is taken down "to make room for wetlands." It had used that tower since the 1930s. It recently changed its transmitting spot to the KEX site, SE of Portland. Stations are co-owned.
WI Eau Claire WEIO 1050 changing to Catholic with call letters WDVW, "Divine Mercy Radio," and sold by Aspenglow to Totus Tuus Communications. It will have some EWTN shows as part of the new format. This leaves Aspenglow's WISM 98.1 as a stand-alone station in the market. The word, "divine" is pronounced "da-VINE," not "DEE-vine," as my old choir director stressed years ago. Most versions of *O Holy Night* that I heard over the Christmas period had the word, as in "Oh Night Divine," excruciatingly mispronounced.
BC Vancouver CKLG 730, currently hot AC, is about to flip to all news, which is similar to the format used by CKWX 1130 AM. "Whether Vancouver can support two similarly-formatted news stations is questionable. CKLG during the '60s and '70s was a legendary 'Bass Radio' top 40 station and recently has ended up at the bottom of the ratings heap."
CKST 1040, currently adult standards/talk, has been sold to Grand Slam Radio, which will turn it into Vancouver's first all-sports station. "CKST has been through many, many formats, call letters and ownership changes in its 14-year-history and has recently discovered that sports talk is profitable. Grand Slam is owned by local sports broadcaster Paul Carson who brings a wealth of experi-

ence to this endeavor. The flip is supposed to occur in February or March."

ON Toronto CHWO 740 testing with big bands. Announces it will come on the air with real programming Jan. 8.
CANADA—CBC AM personality Allan McFee, 87, died. He was liked by listeners of music and talk programs. He began his career with the CBC in 1937 and remained there until 1991. He was well known as the host of the "Eclectic Circus," a late-night program of music, which included characters McFee created.

FMakings—Selected FCC and Industry Canada applications

AZ Holbrook KZUA 98.5 (from 92.1) 149 m
IL Cairo WBEL "88.5 40000 v, 174 m
IA Waukon KNEI-FM 103.5 37000 h,v [h,v; d-a)
MD Havre de Grace WXCX 103.7 172 m (37000/
MI Carrollton WTCF 100.5 6000 h,v; add d-a
MI Saginaw WGER 106.3 4400 h,v; add d-a
MS Tupelo WAQB "91.7 23000 h,v; 158 m, C2
MO Festus KTBX "89.3 25000 h,v; 116 m, d-a
NM Red River KRDR "90.1 3200 v, 224 m, C3
NM Roswell KSEFX 100.5 100 m
UT Logan KBLQ 92.9 100000 h,v; 63 m
WA Mabton KLES 98.7 4000 h,v; 251 m
WV Clarksville WPDV-FM 104.9 7400 h,v; 187 m
ENGLAND London—the Radio Authority will soon be advertising four more London licences "and two certain applicants will be the women's stations Viva, backed by Jazz FM and PR guru Lynne Franks, and EMAP with Johan Bakewell. Both tried last year to win a waveband and failed, but one should now succeed. As it happens, two 'short-term' women's radio stations are about to go out on 87.7 FM over parts of north London. . . Ghetto radio? Certainly not, says Celebration Radio. "Women have so little on radio for them. There's a very male-oriented diet. Both stations are critical of the BBC's *Women's Hour*. 'Far too safe'," says a Brazen spokesperson, one of the two temporary FM licenses held by women. [See also p. 7, col. 2 for more information on England radio applications.]

FM Rulemakings Proposed

First date is for filing comments at the FCC; second date is for replies. Stations affected, if any, are listed. (No activity this month.)

FM Rulemakings Finalized

No filing windows because of freeze

AZ Heber 105.5C2—by New Directions Media, Inc., Robert D. Zellmer, President, PO Box 1643, Greeley CO 80632.
AZ Overgaard 94.3C3—by same petitioner
AZ Snowflake 99.5C2—by same petitioner
AZ Taylor 103.5C3—by same petitioner
CA Gaviota 101.1A—denied Brian Costello's petition. He failed to prove Gaviota, population 70, is a real community, and the FCC said Santa Barbara FM stations provide sufficient service to the area. Lazer Broadcasting Corp. also supported the allocation, but Stratosphere Broadcasting opposed it. Each party filed extensive reply comments. The FCC sided with Stratosphere Broadcasting, although I found Costello's arguments more convincing.

FM As It Was—Or Might Have Been

A pessimistic view of FM radio written in 1974 was taken from the Internet. I

think it was written by former subscriber Mike Dorner, Jr. of Louisiana, but the author is not identified in the article.

Yes, I am pessimistic about the immediate future of FM radio. I doubt that the listener cares about true hi-fi or stereo. The typical listener dials for the loudest signal, and hence compression limits are tightened so that there is no dynamic range. People do as little as necessary to receive any kind of TV signal as possible. Lavender football fields, green actors, pink skies—how they watch that is beyond me. I've seen people watching screens with so much snow that the picture is just above the noise level. I know how the AM boys, particularly the hucksters, will tout AM stereo; people believe anything and accept everything.

"Now you won't have to tune to FM to get authentic stereo," I can hear it now. Human nature never changes. And it generally takes the line of least resistance. AM is easier to tune and receive than FM, let's face it. I have two typical FM radios in addition to my Heath [tuner]; on my clock radio I cannot get all the locals well, let alone semi-locals, the GE portable is much better if one is reasonably careful in tuning. Besides, as electricity rates increase, it makes less sense to use several FM stations to achieve what one or two AM stations can do. Notice, I'm talking about the typical station. I'm not comparing a 100 kw FM to a 1450 kHz AM. Finally, our economy is going through far-reaching adjustments not apparent to most. The days of easy affluence are over—raw materials of all kinds from all places (e.g., coffee, tin, etc.) are becoming more expensive. People will purchase less of everything, and advertising budgets will in the long run be cut back. Marginal stations, and there are many, even in big towns, will go the way of the thousands of daily newspapers that used to exist. Note, I'm not saying that FM will fold; there will always be a great need for it.

To this then are two exceptions that I see, barring a sudden breakthrough in cheap energy: 1) the FCC relaxes its rules to permit highly automated unattended stations, which are technically feasible, I think; 2) local, small FMs become satellites of large city stations—this makes more sense than thousands of flea-power translators.

There are signs that young people may be able to keep television within bounds as a recreational activity; the old fascination of our generations with the tube seems to be waning. Then, on the other hand, it may be that line of least resistance again—people will stay home

and listen to more radio and television. FM will gain some then.

I hope I'm dead wrong; I'd like to see FM growth continue. I'd like to be surprised in finding that the public can spot a better medium when it hears it.

200002

The author of the FM-only radios' website I quoted from last month has e-mailed and identified himself. He's Andrew R. Mitz, whose new project is working on a prototype FM crystal set.

It's Official: Congress Scales Back LPFM, New Filing Window to Open; Many Possible Frequencies Dropped

On Dec. 15, 2000 Congress passed legislation to cut back the FCC's low power FM proposal. President Clinton later signed into law the Grams' rider (S. 3020). The act:

- Allows the FCC to move forward with licensing LPFM stations, but it must provide third-adjacent channel spacings.

- Requires a test of nine markets to be conducted by an independent third party to see how LPFM without third-adjacent channel protections would affect current listening audiences. The FCC must report back to Congress by Feb., 2001 on the findings of the nine test markets.

- Makes permanent the third-adjacent channel protections unless Congress amends those protections.

- Requires the FCC to conduct an economic impact study of LPFM on "incumbent FM broadcasters in general, and minority and small-market broadcasters in particular."

- Requires an FCC study of the impact on the transition to digital in-band, on-channel radio. It also must review the impact on stations that provide reading services for the blind and FM translators. All of these studies must be submitted to Congress.

- All LPFM stations must be non-commercial and will remain non-commercial. This is seen as helping small-market broadcasters.

- Forbids an LPFM license to anyone who engaged in unlicensed (pirate) broadcasting.

The FCC on Dec. 21 released a public notice accepting for filing 255 LPFM applications. These are mostly in small towns and rural areas; all are separated from local stations by 800

kHz or more. They are ones which are "standalone," meaning there is no competing application for the channel asked for. Construction permits for these channels may be granted by the FCC following a 30-day petition to deny period. The list of applications can be viewed on the FCC's site at http://www.fcc.gov/Bureaus/Mass_Media/News_Releases/2000/nrmm0047.html.

The National Association of Broadcasters advises stations in the 20 states which were part of the first two LPFM filing windows check the list of applications to determine if any LPFM applications were filed in their markets. They are then urged to examine those applications to make sure that the proposed stations won't interfere or otherwise violate FCC rules. Stations should consult with their engineers or counsel in case any questions arise.

The NAB reprinted an article from the Dec. 22 *Washington Post*, "FCC Issues Short List of Low-Power Stations," by Frank Ahrens.

Ahrens mentions that the initial two filing windows resulted in 16 applications accepted in Virginia, four in Maryland and none in the District.

"Among those who made the cut is the Edinboro Early School in Ocean City [MD]. If all goes well, Delmarva listeners who tune to 107.9 FM next spring may hear a 5-year-old reading stories. The Edinboro school, with about 100 nursery-school and kindergarten kids, was started 12 years ago by Jon Gerbracht, a retired electrical engineer, and his wife, Suellen. They plan to use their station to broadcast child-education programming to parents. Community events outside the school also may be broadcast. "We're going to be looking for a lot of volunteers," Gerbracht said.

Said FCC Chairman William E. Kennard (who is expected to soon resign): "The licensing of these first low power radio stations will benefit our communities and enhance the diversity of our society.

"I predict that as these first stations go on the air, we will see more and more applications from schools, churches and community-based organizations. And these new LPFM stations will not create any harmful

interference problem for existing radio services. It has been a privilege to be part of this effort to bring new voices to the airwaves, and new public services to the local communities all around the nation."

In Minnesota, Esko 106.1 for the Seniors made the list, as did Moose Lake 99.7 for the Seventh-day Adventists. The latter was the only one from about 20 such church applications that made the short list; I worked on the Esko application plus two others that didn't qualify.

John Broomall, who has the Christian Community FM website, says Kennard's original estimate of 1000 LPFM stations may still come true, even under the new law. He reasons that: 1) 252 applications were approved from Window 1 and 2. This projects to nearly 650 over five windows. 2) Once the mutually exclusive issues are resolved, many more permits will be granted. 3) Applicants are permitted to move to another frequency as a minor modification. "This will give permits to several of my clients and many more nationally." 4) Many organizations have no frequency at their headquarters, but do within their allowed 16 km radius. Some of these will be willing to pay the extra money for a separate transmitter site, and this will add to the total. 5) The "fear factor" is gone. Now that Congress has acted, prospective applicants can proceed with less fear, meaning more applications. 6) The small town totals will be the same. Under the old rules, you might have one applicant and five frequencies in a rural area. Now you will end up with one frequency and one station. Net results will be the same under the old and the new. 7) Large cities might have had one frequency and a dozen applicants. If no one gets a CP, the loss for the market is only one. 8) LP10s and share frequency stations will add to the total. "In summary, I predict 1000 licenses or CPs within five years."

The *M Street Journal* says the new law strips away 80 percent or more of the possible LPFM licenses. Kennard's main solace may be in the testing of LPFM in nine major markets; however, the requirement that the tests be completed by February, 2001, is unrealistic. If new stations

have to be built and testing done within a one-month period, and then the stations dismantled, it is putting an impossible burden on those doing the testing, and might yield unconvincing and incomplete results. *M Street* foresees an increase in pirate radio activity, "since many would-be LPFM licensees may have decided there's nothing to lose by going on the air without a license. We predict a busy year for the FCC field agents and federal marshals." Already, the FCC's been on the lookout for illegal low power FM stations. The Atlanta Field Office recently fined Skywave Electronics \$7000 for selling at least 11 transmitters, in violation of Sec. 15.239 of the rules for excessive power. Skywave contended it was only a re-seller, and it pleaded poverty. The FCC, however, was unmoved and stuck with the fine.

Apparently there's peace in our time between the FCC and the NAB. I've heard no more about the NAB's lawsuit to stop LPFM. While the lawsuit was being heard, attorney for unlicensed broadcasters Robert Perry said so-called pirates "cause much less disturbance than the FCC alleges and shouldn't automatically be disqualified for the new [LPFM] service."

Subscriber Dan Ramos says "low-power FM will be administered by Congress instead of the FCC. Congress, of course, will not know what it is doing. This decision should have been left up to the FCC who has the brainpower to make the proper determinations, based on technical knowledge instead of political knowledge. This is a sham! I feel sorry for the to-be small broadcasters who made the effort to apply for a license. Many of these organizations are small non-profits who don't have the huge resources to fight for their piece of the spectrum.

"NPR's *All Things Considered* had an excellent segment about the decision, even mentioning that NPR itself was against low-power radio. The segment ran five minutes. The *L.A. Times* [also] had an article in its Business section. I hope the low-power organizations don't give up!"

Small Print Happenings and FM Industry News

Audio streaming of radio stations could get very expensive if the U.S. Copyright Office has its way. It has ruled that stations are subject to performance fees pay-

able to record and CD companies. Broadcasters had claimed that the 1998 Digital Millennium Copyright Act didn't apply to them because of a longtime exemption from performance fees granted by Congress. The NAB is expected to fight this decision of the Copyright Office in federal court, and possibly appear as a bill in Congress.

Furthermore, broadcasters playing music on the Internet would not be allowed to publish in advance when a certain song is to be played. They could only publish the title of the song as it is being played. No more than four songs from the same artist could be played within a three-hour period, or more than three in a row. Along with the song title, the website would have to disclose the name of the artist and the album title. This might affect programmers' ability to choose music rotations at stations that stream their audio. [See also Dec. p. 8, col. 3.]

Public radio is trying to turn its downtown into a place of beauty, specifically by rehabilitating a building. It happened in St. Paul MN when Minnesota Public Radio took over a major downtown corner. Now WAMC *90.3 Albany NY's Alan Chartock wants to do the same with a former bank building. The owners, Fleet Bank, agreed to a price of \$75,000, after a lot of thought and dickering. But to renovate the defunct bank would take another \$1.3 million—money that would have to come from sources other than the station's usual fund drives. Air-conditioning and heating upgrades alone came to around \$250,000. The vision called for a 200-seat performing arts space plus studios and offices for the WAMC stations. The studios will require acoustical treatment, something considerably different from a building constructed in 1926 with bank business in mind. "Basically, every penny that we raise to run WAMC has to be used to run WAMC. We end up going into each fund drive with less than two months' operating expenses in the bank. We've never gone into a fund drive with more than that," said Chartock. Thus, the station kicked off a separate capital campaign for the bank building, with a breakfast attended by Albany Mayor Jerry Jennings and about 100 of the Capital Region's "movers and shakers." WAMC plans to begin construction next month and finish by the end of 2001. By early 2002, it hopes to offer jazz and folk concerts, as well as art exhibits, that should keep the facility humming every day of the week.

Compared to WAMC's "lean and mean" approach to budgeting is WMHT-FM *89.1 and TV-17, which has \$26.3 million in the bank. The vast majority of those assets, however, comes from the \$18.5 million sale of WMHQ channel 45 (now commercial station WEWB). But WMHT plans to shell out upwards of \$20 million for its planned relocation from Rotterdam to North Greenbush NY within a few years. Chartock is not without abilities of his own. The three WAMC fund drives each year generate \$1.8 million of the stations' \$4.4 million budget. Success in raising money like that might not be so good if listeners believed WAMC was sitting on a big pile of cash. Last fiscal year it took in \$4.45 million and spent \$4.36 million, making for a tight margin between income and expenses. By comparison WNYC-FM *93.9-AM New York took in \$17 million and spent \$16.4 million in 1999. The other six public stations in New York state, from Long Island to Buffalo, are run by universities and all showed deficits. Some of the deficits derive from book-keeping practices, such as charging the stations for use of university facilities. But with WAMC, every dollar counts, considering its "hand-to-mouth" diet. [Material from the *Albany Times-Union*—an article by Kris Worrell, Sunday, Dec. 10, and sent by Alex Nardacci.]

Bill Weisinger reports that his FM 88.9 Sunday Oldies Jukebox show on WSTB Streetsboro OH has been expanded to 25 hours on weekends—from 3 a.m. Saturday night (Sunday morning) to 4 a.m. Monday morning. And it's on the Internet at www.sundayoldies

jukebox.com, hosted by Weisinger, the station's chief engineer.

The *Wall Street Journal* had a story (Nov. 6) about the Hispanic audience and FM. The leading players in the field are Spanish Broadcasting System, Inc., Hispanic Broadcasting Corp. of Dallas, and Entravision Communications Corp. of Santa Monica CA. "The move to Spanish is particularly intense in Los Angeles, where Hispanics account for 40 percent of the population of about 6.5 million people. Since January (2000), eight FM stations in the city have switched. Los Angeles is a pot of gold at the end of the rainbow for Spanish-language radio," says Merrill Lynch & Co. analyst Keith Fawcett."

Spanish Broadcasting System made news last fall with the announcement it is buying KFSG *96.3 Los Angeles from the International Church of the Foursquare Gospel for \$250 million. "The acquisition of KFSG is an integral part of our strategy to significantly improve our competitive position in the Los Angeles market. The increased coverage provides us with a leading cluster in the largest Hispanic radio market," said Raul Alarcon, Jr., chairman and president.

Indeed, of the 40 FM stations in the area, 14 now broadcast in Spanish. The top-rated FM station in the market is Spanish-language KLVE (107.5), owned by HBC. But Spanish radio only accounts for less than 25 percent of the Los Angeles market's \$1 billion radio advertising pie, well under the Hispanic share of the population. Hispanics are being catered to on FM across the country. SBS has built a string of 27 FM stations in eight of the top nine Spanish-speaking markets, including New York, Miami and Chicago. The company is entering the Houston market and has plans to fortify its presence in Chicago and New York. The other Spanish companies are also aggressive; HBC now has 47 stations nationwide, while Entravision has built through acquisition a network of about 60 stations. These rapid moves, however, have given investors the jitters, with shares of SBS falling 75 percent off its 2000-year high, and HBC shares plunged 12 percent one day after reporting upbeat earnings, but warning of slowing growth in the fourth quarter of 2000.

BroadcastAmerica.com has filed for protection from its creditors under Chapter 11 of the U.S. bankruptcy law. It is said to be pursuing a merger. John Brier, its president, says venture capital has dried up because of the slump in the financial markets. Launched in 1998, it transmits 750 radio and 70 television stations over the Internet.

Legendary Larry Lujack (pictured) is back on the air in Chicago. He signed a one-year deal to host a three-hour weekend show on WUBT, "The Beat," 103.5. "What it finally came down to was which radio station had the cleanest rest rooms," Lujack said from his home in Santa Fe, NM. "That's how I judge radio stations!" His show is live 10 a.m. to 1 p.m. Saturdays, with a rebroadcast 10 a.m. to 1 p.m. Sundays. But he won't travel. The show will be broadcast from Santa Fe.

Lujack, 60, retired from WLS 890 AM in 1987 after 20 years "as Chicago's most popular and influential disc jockey." He also had offers from WGN 720 AM, WUSN 99.5, WJMK 104.3 and the former WSCR 1160, now on 670. Lujack says doing the weekend thing he feels a lot less pressure.

Buying up most of the stations on Minnesota's Iron Range is the Chicago-based Midwest Radio Network. Thomas L. Bookey, CEO, already owns WMFG-FM 106.3-AM, KMFG 102.9 and WTBX 93.9-AM in the Hibbing area. And WUSZ 99.9 Virginia MN will have its management taken over by MRN. Previous owner of KMFG and WMFG-AM-FM was



Sounds Unlimited of Cloquet, principally owned by Al Quarnstrom. No format changes are anticipated. "You're not going to find anything like Howard Stern on the stations," said Chris Genschow, an MRN spokesman.

"Dale Dickel of the mass media bureau (Federal Communications Commission) has forwarded your complaint regarding station KNAI ('88.3 Phoenix) to our office," writes Charles W. Kelley, chief, enforcement bureau. "You allege that the station has improperly broadcast commercial messages on the noncommercial service, in violation of Sec. 399B of the Communications Act of 1934, as amended, and pertinent Commission rules. Please be advised that in order to act on complaints of this type, we require that complainants provide the station's callsign, the date the questionable announcements took place, and an audiotape or written transcript of the questionable material. . . If the broadcast was made in Spanish, a transcript translated into English would help expedite our investigation." A listener provided me with a tape of a commercial for a restaurant, which my daughter translated; I have asked a local Phoenix person to supply further tapes.

In audio, according to *Stereophile*, the marketplace is showing a dislike toward cassette decks. Even more significant "are the falling sales of tuners, amplifiers, and CD players," compared against the rise of home theater sales and DVDs. In various countries there are differences. In Germany, for example, receiver sales are many times those of separate amplifiers, whereas in Britain the situation is reversed. In France, there is a healthy market in receiver sales.

The *Observer* (London) reported a deadline has passed for the third national commercial radio network, "which must be at least 51 percent speech-based. ITN and Planet 24, makers of Channel 4's *The Big Breakfast*, were interested, as was Classic FM, as well as "the wealthy London-based Capital Radio," which wants to go national, and LBC, "which soon loses its London licence. Other bidders might have included Associated Newspapers, Transworld Communications, Chiltern Radio and Luxembourg-based CLT. The Radio Authority has to accept the highest bid, provided the business plan of the winning applicant is approved. "A shame, as a station which put a new radio concept highest on the agenda would be most welcomed," noted the unnamed columnist.

Leading developers of digital audio broadcasting are merging. Lucent Digital Radio and USA Digital Radio announced they are combining operations. The new company will be known as iBiquity Digital Corp. The new company enjoys the backing of 15 of the nation's top 20 radio broadcasters, including Infinity, a subsidiary of Viacom, and Clear Channel Communications.

This has prompted criticism of the move. Skip Pizzi of *BE Radio* is quoted by the National Federation of Community Broadcasters as saying such a merger may be motivated by a lack of confidence in the market. It could result in DAB being "stillborn," and "without quantitative change (such as expansion of service), DAB is sure to fail. This was the lesson learned in the AM-to-FM transition. When FM was only a higher-quality simulcast of AM signals, it languished. Once FM stations were required to offer separate programming, the service became dominant. By this analysis, because IBOC (in-band, on-channel) offers a smaller qualitative improvement over FM than did FM over AM, IBOC could be an even greater non-starter than FM in its early, simulcast-only days. If the iBiquity deal mandates a simulcast-only system, it could ensure that IBOC DAB will be DOA (dead on arrival).

"Even the Eureka 147 DAB system that has been adopted outside of the U.S. has been slow to catch on. . . This is certainly due in part to the non-availability of affordable receivers, although this may change with the

recent developments of a new Eu147 receiver chipset from Philips. Nevertheless. . . DAB has remained a minor player, with fading rather than rising momentum, probably due to its inability to excite consumers with sufficient added value. . . IBOC has been a distraction for U.S. broadcasters during this critical period, and it may already be too late for broadcasters to find a delivery standard that will allow them to play a level field with emerging competitors. IBOC was a great system for radio in the late 1980s and 1990s. Today, this DAB system that was never really born has already passed its prime, and iBiquity will likely serve as its final resting place."

Sirius Satellite Radio also announced it is soon to start up, and will be available via satellite to car radios. Later, the home market may be penetrated. Initially it will offer 50 music channels without advertising and 50 talk channels, which will be advertising supported. Cost to the consumer will be \$9.95 a month for the programs via a Sirius-enabled car radio receiver. Launched from Kazakhstan, Sirius will have a footprint covering all of the continental United States. Testing is in progress, and it looks like all's ready. Coverage will be "crystal clear" coast to coast, the firm claims.

While iBiquity Digital is seen as a major source of satellite-delivered digital audio broadcasting, "this merger will pave the way for rapid development and commercial deployment of AM and FM in-band on-channel (IBOC) digital radio in the United States," according to an Internet press release.

Pontiac, meanwhile, announces that it is embracing Radio Data System (RDS) as a means of sending text to drivers. That means this country may be about to catch up with Europe, which pioneered the system that will allow Pontiac drivers and passengers to 1) view messages of up to 64 characters—anything from song titles to name of artist to station call letters and formats, sports scores and stock quotes; 2) hear emergency or weather broadcasts that can automatically interrupt the radio, CD or cassette player; 3) search for a specific format, such as rock, news or jazz, "a real benefit for drivers traveling in unfamiliar areas." Currently, some 15 percent of the nation's FM stations are said to broadcast in the RDS mode. That number is expected to grow quickly as more vehicle manufacturers offer RDS receivers in their vehicles, and as the prices of RDS encoding equipment for the station continues to drop.

American Autocast Corporation is exploring a business partnership with leading suppliers of radio programming to develop programs, code named Spike, in various local markets. It is designed to deliver the newspaper to automobiles, although other uses of the technology are envisioned. It claims to have six channels lined up in each DMA market. It will be an alternative to FM/AM broadcasting. "Spike will target hundreds of thousands of consumers in major metropolitan areas and will be deployed market by market" to consumers in cars. It will broadcast an internet file to specially-equipped cars, possibly by FM/SCS. It's a technology concept at 128 kilobytes per second ("twice the broadcast quality of FM"), with audio listenable throughout the whole metro area/ADI.

Phase II of the project will offer such features as voice recognition, coupons to automobiles, and classified ads from the newspaper with two-way communications. And Phase II will develop jazz, rock and other musical concepts. The company is seeking interactive partners in building a metropolitan infrastructure. Six files are specified: The first will be the newspaper, local and national papers, such as the *Wall Street Journal*, *New York Times*, *Washington Post*. Sports will be the second featured programming, with 2/3 national and one-third local. Then there will be investment programming, with a fourth file to be talk programming, a fifth will be a telematic navigational/weather file, and a sixth file is to be

developed, which will be entirely local. All files are to be browsable in the car with special hardware and software developed for the aftermarket arena. Music will be delivered in a format similar to MP3 and MP4 standards, according to the company's FAXed news release. It says "feasibility studies are now being conducted in various metro areas to substantiate the economic viability of the project per location." For further information, contact Roger Bannister, director of media, at 404-504-9178. I do not know any more than what I printed from their news release, and have seen nothing about this company in any of the trade publications, nor have I tried calling Mr. Bannister.

An article in *BE Radio* a while back dealt with FM antennas. Deicing is a problem for stations in many parts of the country. It can be achieved by means of heating the elements or by using a plastic radome. The radome acts as a shield to keep ice from building on the antenna surface. "In most cases, it seems that radomes provide the best answer. There is no initial installation expense or continuing expense for power."

Antenna gain is a function of how many bays or elements are in the antenna. Each additional bay narrows the beam toward the horizon. The gain for a single bay in a horizontally polarized antenna is a little less than 1. For two bays it is about 2. But with circular (v & h) polarization, the gain is halved. Thus for a four-bay CP antenna the gain is about 2, with the signal spraying out equally in the vertical and horizontal planes, explained John Battison, an engineer, writing in the magazine.

Then there's beam tilt, which can be used to direct the signal toward a population center, rather than over the city, toward the horizon. "As the radiated signal's vertical beam-width narrowed, areas near the transmitter lost service, and more of the radiated signal was wasted in the upper air. Therefore, the beam has to be tilted either electrically or mechanically to return the signal to its proper place.

"Mechanical tilting is comparatively easy. The antenna can be mounted at slightly less than 90 degrees to the horizontal plane so that the tilted beam illuminates the desired area. However, 180 degrees in the opposite direction from the now-served area, the signal is pointed toward the sky, thus less signal serves the listeners on the ground on that side. For this reason, mechanical tilting only works in unusual cases," such as if the station is on the edge of a seashore. "However, if the signal needs to be 'bent' downward all around the transmitter, the electrical method must be used. Associated with beam tilt is null fill, which is often required because vertical nulls develop as additional [antenna] bays are added. About half a degree of beam tilt is usually sufficient to take care of overshoot. This amount of beam tilt is easily produced by advancing the current phase in the upper bays and delaying it in the lower bays. During design stages, the antenna engineer determines the required degree of phase control."

Directional FM antennae are then discussed. "The first FM stations probably put their antennas on a tower or on top of a building, let the signal flow and awaited the results. It appears that not a great deal of thought was given to the effect of the antenna support unit about 20 years ago. Early FM broadcasters knew that side-mounting sometimes provided good general coverage with a few areas of spotty or poor reception. When circular polarization (vertical and horizontal—b.e.) became popular, broadcasters began to pay attention to the polar plots of vertical and horizontal radiation. Vertical and antenna plots were examined, and the often tremendous differences between the strongest signal in each polarization on the same azimuth were noticed.

"Savvy engineers took advantage of the directional effect of the tower on an omnidirectional antenna. They were able to produce an FCC-acceptable nondirectional

signal in a favorable direction through judicious antenna positioning. As FM close-spacing developed, directional antennas became a necessity. In FM, an antenna's planned directivity is developed by taking the tower into account and adding vertical and/or horizontal parasitic radiators to produce the desired pattern. The exact number of parasitic rods depends on the individual case." Everything is custom with FM directional antennas. "After the CP is granted, the manufacturer designs, builds and tests the directional FM antenna. The company then ships the antenna, which is installed and put on the air. The test results that the manufacturer supplied are filed with the application for license in the same manner as an AM DA application is filed."

Another problem with antennas and towers is zoning. Now the U.S. Supreme Court has come to the aid of broadcasters in a case from Charlotte VT. The court refused to hear a case in which Charlotte residents argued that local zoning regulations should supersede the FCC's authority over a 61-meter tower for WIZN 106.7 Vergennes-Burlington VT, Verizon cellular telephones and local emergency services. Local homeowners turned to the courts and U.S. District Court Judge William Sessions agreed with the broadcaster that only the FCC had authority. (See Nov. p. 8, col. 3 for an earlier story.)

Sound and Vision magazine (Sept., p. 20) sounds a warning to commercial radio stations. Radio will become passé if it can't attract young listeners—especially teenagers who are developing habits that can last a lifetime. Two recent market-research studies point to radio's decreasing hold on youth. The first, by Edison Media Research, found that the total time 12- to 24-year-olds spent listening was down 11 percent since 1999, while listening by 18- to 24-year-olds was down 14 percent. The reason? Too many commercials, said 75 percent of those questioned. A second study, by Empower Media-Marketing, backs up those findings. It found that radio advertising was up 6 percent last year—after climbing 13 percent the year before. Alternative-rock stations had the highest increase of ads, classical stations the only drop.

From the classifieds: Looking for older broadcasting and recording equipment. Disc and tape recorders, any tube mixers, limiters and amplifiers. Also looking for microphones, speakers and literature. Robert Van Dyke, Caffrey House, Inc., 2 Squires Ave., East Quogue NY 11942. It's a broadcast museum near Rochester NY that I visited. E-mail: rvan Dyke@optonline.net.

Antique Radio Classified is antique radio's largest-circulation magazine. It has articles, classifieds, ads for parts and services and early TV, ham equipment, books, telegraph equipment, '40s and '50s radios and more. Free 20-word ad each month. Don't miss out! 1 year sub. \$39.49 (\$57.95 by first class mail), six month trial \$19.95 from A.R.C., PO Box 802-A34, Carlisle MA 01741; www.antiqueradio.com.

Akoo.com (<http://www.akoo.com>) is an Internet entertainment network that combines a comprehensive selection of audio and video content, with proprietary technology that simplifies and automates Internet broadcasting. "We basically got hold of radio stations around the world and asked them if they would like to be listed on our site." To solve the issue of having more stations on the Internet (currently only about 35 percent are), Akoo.com has developed Kima, which is Greek for Wave. It is a \$149 device that allows users to retransmit content from Akoo's site, as well as other web sites, directly to any radio, boombox or stereo—as far as 305 meters away from the user's personal computer.

Engineers, collectors, do-it-yourselfers get on my website! It's www.spacestar.net/users/radiorew/. Have you ever seen so much stuff? I have two pole barns full, and my wife says haul it to the dump. I can't do that; some of this stuff is brand new, or nearly new. Or, it's pretty good, or it's older than the hills. Make an offer! On the air job tip sheet, said to be easy to use. Contains job listings in the broadcast industry each week. Claims to cover "all markets and all formats in the U.S. for radio, internet, syndication broadcast, voice-tracking, PDs, production, news anchors, reporters, talk show hosts," etc. Visit www.onairjobtipsheet.com.

General manager KFAI '90.3 Minneapolis MN. Should have a strong non-profit management background, experience managing people, and a sound understanding of accounting and finance. Resume and cover letter to KFAI GM Search, Box 137, 1808 Riverside Ave., Minneapolis MN 55407. EOE. Deadline for applying

Jan. 31, 2001. For more info contact Don Olson, KFAI Board President, 612-724-2976; www.kfai.org.

This page has a variety of links useful to ham radio operators, shortwave listeners and other radio hobbyists, with links to conventions, clubs and even equipment catalogs. Go to www.prepnlis.com.

FM FORUM—CONTRIBUTIONS FROM READERS

"Thank you for blurb about our station and our 'outreach' services!" writes Deborah S. Proctor, g.m., WCPE *89.7 Raleigh NC. [See it mentioned, Feb. p. 8, col. 3.] "You are helping others find out about a valuable service offered gratis, and as more and more people learn about us, they'll ask their TV service providers to add our audio service to their slate of aural services, and that will give the customers more choice."

The station's literature notes that it has a mission to make great classical music available to everyone 24 hours a day, with direct reception possible in north North Carolina, via the Internet and by satellite. Their website is www.wcpe.org. The station is 100 percent listener supported and takes no tax money or money from any school. Although licensed Raleigh, it is headquartered at Wake Forest NC. Its satellite transmissions are on the C band in clear audio, and it makes its programs available free of charge to cable companies and their customers. It offers audio streaming via the Internet.

Five years ago, Dianna and Don Stubbs were looking for a change in lifestyle. They had traveled all over the west, and came through Pagosa Springs CO one September on an "absolutely gorgeous day." Everybody seemed so positive, they started negotiations to buy KWUF-FM 106.3-AM. They closed on the stations in May, 1997 for a price of \$315,000. Then more capital, about \$100 grand, was needed to bring the studios up to par, and hire staff. Advertising sales had to be rebuilt, almost from scratch. Despite consolidation in the industry, the Stubbs are lucky that they are in a small market without competition. "That doesn't mean that they can become complaisant. They have plans to increase the power of their FM station to 50,000 watts, which will require engineering studies, approval by the FCC and of course more money for a transmitter upgrade," writes Hugh LeVrier, publisher, "The Four Corners Business Journal," in an article sent by radio enthusiast Don Voegelé, PO Box 7, Crownpoint NM 87313. Don Stubbs said they are now profitable, with the stations carrying Denver Broncos and local sports. "We may not have to compete with any other radio stations but we have to deliver what our listeners and advertisers want. We must deliver a consistently good format that's tied to our audience," said Don, "or we'll lose 'em."

Jeff Baker, who was director of engineering at LIN Broadcasting, and later got into publishing, e-mails: "I remember when you were manager at WAER (88.3) in Syracuse. I used to be both an engineer and announcer at the station." He got bored with publishing and is working on his doctorate in psychology. "I looked for your website because my son is a die-hard radio fan and loves to listen to stations from other cities. I remembered that you published the *FM Atlas* when FM was almost unlistened to. Now it is dominant. Maybe you should take credit."

Until February,

Bruce F. Elving

The FM Radio Newsletter Volume 15, No. 2—February, 2001 "Publishing Estate," 241 Anderson Road

For the broadcaster and the enlightened media consumer

Esko MN 55733-9413, USA; <http://members.aol.com/fmatlas/home.html>

A newsletter of fact and opinion about FM radio and related technologies—from the publisher of the *FM Atlas*. Published monthly (although when the annual *FM Atlas* is being prepared there may be no issue). Subscription price \$75.00 annually, single copies \$6.50. ISSN 0890-6718. Phoning? (218) 879-7676. FAX: (218) 879-8333. Copyright © 2001, FM Atlas. E-mail: FmAtlas@aol.com.

TULSA'S KCFM CHANGES CALLS, DROPS CLASSICAL. MEANWHILE DOWN EAST, A CHANGE OF CALLS BRINGS "W-BACH" TO BAR HARBOR ME. SEE THE STORIES ON P. 2.
CHICAGO'S WNIB 97.1 STUNTING. UNTIL IT STARTS REALLY PROCESSING ITS SIGNAL, IT PROVIDES EXCELLENT STEREO RECEPTION. FULL STORY ON P. 4, COL. 3.
FULL-BODIED AM SIGNAL OF KYET 1180 WILLIAMS AZ RETURNS. IT'S BEEN OFF FOR ABOUT 18 MONTHS. AND YORK NE'S KAWL IS A STATION YOU CAN BID ON AND MAYBE OWN. IS IT A DOG? SEE "SELECTED AM HAPPENINGS." BOTH STORIES ON P. 7.
RECALCITRANT PIRATE RUNS DOWN U. S. MARSHAL, KEEPS HIS STATIONS ON THE AIR IN WA. PP. 5-6.

New FM Station, Translator Grants

Translators have less than 100 watts unless shown otherwise

- AZ Sedona KWMX-2 96.7 99 watts h,v; d-a (directional antenna), booster of Williams station. [more station], 87 watts v
- CA Fremont KKIQ-5 101.7 (booster of Liver-/ CA Palm Springs K209AK *89.7 (KSGN 89.7 Riverside translator), h. Didn't delete; see, for example, the 13th edition *FM Atlas*.
- CA San Clemente KWVE-1 107.9 100 v, d-a, relay of San Clemente station.
- CA Sonoma *91.3 6000 v, -126 m, Children's Cross-Cultural Communica. Foundation
- CA Sunol KKIQ-5 101.7 (booster), 10 w v
- CA Victorville K205BH *88.9 (KSGN), h. See also 13th edition *FM Atlas*.
- CO Alamosa K208EG *89.5 (WJFM 88.5 Baton Rouge LA), 100 watts h,v (horizontal and vertical effective radiated powers).
- CO Montrose KRYD-1 104.9 1900 h,v; d-a (directional antenna), granted despite a petition to deny (booster of Telluride station)
- CO Silver Cliff K215DA *90.9 (KTLF 90.5 Colorado Springs), 250 watts h,v
- CO Sterling K206DA *89.1 (WJFM), h,v
- FL Tampa WR2XVN 94.5—an experimental station granted to Global Radio, Inc. Parameters not announced; not to be listed in the *FM Atlas*.
- HI Honokaa KLEO-1 106.1 140 h,v; d-a, relay of Kahalu'u station. Remove dot, p. 104 SE Paauiio, *FM Atlas*-18, p. 104.
- IN Hamburg (north of Louisville KY) W216BW *91.1 (KAWZ 89.9 Twin Falls ID), h,v. A petition to deny was denied.
- IN Versailles WKRY *88.1 600 watts v[ertical] only, 71 m, Good Shepherd Radio, Inc.
- IA Bloomfield K212DU *90.1 (WJFM), 100 h,v/
- KS Hays K201HH *88.1 (WJFM), 250 h,v *91.7 1250 h,v; 75 m, Kanza Society, Inc.
- LA Oakdale K206CZ *89.1 (WJFM), h,v
- MN Fergus Falls KCMF *89.7 2000 h,v; 69 m, \$, c, MN Public Radio. See also "Deletions," below. KNWF *91.5 there to be nt, monophonic.
- MS Gulfport 101.3 6000 h,v; 100 m, George S. Flinn, Jr.—in a settlement agreement.
- MT Dillon K212DT *90.3 (KYCM 103.1 Helena), 120 v. It held a construction permit as K215DI *90.9, which was replaced by the new KDWG 90.9 there, and had applied for 90.1.
- NY New York WFUV-1 *90.7 930 h,v booster of WFUV 90.7, whose tower is in Bronx. Exact location of WFUV-1 not announced.
- ND Devils Lake K201HG *88.1 (WJFM), h,v
- ND Dickinson K215DY *90.9 (WJFM), 250 h,v
- OH Cumminsville (transmitter just west of downtown Cincinnati) W217BI *91.3 (KAWZ), h,v. A petition to deny was denied.
- TX Huntsville K216FL *91.7 (WPCS 89.5 Pensacola FL), v
- VT Ludlow W220AX *91.9 (WFTF 90.5 Rutland), v
- WA Spokane KKRS-1 *97.3 50 v, d-a, booster of Davenport WA station.
- WI Odanah *91.9 12000 h,v; 100 m, Lac Court Oreilles Ojibway Public Broadcasting (same owner as WOJB 88.9 Reserve [Hayward] WI).
- PR Mayaguez-Aguadilla WIDI-1 99.5 250 h,v (booster of Quebradillas station), 250 h,v. WUKQ-FM 99.1 Mayaguez seeks 98.5.
- AB Jossard (55-20-00; 155-54-00) 91.7 1300 h,v; 80 m, d-a, ownership not given.
- AB Peigan/Blood River Reserve (SW Lethbridge) 89.3 2300 h, 273 m, d-a, Class B. Aboriginal Multi-Media Society of Alberta. [1170 AM
- AB Red Deer CKGY 95.5 100000, moving from/ BC Campbell River CFYI 93.1 50 v, 47 m, mono, TISation, Catherine Wagg.
- BC Good Hope Indian Reserve 98.1 10 v, 10 m, relay of CHON 98.1 Whitehorse YT.
- BC Granisle VF2004 101.1 6 watts v, 25 m, relay of CFMI 101.1 New Westminster.
- BC Lilloet CHLS 100.5 2 watts h, -370 m, d-a, to be mostly English, but with seven hours a week of St'almc, the local aboriginal language. It will also provide emergency announcements for the area. Licensed to the nonprofit Radio Lilloet Society, but noncommercial status not known.
- BC New Westminster 89.7 4 watts v, 18 m, Ken Winslade, Corp. of the City of New Westminster
- MB Gladstone (50-13-00; 98-57-00) *101.5 1 watt v, 40 m, TIS, G. Area Develop. Corp.
- NF Lewisporte 93.1 5 watts h,v; Todd Foss
- ON Iroquois Falls *102.7 CHIM-, \$, 2 watts v, 7 m, relay of 102.3 Timmins ON. [from 580 AM ON Kapuskasing CKAP 100.9 12000 h,v; moving/ ON Kirkland Lake *99.1 CHIM-, \$, 2 watts v, 28 m ON Lafontaine CFRH-1 101.9 10 v, 15 m, mono. This grant is resurrected, apparently a needed relay of CFRH 88.1 Penetanguishene ON.
- ON New Liskeard *103.5 CHIM-, \$, 1 watt v, 52 m
- ON Sault Ste. Marie *97.3 CHIM-, \$, 50 watts v, 56 m. this and preceding CHIM stations to be owned by Celestial Sound.
- ON Thunder Bay CITB 97.1 1 watt v, 70 m, \$(tereo), TISation, Ontario Ltd. Superior Info Radio. [Bctsg. Group, to be r, CHR
- ON Timmins 93.1 3600 h,v; Halifaxton/ PQ Inukjuak (58-27-22; 78-06-15) CINY 97.9 10 v, 12 m, mono, Naturalit Youth Committee, Inc.
- PQ La Martre CJMC-1 103.1 15 h, 46 m, d-a, R.du Golfe, Inc. Mono. See Les Mechins, below.
- PQ L'Assomption VF8017 *104.9 1 watt v, 7 m, g, noncommercial, Fabrique de la Paroisse L'Assomption-de-la-Ste-Vierge.
- PQ Les Mechins (NE Matane) CJMC-13 103.1, \$(tereo), 30 watts h, -19 m, to relay CJMC 100.3 Ste-Anne-des-Monte.
- PQ Ouje-Bougoumou (just SW Chibougamou) 91.1 50 v, 35 m, owner not revealed
- PQ Waskaganish CJRH 92.5 7100 h, 72 m, \$, Class B, W. Eeyou Telecom. Assn.
- SK Estevan 92.3 48 watts v, 4 m, \$, Corey Arthur Lascelle, a TISation
- SK Ile-a-la-Crosse VF2349 97.5 \$, 50 v, 34 m, I-a-I-C Communications Society
- SK Meadow Lake 89.9 37 v, 43 m, a relay of CJLR 89.9 La Ronge
- SK Moose Jaw 95.9 46 watts v, 15 m, \$, TIS
- SK North Battleford 92.3 45 v, -38 m, \$, TIS
- SK Regina 91.3 480 h,v; Radius Communications
- SK Saskatoon *91.7 TISation, \$, 49 v, 51m, S. Visitor & Convention Bureau, Inc.
- SK Swift Current 99.5 48 v, -4 m, \$, TIS
- SK Weyburn 99.5 48 v, 4 m, mono, TIS

NT Akavik 90.5 10 v, 10 m, a relay of CHON
98.1 Whitehorse YT
NU Sanikiluaq *105.1 8 watts h,v; -4 m, CBC English, mono. Town shown on map p. 103, *FM Atlas-13*.

Call Letters Assigned

AL Brewton *90.9 WELJ (from WPHG-FM), g, southern gospel, \$. Returns to the air.
AL Killen *90.5 WNAL
AZ Buckeye 106.9 KDVA (KMJK)
AZ Dolan Springs (move from Bullhead City) 105.7 (from 105.5 and previously 102.7) KBYE (KFLG-FM), facilities to 98000 h,v; 605 m. Transmitter west of Boulder City NV. Temporarily off the air while it upgrades to serve Las Vegas. These changes will also involve KRCY 105.9C1 Kingman City AZ moving to 92.7C1, KJJJ 92.7C2 Lake Havasu City AZ moving to 102.3C2, and KDUQ 105.7A Ludlow CA going to 102.5A.
AZ Green Valley 97.1 KCEE (KGMS), m format
AZ Kingman 94.7 KFLG-FM (KZZZ-FM), k; facilities to 17000 h,v; 571 m, d-a, "K-Flag"
AR Hope 101.7 KTXO (KXAR-FM), o[ldies] format
AR Osceola 107.3 KQDD (KOSE-FM), r, "rock."
CA Anaheim 95.9 KFSH (KXMX-FM), still "The Fish." Salem paid KFSH AM 1240 Seward AK \$10,000 for the hyphenated use of its call letters.
CA Garden Grove 94.3 KMXN-FM (KMXN); AM is in Garden Grove
CA Hollister *90.7 KHRI
CA King City *91.3 KDRH (KBAP), \$, gr, "K-Love"
CA Santa Cruz *90.7 KJOL (KLSN), \$, gr, "K-Love"
CA South Lake Tahoe 102.9 KNVQ (KZZF), "Q-102"
CO Delta *103.3 KVOD-FM (KPRU)
CO Denver *90.1 KVOD (KCFR), all c. its news and information programming move to KCFR (formerly KKYD) *1340, which is being bought by Public Broadcasting of Colorado, along with KUNC *91.5 Greeley. CPB is paying \$1.9 million for KUNC. See CO Greeley, under "Formats," below. The KVOD calls have previously been on four commercial frequencies (630, 1280, 1340, 99.5). [K-Love]
CO Glenwood Springs *91.9 KLXV (KDRH), \$, gr./
CO Grand Junction *90.3 KLFV (KJOL), \$, gr, "K-Love" [K-Love]
CO Morrison-Denver *91.1 KLDV (KWBI), \$, gr./
DE Selbyville 98.1 (from 97.9) WOCM (WSBL), rp, "adult alternative" by March, facilities to 6000 h,v (100 m).
FL Cypress Quarters *90.5 WTSE
FL Newberry 100.5 WHHZ (WRKG)
GA College Park 100.5 WWWQ (WHMA-FM), rs, "100.5 Hot Hits Q 100," stereo. ID with Atlanta, where its transmitter is. Was stunting, and sounded "very European, like a German techno station. I love it [as it's] playing a remix of pop music." WHMA-FM was still in Anniston AL, giving its legal ID, until going off the air and coming on with a new facility in mid-town Atlanta half an hour later. It's the same format as on Athens' WBTS, "95-5 The Beat." WBTS responded to the Q-100 challenge with a full-page ad in the *Atlanta Journal Constitution*.
HI Honolulu 93.9 KIKI-FM (KIKI-FM; AM has new calls).
HI Waipahu 102.7 KDDB



(KKBK), still "Da Bomb"
ID Idaho Falls 105.5 KPLV (KOSZ-FM), o, "Live 105"; 107.1 KOSZ
IL Aurora 95.9 WERV-FM (WKKD-FM), op, "95-9 The River." Had been stunting.
IL Chicago 93.1 WXRT (WXRT-FM); AM 1160 temporarily relaying WYLL 106.7 Des Plaines 94.7 WZNN (WXCD), "The Zone"
103.5 WKSC-FM (WUBT), r, "Kiss 103.5"; AM's in Kershaw SC. Top 40 and '80s oldies. Said to have dropped Larry Lujack (see January, p. 7, cols. 1-2).
IL Des Plaines 106.7 WYLL-FM (WYLL), to be gr. AM 1160 now WYLL (from WXRT AM). [94.9"
IL Mount Carmel 94.9 WKRI (WTRI-FM), "K Rock/
IL Zion 96.9 WTNX (WNIZ), rp, parallel to WTMX 101.9 Skokie. Robert Feder of the *Chicago Sun Times* said the format change is permanent. It had simulcast the former WNIB 97.1 Chicago with classical. WTMX-WTNX give a joint ID.
IN Petersburg 102.3 WBTO-FM (WFPC); AM is in Linton IN. [r, CHR, "98.9 Kiss FM"
IN Salem-Louisville KY 98.9 WZKF (WZTR), still/
KS Haysville 105.3 KFBZ (KWCV), "The Buzz"
KY Louisville 103.9 WPTI (WPTK), "103-9 The Point" ["Double X 106.1"
KY Morehead 106.1 WQXX (WMOR-FM), m./
LA Hammond-Baton Rouge 103.3 WBBE (WCAC);
ME Bar Harbor 107.7 WBQI (WMDI), c, "W-Bach," to be parallel to WBQX 106.9 Thomaston, and other "W-Bach" stations in Maine. It has stopped carrying local sports, but that format could go to WNSX 97.7 Winter Harbor ME. This comes about as Maine Public Broadcasting diminishes the amount of classical it provides.
MA Greenfield 95.3 WPVQ (WRSI), k, "The Bear" 98.3 WHAI-FM (WHAIFM; AM has new calls)
MA Newburyport *91.7 WNEF
MA Turners Falls 93.9 WRSI (WPVQ), ke, "The River," affects translators on 97.1 (Amherst) and 105.3 (South Hadley).
MS Grenada 92.3 WGRG
MS Waynesboro *89.7 WKVV
MO High Point *89.9 KMCV (KBMF)
MO Lexington 107.3 KMJK (KNRX), no "K-107"
MO Owensville 95.3 KXMO-FM (KBDQ)
MO Springfield *90.1 KSCV (KAKU)
MT Lolo *97.5 KTWD (KQWK)
NE Crete 104.1 KSLI-FM (KKNB), "Kiss FM," AM is in Abilene TX. ["94-1 Maximum Country"
NE Omaha 94.1 KMXM (KSSO); ["Oldies 106.5"
NH Farmington 106.5 WMEX (WZEN), o./
NM Grants 92.7 KDSK (KAIU) ["Hot 103"
NM Las Cruces 103.1 KHQT (KXDA), r, CHR./
NM Los Alamos 106.7 KKPL (KBOM), pr, "The Planet" 107.5 KQBA (KEFE), S, I, "Que Buena," owned with KABG 99.5 Albuquerque
NM Santa Fe 94.7 KBOM (KZXA), o[ldies]
NM Truth or Consequences 98.7 KKVS (KSNM-FM), r, AC and oldies, "Vista 98." [106.9"
NY Auburn 106.9 WPHR (WHCD), still "Power/
NY Corinth 93.5 WHTR (WZZM-FM)
NY Ellenville 99.3 WFKP (WTHN), r, "96.1 and 99.3 Kiss FM." The "move was so unpopular even the town mayor wants it turned off."
NY Hudson Falls 107.1 WFFG-FM (WHTR); AM is in Marathon FL.
NY Norwood 96.1 WYSI (WAZV)
NY Phoenix 102.1 WZUN (WRDS), "Sunny 102"

NY Poughkeepsie 96.1 WPKF (WCTJ), r, "96.1 and 99.3 Kiss FM," taking over Ellenville programming
NC Eden 94.5 WWCC (WHSI), "Country 94.5" [94"
NC Lexington 94.1 WTHZ (WWGL), o, '80s, "Hits/
NC High Point 100.3 WUBZ (WXRA), "The Buzzard" [Hop"
NC Moyock 92.1 WBHH (WSVV), s, "Blazin' Hip/
NC Raleigh 102.9 WWMY (WWND), o, '80s, ID with Durham. [AM is in St. Marys WV.
OH McConnellsville 100.9 WJAW-FM (WJAW);/
OH North Kingsville 107.5 WCUZ (WPHR)
OK Okmulgee 94.1 KTSO (KCFM), mr, "Tulsa's Soft Oldies." It might inspire KWGS *89.5 there to resume some classical programming. Street Journal estimates the number of commercial classical music stations nationally at 35 (not counting Bar Harbor ME, noted above). "Even though KCFM provided Tulsa with second-rate classical music (via syndication), it was the only fulltime classical music station in the area and we are left with a radio dial full of various forms of rock and country. The quality of a city can be measured by its music. Perhaps another station will step forward in the future to fill the classical void," wrote Greg Moore in a letter to the *Tulsa World*. "We gave it four years, put our life's blood into it and ended up discovering that we were reaching only two percent of the Tulsa market." John Rogers, g.m.
OK Wilburton 103.7 KESC [106-5"
PA Bloomsburg 106.5 WFYY (WHLM), still "Flyte/
PA Du Bois 102.1 WMOU-FM (WOWQ), "Moo 102." AM is in Berlin NH.
PA Milton 100.9 WVLY-FM (WVLY); facilities to 1300 h,v; 218 m.
PA Trout Run *90.1 WCIT
TN Germantown 94.1 WMBZ (WOGY), r, "94-1 The Buzz" [AM has new calls)
TN Lenoir City 93.5 WKZX-FM (WKZX-FM;/
TN New Johnsonville *89.7 WAYW (WHYQ)
TX Floydada 95.3 KFLP-FM (KFLI) [End"
TX Georgetown-Austin 107.7 KTNU (KAHK), "The/
TX Houston 94.5 KTBB-FM (KTBB); AM is in Tulsa OK (1430, formerly KQLL) [AM has new calls)
TX Huntsville 101.7 KSAM-FM (KSAM-FM;/
TX Llano 106.5 KEXX [to January), k(ountry)
TX Port Lavaca 93.3 KRNK (KVIC; was KPLV up/
TX Victoria 95.1 KVIC (KRNK), r, hot AC
TX West Odessa *88.7 KWBI (KWRI)
UT Levan 99.1 KCFM (KBLN)
UT Richfield 97.5 KMGR (KACE), mr, \$[tereo]. Seeks 66000 h,v; 695 m.
UT Salt Lake City 93.3 KUBL-FM (KUBL)
VT White River Junction 95.3 WRSY (WWSH), ke, "The River," parallel to WRSI 93.9 Turners Falls MA. Nearby WSSH 101.5 Marlboro VT is listed by the FCC as silent. [Jan. p. 2, col. 2).
WA Eatonville 104.9 KFNN (not KFNY, as shown/
WA Ilwaco 103.9 KVKS (KAQX), \$[tereo), k(ountry)
WA Long Beach 94.3 KAQX (KKEE), r, CHR, "Q 94.3." Its oldies format moves to 1230 AM.
WA Seattle 95.7 KBTB (KMBX), no "95.7" nonID
WV Huntington 100.5 WKEE-FM (WKEE-FM; AM has new calls) [AM is in Fort Campbell KY)
WI Menomonee Falls 98.3 WJMR-FM (WJMR;/
WI Nekeosa 93.9 WZRK (WXEC)
WI Wautoma 102.3 WAUH, to 110 h,v; -5 m
AB Banff 94.3 CHRK-1 (CKIS-1)

AB Calgary 96.9 CHRK (CKIS), "Rock 97"
 AB Lethbridge 97.1 CJTS, to 60 m (50 watts), v only, \$(tereo). On the air.
 *100.1 CBRL (CBRX)
 106.7 CJRX (CJOC), 183 m (100000 h,v), \$
 AB Wetaskiwin 93.5 CIHS, 50 m (50 watts), v only, to be \$(tereo)
 BC Abbotsford 92.5 CKVX-2 (back to, from CKVX-1)
 BC Chase *95.5 CBUH, on air, mono, taking the calls of the AM it replaces, although it is a re-layer of CBTk 88.9 Kelowna. To 135 m (87 h, d-a)
 BC Granisle 99.9 VF2350, 100.5 VF2351, 101.9 VF2352
 BC Invermere 97.3 CHRK-3 (from CKTS-3)
 BC Nelson 93.5 CJLY
 BC Prince Rupert 100.7 CIAJ, to -84 m (26 w. h)
 BC Sooke 94.7 CKKQ-1 (not "CKXM-FM1")
 BC Vancouver 104.9 CKVX-1 (back to, from CKVX-2)
 BC Whistler 96.9 CKKS-1, to 590 h, -306 m, d-a, Class A, \$(tereo)
 NB Moncton 96.9 CJXL, 99.9 CHOY, 100.9 CKOE (VF8017)
 NF Corner Brook *91.1 CBN-FM2, \$, 141 m, 3000 h, to relay CBN-FM *106.9 St. John's.
 ON Barrie 107.5 CKMB, heard testing. To be 17000 h,v; 265 m (d-a).
 ON Belleville 100.1 CHCQ. May go country as "Q-100." Its target date has been delayed several times. [The Point]
 ON Brockville 103.7 CJPT (CHXL), r, top 40./
 ON Hearst 92.9 CHYK-FM3, listed as mono, although CHYK-FM 104.1 Timmins is \$(tereo)
 ON Kingston 105.7 CIKR, heard testing. Expected to be r, "K-Rock." Nearby is little "CKWE" 105.9 Tyendinaga ON, an Indian station. It is on an unprotected frequency, and may have to change. It supposedly wants more power anyway. [parallel to CJTK *95.5 Sudbury
 ON North Bay *89.5 CJTK-1, gr. Noncommercial./
 ON Thunder Bay 99.9 CJUK; 150 h,v; 60 m (d-a)
 ON Toronto 93.5 CFXJ, which has been testing.
 PQ La Baie *93.7 CBJ-6, to be 44 m, d-a (9 watts), v only. Listed (mistakenly, I believe) as stereo.
 CBJ 93.7 Chicoutimi is monophonic.
 PQ Lac Megantic 106.7 CJIT (CKFL), \$, 1900 h,v; 118 m, d-a, m (French), replacing CKFL 1400 AM.
 PQ Rimouski *89.1 CJBR (CBCF), has SCMO.
 CBCF is *101.5 Fort Hope ON.
 *101.5 CBRX (CJBR) \$(tereo)
 SK Saskatoon 98.3 CJRK, to 162 m (100000 h,v),/

Facilities Changes Granted

AL Birmingham WYSF 94.5 309 m (100000 h,v)
 AL Dadeville WZLM 97.3 2750 h,v; 147 m
 AL Evergreen WPGG 93.3 299 m (100000 h,v)
 AL Mountain Brook W272AW 102.3 (from WDXB-1 102.5), 250 h,v, but an unofficial source says it is deleting, turning in its license to the FCC. For now, list it as "off the air." [Class A.
 AL Oxford WVOK 97.9 510 h,v; 338 m, still/
 AL Pine Hill WKXK 96.7 30000 h,v; 194 m, C2
 AL Selma WAQU *91.1 21500 h,v; 102 m, C3
 AL Talladega WSSY-FM 97.5 2000 h,v (175 m)
 AK Anchorage KRUA *88.1 150 h,v; 254 m
 AK Houston KRPM 96.3 270 m (10000 h,v)
 AR Hatfield KBII 104.1 26000 h,v; 92 m
 AR Mena KBIJ 105.3 25000 h,v; 92 m
 CA Barstow K205EE *88.9 (from K206CB 89.1), h,v It was not on 91.1, per FM Atlas map, p. 99.
 CA Fresno KMGV 97.9 2100 h,v (611 m) + beam tilt

CA Johnstonville K201FS *88.1 to 250 h,v
 CA Randsburg KGMB *89.7 2000 h,v; 387 m
 CA Templeton (new) 100.5 1350 h,v; 110 m
 CO Montrose K213CK *90.5 to 240 h,v
 CO Westcliffe K203AT *88.5 power to 240 h,v. It's at a slightly different site from the new K215DA *90.9 Silver Cliff (see "New," above).
 DE Dover W292CF *106.3 has temporarily had WEJM 95.7 Philadelphia (from WXPZ 101.3 Milford DE), but ownership is being transferred to WXHL *89.1 Christiana DE, which it will be relaying. And WXHL confirms it is to be on the new W211BR *90.1 Clear Brook VA, owned by Priority Radio, Inc. See last month, p. 1, col. 1.
 FL Blountstown WPHK 102.7 13000 h,v; 97 m, C3
 FL Marco WGUF 98.9 6000 h,v (100 m) [+ beam tilt
 FL Tavares WXXL 106.7 26000 h,v; 483 m, C1/
 GA Athens WMSL *88.9 91 m, d-a (20000 h,v)
 GA Macon WDEN-FM 99.1 177 m (100000 h,v), r, CHR, still IDing with Warner Robins.
 99.1 WPEZ 107.9 55000 h,v; 383 m
 GA Marietta WKHX 101.5 99000 h,v (300 m), still classed by the FCC as a Class C station.
 ID Boise KQFC 97.9 48000 h,v; 828 m
 ID Caldwell KBXL 94.1 39000 h,v; ;803 m
 IL Centerville WXL 95.1 17600 h,v; 119 m
 IN Chesterton WAJW *89.5 23000 h,v; 57 m, d-a, transmitter Michigan City IN.
 KS Ingalls KBGU 96.3 213 m (100000 h,v)
 KS Wichita KEYN 103.7 94000 h,v; 307 m
 KY Campbellsville WAPD *91.7 86 m (330 h,v)
 KY Louisville WULV 102.3 6000 h,v (87 m)
 LA New Iberia KOOJ 93.7 100000 h,v; 296 m
 ME Harpswell WYFP *91.9 74 m, d-a, (6000) v only
 MA Amherst WMUA *91.1 450 h,v; 39 m
 MI Cadillac WKJF-FM 92.9 72000 h,v; 278 m
 MI Carrollton WTCF 100.5 6000 h,v (100 m), d-a
 MI Saginaw WGER 106.3 4400 h,v (116 m), d-a
 MS Jackson WDBT 95.5 524 m (100000 h,v)
 MS Sardis (new) 6000 h,v; 68 m, d-a. CP now owned by George S. Flinn, Jr.
 MO Garden City KGAR 105.1 86000 h,v; 301 m
 MO Gordonville KCGQ 99.3 109 m (3000 h,v)
 NE Kimball KBFZ 100.1 100 m (6000 h,v)
 NE Lincoln KIBZ 106.3 100000 h,v; 228 m, C1
 NV Beatty KNVR 100.1 (from 100.3) 100000 h,v; 460 m, Class C
 NH Laconia WLNH 98.3 15500 h,v; 124 m, d-a, C3
 NJ Ocean Acres WBBO 98.5 3000 h,v; 142 m, d-a
 NM Clovis KKYC 102.3 100000 h,v; 148 m, C1
 NM Raton KRTN-FM 93.7 26000 h,v; 441 m
 NM Red River KRDR *90.1 3200 h,v; 219 m, C3
 NY Center Moriches WLVG 96.1 2650 h,v; 152 m, d-a
 NY Greece WGMC *90.1 15000 h,v; 42 m, B1, d-a
 NY Johnson City WLTB 101.7 1250 h,v; 213 m
 NY Seneca Falls WLLW 99.3 5000 h,v; 109 m
 NC Ahsoskie WBKU *91.7 131 m (50000 h,v)
 NC Lumberton WFNC-FM 102.3 6000 h,v (82 m)
 ND Grand Forks K285BG 104.9 to 250 h,v
 OH Englewood WDKF 94.5 3000 h,v; 130 m
 OH Wilberforce WCSU *88.9 350 v, 92 m, loses h
 OK Clinton KQMX 95.5 25000 h,v; 213 m, C2
 OR Depoe Bay KDEP 105.5 3600 h,v; 269 m
 OR Tillamook KJUN 104.1 1650 h,v; 386 m, C3
 PA Philadelphia WPEB *88.1 15 m, d-a (1 watt h,v)
 PA Pittsburgh WJJJ 104.7 13000 h,v; 252 m
 SC Kiawah Island (Charleston, move from Moncks Corner) WCOO 105.5 (from 105.3) 50000 h,v; 133 m, C2

SD Sioux Falls KKLS-FM 104.7 299 m (100000 h,v)
 TN Bulls Gap WBGQ 100.7 330 h,v; 384 m
 TN Savannah WAZD *88.1 380 h,v (39 m)
 TX Amarillo KXRI *91.9 3950 h,v; 140 m
 TX Bonham KFYZ 98.3 13000 h,v; 83 m
 TX Campbell (move from McKinney) KRVA-FM 107.1 (from 106.9) 3600 h,v; 129 m, Class A
 TX Camp Wood KAYG 99.1 960 h,v; 69 m
 TX Dallas KYNG 105.3 99300 h,v; 543 m, still monophonic talk and adding Howard Stern.
 TX Jasper KWYX 102.7 50000 h,v; 150 m, d-a
 TX Mineral Wells KYXS 95.9 80000 h,v; 329 m, C1
 TX Paris KHCP *89.3 21000 h,v; 108 m
 TX Robinson (move from Corsicana) KDXX-FM 107.9 6000 h,v; 100 m, Class A, serving Waco.
 TX San Antonio KRTU *91.7 8900 h,v; 36 m, adds v, now Class C3
 TX Seymour KSEY-FM 93.9 (from 94.3) 50000 h,v; 150 m. "The end of the world may be near—KSEY-FM has moved to 93.9. I believe the FM table of assignments change and original CP to go from 94.3A to 93.9C2 occurred somewhere along the lines of 12 years ago—around 1989, if I recall. Poking around the FCC, I can find a 1990 record granting an extension to construct the CP. This has to be a record in getting a station upgraded. KSEY-FM was carrying a talk format. The new C2 facilities don't really get it a lot of population, as that part of Texas is not heavily populated—Wichita Falls may get somewhat of a signal, as the tower is [80 km] SW of it," C.K., Plano TX.
 TX Tulla KGLD 104.9 298 m (100000 h,v), C1
 TX Victoria KXBJ *89.3 17000 h,v; 100 m
 TX Wichita Falls KTLT 106.3 33000 h,v; 183 m, C2
 UT Logan KBLQ 92.9 100000 h,v; 63 m, C1
 UT Ogden (move from Riverdale) KFVR-2 107.9 6000 v, d-a [250 h,v]
 UT St. George K252DK 98.3 (from K255AE 98.9)/
 VT Rutland WJEN 94.5 140 h,v; 399 m, Class A
 VA Abingdon WABN-FM 92.7 1600 h,v; 191 m
 VA Mount Jackson WSIG 96.7 (from 96.9) 5300 h,v; 217 m [96.7, because of Mount Jackson]
 VA Orange WJMA 98.9 (from/ [104.3, v
 WA Chehalis (move from Centralia) K282AB/
 WA Tacoma KPLU *88.5 55000 h,v (714 m), d-a + beam tilt [153 m]
 WV New Martinsville WETZ-FM 103.9 2500 h,v;/
 WY Gillette (new) 104.9 (from 97.7)
 WY Laramie KIMX 105.5 25000 h,v; 214 m, C2
 AB Bushe River VF2177 89.9 no d-a (directional antenna) [h,v; adds vertical]
 AB Canmore CJMT-FM 106.5 -468 m, d-a (510/
 AB Lethbridge CFRV 107.7 183 m (100000 h,v)
 BC Burnaby *88.1 (new) 20 m (50 h)
 BC Hope CKGO 100.5 -566 m (160 h,v)
 BC Kelowna CILK 101.5 10300 h, 456 m
 BC Port Hardy CBUY *95.5 110 h (94 m, d-a)
 BC Smithers CKEW *88.1 10 h (192 m, d-a)
 BC Sooke CKXM-1 97.1 d-a (directional antenna)
 MB Winnipeg CITI 92.1 238 m (210000 h,v; d-a)
 NB Edmundston CBAF-4 *100.3 21000 h (217 m)
 NB Fredericton CJPN 90.5 67 m (1500 h,v)
 NF Port-au-Port CBAF-16 *94.3 350 h,v (1000 h,v)
 NF Gander CKXD 98.7 4800 h,v; d-a (100 m)
 NS Liverpool CKBW-1 94.5 88 m (8700 h,v)
 ON Candy Mountain CJOA- *93.1 228 m, v only (4 watts), \$(tereo)
 ON Hamilton CFMU 93.3 250 h,v; 42 m, no d-a

ON Kitchener CHYM 96.7 100000 h,v; no d-a (213 m) [273 m (150000 h,v), no d-a
 ON London CFPL-FM 95.9/ [m], Class A1
 ON Niagara-on-the-Lake CHQI 90.7 51 v (14/
 ON Orangeville CIDC 103.5 100 m (30700 h,v)
 ON Oshawa CKGE 94.9 148 m (50000 h,v); now sr, "Energy Radio" (from "Magic @ 94.9"). It joins CHAY 93.1 Barrie, CFHK 103.1 St. Thomas-London, and CING 107.9 Burlington, roughly circling Toronto, with that format.
 PQ Quebec CKIA 88.3 (from 96.1)/ 350 h,v (189 m) [m (d-a)
 PQ Harrington Harbour CBMU *95.5 150 h,v; 80/
 PQ Montreal CBME *88.5 drops vertical (11500 h, 242 m, d-a) [90.5 adds d-a
 PQ Mont-Wright VF2216/ [64000 h,v, Class B.
 PQ Rimouski CKMN 96.5 6400 h,v (396 m), not/
 PQ Tete-a-la-Baleine CBSI-16 *103.5 adds vertical
 SK Carrot River VF2212 101.1 (from 88.1) 15 watts h,v (40 m)
 SK Regina CFWF 104.9 108 m (100000 h,v)
 NU Kuugaaruq (town name change from Pelly Bay)—affects CFPB *107.1
 YT Dawson VF2049 90.5 no d-a

Stereo—Or to be Stereo

CA Stockton KSTN-FM 107.3, plus having no 41 kHz SCS. "KSTN-FM does transmit the CD Spanish music which originates from our studio in stereo. However, quite a bit of programming during the day does not originate from our studio, usually the paid programming. We have many programs that are sent in on cassette (the machine is mono'ed out) and some comes in on CD. Usually those programs are voice only, which is mono. Also, on the weekends, a lot of the Portuguese and other programming is delivered to the station over a mono microwave link. . . The station is stereo. An amount of the programming is not," Paul Shinn, chief engineer.
 CA Temecula KRTM 103.3. Bill Hull, president, e-mails that it has a "good signal into San Diego and North County, to the Coast and below Oceanside, [and] to the north into Beaumont, Banning, Cherry Valley, Oak Glen, Yucaipa, etc. So we cover a good pattern from Temecula." Simulcast with KWPR 96.1, m, San Jacinto, except for the Ids. "We are working on a KFXM separate format soon," but another source said the station's for sale.
 IL Genoa WOXM 106.3, m, ABC standards, along with WSQR 1560 Sycamore IL. [Network
 LA De Ridder KBAN *91.1, g, American Family/
 MN Cambridge KZNT 105.3 still stereo, but "out of phase for a few months," compared to Zone 105 stations on 105.1 and 105.7.
 NE Beatrice KQIQ *88.3, ks plus variety. "Frequent calls"; nary a nonID.
 NY New York WNEW 102.7, tr. "I listened with headphones. It's true stereo. They have rock on the weekends in stereo." Otherwise, it's monophonic talk. In addition, WNEW runs some paid programs on weekends and is adding "Game Show Radio" 8 to 10 p.m. Vin Scelsa had a regular program that started at 10 p.m. Sundays, which was said to be WNEW's "last link to the olden



was said to be WNEW's "last link to the olden

days." Scelsa (pictured), now 53, began on radio in the '60s during the free-form era, with his WNEW contract to have run through 2001. Up until recently, CBS said it considers him a "valuable member of our team." But the last program of his *Idiot's Delight* ended at 3:25 a.m. New Year's Day. He was a pioneer of "free-form radio," and he co-founded WFMU *91.1 East Orange NJ in 1967. He "continues to support that unruly noncommercial station as a board member." He was at WNEW-FM from 1973 to 1982 and returned in 1996 after an 11-year stay on WXRK 92.3 New York. The parting of the ways from WNEW was said to be amicable. WNEW, for the most part, is an aggressive "shock-talk" format station, "featuring brash and sometimes foul-mouthed DJs. It broadcasts only one other music program, a heavy metal show on Saturday nights." Scelsa states his departure is the result of consolidation in the industry, creating a limited tolerance for diversity in programming. "Radio has abrogated its responsibility to turn people on to music and educate people about music," he bemoaned. The *New York Times* called his program in a headline: "A far cry from shock-talk: a host sought to educate." Another former WNEW personality is Pete Fornatale, 55, who worked at various area stations for several years, until dismissed by WNEW-FM in 1998, "two years after being fired by K-Rock." His *Mixed Bag* show moves to WFUV *90.7 for three hours on Saturdays. The first show saw the final half-hour pre-empted by Fordham basketball, but he didn't mind, thankful for the broadcast exposure.



OK Idabel KXRT *90.9, g, taken over by American Family Radio. [Radio
 TX Crockett KCKT *88.5, g, American Family/
 WY Gillette KLWD *91.9, g, programmed from KAWZ 89.9 Twin Falls ID, but I talked to local manager Don White, who confirms it is stereo, and has some separate programs. Those include a country gospel program Saturday afternoons and repeated Sunday mornings. "I've been in radio in this market, doing a program on the local AM-FM. It's desolate country. There's not much around here. We are heard in a 50-mile radius. A friend of the station drove toward Casper and heard it most of the way!"

BC Houston CJFW-7 105.5
 ON North Bay CHIM-1 *92.5

Format Changes

Formats are the same as in the "FM Atlas"
 AL Cullman WRRS 101.1 r, hot AC, "The Spot" (from "Reality 101.1")
 AL Ozark WQLS-FM 103.9 k
 AL Trussville WENN 105.9 sr, "V 105.9," with the "V" standing for "variety." Was "Win 105.9." ID with Birmingham. Switch came on the Martin Luther King, Jr. holiday.
 AZ Marana KOHT 98.3 sr, still "Hot 98"
 AZ St. Johns KWKM 95.7 op
 AZ Window Rock KWRK 96.1 so, Westwood One, but Westwood One is ceasing its rhythmic oldies format by the end of this month (February).
 CA Coalinga KLVK *88.3 gr, \$, "K-Love"
 CA Fremont KCNL 104.9 rp, still "Channel 104-9," ID with San Francisco-San Jose

CA Manteca KKME 96.7 r, "rock"
 CA San Ardo KBDH *91.7 cj, parallel to KUSP 88.9 Santa Cruz.
 CA Shafter KSMJ 97.7 j, smooth. Facilities to 4500 h,v; 115 m, d-a.
 CO Grand Junction KSNJ 100.7 k
 CO Greeley KUNC *91.5 nt, mono, parallel to KKYD *1340 Denver, which is going noncommercial. It will reach areas the weak Denver station doesn't. [Rifle
 CO Meeker KAYW 98.1 k, parallel to KZKS 105.3/
 FL Belleview WWKO *91.3 g, Reach Southern gospel
 FL Callahan WPLA 93.3 still p, adding Bubba the Love Sponge from co-owned WXTB 97.9 Clearwater. [(from "Oldies 97.1"
 FL Holiday WSUN 97.1 rp, alternative rock, "97-X"/
 FL Sarasota WKZM 104.3 g, now a satellite of WKES *91.1 Lakeland FL.
 GA Hinesville-Savannah WSKX 92.3 r, plus '80s oldies, "Extra 92.3." Drops ID with Fort Stewart.
 HI Kalaheo KTOH 99.9 rm. Had been stunting.
 HI Kapaa KITH 98.9 still Hawaiian music. Adds travel information. [& 5 (from "Kiss FM")
 IL Arlington Heights WKIE 92.7 sr, "Energy 92-7/
 IL Chicago WNIB 97.1 drops classical and stunting. One day it was all Barbra Streisand, then all Garth Brooks, and another day it was all Rolling Stones. No announcing, no commercials, only an hourly ID with a female voice. "It was a great station." It left the air at midnight, and came back 15 minutes later with Streisand. It has "the most excellent stereo separation on my truck radio." Its great sound is probably due to the fact that "they're not messing with the compression. WNIB only compressed its signal about 3 percent. After they go commercial, watch them flatten all the dynamics of the music." Drops "Classical 97" identifier. Former classical music rival WFMT 98.7 has done the unheard of—it's taking requests. "I can't blame them. They're trying to pick up some of the WNIB audience. I wish them well." [Kiss FM)
 IL De Kalb WDEK 92.5 sr, "Energy 92-7 & 5" (from/
 IL Highland Park WXXY 103.1, Morris WYXX 103.1 to be S, r, "Fiebre 103.1" (from "80s Channel") [(from "Kiss FM")
 IL Kankakee WKIF 92.7 sr, "Energy 92-7 & 5"/
 IL Knoxville WKAY 105.3 m
 IA St. Ansgar KHAM *95.5 to g, ownership to MN-IA Christian Broadcasting (KJLY 104.5 Blue Earth MN).
 KY Glasgow WOVO r, CHR [adding Bob & Tom
 KY Hopkinsville WZZP 97.5 still o, classic hits
 KY Manchester WWLT *103.1 gr, "K-Love," non-commercial [commercial
 KY Wilmore WVRB *95.3 gr, "K-Love," non-/
 LA Arcadia KHCL *92.5 g, parallel to KHCB-FM 105.7 Houston TX.
 LA Ball-Alexandria KHFX 105.5 still o, now '80s, and still "105-5 The Fox"
 LA De Ridder KAOK-FM 97.9 t, mono, upgraded and now serving Lake Charles
 LA Jonesville KTYX 105.1 o, classic hits
 LA Laplace-New Orleans WCKW-FM 92.3 o, '80s, still "92.3 The Point" [classic hits
 ME Calais WQDY-FM 92.7 o, [parallel to Calais
 ME Machias WALZ-FM 95.3 o, classic hits,]

ME Rumford WLOB-FM 96.3 t, mono, ID with various cities, such as Portland-Lewistown-Auburn-Augusta-Waterville. Owned by J. J. Jeffery, and using "the old WLOB jingles from the '60s."

ME Searsport-Belfast-Bangor WBYA 101.7 op, "101-7 The Fox. . ."

ME Skowhegan WHQO 107.9 r, CHR, "The Party"

MD Williamsport WLTF 95.9 mr, "soft AC," now "Lite 95.9" (from "New Life 95-9"). [Ticket]

MI Charlotte WVIC 92.7 It, sports, mono, "The/MI Imlay City WHYT *89.1 gr, "Joy 89.1."

MI Lakeview WSCG-FM 106.3 t, mono, as part of the new Michigan Talk Network, which is hoping soon for an affiliate in Flint. Now "The Source."

MI Mackinaw City WDQV *88.5 gr

MN Sauk Centre KMSR 94.3 rm. For a while it was stunting with mostly dead air. Being sold to BDI broadcasting. Application for 1000 h,v; 245 m, to serve Alexandria.

MS Liberty WAZA 107.1 o

MS Picayune WKSJ 106.1 rm, "Sunny 106.1" (shoots "Eagle 106")

MO Springfield KWTO-FM 98.7 t, sports, mono, no "Rock 99." "Their ratings before the change have been terrible, getting 2% at best." Now "98-9 The Jock."

NV Indian Springs KPXC 99.3 k

NV Reno KDOT 104.5 still rp, adding Rob, Amie & Dawn. They're heard on KRXQ 98.5 Sacramento CA and KISW 99.9 Seattle WA. The morning program now originates in Seattle, having moved from Sacramento.

NH Walpole WLPL 96.3 o, parallel to WWOD 104.3 Hartford VT-WHDQ 106.1 Claremont. LMA with WPVQ 95.3 Greenfield MA-WRSI 93.9 Turners Falls MA-WSSH 101.5 Marlboro VT-WZSH 107.1 Bellows Falls VT

NM Albuquerque KKOB-FM 93.3 o, '80s hits KRQS 101.3 j, smooth, burying "101.3 The Bone." KTBL 103.3 stunting.

NM Las Vegas KMDZ 96.7 rp

NY Delhi WDHJ 100.3 o

NY Deposit WIYN 94.7 o, parallel to Delhi

NY Newport Village WBGK 99.7 k, parallel to WBUG-FM Fort Plain, "Bug Country" [country

NY Walton WDLA-FM 92.1 now with ABC's/

NY South Bristol WLCL 107.3 o, '80s, "Channel 107.3" (from "Cool 107.3"). One slogan said, "80s music without the buzz," a reference to WBZA 98.9, "The Buzz," Rochester NY.

OH Harrison WNLT 104.3 gr, "K-Love," noncommercial operation

OH Lebanon WAQZ 97.3 still rp, adding Howard Stern and serving Cincinnati.

OK Collinsville KMRX 101.5 gr

OR Corvallis KLOO-FM 106.3 (from 106.1), now "106.3 Clue FM."

TN Benton WOCE 93.1 S, I, "La Buena"

TN Sparta WRKK-FM 105.5 op, "Rock 105," ID with Cookeville. Adds Rick & Bubba in the mornings. "We've been stereo about eight years now." [1310 San Juan TX.

TX Beeville KVFM *91.3 S, gr, parallel to KUBR/

TX Commerce KETR *88.9 oj, with jazz at night, using calls, "The Lion 88-9 KETR" (from "The Mint").

TX Dallas KRBV 100.3 rs, "looks like they have shifted somewhat more main-stream—seems to

be at least one or two non-rhythmic tunes each hour now."

TX Dilley KMOA 98.9 S, kl, Tejano [Zapata

TX Hebronville KEKO 101.7 S, gr, parallel to/

TX Kerrville KHKV *88.7 g, parallel to KHCB-FM 105.7 Houston [100.3 Tatum, and co-owned

TX Pittsburg KXAL 103.1 k, parallel to KDVE/

TX Tyler KDOK 92.1 o

TX Zapata KBAW 93.5 S, gr. Seems mono. "Stereo light flickered briefly, but mostly off. The signal [in Laredo] was not of high quality." ID in English as "KBAW 93.5 Zapata TX."

VA Hampton WWDE 101.3 rm

VA Norfolk WVKL 95.7 sr, "95.7 R & B" (from "Kool 95.7"). Not "WVKG," as shown p. 167 *FM Atlas*-18.

VA Roanoke WSLQ 99.1 r

VA Vinton WJJS 106.1 r

VA Windsor WSVY 107.7 sr, "The Vibe," with Joyner joining in the morning. No longer programs with 92.1 Moyock NC, now WBHH.

WA Naches KREW-FM 99.3 k, LMA-to-buy with KATS 94.5-AM-KFFM 107.3 Yakima-KQSN 92.9 Toppenish-AM. Has \$[stereo].

WA Vancouver KBET-FM 105.9 r, modern AC, "Star 105.9." Owned with KKCW 103.3, KKRZ 100.3 Portland-AMS. [The Zone]

WV Bethlehem WZNN 105.5 sr, "Kiss FM" (from/

WV Parkersburg WXXK 99.1 k

WI Rhinelander WRHN 100.1 r, hot adult contemporary, uses calls, "Hits 100, WRHN."

WY Laramie KSNA 104.5 o, parallel to KRRR 99.9 Cheyenne, which is buying KSNA. KRRR has upgraded to a C2, and IDs with Fort Collins. See also "Off the Air," below, CO Fort Collins. KSNA seeks 8000 h,v; 334 m, C2 upgrade.

MB Brandon CKXA 101.1 sr, Hot 1-Oh-1" (from "Kix 101 FM"). No calls heard.

ON Paris CJIQ 88.3 sr, "The Condor," ID with Kitchener. Is stereo.

ON Smiths Falls CJET 92.3 k, "Country 92"

ON Toronto CJRT *91.1 j, dropping classical.

On Air—Real Stations and Pirates (Selected)

AZ Phoenix KPHF *88.3 and K205CI *88.9—both with Family Radio. KPHF is a share-time station, on 7:30 p.m. to 4:30 a.m. Other hours are for Spanish KNAI, which I believe still illegally carries commercials. "We have an awful KEAR situation (with them also having) a 24 hour translator on Shaw Butte on 88.9. I know I'm being picky, but there's no excuse for a translator to run KEAR at the same time a full-powered station is relaying the Family Radio feed, negating the need for a translator," R.L., Phoenix.

CO Denver KBPI 106.7 announcer Steven Meade was convicted of animal cruelty. A chicken was dropped from a third-story balcony to see if it could fly. It suffered leg and foot injuries. Meade encouraged listeners to bring small animals to the station, saying they would be let loose on Interstate 25. If they survived, it would mean an early spring. If they died it would mean six more weeks of winter. When the chicken was brought in, Meade broadcast the results as part of the stunt.

GA Atlanta WNNX 99.7 former d-j Tony Middlebrooks awarded \$280,000 by a jury in his slander lawsuit against his old boss. The boss, Tod Wolff, said over the air that Middlebrooks claimed he had a love affair with 99-X disc jockey Jimmy Baron. "I just looked at my wife, and she looked at me," said

Middlebrooks, 39, who had been listening. His wife "knew it was Todd lashing out at me," he said. Middlebrooks said, "I'm not gay. . . He was accusing me of promiscuous adultery." In court, Wolff admitted the statement was not true; it was a joke. An estimated 40,000 people heard the show. "It didn't seem like a joking matter, the day after I was terminated from my job," said Middlebrooks. The station must be looking for a replacement. A local newspaper ad mentions needing full- and part-time on-air people, plus sales and office staff.

W264AE *100.7 on air despite the new WWWQ 100.5 being on the air just a few kilometers away. An engineer at WWWQ said W264AE "will soon be deleted." That person added that Susquehanna's attorneys are poised to pursue legal action against Peach State Public Radio and the GA Public Telecommunications Commission if it is not removed.

GA Canton-Atlanta WMXV 105.7 has offered the unemployed Bill Clinton a job as the morning-show host, but contract provides for "termination for good cause," which includes being fired after "indictment for any crime involving moral turpitude." Hopefully, the station doesn't use the service of interns, said the *Atlanta Journal-Constitution*.

IA Spencer K220HY *91.9

KS Minneapolis-Salina KLS 92.7 being sold, along with 13 other stations, to Waitt Radio of Omaha NE. "KLS has a good signal in Junction City, but does not reach Manhattan, [32 km] east of here due to interference from KCVT "92.5" Silver Lake KS.

ME Waterville WMHB *89.7, having moved from 90.5.

MD Salisbury W220CT *91.9 with WXHL 89.1 Christiana DE. [mostly on weekends.

MA—Eastern "WICE" 89.3 with big band music./

MN Duluth WNCB *89.3 announces that its Glencoe station has moved from 88.3 to 88.7 and the new Hutchinson translator is on (90.9).

MN Hermantown-Duluth-Superior (WI) WWAX 92.1 now on with C3 facilities—514 h,v; 115 m. WELY-FM 92.1 Ely had to move to 94.5 and WCMP-FM Pine City from 92.1 to 100.9 for this to happen.

MO Kirksville KHGN *90.7 with religion.

MO St. Louis KWMU *90.7 fined \$8000, but license renewed. Rainbow-PUSH Coalition claims it discriminated against blacks. The FCC partially agreed and forwarded the complaint to the EEOC. The station was fined for willfully omitting facts from the FCC in violation of Sec. 73.1015 of the rules.

NJ Glassboro WGLS *89.7 with 750 h,v; 149 m, d-a, from the WPFX (61, Wilmington DE-Philadelphia PA) tower.

NY New York WXRK 92.3—the FCC wiped out a \$6000 fine for indecency during the Howard Stern Show from Oct. '95 and June '96. "The WXRK case was never heard, although stations in New Orleans and Richmond were fined for the same broadcasts." The FCC did say, "Our decision today in no way condones the broadcasts of the material at issue."

SD Sioux Falls KMXC 97.3 now on with 100 kw, 256 m. Has "increased its coverage area greatly." Seeks 253 m.

TX Big Spring KBST-FM 95.7, having moved from 95.9, and now 33000 h,v; 140 m. [Houston

TX Paris KHCP *89.3—parallel to KHCB-FM 105.7/

WA Oroville 105.1 Tonasket 106.9 are unlicensed stations run by Mark Rabenold, 43, Oroville. He's accused of ramming an U.S. marshal with his car, sending court documents in the officer's hand flying and spinning him around. The documents were supposed to get the station off the air. He's described as a "constitutionalist," who believes the

federal government has exceeded its powers allowed by the Constitution. He was fined \$11000 in 1998 for operating a station without a license.

WI Madison WZEE 104.1 and its owner Capstar FM—fined \$7000 for indecency. It aired the unedited version of *The Real Slim Shady*, at about 3:30 p.m. Aug. 24, 2000. Capstar claimed the airing of the unedited version was a mistake by a poorly-trained board operator, plus the CD slipped into the wrong selection because of static electricity. The song contained explicit sexual references and was deemed not appropriate at that time of day. The FCC mentioned previous instances where Capstar was fined for indecent broadcasts. The song's artist was identified as Eminem, heard along with "various voices." WZEE's fine was mentioned by other stations, including WKSZ, 95.9 Kiss FM, in the Green Bay WI area, KDDG 105.5 Albany MN and, most likely, by the Jones Satellite Network.

PR Bayamon WCOM 94.7 fined \$21000 for indecent material during the 9 a.m. hour on Oct. 18, 19, 20, 1999, when owned by WLDI, Inc. The FCC had to get the transcript of the songs' words changed from Spanish. [FM station heard there.

LAOS—Luang Prabang 104.00, stereo, the only/
Vientiane 90.5, 91.5, 95.7, 100.3, 102.5—all stereo
and all off the air by 12:45 a.m.

Off Air—Or Not Yet On

CA Taft KBDS 103.9, along with KMYX 1310 AM. Both had regional Mexican. Now silent.

CO Fort Collins K260AC 99.9, but operated for a long time in spite of KRRR 99.9 Cheyenne upgrading, and covering Fort Collins with a primary signal. When it was on, a driver who lives near Greeley reported "whenever I get near Loveland or Fort Collins the translator station really starts tearing up the signal from KRRR!" This person then called KRRR. "I talked to the program director and after telling him who I am, briefed him on the situation. I really wasn't surprised that he was already aware of it. He told me that when the FCC assigned KRRR the 99.9 frequency two years ago, the FCC sent a letter to [primary] KGNU [88.5 Boulder CO] telling they would have to move their translator to a new frequency. Nothing happened. He said KRRR personnel contact personnel at KGNU several times, requesting they sign off permanently from 99.9. They ignored their requests. He said that has been over a period of two years now. He said they are getting ready to take KGNU to court. I'm not surprised that a 50 kw station would take them to court. What I'm surprised at is a station would let one of their little translators cause such a stink," J.T., Milliken CO.

FL Longwood—Richard I. Rowland fined \$10,000 for an unlicensed FM (frequency not available).

GA Macon WAYS 105.5, in process of moving from 99.1 and downgrading. "Did not temporarily move to 105.3. Expected back on in mid-February. . . . Meanwhile, WYAI Bowdon GA remains on 105.5 for now and is unable (or perhaps unwilling) to say when it will be moving to 105.3 and begin serving the Atlanta market." See also Dec., p. 1, col. 3.

Deletions

GA Marietta WGHR *100.7, displaced by the new WWWQ 100.5 College Park-Atlanta

GA Woodstock W262—*100.3, confirmed by general manager of station primary, WCCV *91.7 Cartersville GA.

MD Leonardtown WETW *91.7

MN Fergus Falls K209BA *89.7. See "New," above.

MT Helena K212ER *90.3 [applicant.

NM Albuquerque K204CQ *88.7—at request of/

NY Truxton WXXC *88.7

UT Tremonton K276CD 103.1. Town misspelled p. 166, *FM Atlas*-18.

WA Othello K215CT *90.9

FMistakes—FMedial FM Atlas-18

ID Boise K1ZN 92.3 is 828 m (not "838"); (45000 h,v), Jan. p. 2, col. 1.

ID Nampa 96.9 is KKGL, not "KXGL," Jan. p. 2, col. 1.

MN Walker K211EJ *90.1 (not "K213DN 90.5"), with

WJFM 88.5 Baton Rouge LA, Aug. p. 1, col. 2.

NE Hastings *90.1 is KFKX (not "KFX"), Jan. p. 2,

col. 1. KFX-FM is 106.7 Hugoton KS.

NC Belhaven 101.1 is WANJ, not "WBJA," both NC maps p. 27.

NC Ocracoke WAHL 92.7—remove p. 196 listing.

OK Bethany WWLS-FM (was KNTL) 104.9—remove stereo listing p. 228.

PA Chester WBNR *89.5 add \$ p. 186

TX Sterling City (not "Sterling") KCSE 96.5. See Jan. p. 1, col. 3, under TX San Angelo.

UT Delta 106.3 is K292AU, not "K282AU," p. 166.

UT Orderville 100.1 is K261AE, not "K251AE," p. 166.

VT Acutney W212BU *90.3—town misspelled, Aug. 1999, p. 1, col. 2.

VA Norfolk 98.7 WNOR (not "WNOR-FM") p. 167.

VA Stafford W221AA *92.1—town misspelled p. 168.

WA Seattle (Aiki Beach) *88.1 is K201AB, not "K210AB," p. 169.

WA Tacoma 106.1 is KBKS-FM (not "KBKS") p. 168.

WA Wenatchee KPLW *89.9 remove \$, p. 168

WV Clarksburg (not "Clarksville") WPDJ-FM 104.9

Jan. p. 4, col. 3. It is now "Classic Country Hits Radio 104.9." [170.

WI Eau Claire WAXX 104.5—k format not given p./

WI Madison WORT *89.9 is †, R, not †, P, p. 170.

WIBA-FM 101.5 †S is 92, not 67, p. 170.

WI Sparta 97.1 is WCOW-FM, not "WCOW<" p. 170.

WI Waunakee WBZU 105.1 former calls were WYZM, not "WYZB," Jan. p. 1, col. 3. WYZB is 105.5 Mary Esther FL.

AB Bariff CJAY-1 95.1 remove stereo p. 172

AB Bassano CJAY-4 106.1 remove from p. 110.

AB Calgary CJSW 90.9 remove * p. 190.

MB Winnipeg CKXL 91.1 remove * p. 111

ON Hearst CINN 91.1 remove * p. 191

ON North Bay 101.9 CKFX, not "CKAT," p. 113.

ON Peterborough 105.1 CKQM, not "CKOM," top of p. 112.

ON Sudbury CKLU 96.7 remove * p. 113

ON Toronto CKLN *88.1 add * p. 182

CIUT *89.5 add * p. 186

PQ Amos CHLM-1 *91.5 remove \$ p. 176

PQ Chisasibi CHFG 101.1 remove * p. 114

PQ Matagami 94.9 CHAD (not "CHAD-1") p. 201. Not yet on air. There's no "CHAD" for it to relay.

PQ Radisson CBF-7 *100.1 out of sequence p. 114

PQ Rouyn-Noranda CHLM *90.7—remove \$ p. 177

PQ St-Michel-des-Saints CBF-13 *90.9—town misspelled p. 177. [114, 218.

PQ Senneterre CIBO 100.5—town misspelled p./

PQ Sherbrooke CIMO-1 106.9, not 106.1, p. 113

SK Green Lake CHGL 94.9 remove * p. 201

SK La Ronge CBKA *105.9 remove \$ p. 231. Mono according to Industry Canada.

SK Onion Lake VF2295 97.7 add to p. 177. It is 46 m, 16 v, with 5 km coverage. Its dot on p. 110 seems to place it in Alberta.

Masthead Jan. 2001 p. 1: It is Volume 15 (not "14," No. 1, not "No. 13." Copyright should read 2001, not "2000."

SCServices, 57, 67, 92 kHz

Symbols are as in the "FM Atlas"

GA Atlanta WKLS 96.1 no SCS; dropped †()

MI Bay City WIOG 102.5 57 kHz reads: "1025WIOG".

MI Birmingham WCSX 94.7 †(), reading "CLS ROCK," with the INFO button (on some car radios) saying "WCSX 94.7 FM Detroit's Classic Rock Station".

MI Dearborn WHFR *89.3 †(), reading "WHFR-FM," and the INFO button gives "Saving Detroit's [sic] Airwaves". Program type is "Public."

MI Detroit WVMV 98.7 is found under "jazz," with the call letters displayed (57 kHz), and the INFO button gives a readout: "Smooth Jazz V98.7 Home of the trip a day give away."

WYCD 99.5 is found under "country," with the display reading "WYCD," and INFO button yielding, "Detroit Country 99.5".

WRIF †(), found under "rock," with the display reading "WRIF-FM," and INFO button giving "Drew and Mike Mornings On L Nty on 101 FM WRIF Detroit". "Yes, typos!"

WGRV 105.1 †(), found under "oldies," reading "WGRV-FM," and INFO button saying, "The Groove 105.1 FM". That alternates every 30 seconds with "Groovin' Detroit".

MI East Lansing WKAR-FM *90.5 57 kHz reads "WKAR-FM," and INFO reveals: "Listening to Morning Edition 6am-8am here on WKAR."

MI Lansing WJIM-FM 97.5 displays "WJIM Oldies 97.5FM".

MI Novi WOVI *89.5 †(), reading "WOVI." The INFO button gives: "Real Radio From Novi High Schoo. Home of Novi Wildcat Sports".

NJ Newark WHTZ 100.3 †Q, Russian "WRBS" (having been on the 67 of WRKS 98.7 New York NY, which is now vacant. Russian "WMNB" remains on the 92 of WQHT 97.1 New York.

WHTZ's former Spanish service on 92 is off; there's no 92 kHz activity on that station.

NY Lake Success WKTU 103.5 testing with a religious Jewish service, mostly in Hebrew, 67. Its 92 is still Italian (Radio Maria).

NY New York WRKS 98.7 no 67. When the Russians left, they would not reveal the new frequency they went to, which we now know is 100.3 (67). They charge \$25 per month for the radios.

NY New York WCBS-FM 101.1 †, L, 92. "It's the Spanish version of the Radio Maria Catholic service from Colombia."

OH Toledo WGTE-FM *91.3 gives classical as its primary format; the display goes to "WGTE".

BC Vancouver CHKG 96.1 no Korean, 67; a new Punjabi service will be on the 67, Punjabi Akashwani 2000 Ltd. CHKG to be †, I.

ON Toronto CKLN *88.1 †, Q, a Serbian on 92, in addition its Greek on 67

CHIN-FM 100.7—the 67 is Tamil (one of three Tamil SCSes in Toronto); 92 still Italian (Radio Maria).

ON Windsor CIDR 93.9 †(), found under "soft rock," with the display reading: "LiteRock," and

the INFO button gives artist and song title, and shows next song to be played.
 PQ Gatineau CKTF 104.1 †
 PQ Montreal CJPX 99.5 †, H (Haitian)
 PQ Quebec CBV *106.3 †
 PQ St-Georges CKRB 103.3 †

NonIDs, Not Just Slogans

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

AL Tuscaloosa WTUG 92.9 calls used frequently, no "Power 93-TUG."
 AR Texarkana KFVX 107.1 back on the air with country, but as "Border Country 107" (instead of "The Fox," as was expected). They came back on with Christmas music and after Christmas switched to a simulcast of news/talk KTFS 940 AM.
 CA Hemet KKRS 105.7 Radio Laser 105.7
 FL Tampa WWRM 94.9 Magic 94.9 (from "Warm 94.9"). Music unchanged, but management wanted a more contemporary image. "Plenty of people still think of WWRM-FM 94.9 as the Barbra Streisand

MAGIC 94.9

Soft and Contemporary

and Neil Diamond station, though it hasn't played those artists in about five years. So WWRM, which has been playing soft pop by the Backstreet Boys, Mariah Carey and their like, dumped its "Warm 94.9" moniker. . . in favor of "Magic 94.9". Everything else stays the same." It had been known as "Warm" since 1988.

MI Detroit WPLT 96.3 just "96.3" (from "Alternative Classics the Planet"). It fired the entire morning team, so look for further changes.
 MI St. Johns WWDX 92.1 Edge (from "Mix 92.1")
 OH Marion WMRN-FM 106.9 Buckeye Country (from "Country 107" ((from "Unforgettable 96.9")
 OK Enid-Oklahoma City KMMZ 96.9 Memories 96.9/
 PA Saegertown WMDE 94.3 Was 94.3
 VA Cape Charles WAZP *90.7 K-Love
 VA Front Royal WDRV 95.3 Oldies 95.3
 ON Leamington CHYR 96.7 96.7 Cheer FM (from "Country Music Radio"). Still country. "Cheer was the slogan they used many years ago, playing pop music on AM."

Multi-City IDs in Use

MN Starbuck KRVY 97.3 with Willmar. Confirmed stereo, and heard with legal ID.
 PA Ephrata WRTL *90.7 with Lebanon-Lancaster. Heard in stereo, and mentioned by primary WRTI *90.1 Philadelphia as "our newest station." The stations ID together on the hour.
 PA Mill Hill WLTS 98.7 with State College-Williamsport
 SD Flandreau KSOB 107.9 with Sioux Falls

Selected AM Happenings

AZ Williams KYET 1180 back on with classic country, "with a big signal. . . the first time I have heard them in 18 months!"
 CA Bakersfield KZPM 1100 was off air, but has returned with oldies, parallel to KKDJ 105.3 Delano.
 CA Ceres KLOC 920 had Z-Spanish. Now silent.
 CA Glendale KIEV 870 changed calls to KRLA, the long-time calls of the rocker on 1110 in Pasadena. "The name change takes some getting

used to. KRLA's receptionist drops a quarter in a jar on her desk every time she answers the phone KIEV." Other than standing for an Ukrainian city, the call letters had no significance. KRLA is a "conservative talk station," owned by Salem. See "Call Letters," above, CA Anaheim.
 FL Orlando 990 becomes WDYZ (from WHOO).

This is Radio Disney's first affiliate at the home of Disney World. [reported silent.

FL Tallahassee WTAL 1450 had been talk. Now/IA Des Moines KDMI 1460 had been religion (and previously had been on FM 97.3). Becomes KXNO Fox Sports. Local news headlines at :58 are from the WHO (AM 1040) newsroom, "suggesting that WHO and KXNO are sister stations."
 ME Presque Isle WEGP 1340 returns to the air, nt format.

MD Frederick WXTR 820 now parallel to WTOP-FM 107.7 Warrenton VA/WTOP 1500 AM Washington DC. "WTOP aims its antenna south. Now WTOP (AM) can be heard at night up here!"

MI Bay City WMAX 1440 had been sports. Silent pending a sale.

MI Muskegon WKBZ 1520 still silent.

NE Lexington KRVN 880 celebrated its 50th anniversary. Gov. Mike Johanns was among 100 dignitaries, staff and former employees gathered to celebrate with a lunch. Johanns said KRVN is synonymous with Nebraska and agriculture. He says the station was "born out of the Nebraska tradition of just going out and getting the job done." KRVN came on the air initially on 1010 kHz as a daytime-only station, 25 kw. Now it is 50 kw, with a highly directional nighttime pattern favoring the west. It is owned by up to 5000 farmers and ranchers, and traces its roots to the late 1940s when the members formed a group to provide rural weather for up-to-date markets, weather and news. The concept was that farmers and ranchers would own the station, and today that unique ownership principle still stands. It has been joined by 100-kw KRVN-FM 93.1, whose 92 KHz SCS contains the programming of KRVN (AM).

NE York KAWL 1370 has a test on-line and a \$1000 entry fee. By paying that, and with luck, you could own an AM station. Visit <<http://www.kawl1370.com/>>. "Looks like someone wants to unload a loser." They claim the station's worth \$700,000.

NY Mechanicville WMVI 1160 was silent, now standards, operated with two other area AMs.

NY New York WCBS 880 had a news story about work being done to enable FM radio reception in the tunnels connecting NYC and NJ. The newscaster questioned why anybody would want FM, to which his female co-anchor replied, "I dunno." He then remarked "AM is for active minds but FM is for feeble minds!"

PA Connelville WCVI 1340 off air, but sister WPQR 99.3 Uniontown stays on. WCVI expects to return in the spring after technical upgrades are completed.

PA West Chester WCHE 1520 adds Beethoven classical network noon to 4 p.m. Is talk otherwise.

SC Myrtle Beach WNMB 900 reported silent. Expects to be back with new owners by spring.

VT Bennington WBTN 1370 now on with local variety, having been sold by Vermont Public Broadcasting. Local resident Bob Howe bought the station from VPB for \$250,000, which decided it didn't need the AM. VPB retains WBTN-FM *94.3. Howe is a retired teacher who runs K & M Products in North Bennington. He hopes to be able to add staff. WBTN had offered local programming since 1954, except for the one-year period when it was noncommercial. [religion.

VT Springfield WNBX 1480 was silent. Now talk and/VA Virginia Beach WVAB 1550 had been silent.

Now on with Radio Disney.

WI Chilton WMBE 1530 reported off the air, but applying for 650 AM in Auction 32. "Lyle Evans, part owner, is in failing health and is selling off all his properties." [sports network (see below)

ON Kitchener CKKW 1090 joins CHUM Toronto's/
 ON Mississauga CJMR 1320 moves to 1250, as "Joy 1250," with 1320 "up for grabs—if somebody wants it. . ."

ON Ottawa 1630 is a 99-watt TISation, the only Canada AM above 1610 kHz, which is CHEV Toronto.

ON Toronto CHWO began regular programs on 740. "You can get 740 where you are," S.T., Hamilton.

CHUM 1050 had been oldies, but converting to sports. It is forming a network whose first affiliate is CFGO 1200 Ottawa.

FMakings—Selected FCC and Industry Canada Applications

AL Andalusia WTKF 98.1 314 m
 AL Arab WAFN-FM 92.7 2000 h,v [downgrade
 AL Jasper WDXB 102.5 69000 h,v; 350 m, C1/
 AZ Lake Havasu City KNLB *91.1 3000 h,v
 AL Scottsboro WKEA-FM 98.3 1550 h,v; 200 m
 AZ Wellton KBHV 104.5 1700 h,v; 381 m
 AR Hampton KBPW *88.1 50000 v, 103 m [Class B
 CA Long Beach KLON *88.1 30000 h,v; 137 m./
 CA Mecca KRCK 97.7 1340 h,v; 213 m
 CA San Diego KIFM 98.1 27000 h,v; 209 m
 CA Shingletown KBHX 96.1 490 h,v; 346 m
 CA Thousand Oaks KCLU *88.3 3200 h,v; Class B1
 CO Alamosa KASF *90.9 1100 h,v; 27 m
 CO Grand Junction KM5A *91.3 3000 h,v; 415 m, C2
 CT Guilford WGRS *91.5 6000 h,v; 50 m, d-a
 FL Micanopy WSKY-FM 97.3 50000 h,v; 150 m
 GA Sylvester WWSG 102.1 79 m
 IL Atlanta WMNW 96.3 87 m d-a
 IN Elkhart WFRN-FM 104.7 143 m
 IN Newburgh WDKS 106.1 82 m
 IN Vincennes WATI *89.9 500 h,v
 KY Beattyville WLJC 102.1 2400 h,v; 161 m
 MI Hart WCXT 105.3 28000 h,v; 201 m, C1 downgrade
 MI Honor WAIR 100.7 4650 h,v; 112 m
 MI Kingsford WEUL *98.1 1000 h,v; 142 m
 MN Coon Rapids (move from New Richmond WI) WIXK-FM 107.1 25000 h,v; 150 m
 MN Mankato KEEZ 99.1 90000 h,v; 239 m
 MS Senatobia WKNA *88.9 100000 h,v; C1
 MO Centralia KMFC 92.1 3900 h,v
 MT Red Lodge KMXE 99.3 13000 h,v; 363 m, C1
 NE McCook KJKI 98.5 600 m
 NJ Zarephath WAWZ *99.1 28000 h,v; 200 m
 NM Lordsburg KQTN 97.9 100000 h,v; 465 m, Class C
 OR Banks KVMX 107.5 97000 h,v; 441 m, Class C
 OR Portland KOPB-FM *91.5 72000 h,v (470 m)
 PA Johnstown WQJE *89.7 8000 h,v
 SC Bishopville WKHT 93.7 5000 h,v; 109 m

SC Greenwood WCRS-FM 96.7 730 h,v; 289 m, d-a
 TN Oak Ridge WNFZ 94.3 9000 h,v; 166 m, d-a, C3
 TX Kerrville KBAB *88.7 50000 h,v; 116 m, C2
 TX Lytle KZLV *91.3 50000 h,v; 150 m
 TX Wichita Falls KQXC 103.9 50000 h,v; 93 m
 UT American Fork KWKD- 102.3 booster [station
 UT Provo KWKD- 102.3 booster of Randolph/
 VA Chester WDYL 101.1 4000 h,v; 112 m
 VA Sweet Briar WNRS-FM *89.9 300 h,v; 180 m
 WA Bellevue KBCS *91.3 8000 h,v; 64 m, no d-a
 WA Newport KMJY-FM 104.5 (from 104.9) 930 h,v;
 874 m
 WA Seattle KYPT 96.5 49000 h,v; 698 m
 WA Spokane KWHK 103.9 39000 h,v, Class C1
 WEEH *104.9 (from 104.7) 11000 h,v; 472 m
 WA Yakima KYPL *91.1 19000 h,v; 290 m, C1
 WI Mishicot WZOR 94.7 21500 h,v; 108 m, d-a
 WI Omro WPKR 99.5 25000 h,v; 151 m
 WI Wausau WHRM *90.9 99000 h,v; 329 m
 PR Aguada WFDT 105.5 304 m
 BC Prince George *88.7 5 w, Education Alternative R.
 BC Vernon 107.5 46000 h,v by CJB 940 AM.
 NB Fredericton 95.7 50 w, Timothy Paul, Native
 community station [Toronto relay
 ON Shelburne *102.5 2600 h,v, CBC, CBLA *99.1/
 ON Sudbury 94.3 50 w, David Jackson, gr format
 ON Toronto—the CRTC issued a report asking for
 proposals to increase the number of FM and AM
 frequencies receivable by residents here. It ac-
 knowledges the scarcity of frequencies, yet it be-
 lieves a limited number of channels may still be
 available. It is especially interested in licensing
 new ethnic and multicultural broadcasters. It also
 hopes cable and satellite can help distribute spe-
 cialized services to the area. [1240 /an,
 PQ Asbestos 99.3 6000 h,v; CJAN, to move from/
 PQ Gros Morn 103.1 CJMC relay, Radio du Golfe,
 facilities not given.
 PQ Lac-Brome 101.9 800 h,v, R. Communautaire Mis-
 sisquoi, English-language community station.
 PQ Ste-Foy 96.9 1 watt, Etudiants de Cegep de Ste-
 Foy, campus station. [Inc., m format
 PQ Ste-Pamphile 94.7 24 watts, 3819914 Canada/
 101.1 16 w, CIBM-FM Mont-blue, Inc., relay of
 CHOX 97.5 La Pocatiere. [relay
 PQ Sully 93.5 18 w, CJFP 103.7 Riviere du Loup/
 96.7 14 w, CIBM 107.1 Riviere du Loup relay
 PQ Temiscaming *103.1 CBC, CHLM 90.7 Rouyn-
 Noranda relay
 PQ Val d'Or 92.5 50 watts, Radio Communautaire MF
 Lac Simon, to relay CHUT 95.3 Louvicourt
 PQ Ville Marie *97.7 1100 h,v, CBC, CHLM relay
 SK Estevan 102.3 100000 h,v, Golden West Bcstg.,
 rm format

FM Rulemakings Proposed
*First date is for filing comments at the
 FCC; second date is for replies. Sta-
 tions affected, if any, are listed.*

AK Houston 94.7C1 for C2, KADX, along with KNIK
 proposing to move to 105.1C1 for 105.3C1 at An-
 chorage, Apr. 2, 17. KADX to reimburse KNIK for
 moving.
 CA Murietta 104.1A, at 5.2 km E because of KBIG
 104.3B Los Angeles, and short-spaced to XHBA
 104.1C Mexicali BN, Mar. 12, 27.
 CA Willow Creek 106.9A, as requested by Four River
 Bcstg., Mar. 5, 20.
 CO Arriba 107.3A at 2.4 km SE because of KSIR-FM
 107.1C1 Brush, Mar. 19, Apr. 3.
 CO Genoa 105.5C3 at 21.3 km NE of because of
 KVAZ 105.7C1 Lamar CO, Mar. 19, Apr. 3.
 GA Butler 96.9A, Mar. 5, 20. Requested by H. David
 Hedrick, PO Box 27, Gray GA 31032.

GA Patterson 97.1A at 2.9 km N because of WOKA-
 FM 106.7C1 Douglas, Mar. 26, Apr. 10.
 GA Woodbury 94.5A at 13 km SE because of WYSF
 94.5C Birmingham AL, Mar. 12, 27.
 GA Young Harris 95.1A, by Tugart Communications,
 Apr. 2, 17
 LA Clayton 101.1A (from 99.3A) at 3.4 km NE be-
 cause of WBBV 101.3C3 Vicksburg MS and KBON
 101.3C3 Mamou LA, Mar. 19, Apr. 3. [26, Apr. 10
 LA Lake Charles 103.3C2 for 103.7C1, KBIU, Mar./
 LA St. Joseph 99.3C3 at 7.6 km SE because of WJMI
 99.7C Jackson MS, Mar. 19, Apr. 3.
 LA Wisner 107.9C3, 20.4 km NE because of KVMA
 107.9C1 Magnolia AR and KRKA 107.9C1 Erath
 LA, Mar. 26, Apr. 10. [4, 17
 MI Cass City (from Caro 92.1A) 92.1C3, WIDL, Apr./
 MN Northome 106.1A, Mar. 26, Apr. 10 by Pharr
 North Radio
 MS Macon 97.7A for 100.5A, to allow WLXY 100.7C3
 Northport-Tuscaloosa AL to become a C1.
 MO Junction City 106.9A at 9.2 km NE because of
 KAUL 106.7A Ellington MO, Apr. 9, 24.
 MO Windsor (move from Warsaw) 98.5A, KWKJ, Apr.
 4, 17 [why not by Apr. 2, 2001.
 NY Alfred 97.1A for 101.9A, WZKZ, show cause/
 NY Canaseraga 101.9A for 97.1A, Apr. 2, 17. Site to
 be 8.8 km E.
 NY Jamestown 101.9B1 (for 101.9A), WHUG, but
 short spaced to CFNY 102.1C1 Toronto ON. Can-
 nadian concurrence to be requested. Apr. 2, 17.
 ND Arthur 103.9A (from 96.7A), KVMI receives inter-
 ference from KOZZ 96.7C2 Devils Lake ND, even
 in the 60 dBu area, Mar. 26, Apr. 10.
 PA Burgettstown (move from Steubenville OH)
 103.5B, WOGH, Mar. 5, 20.
 TX Hewitt 106.7A at 5.3 km S because of KXGM
 106.7C Muenster, Mar. 26, Apr. 10.
 TX Nacogdoches 103.3C2 for C1, KJCS, Mar. 26,
 Apr. 10 [Mar. 26, Apr. 10
 TX Willis 99.7A (from Huntsville 99.7C), KJST,
 TX Valley Mills 95.3C2—no dates announced
 WY Reliance 105.5C3 at 6.9 km E because of KDWW
 105.3C2 Diamondville, Mar. 19, Apr. 3.

FM Rulemakings Finalized

No filling windows because of freeze

AL Anniston—denied Preston Small's petition for re-
 consideration of the move from 100.5C to College
 Park GA 100.5C3.

AZ Sonita—dismissed Santa Cruz Broadcasting's
 100.5A bid at request of the petitioner.

AZ Window Rock 104.9C2 for 102.7C3, KWIM

CA Hornbrook 98.9A at 3.7 km SW of because of
 KAGO-FM 99.5C1 Klamath Falls OR. Denied a
 counterproposal for 98.7C1 at Keno OR.

CO Aspen 93.5A

GA Blairsville—Tugart Communications withdraws its
 95.1A request after Cox Communications pointed
 out that the Gumlog and Ivylog Mountains lie be-
 tween the transmitter site and the community. The
 antenna would have to be 732 m above ground
 level to give line-of-sight service, but the FCC
 would not approve such height at that spot.

GA Buckhead 102.7C3 (from *102.7A Sparta), WPMA

IA North English 97.1A at 7.7 km SW because of
 WMT-FM 96.5C1 Cedar Rapids. Russell Johnson,
 requester.

MI Ludington 96.3A, at 5.5 km S because of WLXT
 96.3C1 Petoskey, requested by Garry Zack.

MI Pentwater 103.9A, Garry Zack.

MS Walnut Grove 96.7C2 by Mr. Colon Johnston.

MO Maraceline 99.1A at 7.2 km NE because of
 KQRC 98.9C Leavenworth KS, RC Bcstg.

NV Hawthorne 98.7C1, by Campbell River Bcstg.

FCC deletes unapplied for 93.5A there.

NH Groveton 101.5A at 7.2 km NE because of
 WYKR-FM 101.3A Haverhill and WBHG 101.5A
 Meredith NH. Linda A. Davidson requested it.

NM Rowe (from Las Vegas NM) 102.9C3 for C2—
 denied Meadows Media's request. Las Vegas
 would lose a fulltime service, and the FCC ques-
 tioned Rowe as a community qualifying for a li-
 cense. Affecting KTRL. [WAZO's move.

NC Oak Island (from Long Beach) 98.3C3—affirmed/
 OK Alva—denied bid by FM 92 Broadcasters, Inc. to
 change 99.7C1 to 99.9C1, affecting KNID.

OK Anardarko 103.5C1 for 103.7C1, KRPT, affirmed.
 OK Mooreland 104.5C1

OK Tuttle 99.7C3 (from Tishomingo), KTSH

OK Woodward 106.3C1 for 100.1C1, [Hedrick

SD Pendleton 95.9A, as requested by H. David/
 SD Rapid City 97.9C for C1, KLMP.

TX Hamilton 107.7A at 11.4 km NW because of KTND
 107.7C3 Georgetown, by Stargazer Bcstg.

TX Missouri City (move from Galveston) 106.5C—
 denied KQK's request. KOVA 104.9C3 now
 serves Missouri City.

TX Munday 101.9C1 at 25 km NW because of KWFR
 101.9C1 San Angelo and KZMP-FM 101.7C Azle

TX Requested by Maree Communications.

TX Wells (move from Woodville) 94.7C2, KVLL-FM

VT Fair Haven—denied 92.5A, which was asked for
 by Community Radio. It was dismissed because of
 a lack of continuing interest in the allocation.

WY Gillette 104.3A for 97.7A, new CP

PR Rincon—denied Ocean Communications' 107.9B
 bid. WVOZ 107.7B Carolina PR objected and
 showed that the coordinates were for Desecho Is-
 land, which is a wildlife refuge where a tower would
 not be allowed.

FM As It Was—Or Might Have Been

To the people of Western Michigan "FM"
 means WJEF-FM [93.7 Grand Rapids] with true
 FM quality service with power. For 21 hours
 each day, WJEF-FM radiates its stentorian
 voice of 500,000 watts (ERP). WJEF-FM began
 broadcasting with one-half-million watts (ERP)
 Nov. 15, 1961. It was a great day for FM listen-
 ers within the reach of the signal because it
 meant that all could receive noise-free pro-
 gramming whether they owned small receivers,
 large receivers, cheap receivers or expensive
 receivers—whether they had or did not have an-
 tennas. It brought on a great resurgence in the
 purchase of FM receivers within the area this
 signal reaches, especially in areas that had
 never before heard FM. [Article by Bruce M.
 Glycadgis, chief engineer, from RCA Broadcast
 News, Nov., 1962. It continues next month.]

McCain Pledges to Reintroduce LPFM Legislation

Sen. John McCain (R-AZ) vows to reintroduce
 low power FM legislation, much like the bill he and
 Sen. Bob Kerrey (D-NE) tried to enact late last
 year. "I think it was obscene what was done. It
 sends a message to minorities that Republicans
 are held hostage to the NAB," he said, referring to
 the bill that severely restricted LPFM.

[This issue delayed because of going to a new
 computer and learning Microsoft Word.]

Until March, when all the usual features return,

Bruce F. Elving

FMedia!

Bruce F. Elving, Ph.D., Founder

THE FM RADIO NEWSLETTER

For the broadcaster and the enlightened media consumer

A newsletter of fact and opinion about FM radio and related technologies—from the publisher of the *FM Atlas*. Published monthly (although when the annual *FM Atlas* is being prepared there may be no issue). Subscription price \$75.00 annually, single copies \$6.50. ISSN 0890-6718. Phoning? (218) 879-7676. FAX: (218) 879-8333. Copyright © 2001, FM Atlas. E-mail: FmAtlas@aol.com.

Vol. 15, No. 3—March, 2001 "Publishing Estate," 241 Anderson Road
Esko MN 55733-9413, USA; <http://members.aol.com/fmatlas/home.html>

New FM Station, Translator Grants

Translators have less than 100 watts unless shown otherwise

- AL Dothan *90.3 9200 h,v; 163 m, Faith Broadcasting, Inc. See also "Deletions."
AK Holy Cross K218DJ *91.5 (KSKO AM McGrath AK translator) 110 watts h
AZ Grand Canyon [Village] *90.3 3000 h,v; 532 m, Northern AZ Board of Regents
CA Ukiah KXBX-FM1 98.3 (booster of Lakeport station), 1000 v
CO Granby KRKM-1 106.3 400 watts h,v; d-a
CO La Junta K211EK *90.1 (WJFM 88.5 Baton Rouge LA), 250 h,v. Petition to deny was denied by the FCC.
CO Lake George K217EH *91.3 (KRCC 91.5 Colorado Springs), v[vertical] [watts h,v]
CO Lamar K217EG *91.3 (WJFM), 100/
CT Brookfield WAXB-1 105.5 40 watts h,v—booster of Patterson NY station.
IL Freeport W214BP *90.7 (WNEE 88.3 Jackson GA translator), h,v. Granted despite a petition deny.
KS Great Bend *91.9 18000 h,v; 79 m, Educational Media Foundation. See also "Deletions."
MN Manhomen KRJM 101.5 25000 h,v; 100 m, R & J Broadcasting
MS Port Gibson W213BK *90.5 (WJFM), h,v
MO Cuba *91.9 5000 h,v; 76 m, d-a, New Life Evangelistic Center
MO Salem KYMR *91.7 6000 h,v; 72 m, d-a (directional antenna), Miracle Radio, Inc.
MT Livingston K254AL 98.7 (KSCY 96.7 Belgrade), h. Had operated on 99.3 as K257AM.
NH Lebanon *90.5 10 watts h,v; 212 m, Green Mtn. Broadcasting. [Educational Bcstg., Inc.
NM Belen *89.3 48000 h,v; 579 m, C, American/
NM Mesquite *89.3 680 watts h,v; 20 m, Sky High Broadcasting. [ted despite a petition to deny.
NY Corning W208BC *89.5 (WJFM), h,v. Gran-/
NC Foxfire (WSW Pinehurst; NE Rockingham) W205CA *88.9 (WCPE 89.7 Raleigh), h,v
ND Jamestown K202DO *88.3 (WJFM), h,v. Granted despite a petition to deny.
OR Hood River *90.1 40 watts h,v; 337 m, KBPS Public Radio, Class A.
OR Welches KZRI *90.3 310 h,v; 530 m, gr, "Air 1," to be \$(tereo), Educational Media Foundation. Located near their KLVP *88.7 Cheryville OR transmitter.
- PA Williamsport *89.7 3300 h,v; -5 m, North-eastern PA Educational TV (see also "Deletions").
SD Rapid City K289AI 105.7 (KSLT 107.3 Spearfish), h. It replaces the former K292DL 106.3.
WA Olympia KFMY-1 97.7 3700 h,v—booster of Raymond WA station. Granted in spite of a petition to deny.
BC Kamloops CFBX *92.5 5 watts h,v; -5 m, "a developmental station" at College of the Cariboo/Kamloops Campus, Community Radio Society. To be in the "FM Atlas."
MB Brandon CIWM 91.5 100000 h,v; 326 m, \$, ke format, to relay CINC 96.3 Thompson.
NB Woodstock CJCJ 104.1 10000 h only, 69 m, m format, \$(tereo), moving from 920 AM
NS Truro CKCL 99.5 16750 horizontal only, 227 m, \$, k, moving from 600 AM, Telemedia Radio Atlantic, Inc.
ON Bancroft CJNH 97.7 50000 h,v; 174 m, \$, rk format, moving from 1240 AM. [John Elliott
ON Sault Ste. Marie 96.3 50 v, 30 m, TlStation/
ON Shelburne *102.5 2600 h, 99 m, d-a, relay of CBLA *99.1 Toronto.
ON Timmins CKTT 94.3 50 watts h,v; 32 m, TlStation, licensed to 1311831 Ontario, Ltd
CKGB 99.3 40000 h, 162 m, k format, to be \$(tereo), moving from 750 AM.
PQ Charlesbourg *103.7 20 watts h,v; 24 m, \$, R. Charlesbourg, a community station.
PQ Rouyn CHIC 88.7 50 watts v, 60 m, mono, French gr format, Andre Curadeau. See also "Deletions," below.
PQ Val d'Or 92.5 50 watts h,v; 25 m, to relay CHUT 95.3 Louvicourt.
SK Moose Jaw 90.9 28 watts v only, 15 m, commercial, to broadcast hockey games of the Moose Lake Warriors, pre- and post-game shows, plus a 1-hour hockey program weekdays at noon. On only during the hockey season, and I plan to put it in the *FM Atlas*. It is to be owned by Moose Jaw Tier 1 Hockey, Inc.
YT Watson Lake VF2364 *105.5, not moving to 102.1. CHWA 102.1 is a separate station. The 105.5 is to be native, e, remove *; it is to be 5 watts vertical, 10 m. CHWA is 3 watts v only, 5 m. Also remove * and t format from VF2330 *99.9 Upper Liard.
- k[ountry]
AZ Fredonia *89.5 KNAY
AR Booneville 104.7 KRBK (KEZU), o
AR Hatfield 104.1 KILX (KBIJ)
AR Mena 105.3 KQOR (KBIJ)
CA Brawley 94.5 KSEH (KWST)
CA Hydenville 94.1 KSLG-FM (KBHN), AM is in St. Louis MO. Facilities to 4500 h,v; 544 m.
CA Manteca 96.7 KMRQ (KKME), "Rock 96.7"
CA Newport Beach 103.1 KSSD (KBGD)
CA Quincy 100.3 KHWG (KSPY)
CA San Luis Obispo 97.1 KLRM (KWQH), S, m, "La Romantica"
CA Santa Monica 103.1 KSSC (KACD)
CA Templeton 100.5 KXDZ
CO Delta *103.3 KPRU (KVOD-FM)
CO Denver *90.1 KVOD (KCFR)
CO Grand Junction 100.7 KMOZ-FM (KSNJ): AM is in Grand Junction CO
FL Apalachicola 105.5 WFCT (WXGJ)
FL Lafayette-Tallahassee 99.9 WYZR (WWFO), r, "99-9 The Rock"
FL Vero Beach 99.7 WGNX (WPAW), o, '80s.
GA Bainbridge 97.3 WFXF (WMGR-FM), "97.3 The Fox." Facilities to 304 m (100000 h,v), 101.9 WJHW, k(ountry) format
GA Port Wentworth *91.9 WLFS (WAYH), gr format coming from WLFJ-FM *89.3 Greenville SC. Is \$(tereo), and IDs with Savannah GA.
ID Rexburg *91.5 KRIC (KWVBH) *100.5 KPRI (KRIC)
IL Arlington Heights *88.3 WCLR [95.1"
IL Carterville 95.1 WUEZ (WXL), m, "Magic/
IL Chicago *88.9 WIIT (WOU), standing for Illinois Institute of Technology
97.1 WDRV (WNIB), r, "97.1 The Drive." The music has "nothing hard—middle of the road classic rock, with absolutely the best stereo separation in the city." No commercials in the first month. "Will the Drive be forced by commercial pressures to take on a morning zoo and a \$1000 song-of-the-day contest (as CD 94.7 was forced to do, with little success)? We'll find out," Mark Jeffries, chivatch@aol.com.
IL Christopher 103.5 WXLT (WUEZ), o, "Real Rock 103.5 The X"
IL Des Plaines 106.7 WZFS (WYLL-FM), gr format, "106.7 The Fish."
IL Galatia 98.9 WISH-FM"
IL Lansing 106.3 WYCA (WYBA), g, paid religion. No "Power 106."

Call Letters Assigned

- AL Eufaula 97.9 WRVX (WDMT)
AL Ozark 103.9 WJRL "FM" (WQLS-FM),

IL Lincoln-Springfield 93.9 WMHX (WYXY), r, hot AC.
 IL Petersburg *88.1 WLWJ {103.3"
 IL Spring Valley 103.3 WVQ (WAV), "Q/
 IN Attica 95.7 WSHP (WGBD)
 IN Auburn 102.3 WEJE (WCKZ), p, "Extreme 102.3" [3-W-D, swapping with Auburn
 IN Churubusco 96.3 WWWD (WEJE), k/
 IN Greenwood 106.7 WTLC-FM (WBKS), s
 IN Hammond 92.3 WYBA (WYCA), sr, urban contemporary, "Power 92." It was 40 years a Christian station. The new format comes from co-owned WYBA 106.3 Lansing IL. It competes with WGCI-FM 107.5 Chicago and WVAZ 102.7 Oak Park IL. No commercials or announcers for two months "It really hurts us from a spiritual standpoint that we couldn't sustain religion," said Taft Harris, general manager.
 IN Roanoke 94.1 WCKZ (WYSR), s format
 IN Versailles *88.1 WKRY
 KS Galena 104.3 KCAR-FM (KBGZ), op; KGAR AM's in Clarksville TX.
 KS Pratt 93.1 KZRD (KDGB)
 KY Smiths Grove 107.1 WUHU (WBLG-FM)
 LA Columbia 103.1 KXRR (KYEA)
 LA Rayville 92.3 KQLQ (KTJC) [The Fox"
 ME Searsport 101.7 WFZX (WBYA), "101-7/
 MA Harwich Port 93.5 WDVV (WYST), "The Vault" [Wave"
 MA Mashpee 101.1 WTVV (WWKJ), "The/
 MA Taunton 93.3 WSNE-FM (WSNE); AM is in Georgetown KY.
 MI Detroit 96.3 WDVV (WPLT)
 MI Frankenmuth 93.7 WZRZ {105"
 MN Cambridge 105.3 WGVY (KZNT), so, "V-105"
 MN Eden Prairie 105.7 WGVZ (KZNS), so, "V-105." No word on any call change for simulcaster KZNR 105.1 Lakeville MN.
 MS Columbia *89.5 WPRG
 MS Petal 106.3 WZLD (WMFM), s, hip-hop, "Wild 106.3" [in Columbia MS
 MS Prentiss 104.9 WCJU-FM (WBFL); AM is/
 MO Salem *91.7 KYMR
 NH Lebanon *90.5 WVFA [Gold"
 NJ Avalon 94.3 WWZK (WCZT), o, "Slammin'/
 NJ Villas 98.7 WCZT (WWZK), m, "The Coast"
 NM Albuquerque 103.3 KTZD (KTBL), pr, adult alternative, "The Zone." Had been stunting.
 NY Hudson 93.5 WZCR (WTHK), "Cruisin' 93.5"
 NC Goldsboro 96.9 WYMY-FM (WKIX), o, '80s hits, parallel to WWMY 102.9 Raleigh, "Star 96-9 and 102-9."
 102.3 WKIX (WEQR), k, parallel to WKXU Burlington, "Kix 101.1 and 102.3."
 NC High Point 100.3 WVBZ (WUBZ), distinguishing it from WUBZ 105.9 Phillipsburg PA. Still "The Buzzard." [Love"
 NC Semora *106.7 WKVE (WPXK), still "K-1/
 NC Southern Pines 100.9 WFM!
 OH Canton 98.1 still WHK-FM, but its primary is now in Parma OH (from Cleveland OH).
 OH Hubbard 101.9 WBTJ (WRBP), ownership change stopped.
 OK Dickson 92.7 KTRX
 OK Owasso 106.1 KQLL-FM (KQLL-FM; AM in Tulsa has new calls) [Jazz 105.9"
 OR Coos Bay 105.9 KYSJ (KYSG), j, "Smooth/
 OR Portland 101.9 KINK (KINK-FM)

OR Reedsport *89.1 KLFR (KAUB) [WBTJ]
 PA Sharpshville 95.9 WAKZ (WTNX; before that/
 SD Vermillion *89.7 KUSD-FM (KUSD). The 690 AM station has deleted, but KUSD-TV *2 came on the air before KUSD-FM; the hypenated call goes to the newer of the two stations.
 TN Karns 93.1 WMYU (WWST), o, "Oldies 93.1"
 TN Ripley 94.9 WKVZ (WTRB-FM) [102.1"
 TN Sevierville 102.1 WWST (WMYU), "Star/
 TX Childress 96.1 KCTX-FM (KSRW)
 TX Georgetown 107.7 KTND (not KTNU)
 TX Odessa 99.1 KCKZ (KLWV), silent pending sale to KQRX 95.1 Midland. Going commercial.
 TX Pearsall 95.3 KMFR (KRNX)
 TX Port Lavaca 93.3 KITE (KVIC), o. Co-owned with Pearsall.
 TX Uvalde 104.9 KVOU-FM (KYUF) [Ranch"
 TX Victoria 95.1 KRNX (KITE), o[ldies], "The/
 TX West Odessa *88.7 KLVW (KWBI), "K-Love," ID with Midland.
 UT Richfield 97.5 KACE (KMGR), calls return to.
 VA Abingdon 92.7 WFHG-FM (WABN-FM), t, mono. AM is in Bristol. [104.9/102.7"
 VA Appomattox 102.7 WMJA (WLDJ), "Magic/
 VA Exmore 106.1 WEXM [95.3"
 VA Front Royal 95.3 WZRV (WDRV), "Oldies/
 VA Petersburg-Richmond 99.3 WPZE-FM" (WPLZ-FM), so, parallel to WPLZ-FM Richmond
 VA Richmond 105.7 WPLZ-FM (WJRC), so, "Magic 105.7." Was briefly silent.
 VA Roanoke 104.9 WMGR-FM (WRDJ), "Magic 104.9/102.7." AM is in Bainbridge GA.
 VA Ruckersville 101.9 WHITE-FM" (WVSY), still "Hot 101.9."
 WA Vancouver 105.9 KSTE (KBET-FM), still "Star 105-9." Has stereo, ID with Portland-Salem OR. KSTE makes it harder to receive KLOO-FM Corvallis OR in Portland, with its classic hits format.
 WV Dunbar 94.5 WZJO (WBES-FM), so, "Jo 94.5"; ID with Charleston. It stunted for one day. [102." Was stunting with frog noises.
 WV Mannington 102.7 WGYE (WTUS), "Froggy/
 WV New Martinsville 99.5 WYMJ (WNMF)
 WV Parkersburg 99.1 WGGE (WXKX), "Froggy 99." It was stunting with frog sounds. Now k, country. On the Internet was this note: "We thank you for your support over the years. A fond farewell from Kix 99."
 WI Birmahwood *92.9 WYNW, to be g, being bought by Evangel Ministries, WEMI *91.5 Green Bay.
 BC Good Hope Indian Reserve 98.1 VF2353
 NF Lewisporte *93.7 (not 93.1) C1FX, to 5 watts v, 12 m
 ON Sudbury 102.9 CKBB, mono, t, T1Station, STIR 102.9, standing for "Sudbury Tourism Information Radio." It is testing, and expects to come on with programming in April. [\$.
 ON Timmins 93.1 CHMT, to be 76 m (3600 h,v),/
 SK Meadow Lake 89.9 VF2355 [\$(tereo)
 SK Regina 91.3 CJTR, to be 94 m (480 h,v),/
 NT Aklavik 90.5 VF2354
 YT Beaver Creek *105.5 VF2359
 YY Carcross *93.3 VF2366; *105.5 VF2360
 YT Eagle Plains *105.5 VF2361
 YT Golden Horn/Whitehorse *100.3 VF2356

YT Haines Junction *105.5 VF2362
 YT Jakes Corner *93.3 VF2365
 YT Mayor's House/Whitehorse *100.3 VF2357
 YT Ross River *105.5 VF2363
 YT Stewart Crossing *105.5 VF2358

Facilities Changes Granted

AL Birmingham WVUSU *91.1 126 m (500 watts), v only, d-a (directional antenna)
 AL Greenville WKXN 95.9 2100 h,v; 171 m, d-a
 AL Montgomery-Troy (from Troy-Montgomery) WTSU *89.9 46000 h,v; 234 m [downgrade.
 AK Anchorage KYMG 98.9 51000 h,v; -46 m, C1/
 KNIK 105.7 (from 105.3) 14000 h,v; 326 m, C1
 AZ San Manuel K285DL 104.9 250 watts h,v,— taking larger size in the FMaps, FM Atlas-13.
 AZ Wellton KBHV 104.5 1750 h,v; 381 m
 AR Fayetteville KUAF *91.3 100000 h,v; 332 m
 AR Hampton KBPW *88.1 60000 v, 103 m
 AR Harrisburg KKEY 95.9 50000 h,v; 150 m, C2
 CA Arcata K265BT 100.9 250 h,v [h,v
 CA Barstow K202DM *88.3 (from K201CG 88.1)/
 CA Byron K207DN *89.3 (from K209CQ 89.7), v
 CA Copperopolis KRVR 105.5 240 m (1000 h,v)
 CA Crescent City KCRE 94.3 25000 h,v (-93 m) [C3
 CA Los Molinos KCEZ 102.1 25000 h,v (81 m, d-a)/
 CA Mecca KRCK-FM 97.7 1340 h,v; 213 m
 CA Paso Robles K288BO *105.5 adds h(orizontal)
 CA Shafter KSMJ 106.7 (from 97.7) 45000 h,v; 115 m, d-a
 CA Yucaipa KLRD *90.1 550 h,v; 1110 m, d-a. Denied informal objection by KSGN *89.7 Riverside.
 CO Boulder KXUU-1 102.1 removes d-a
 CO Castle Rock KJMN 92.1 3600 h,v; 501 m, d-a
 CO Colorado Springs KTLF *90.5 20000 v, 684 m, removing h [d-a
 CO Greeley KDJM 92.5 57000 h, 56000 v, 377 m,/
 CT New Haven WPLR 99.1 15000 h,v; 276 m, as previously authorized. [(100000 h,v)
 FL Big Pine Key WWUS 104.1 (from 104.7) 138 m/
 FL Marathon WWWK 97.7 100000 h,v; 139 m, d-a, C1. Only 36500 h,v at 220 and 230 degrees; full power at 130-150 and 310-340 degrees.
 FL Naples WWSL 104.7 132 m (20000 h,v), moving from 103.1
 GA Montezuma WEGF 95.1 46000 h,v; 119 m, C2
 GA Tifton WOBW 100.3 304 m (100000 h,v)
 GA Valdosta WWRQ 107.9 50000 h,v; 137 m, one-step C2
 HI Poipu K203DV *88.5 (from K201FY 88.1), h,v
 IL Bloomington W255AE 98.9 (from W258AG 99.5), h, but the call letters are the same as for Warren PA 98.9. The FCC is checking this out for me.
 IL Cairo WBEL *88.5 40000 h,v; 170 m
 IL Decatur WYDS 93.1 4300 h,v; 118 m, d-a
 IN Delphi WJNY 102.9 3000 h,v; 149 m
 IN Kentland WWMY 101.7 3200 h,v; 138 m
 IN New Albany WLSY 94.7 3300 h,v; 120 m
 IA Castana KMAP 107.5 100 watts h,v; 120 m, Class A downgrade
 KS Lamed KGTR 96.7 25000 h,v; 77 m
 KS Medicine Lodge KSNS *91.5 48000 h,v (141 m)
 KS Wichita KKRK 107.3 257 m (100000 h,v)
 LA Empire (moving from Grand Isle; Empire is NW Buras) KBIL 104.5 7800 h,v; 259 m, C2
 LA Lafayette K203DN *88.3 (from K201GE 88.1), v
 ME Harpswell WYFP *91.9 99 m (6000 h,v)
 MD Braddock Heights WWVZ 103.9 380 h,v; 278 m
 MD Takoma Park WGTS *91.9 19000 h, 164 m, transmitter to the SW part of Washington DC [d-a
 MD Westminster WZBA 100.7 27000 h,v; 201 m,/

MA Greenfield WPVQ 95.3 570 h,v; 232 m
 MI Alma WQBQ 104.9 6000 h, 2400 v, 92 m
 MI Honor WAIR 100.7 4650 h,v; 113 m [Class C2
 MI Mackinaw City WYZN 94.5 40000 h,v (116 m)/
 MN Ely WELY-FM 94.5 15000 h,v; 299 m, †(), 57 kHz
 MN Willmar K241AM *96.1 (from K240CT 95.9, and
 before that K293AH 106.5), 250 h,v
 MS Biloxi WMAH-FM *90.3 431 m (100000 h,v)
 MS Booneville WMAE-FM *89.5 199 m (85000 h,v)
 MS State College (Mississippi State) WMAB-FM *89.9
 330 m (63000 v)
 MT Laurel KRSQ 101.7 112 m (100000 h,v)
 NH Hinsdale WYRY 104.9 4100 h,v; 122 m, d-a
 NJ Belvidere WWYY 107.1 870 h,v (219 m)
 NJ Eatontown WHTG-FM 106.3 1850 h,v; 128 m, re-
 moving d-a [m
 NJ Freehold Township WPDQ-FM *89.7 5000 v, 27/
 NJ Long Branch WWZY 107.1 2300 h,v; 165 m, d-a
 NM Las Vegas (new) 101.5 25000 h,v; 85 m, d-a, C3
 NM Raton KRTN-FM 93.9 (from 93.7) 26000 h,v; 441 m
 [100 m (100000 h,v)
 NM Roswell KSFX 100.5/ [(869 m), C2
 NM Ruidoso KIDX 101.5 920 h,v/ [91 m, d-a
 OK Comanche KDDQ 105.3 (from 97.1) 6000 h,v;/
 OK Cordell KCDL 99.3 41000 h,v; 165 m, C2
 OK Duncan KKEN 97.1 (from 102.3) and \$(tereo),
 "Kickin' Country." This is part of a complex series of
 moves to allow KEMM 103.3 to move from Commer-
 ce to TX to Allen TX and serve Dallas-Fort Worth as
 a Class C, which it's free to do now, with the change
 expected next month. Other changes involve: OK
 Anardarko KRPT moving from 103.7 to 103.5C1
 (and iDing with Chickasha), KHKC Atoka from
 103.1 to 102.1A [KHKC is off the air pending the
 move; no construction permit has yet been given for
 that move], KDDQ Comanche from 97.1 to 105.3,
 TX Brownwood KXYL-FM from 104.1 to 96.9C1,
 Clifton-Waco KWOW from 103.3 to 104.1C3, Vernon
 KVWC-FM, having moved from 102.3 to 103.1A,
 Wichita Falls KWFS-FM 102.3C1 from 103.3, KQXC
 103.9A from 102.5. Another change, which would
 have been given with "Rulemaking Proposed," is a
 big one—KVST 103.7C La Porte (Houston area)
 from 103.7C3 Willis TX. The change at OK's KKEN
 was to have happened by now, but ice and snow
 slowed progress on the tower. m [-322 m
 OR Oakridge KAVE *88.5 (from 92.1) 400 watts h,v/
 OR Salem KRKS 105.1 439 m (100000 h,v). Lower
 height, but moving its tower closer to Portland, re-
 maining a Class C. [6.9% of its power at 250".
 PA Reading WIOV-1 105.1 adds d-a, with only/
 SC Kingstree WWKT 99.3 19000 h,v; 115 m, C3
 SD Brookings K288EV *105.5 (from K291AH 106.1)
 250 h,v
 TN Colonial Heights WRZK 95.9 6600 h,v; 399 m,
 moving from 105.9.
 TN Lenoir City WKZX 93.5 2000 h,v; 176 m
 TN Morristown WMXK 94.1 (from 95.9), with Colonial
 Heights.
 TN Munford (moving from Kennett MO) KTMO 98.9
 40000 h,v; 346 m, C1. Downgrade to serve Mem-
 phis.
 TN Tazewell WCTU 105.9 (from 94.1) 2150 h,v; 168 m,
 with Morristown.
 TN Tusculum WIKQ 103.1 9000 h,v (68 m), one-step
 C3
 TX Abilene KKHR 106.3 50000 h,v; 56 m, C2
 TX Baird KAGT 95.1 226 m (100000 h,v)
 TX Brownwood KBOB *90.3 5500 h,v; 88 m
 KXYL-FM 96.9 (from 104.1)
 TX Colorado City KAUM 107.1 (from 106.3), with Abi-
 lene
 TX Devine KSJL-FM 92.5 35000 h,v; 177 m

TX Flower Mound KMEO 96.7 89700 h,v; 620 m
 TX Hebronville KAZF *91.9 67 m(3000 h,v)
 TX Kerrville KRNH 92.3 50000 h,v; d-a (123 m)
 TX Lubbock KQRI *90.9 13400 h,v (72 m)
 TX Victoria KEPG 100.9 6000 h,v; 84 m [150 m
 TX Waco KWBU-FM *103.3 (from 107.1) 2750 h,v;/
 VA Norfolk W280CX *103.9 170 v
 VA Williamsburg W261CN *100.1 drops vertical (h
 only)
 VA Wise WISE-FM *90.5 220 h,v (204 m)
 WA Eatonville KFKN 104.9 17000 h,v; 124 m, d-a, C3
 WA Wenatchee KKRK 104.7 (from 104.9)
 WV Berkeley Springs WDHC 92.9 (from 93.5) 6000 h,v;
 100 m
 WI Appleton WLFM *91.1 1750 h,v; 113 m, d-a, with full
 power at 210-270 degrees
 WI Wausau WIFC 95.5 99000 h,v (329 m), Class C and
 drops beam tilt. [beam tilt
 WDEZ 101.9 99000 h,v; 329 m, C, dropping/
 WI Wautoma WAUH 102.3 110 h,v; -5 m, said to be on
 the air with an unknown format.
 WY Thermopolis KDNO 101.7 16500 h,v; 579 m
 AB Red Deer CKGY 95.5 257 m (100000 h,v), \$
 BC Victoria CBCV *90.5 3000 h (494 m), d-a
 NB Fredericton CJPN *90.5 87 m (1560 h,v)
 NS Preston (move from Cole Harbour) CHCN 106.9 20
 watts h, 94 m [only; \$tereo)
 ON Kapuskasing CKAP 100.9 83 m (12000) h/
 ON Toronto CBLA *99.1 55000 h,v (303 m, d-a), reflect-
 ing its "as-built" parameters
 PQ Louivcourt CHUT 95.3 18 m (100 watts h,v)
 PQ St-Augustin CJAS 93.5 no d-a

Stereo—Or to be \$(tereo)

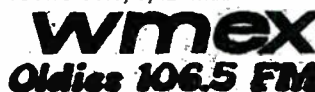
AZ Oro Valley KCMT 101.9, k. To be on late
 spring, and it will "go to 100 kw eventually.
 Our ID will only be Oro Valley. Later we may
 add cities to that."
 AR Osceola KQDD 107.3, op, "The Q."
 CA San Ardo KBDH *91.7, "as far as I know.
 Yes, classical and jazz are our two main mu-
 sics, but we play a whole lot more!"

CIRCLE OF POWER GOSPEL RADIO



FM 91.3 BELLEVUE - OCALA

FL Bellevue WWKO *91.3, ID with Ocala
 IN Chesterton WAJW *89.5, back in true ste-
 reo. "A bizarre station. I won't be listening. It
 still IDs only as WFMU with New Jersey an-
 nouncements. Now that the tower is in
 Michigan City, the signal is better," R.W.,
 Valparaiso IN.
 IN Linton KXJH *90.1, g, ownership to American
 Family Assn. Note "K" call sign.
 LA Arcadia KHCL *92.5
 LA Shreveport KBEB 102.9, r, hot AC, "Mix
 102.9." Was stunting, and before that was off
 the air. "Yes, it's stereo."
 MS Natchez WNJJ 97.3 [Cuba.
 MO Owensville KXMO 95.3, o, ID with/
 NH



Farmington WMEX 106.5, facilities to 2900

h,v; 148 m, d-a. "We just went stereo. So far,
 we are operating with a volunteer manager
 and no commercials. I expect that will
 change in a couple of months. It's an ex-
 panded oldies format. I got the WMEX jin-
 gles from 1510 Boston. You must remember
 that station from your DXing days. I don't
 need your *FM Atlas*. I know all the stations
 around here, but might want another G-E
 Superadio with your Elf-2A tunable decoder,"
 Dennis Jackson, owner. It IDs with Ports-
 mouth—"Lake Winnepesaukee," and no longer
 with Rochester NH. "It serves ice fisherper-
 sons on the lake!" he told me in late winter.
 NH Walpole WLKL 96.3
 NY Norwood WYSI 96.1, r, "Yes FM," parallel
 to WYSK 98.7 Ogdensburg-WYUL 94.7
 Chateaugay NY. "All three ID by city of li-
 cense." [Family Association
 TN Savannah WAZD *88.1, g, American/
 TX Beeville KVFM *91.3
 TX Kerrville KHKV *88.7
 TX Paris KBCV *89.3 confirmed stereo. "All our
 new affiliates are now stereo," Dale Robin-
 son, engineer, KHCB-FM 105.7 Houston.
 AB Falher CKRP 95.7
 AB Lloydminster KCUA-FM 15 97.5

Monophonic

GA Helen WHEL 105.1, nt, no nonID, parallel
 to WGST 640 Atlanta. No longer "Peach
 94.9."
 NY Walton WDLA-FM 92.1 still mono. "We
 won't go stereo until such time as manage-
 ment springs for a new transmitter!"

Format Changes

Formats are the same as in the FM Atlas

AZ Green Valley KCEE 97.1 o, wants KWFM calls.
 AZ Tucson KWFM 92.9 k, "92-9 Coyote Country" (from
 "Cool 92.9"). Calls to change.
 AR North Little Rock KDRE 101.1 m, adult standards.
 "We've had the format for two years now. It's going
 very well. This followed a period of turmoil when we
 were talk, then hard rock. We ID on the hour with Lit-
 tle Rock, and during the hour it's "FM 101 The River",
 except when we give the hourly ID. Stereo con-
 firmed.
 CA Goleta KKSBB 106.3 o, "Oldies 106.3" (before
 that, "Hits 106.3," and earlier, "Kiss 106.3").
 CA Los Angeles KFSG 96.3's change to S, I was to
 have occurred by now, with an LMA leading to
 sale from the Foursquare Gospel Church.
 CA Porterville KIOO 99.7 o, classic hits. Adds Mark
 & Brian.
 CO Glenwood Springs KRVG 95.5 op, Jones.
 CO Greeley KUNC *91.5 c, \$, as has been. Local
 listeners prevail, with Colorado Public Radio not
 taking over and turning it into a monophonic re-
 layer of KKYD *1340 Denver. The Friends of
 KUNC put together a bid of \$1.9 million, which
 persuaded the University of Northern Colorado
 trustees to reject the KKYD offer, which had

been raised to \$2.6 million, including \$650,000 to match a KUNC endowment created by listeners over the past three years. The license will transfer to the Friends of KUNC.

- CT Hartford WZMX 93.7 sr, as heard on WJMN 94.5 Boston, WQHT 97.1 New York. "Hot 93.7" (from "Z 93.7"). "They seem to change every couple of years!"
- FL Newberry WHH 100.5 r, CHR, "Z-100"
- GA Macon WMKS 92.3 o, classic hits
- WDCN-FM 99.1 k, "Best Country FM 99." Did not change to CHR as shown, Feb. p. 3, col. 2.
- GA Swainsboro WELT 98.1 r
- GA Waycross WWSN 103.3 m
- IL Dundee WZCH 103.9 S, r
- IL Elgin WJKL 94.3 gr, "K Love" (from "The Fox"), LMA with Educational Media Foundation, but retains commercial operation for a two-hour weekly bloc. WJKL owner Rick Jakle (hence the call letters) also owns WBIG 1280 Aurora and WRMN 1410 Elgin. [(from "Viza 92.7")]
- IL Herrin WVZA 92.7 r, top 40, "92-7 Kiss FM"/
- IL Kankakee WRZA 99.9 S, r, with Dundee.
- IL Peru WBZG 100.9 still rp. Adds Bob & Tom.
- IN Danville WEDJ 107.1 S, l, no "Rock 107" [Tom
- IN Jeffersonville WQMF 95.7 still op, adds Bob & IN Lafayette WAZY-FM 96.5 r, top 40
- IN Petersburg WBTO-FM 102.3 r, "adult rock"
- LA Basile-Lafayette KQIS 102.1 r, hot AC, still "Kiss 102.1." KQIS seems to shift in and out of AC formats "every several months."
- ME Winter Harbor WNSX 97.7 op
- MI Flint WWCK-FM 105.5 r, CHR
- MN Albany KDDG 105.5 o, and no "The Edge." Since 1995, they've been oldies, country, hot AC, alternative and oldies again.
- MN Lakeville KZNR 105.1 so, "V 105" (from "Zone 105"). See also "Call Letters" above. MN Cambridge WGVZ 105.3 has reversed stereo compared to the other stations.
- MO Ashland-Columbia KOQL 106.1 so, "Kool Jammin' Oldies" (from "Cool 106.1").
- MO Springfield KMXH 96.5 sr, "Power 96.5 Jams" (from "Max 96.5") [no "Radio Romantica"]
- NV Las Vegas KRRN 105.1 still Spanish, now S, r,
- NM Santa Fe KKSS 97.3 r, "mainstream CHR"
- NY Buffalo WBUF 92.9 op plus Howard Stern. Had been stunting with *Rock You* by Queen. Uses calls: "WBUF 92.9 Buffalo's Rock Station" (from "B 92.9").
- NY Conklin WCDW 100.5 still r, adds The GreaseMan, Doug Tracht, from the Washington DC market. He was forced off the air in early 1999 after saying on WARW 94.7 Bethesda MD-Washington DC he's in favor of certain black people being dragged behind trucks. This is the first FM station that he's back on with. Also coming back (March 26) is "Bubba the Love Sponge." See story below, right this page, FL Clearwater about "Bubba the Love Sponge" coming back.
- NY Corinth WHTR 93.5 o, "Wheels 93.5"
- NY Fredonia WBKX 96.5 m, "The Bull" runs away.
- NY Hudson Falls WFFG-FM 107.1 k, "Froggy 107"
- NY Lake Placid WLPW 105.5 still m, adding classic hits overnight
- NY Tupper Lake WRGR 102.3 op
- NC Hope Mills WCCG 104.5 s
- NC Jacksonville WQSL 92.3 s, "Q-92," dropping "Carolina's Hit Music."
- OH Lima WLSN *89.3 gr
- OH South Webster WZIO 94.9 pr [Cool 100"]
- PA Bradford WBRR 100.1 o, "Hero Radio" (from/

- PA Central City WSR 101.7 o, had been stunting
- PA Tunkhannock WEMR-FM 107.7 m, parallel to WMGS 92.9 Wilkes-Barre. No "Hot 97.1 & 107.7."
- SC Hilton Head Island WFXH-FM 106.1 r, "Rock 106.1" (from "Fox 106.1")
- SC Seneca WPEK 98.1 r, hot AC, "Q 98.1," stereo (from "98-1 The Peak")
- SC Sumter WICI 94.7 r, top 40, "Mix 94.7" (from "Choice FM"). LMA with Miller Communications' WIMZ 95.5 Wedgefield-WKHT 93.7 Bishopville and an AM.
- TN Bulls Gap WBGQ 100.7 m
- TN Lenoir City WKZX 93.5 m
- TX Benavides KXTM 107.7 S, l
- TX Electra KOLI 94.9 k, classic. No "Oldies 95."
- TX Port Isabel KVPA 101.1 sr, no "Classic Rock FM 101" [Jammin' Hits.]
- TX Tahoka KAMZ 103.5 sr, "103.5 Jamz,/"
- UT Roy KFVR-FM 107.9 r, top 40, "Diana" (from "The Fever 107.9"), parallel to KYKN-FM 103.9 Nephi. [93.9 Tumens Falls MA.]
- VT Marlboro WSSH 101.5 ke, parallel to WRSI/
- VA Ruckersville WWSY 101.9 r, "Hot 101.9."
- WA Yakima KHHK 99.7 r, "Hot 99.7" ("The Hawk" flies away)
- WI Menomonie-Eau Claire WMEQ-FM 92.1 pr, "hard rock," now "Rock 92.1" (from "Classic Rock 92.1"). "The change could be a big break for WISM 98.1 (Altoona WI), the remaining classic rock station" in the market.
- WI Sturgeon Bay WLTM 99.7 r, hot AC, "Magic 99.7" (from "Lite 99.7"). Now with Rick Dees mornings and "more upbeat."
- NB Saint John CHWV 97.3 m, \$.
- CINB 96.1 gr, \$[tereo]

*Regarding format codes, [I think] it's unfortunate that, after all these years, you are entertaining the idea of relaxing your standards of consistency. In the early '70s, before things got so complicated, you developed an elegant and unambiguous way to list a station's format. But as music has become more segmented and diverse, the *FM Atlas*' format codes have evolved into a complex set of combinations and permutations that in some instances are no longer logical. Maybe it's time to dump everything and go with industry-wide definitions and codes. . . With your new computer and Microsoft *Word*, disc space shouldn't be a problem, and maybe you can finally set up a true database." N.L., Atlanta.

On Air—Real Stations and Pirates (Selected)

CA Santa Barbara 87.9 at the First Baptist Church. Sunday mornings only. "I had first heard of First Baptist Church's church-service FM signal broadcasting back in 1979 when I visited that church for a Sunday evening program, and someone there told me of their FM for the . . . benefit of anyone in other rooms on their property and in their parking lot. I . . . forgot about it, until just recently (after 22 years) and was deciding to check it out. So, on Sunday morning Jan. 28, 2001, I drove over there and there it was on 87.9 (don't know what frequency it might have been back in 1979). It was reasonably clear, though with low volume," D.P.S., Santa Barbara. Also on from two Gold's Gym locations in the area were various low power FM transmissions for use by patrons. In Goleta were several sig-

nals, including 96.1 stereo. The latter was relaying KNBC-4 Los Angeles with music segments heard with audio separation.

CT Pomfret WBVC *91.1 with "variety."

DE Selbyville WOCM 97.9, but scheduled to go to 98.1 April 1.

FL Clearwater WXTB 97.9 brings "Bubba the Love Sponge" Clem back as of March 26. He was suspended "indefinitely" from his talk show after the stations received "stacks of mail objecting to the castration and slaughter of a wild boar in the parking lot." Hundreds of people sent letters to the station and to police decrying the Feb. 27 event, labeled as a "road kill barbecue". WXTB confirmed the suspension, but would comment no further. Tampa police were investigating whether the kill constituted animal cruelty. It's "great publicity for Clear Channel stations. [Clem] is a disgusting redneck version of Howard Stern."

FL Jacksonville 95.7 pirate, mono with reggae. It is or was strong in the NW part of the metro.

GA Macon WAYS 105.5 (from 99.1), still o. But nearby WYAI Bowdon GA hasn't yet moved from 105.5 to 105.3. In order for WYAI to expand, not only did WAYS have to move, but WQSB 105.1 Albertville AL, reduced its power and station class (C3). Clear Channel paid Sand Mountain Broadcasting (WQSB) to downgrade and go directional away from Atlanta.

IA Mason City KBDC *88.5, with AFR programming. Currently running only 1 kw (not 3000 v) "because that's all the transmitter being used can kick out." It's applied for 66 kw.

MN Waseca KRUE 92.1—but just barely. A blower motor in the transmitter blew, and the station is running just its exciter. The transmitter is out of town, and the station cannot be heard in its city of license.

NY Mount Kisco W205BM *88.9 with WMNR 88.1 Monroe CT. "It has a pretty potent signal on 88.9 FM, obliterating the religious WFRS on Long Island and the Staten Island college station [WSIA 88.9, which must have come back on the air (see Jan. p. 3, col. 3)]. . . It's strong enough that even with a high-1 trap I can't notch them to hear WFDU/WNYU (89.1) down in the city, and I'm barely 40 miles north [of them]. . . I feel like a disgruntled common end-user. I really like WFDU's programming, and this translator is first adjacent that blows WFDU off the band where I am [Croton-on-Hudson NY]. I can hear WMNR directly just fine in this area. What is the point of the translator (outside of growing their pledge dollars)? WFUV (90.7 New York) is using the same strategy. The noncommercial station marketing and managing itself like a commercial entity. Fordham University has taken a wonderful resource for students and built it into a cash cow for the university that has very little to do with the students at all. It's a shame. So many of my peers came from that station and got their first experience in radio there. Not one student is on the air any more. . . Greed rules. Hope all is well, and *FMedia!* is still a must read," K.Z., CBS, New York.

NY New York WCBS-FM PA Philadelphia WUSL 98.1 not giving weather "four hours at a time. . . It's amazing as a potential blizzard is only 24 hours away." Stations believed to be voice-tracked over the weekend.

PA Scranton W291AP *106.1 (having moved from 105.9 as W290AB). Now with "more power and coverage."
 WA Oroville 105.1, Tonasket 106.9, with operator Mark Allen Rabenold attacking the mental competence of the federal judge trying him, contending the judge is a "prisoner of war." Judge Cynthia Imbrogno "is confused and cannot form an answer. It might be a level of incompetence [and she suffers from] emotional instability." Imbrogno told him, "I am not here to answer your questions." He was ordered held in the Spokane County Jail without bail. See last month pp. 5-6. Er, uh, maybe the stations are off if Rabenold is cooling his heels in jail.

WI Mishicot-Green Bay WZOR, "Razor 94.7," has returned after being off March 6-24 because of a fire. It was to have come back on the air as a C3, but there's "no upgrade, just repairs." The upgrade is supposed to happen by the end of April.
 ON Sudbury CBVS *90.1 and CBBX *90.9—both on the air, testing in stereo. "In 1996, we had only four local FM radio stations in Sudbury and now in 2001, we have at least 11 FM stations and presumably more to come. The Sudbury FM radio band is getting busy. Yawn!" L.T., Chelmsford ON by e-mail.



ON Toronto "C'est Qui 106.3 FM" on temporarily, unsure of Industry Canada calls for this station which "comes on from time to time. . . Origin is the local Francophone society, which was unsuccessful in its bid for a fulltime station in the applications round a year ago. Last time, it transmitted from the Yonge St. and St. Clair Ave. area of central Toronto," S.C., Toronto.
 ST. LUCIA 96.7 FM, parallel to 555 AM.
 ST. VINCENT AND THE GRENADINES—99.9 "WEFM" and "The Nines" in stereo.

Off Air—Or Not Yet On

AR Conway KUCA *91.3, said to be shutting down. Students at the University of Central Arkansas are going increasingly to new media, or to sister KCON 1230 AM. KUCA's \$143,000 budget is being transferred to other departmental area.
 FL Tampa 102.1—Leslie Brewer's illegal FM may cost him the licenses of his amateur and mobile stations. That's because he has failed the FCC's "character qualification" rule. He also was caught selling an unapproved FM transmitter to an FCC agent. Besides stripping him of those licenses, the FCC fines him \$11,000. I assume the station is off the air.
 MD Snow Hill WQMR 101.1
 OR Eugene—"Radio Free Cascadia," which called itself an alternative source of community news and political and social commentary. Federal agents showed up with a search warrant, battering ram and drawn guns. They carted off equipment from 77 N. Polk St. It is said to have operated three years with no problems.

Deletions

AL Dothan W212AS *903. See "New" above.
 R Harrison K215BR *90.9
 GA Atlanta W264AE *100.7: "Georgia Public Radio (the new name for Peach State Public Radio)

had hoped to find another frequency, but nothing was available."

Due to the arrival of a new broadcast station at 100.5 FM in Atlanta, Georgia Public Radio is no longer able to broadcast from its transmitter at 100.7 FM. We invite you to listen online at www.gpr.org.



IA Sibley
 KAJQ 100.3: See "Rulemakings," below.
 KS Great Bend K220GG *91.9 (see "New")
 NY Truxton WXXC *88.7 files for reconsideration.
 NC New Bern W211BL *90.1, grant rescinded
 PA Williamsport W207AA *89.3—same licensee as new 89.7 there.
 TX Sherman K218BY *91.5. It was opposed by Criswell, licensee of KCB1 *90.9 Dallas.
 PQ Rouyn-Noranda CIRC 88.7—see "New," PQ Rouyn.

FMistakes—FM Atlas-18, FMedia!

CA San Francisco KMEL 106.1 †X, 67. Actually, it's on 76 kHz. See Dec. '97, p. 5, col. 1.
 IA Bloomfield K212DU *90.3, not 90.1, Feb. p. 1, col. 1. [p. 1, col. 2.
 TX Huntsville K216FL *91.1 (not 91.7), Feb./
 PQ Les Mechins 103.1 CJMC-3, not "CJMC-13," Feb. p. 1, col. 3.
SCServices, 57, 67, 92 kHz
Symbols are as in the FM Atlas
 AL Montgomery WHHY-FM 101.9 SCS (had †M, 67)
 CA Los Angeles KBIG 104.3 no †, G. "The Mormons actually lasted a week longer than they said it would. Now the 92 is vacant."
 CA San Francisco KEAR *106.9 no †X, 67.
 GA Atlanta WNNX 99.7()
 GA College Park-Atlanta WWWWQ 100.5 no SCS (57 or 67), unlike what it had when licensed to Anniston AL as WHMA-FM. NonID "Q 100" used more often than the "long-winded . . . 100.5 Hot Hits Q 100, and they don't ID with Atlanta any more. [This] doesn't really make any sense because they're most definitely an 'Atlanta' station. Format remains rs, rhythmic top 40, although it is being fine-tuned somewhat"

GA Hogansville WMAX-FM 98.1 †()
 GA Smyrna WSTR 94.1 †()
 PA Williamsport WKSB 102.7 †(), T
 ON Ottawa CHUO *89.1 †
 ON Sault Ste. Marie CBSM *89.5 †(), reading "CBSM."
 PQ Laval CFGL 105.7 †

NonIDs, Not Just Slogans

Mentioned usually without call letters; "strict" if a station uses call letters once per hour (at or near top of hour) as required by FCC and Industry Canada
 AL Birmingham WYSF 94.5 Y 94.5 Today's Soft Rock (from "Soft Rock 94.5") [Hits 99]
 WZRR 99.5 Classic Rock 99-5 (from "Classic/
 CA Bakersfield KKXX-FM 96.5 Kiss 96.5 (from "96 X"), in spite of KISV 94.1 using "Kiss FM" for three years. Clear Channel, new owner of KKXX-FM, is suing KISV for exclusive use of the "Kiss" identifier.
 FL Tallahassee WBZE 98.9 Z 98.9 (from "Star 98.9"), still r, now top 40.
 IL Skokie WTMX 101.9 The Mix
 IL Zion WTNX 96.9 The Mix
 LA Shreveport-Bossier City KITT 93.7 Kiss Country 93.7 (from "Cat Country")

NY Loudonville WVCR *88.3 The Saint, now with full Class B facilities of 2800 h.v; 256 m. Before it was hard to get in student dormitories of Siena College, its licensee. It started in 1960 with only a 10-watt transmitter, which made it hard to hear across campus. Format still sr, which doesn't distinguish it from many commercial stations, except it has gospel and polka music on Sundays.
 TX Houston KIKK-FM 95.7 Kick FM (from "Kick 95.7"). Still country, but mixing some rock and "Americana" music.
 WA Seattle KBTB 95.7 The Beat
 ON Barrie CKMB 107.5 Star 107.5
 ON Toronto CFXJ 93.5 Flow 93.5
 NL MontereayXHMN 107.7 Imagen (from "Stereo 7")

Multi-City IDs In Use

GA Buford WLKQ-FM 102.3 with a lake (Lake Lanier). Corrected from "Atlanta-Buford." NonID used most often is "Oldies Lake 102 FM."

Selected AM Happenings

AZ Black Canyon (Phoenix) KUET 710 silent
 CA Redding KAZT 600 reported silent. Its sports format moves to KNRO 1670.
 CO Denver KKYD *1340 formerly religion is off the air, but scheduled to return by April 1 with a public radio news-talk format.
 CT Hartford WTIC 1080 and TX Dallas KRLD 1080 held a coordinated sign off the early morning of Sunday, Mar. 18. The joint sign-off of the two Infinity stations was for equipment adjustments, and to clear the channel for DX enthusiasts—hearkening to the early days of AM radio when stations would sign off so radio fans could try for distant stations. I caught part of the WTIC announcement at 12:34 a.m. CST: "Hi this is Jeff Hugabone, chief engineer. [We're] leaving the air. Radio enthusiasts may hear long-distance signals on 1080, if their radio is of good quality. Rest assured, News-talk 1080 WTIC will return to the air in less than an hour." The sign off, of the two stations was arranged by Hugabone, who mentioned KRLD being off the air and the National Radio Club. The WTIC calls were heard at 12:29 a.m., going into the news with Steve. I hadn't heard WTIC here in the Duluth area since the early 1950s. With KRLD, the dominant station here on 1080 being off, WNW1 Oak Lawn-Chicago was clearly received. WNW1 has moved from Valparaiso IN, where it had been silent.
 IL Chicago WYPA 820 was to have been brokered ethnic, but becomes sports. It at one time was "The Score," but debuts as a One-On-One Sports affiliate.
 IN Michigan City WIMS 1420 parallel to WJOB 1230 Hammond. "Michigan City lost its AM station. It only carries Hammond news and announcements."
 MD Brunswick WTRI 1520 had been silent. Now Korean. Other stations in the Washington area recently embracing Korean are WPWC 1480 Dumfries VA (which had been silent) and WKDV 1450 Manassas VA (which had been ethnic and classical).

MI Muskegon WKBZ 1520 had been silent. Now Radio Disney.
 NJ Newark WNSW 1430 gives up on adult standards. Arthur Liu's AM station signal "was never adequate to cover the market, and some say the quality of the programming wasn't up to its predecessors," such as WNEW 1130-WQEW 1560 New York. The nighttime brokered ethnic programming expands to daytime hours, consisting mainly of Cantonese Chinese from 5 a.m. to 7 p.m. It has Spanish talk overnight.
 PA Johnstown WSBO (formerly WODZ) 850 now sports. Was parallel to WVSC 990 Somerset PA, and at one time they gave joint IDs.
 WI Chilton WMBE 1530 back on the air. It was the "Voice of the Sturgeon General," broadcasting to ice-fishing shacks on Lake Winnebago.

FMakings—Selected FCC and Industry Canada Applications

USA—536 low power FM applications were filed in Window 3, which ran from Jan. 16-22. Those applications will not be printed in FMedia! due to the fact that the FCC appears to have put the brakes on low power FM. See related story below. For a listing of LPFM applications go to <http://christiancommunityfm.com/scorecard.htm>. The applications in Window 3 covered the states of Colorado, Delaware, Hawaii, Idaho, Missouri, New York, Ohio, South Carolina, South Dakota and Wisconsin.
 AL Ozark WAQG *91.7 3000 h,v
 AZ Colorado City KCCA 107.1 34000 h,v; 344 m, C1
 AZ Phoenix KBAQ *89.5 30000 h,v
 CA Portola 98.9 (KBNF 98.9 Chester)
 CA Tracy *89.3 (KAWZ 89.9 Twin Falls ID translator)
 CA Victorville KVFG 103.1 250 h,v; 475 m
 GA Lyons WLYU 100.9 6000 h,v
 GA Swainsboro WXR-FM 100.5 25000 h,v; 84 m, C3
 IA Bloomfield KXOF 106.9 (from 106.3) 14000 h,v; 112 m [University
 KY Corbin *88.5 21000 h,v; 152 m, d-aq, Eastern KY/
 KY Science Hill *88.5 no facilities announced Western KY University [Media Foundation
 KY Somerset *88.1 6100 h,v; 138 m, Educational/
 LA Natchitoches KDBH 97.3 94 m
 LA Richwood KHLL 100.9 25000 h,v; Class C3
 MA Hyannis WPXC 102.9 25000 h,v; one-step B1
 MI Cadillac WKJF-FM 92.9 72000 h,v; 278 m, C1 downgrade
 MI Highland Park WHPR *88.1 90 watts h,v; 34 m
 MN Mankato KEEZ 99.1 90000 h,v; 239 m
 MN Walker KLLZ 99.1 302 m
 MO Garden City KGAR 105.1 260 m
 MT Red Lodge KMXE 99.3 13000 h,v; 363 m, C1
 NV Henderson 107.9 (KVGS 107.9 Laughlin NV)
 NC Franklin WNCC-FM 96.7 360 h,v; 400 m, d-a
 TX Galveston KLTO 105.3 (from 104.9) 6000 h,v; 55 m [84 m, C3
 TX Kermit KERB-FM 105.7 (from 106.3) 23500 h,v/
 TX Missouri City (moving from Rosenberg) KOVA 104.9 2700 h,v; 299 m, C3
 WA Seattle KYPT 96.5 49000 h,v; 698 m
 WV Sutton WCKA 97.1 22000 h,v; 229 m, B (from B1)
 ON Toronto CJBC-FM *90.3 5730 h,v at a new site
 CANADA: The CRTC is asking for public comments on its policies for low power radio. The consolidation in radio in Canada is mentioned by the CRTC as the reason for seeking review now. Like in the U.S., there's concern that consolidation may be affecting local programming and the ordinary citizens' access to the media. The deadline for comments at the CRTC is May 7.

FM Rulemakings Proposed

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

AL Ardmore 98.3C1 (from Pulaski TN 98.3A), WKSR-FM, Apr. 24, May 9.
 AL Brilliant (from Winfield) 105.9A, WKXM. New site would remove short-spacings to WGTX 105.9C Memphis TN, WJEC 106.5 Vernon AL and WENN 105.9A Trussville AL, with Pleasant Grove.
 AL Moundville (move from Tuscaloosa) 105.9A for 105.5A, WRTR, with Pleasant Grove.
 AL Pleasant Grove 105.5A (move from Trussville 105.9A), WENN, Apr. 24, May 9.
 AL Scottsboro 103.5A for 98.3A, WKEA, with Ardmore AL
 AZ Dolan Springs 92.7C (from Kingman 92.7C1), KRCY Apr. 23, May 8.
 AZ Morenci 105.9 Apr. 16, May 1
 AZ Parker 97.3C3, McMullen Valley Bcstg. Co., % Mark N. Lipp and James E. Morgan, 600 14th St NW, Washington DC 20005, at 10.8 km S. because of a new 96.7C2 at Lake Havasu City AZ, May 17, 22.
 AZ Quartzsite 107.3A, same petitioner as Parker, at 13.7 km E because of a Mexican 107.1B allocation at a Ciudad __, May 17, 22.
 IL Abingdon 98.3A at 12.3 km SE, by Abingdon Broadcasters, May 17, 22 [Abingdon.
 IL Canton 103.3A for 98.3A, at 9.4 km S, with IA Emmetsburg 100.1C3 for A, KEMB, with Sibley.
 IA Sibley 100.3A—delete unused assignment. KAJQ, 21st Century Ventures' permit expired Dec. 21, 2000. "If an expression of interest is filed during the comment cycle, we would retain the channel at Sibley." Apr. 23, May 8.
 LA Bordelonville 103.9A, Bramah Bcstg., of 8677 St. Joseph St., New Roads LA 70760, May 7, 22.
 LA Leesville 98.3A, Stargazer Bcstg. Of Woodville TX is the petitioner, at 1.7 km W because of KKST 98.7C1 Oakdale LA, ay 17, 22.
 ME Monticello 94.7A by Allan H. Wiener, East Road, Monticello ME 04760, at 10.8 km N because of WSYY 93.9C2 Millinocket, Apr. 23, May 8. [2, 17
 MI Cass City (from Caro) 92.1C3, WIDL, Apr./
 MS Okolona (from Columbus) 103.9C2, WACR. With AL Trussville. WQEN will pay WACR for its transmitter relocation.
 MO Junction City 106.9A, by Bishop Community Radio of Evansville IN, at 9.2 km NE because of KAUL 106.7A Ellington, Apr. 9, 24. [2, 17
 MO Windsor (from Warsaw) 98.5A, KWEJ, Apr./
 NY Fairport (from Avon) 93.3A, WBBF-FM, April. 23, May 8. [23, May 8
 OR Mollalla (from Salem) 105.1C, KRSK, Apr./
 TN Walden 103.7C3 (from McMinnville 103.9A) WTRZ, Apr. 24, May 9
 TX Valley Mills 95.3C2 at 27.8 km W because of proposed 95.1C2 Caldwell TX, V.M. Radio, petitioner, Apr. 9, 24.

FM Rulemakings Finalized
Filing periods delayed pending announcement of auctions

AL Pine Level 97.5A, Susannah L. Hodges

AZ Huachuca City 94.3A at 11.9 km SW because of KXKQ 94.1C1 Safford AZ. [Bcstg.
 AZ Rio Pico 107.9A, requested by Santa Cruz/IA Whiting (Sioux City) 101.3C2 (from Blair NE 101.5C3) KISP, but premised on the activation of 97.3C3 at Blair to prevent the loss of Blair's sole radio service. KDCV *91.1 doesn't count as it is a Class D station, "subject to interference and displacement." To be at 11.2 km NE at petitioner's requested site.
 KY Auburn 96.7C2 (from Bowling Green 96.7A), at 31 km NE at petitioner's proposed site, WBVR. [at petitioner's requested site.
 KY Bardstown 98.9A for 96.7A, 13.1 km NE/
 KY Lebanon Junction (from Bardstown) 107.3A, WOKH, not moving to 96.7A, at 13.6 km SW at its requested site.
 MO Lowry City 104.9A at 13.5 km SE because of KGAR 105.1C1 Garden City, requested by Bott Broadcasting.
 The FCC reaffirmed its noncommercial rules in cases of conflicting applications in the 87.9 through 91.9 mhz part of the band. Several religious broadcasters had objected.

FM As it Was—Or Might Have Been (Continued)

Bruce M. Glycadgis, chief engineer, WJEF-FM 93.7 Grand Rapids MI, wrote an article in *RCA Broadcast News*, Nov., 1962, which is herein partially reproduced:

The birth of WJEF-FM goes back nearly 17 years to 1946. It was during 1946 that the Fetzer Broadcasting Company obtained its first construction permit for WJEF-FM. This CP was for the, in those days, unheard of power of 500,000 watts (ERP).

The company was immediately confronted with many complications arising from the fact that equipment capable of producing 500,000 watts (ERP) such as the "RCA 50 kw Transmitter" and "RCA 12-Section High-Gain Antenna" were not readily available. There was also the problem of obtaining a suitable antenna site with adequate a-c power available for such a powerful transmitting plant.

In 1950, the Fetzer Broadcasting Company constructed WKZO-TV (3). It immediately became apparent that the TV tower would also be suitable for an FM antenna at reduced power. On June 25, 1951, WJEF-FM took to the airwaves with an effective radiated power of 115,000 watts. WJEF-FM operated from this site for 10 years and in 1961, WKZO-TV moved its transmitter to the new Gun Lake site, located halfway between Grand Rapids and Kalamazoo. When the new TV transmitting equipment was placed into operation, it made equipment on hand, such as the "RCA 25AL TV amplifiers" available for the FM operation and to fulfill, after 10 years, WJEF-FM's dream of serving the people of western Michigan with a one-half-million-watt signal.

During this entire period of time, the income of WJEF-FM was not great enough to pay the power bill, but the Fetzer Broadcasting Company has always had great faith in the possibilities of FM and felt that it was in the interest of all of the radio public to keep this FM facility on the

air for the public's enjoyment. In order to realize some income from the operation, the Fetzer Broadcasting Company purchased a Muzak franchise for western Michigan and began the first multiplexed operation in this part of Michigan. The increase in power to one-half-million watts (ERP) produced even greater multiplex potentials which coincided with the initial decision to purchase the Muzak franchise. All this took place during the years that FM stations all over the country were going off the air because they felt FM could not exist with TV and AM. WJEF-FM radiates its signal to an area 90 miles in radius from the transmitter site. In addition to its metropolitan-area coverage, it covers a great rural area that would not otherwise receive service from a lower-power transmitter.

WJEF-FM uses a 12-section gapped-ring antenna (BFA-12A) attached to one leg of the TV tower at the 800-foot level. Center-fed, this array provides a power gain of 12.5 and raises the 50 transmitter output to 500 kw ERP. . . It provides substantially circular coverage over a 25,000 square-mile area. This includes Kalamazoo and Battle Creek on the south, Grand Rapids to the north and Lansing to the east, plus dozens of smaller municipalities at all points of the compass. The transmitters of both stations, TV and FM, are housed in a modern, well-engineered building of prestressed concrete, clad in aluminum and buff-colored brick. The 1100-foot antenna tower stands immediately outside the north wall to practically eliminate outdoor-horizontal runs of transmission lines to the antennas. Locating the tower so close to the building presents a falling-ice problem during the Michigan winter. However, this is overcome through a specially-designed roof on the structure that withstands the potential damage of the falling ice.

When WJEF-FM went on the air, management decided the station should generate its own programming. The staff spent many months surveying and devising the programming that is now a part of everyday operation. WJEF-FM programs its educational and informational shows throughout the day instead of early hours of the evening. The surveys also pointed out that the listener desires large blocks of time set aside for each musical category. As a result, WJEF-FM maintains a considerable disc- and tape-recorded library which provides an excellent range of literature in each musical category.

The SCA subchannel programming comes from two long-play tape machines located in the main control center adjacent to Studio 1. These two machines operate almost completely unattended. The signal from these machines travels via multiplex microwave to the transmitter site. Here it modulates a 67-kc sub-carrier of a Type BTX-1A Multiplex Generator which, in turn, modulates the BTE-10B Exciter in the FM transmitter.

A portion of each day's programming is transmitted in multiplex stereo (FM Stereo), using an RCA BTS-1A Stereo Subcarrier Generator mounted at the top portion of the center cabinet in the BTF-10D FM transmitter. Since

introducing stereo programming, WJEF-FM has built up a separate stereo record library.

The primary signal-coverage area serves more than a million families. More than 50 percent of these families have indicated, via mail, that WJEF-FM was the first FM station they ever heard. In many cases, the primary reason for buying an FM receiver was word-of-mouth praise for WJEF-FM programming by a neighbor or friend. It's important to note that most of these new listeners are located in rural areas and quite, possibly, would have no FM service were it not for the half megawatt signal of WJEF-FM.

Fetzer Broadcasting management believes that high power and high fidelity go hand-in-hand. The two converted RCA TV transmitters provide 50 kilowatts of transmitter power for WJEF-FM. The availability of this equipment made it possible to fulfill a dream of serving the people of western Michigan with a one-half-million-watt signal.

[I have a letter from Glycadgis, Oct. 1, 1953 responding to my reception report of WJEF-FM in Duluth MN: "Your reception report of WJEF-FM on September 26, 1953 is very pleasing news as we were not aware that our signal was getting out so far. For your information the effective radiation power of WJEF-FM is 115 kw. And



FETZER BROADCASTING COMPANY

our operating schedule is 7:00 AM-12:05 AM. Thanks for the report and hope to hear from you again.]

Now, from the 1950 *Broadcasting Yearbook*, a listing of stations having ERPs (effective radiated powers) above 100,000 watts. These include authorizations. Very few of the stations listed actually achieved the powers listed:

- 93.1 WKAT-FM Miami Beach 324,000
- 93.3 WTMJ-FM Milwaukee 322,000—achieved. I heard it in Duluth MN and Hancock MI when it was at that power.
- 93.7 WJEF-FM Grand Rapids CP 550,000
- 94.1 WGST-FM Atlanta 345,000
- 97.1 WTCN-FM Minneapolis 400,000 (not achieved)
- 97.9 WRFD-FM Worthington OH 340,000 CP
- 99.5 WAFM Birmingham AL 540,000
- 101.5 WJBC-FM Bloomington IL 311,000
- 105.7 KXEL-FM Waterloo IA 540,000 (not achieved)
- 107.7 KFSA-FM Fort Smith AR 497,000

FCC "Buries" LPFM

The latest rumor is that the FCC has decided to toss LPFM in the nearest dumpster! writes John Broomall, who maintains an LPFM website. While I certainly hope and pray that this is false, more and more groups are getting very frustrated with the delay and silence from the FCC. Over a year ago the FCC promised windows at three month intervals. June and September were on schedule. Everyone excused the FCC for missing November and blamed Congress. Everything returned to normal on

Dec. 15. In announcing window three, the FCC repeated its commitment for having windows at three-month intervals.

Apparently the opening of window three on Jan. 16 was the start of a new three month pattern. But window four will not be April 16, since the FCC missed the 30-day notification deadline. At NRB (National Religious Broadcasters), Roy Stewart of the FCC told me that grantables would receive their CPs "within the month." It didn't happen within the month of February and it didn't happen within 30 days either.

For many months the changing banner at the top of the FCC's home page bragged about LPFM. On the right side of the home page the third or fourth story down was about LPFM. Both are gone; the information buried. LPFM was briefly mentioned at the February FCC Commissioners meeting. The March meeting was business as usual with no mention of LPFM.

Already I know that at least three applicant organizations (including two of the 256 grantables) have made a decision not to build their proposed station, while many other groups are begging for any word of any type from the FCC. Is Chairman Powell killing LPFM with neglect?

In the most recent filing window, I (Bruce Elving) did an electronic application over the internet for Superior WI 93.7. FCC people were most helpful in guiding me through the process.

Broomall speculated that the "burying" of LPFM could be due to either 1) typical governmental/FCC slowness. "Just be patient and accept the frustrating delays," he advised. Or 2) Top Republican Congressional leaders have pressured FCC Chairman Michael Powell to kill LPFM. "If true, this is shocking and terrible! Naturally, I hope I can be assured that LPFM is not dead but merely delayed for a few more days."

As mentioned last month, Sen. John McCain (R-AZ) was about to re-introduce his low power FM legislation (see story p. 8, col. 3). That has happened. His bill would be more compassionate than the one passed toward the end of 2000. It would take into account interference concerns of existing broadcasters, but open the possibility of stations being only three dial positions away from local stations. McCain said: "The legislation strikes a fair balance by allowing non-interfering low power FM stations to operate without further delay, while affecting only those low-power stations that the FCC finds to be causing harmful interference in their actual, everyday operations. It's important that this bill be passed in the interest of would-be new broadcasters, existing broadcasters, but most of all, the listening public."

Small-Print Happenings and FM Industry News

The FCC imposed a freeze on minor change applications March 7 through 19. With Auction 37 extended to Dec. 9, 2001, the filing window will be from Sept. 24 to Oct. 5, with upfront payments due Nov. 5. Earlier the auction was to have been May 19, with filing window from Mar. 7 to 19, 2001. The freeze was lifted, with the FCC

saying it "is no longer necessary." The Commission could well reimpose another freeze later. The freeze was designed to prevent conflicts with the Auction 37 participants. Some 350 vacant commercial FM station facilities will be available in this auction, which will be open to new applicants. The previous was a closed auction, limited to those who had already filed. These delays have been upsetting to some communications attorneys with clients who have obtained up-front payments and financing to be qualified bidders. Some of the deals are in the six-figure range. Some would-be applicants are happy about the delay. It will give them more time to plan.

Winning bidders are to pay the balance of the winning bid soon after the auction is over. To bid in the auction one has to file FCC Form 175 during a filing window. More information from the FCC at 202-418-2700, or check the auctionhomepage at FCC.gov. One reason for the delays may be the FCC moving to a more strict definition of a market. This could reduce the number of stations a bidder or company might have.

Bill Kennard left the FCC as chairman and member, with Michael Powell, a Republican, and son of Colin Powell, the new chair. Kennard left as the FCC approved the merger of AOL and TimeWarner. He shares his biggest disappointment: "The influence of special interest money in the political system." He said he wanted to work with Congressional representatives on various issues, but "with very few exceptions, most had already been spoken for by special interest groups."

FCC Commissioner Gloria Tristani has complained about on-air indecency. About KLOU 103.3 St. Louis where she backed up a woman complaining about a wallet being stuffed up . . . She also agreed with a woman who was offended about the Lex & Terry program. A Birmingham AL listener phoned WRLR 97.3 Homewood AL because the show used the word "pussy," not meaning a cat. Things got worse for the AL resident, Angela Woods. Lex & Terry called her a "bitch" who needed a "stick up her —." She complained that some co-workers heard her attacked on the program. The FCC Enforcement Bureau called the remarks on both programs "offensive, but not indecent." Tristani disagreed with her Commission colleagues.

In Utah, Chris Devine and Bruce Buzil buy another Salt Lake City rimshooter. For \$2 million they are getting KMXD 105.1C Manti UT, south of Provo.

The FCC is, however, making a fine stick. Infinity cannot get out of a \$7000 fine for indecency in Tampa. WLLD 98.7 Holmes Beach FL allowed a speaker to "repeatedly and unmistakably ask the audience in patently offensive terms whether they perform and/or enjoy a type of oral sex," and other questionable rap music lyrics that it let pass. Infinity claimed that the language met contemporary community standards, and that the FCC's indecency standard is unconstitutional. The FCC was unmoved.

Consolidation has resulted in some of the largest radio groups calling their own meetings, and not going to the NAB. "It's a worrisome long-term trend for the NAB," muses the M Street Journal.

The "Friends of Majic" have formed in Arizona to deny Syncomm's sale of KMJK 106.9 Buckeye AZ, now known as KDVA. The Friends group includes Hispanic and African-American leaders upset at the sale.

There is more cooperation between National Public Radio and PBS (Public Broadcasting Service [TV]). They have announced an alliance to co-produce live web events, do cross-promoting, and collaborate in e-commerce. This a logical, but long-delayed, development among entities that have much in common.

Obituary: Jim Gilmore, Jr., who was killed in a New Year's Eve car crash. He at one time owned WLVE Love 94, Miami Beach, WIVY 102.9 Jacksonville FL and WQPO 100.7 Harrisonburg PA. He had sold his radio stations, but was ironically involved in an automobile dealership and "Gilmore Racing."

Wind energy is a means of responding to power outages, with the problem not confined to California. Now broadcasters are warned about windmill farms. Seems those rotating blades, near a transmitting antenna can affect the station's radiation. I suppose it's like multipath, as you listen at home and the broadcast picket-fences in your speakers. It's caused problems for some unnamed stations in Texas. Companies building wind farms aren't aware of the problems that can be caused to all broadcast services—AM, FM and TV. The windmill blades often contain copper and other metals, which have the potential to disrupt signals. Back to wooden windmills, taking lessons from the Dutch?

The NAB announces an online job bank. It lists "hundreds of potential employees, including many minority and women candidates. Best of all, this outstanding employee recruitment tool is a free benefit of NAB membership." Visit the NAB Career Center at www.nab.org/bcc or call 202-429-5497.

In Bismarck, several stations owned by Anderson broadcasting return to the owner after a sale to Cumulus fizzes. This includes the planned donation of KQDY 94.5 to the Educational Media Foundation of CA, which has been operating it noncommercially. The station is expected to return to commercial status with an as yet undetermined format. Both companies decided to call off the sale after it became clear that the FCC would not approve the sale, said Dennis Anderson, president of Anderson Broadcasting.

Cumulus announced in January, 1999 that it would buy KSSS 101.5 and two AMs owned by Anderson. Cumulus and Clear Channel own the remainder of the market's commercial radio stations, which triggered FCC concerns.

Two of public radio's highest paid on-air people are or were Christopher Lydon and Mary McGrath. They were with the "Connection," which originates at WBUR *90.9 Boston. Their abrupt resignations put into doubt the future of the six-year-old call-in program. Several others on the staff also resigned. Discussions with station manager Jane Christo were "civil," but, despite making "generous" offers, the two made good on their resignations, along with the others. Lydon and McGrath had recently enjoyed salary raises to \$230,000 and \$150,000 respectively, with the salaries by Nov. 2002

going up to \$280,000 and \$165,000, with the potential of a \$50,000 annual bonus.

The host and producer rejected the offers, wanting instead to have a share of the revenues generated from selling the program to other stations. After the success of WBUR's nationally-syndicated "Car Talk," Christo has been determined not to let such a situation redevelop. "They have the rights and ownership," she said. "The Connection" is a news show. It's not the same at all." While it looks for permanent replacements, WBUR has lined up guest hosts to do the program. They included radio personality John McChesney, BBC news presenter Judy Swallow, NPR legal correspondent Nina Totenberg and the *Atlantic's* Jack Beatty.

National Public Radio plans to sell an ad, a billboard, on the side of its building in Washington DC. It will assume the character of underwriting, but will be fully commercial. This has aroused the ire of Billy Tauzin (R-LA), who was opposed to low power FM last year. Tauzin's office let it be known if public broadcasters want to accept commercial advertising, Congress may well seek to help them by cutting funding.

WBCL *90.3 Fort Wayne IN and relayers are involved in a food drive to provide 450 needy families with basic sustenance. Donations for Easter dinner, including canned vegetables, were to be delivered directly or sent to area food banks.

In east-central New York, WAMC *90.3 and WMHC-FM *89.1 held fund-drives at the same time. WAMC was hoping for \$500,000 in pledges, while the WMHT stations (including TV Channel 17) hoped for \$350,000. WAMC did reach its goal, achieving \$501,313 in six days, while the results from WMHT aren't in.

From the classifieds: Fresh new voice ready to spread the word of God. I can play it and say it. Jovan-Justin Love, Ph.D., 214-821-4323.

Program director Talking Information Center (TIC). Familiarity with radio equipment and procedures required. Strong communication skills. Tic is the hub of a statewide network of stations serving the blind on SCS. FAX resume and salary requirements to 781-834-7716, att. Bcb Daily g.m., Marshfield MA.

FM CPs and translators: Buy, sell, trade. E-mail: CommunityPublicRadio@prodigy.net, or call 678-352-8828, FAX 678-352-8838.

Wants FM antenna, 4-8 bays, on or close to 101.9 mhz. Fred Willis, WXGI Radio, PO Box 388, Eastport FL 32320; 850-853-3648.

FM FORUM—CONTRIBUTIONS FROM READERS

WCPE *89.7 Raleigh NC announces it is the top-ranked online classical music station among those surveyed in February-March. It placed 20th out of about 1000 stations in MeasureCast's recent weekly surveys. The survey only showed part of WCPE's online audience. "Once all our streams are being measured we expect WCPE will easily appear in MeasureCast's top 10," said Christa Wessel, the station's webmaster.

With this computer crashing twice in two months, we can look forward to a more normal and earlier-appearing April issue. Until,

Bruce A. Elving

THE FM RADIO NEWSLETTER

For the broadcaster and the
enlightened media consumer

A newsletter of fact and opinion about FM radio and related technologies—from the publisher of the *FM Atlas*.
Published monthly (although when the annual *FM Atlas* is being prepared there may be no issue). Subscription price \$75.00 annually, single
copies \$6.50. ISSN 0890-6718. Phoning? (218) 879-7676. FAX: (218) 879-8333. Copyright © 2001, FM Atlas. E-mail: FmAtlas@aol.com.

Vol. 15, No. 4—April, 2001 "Publishing Estate," 241 Anderson Road
Esko MN 55733-9413, USA; <http://members.aol.com/fmatlas/home.html>

New FM Station, Translator Grants

*Translators have less than 100 watts unless
shown otherwise*

AR Bentonville KAPG *88.5 1000 watts h,
v (horizontal and vertical effective radiated
powers), 71 m [eters height above average
terrain], \$(tereo), g, American Family Association
(see also "Deletions," below).
IA Adel *88.9 10000 h,v; 47 m, d-a (directional
antenna), CSN International, with only 20% of its
power at 110-130°.
IA Spirit Lake *88.9 50000 h,v; 83 m, d-a, MN-IA
Christian Broadcasting. See also "Deletions."
KY Westport W215BO *90.9 KAWZ 89.9 Twin Falls
ID), h,v. Westport is NE Louisville, and the
translator was granted despite a petition to deny.
MI Marlette *89.7 100 watts h,v; 30 m, Great Lakes
Community Broadcasting. Had asked for 89.3
MS Waynesboro WKVW *89.7 100000 h,v; 283 m,
d-a, Educational Media Foundation, to be gr, \$,
"K-Love"
NV Henderson KVEG-1 97.5 20000 h,v; d-a, full
power 0°, only 3% power 90-140°, 230-270°;
booster of Mesquite station. Granted despite a
petition to deny. [100 watts, h,v
NM Zuni K297AG 107.3 (KGLX 99.1 Gallup)/ [h,v
NY Greece W220DE *91.9 (WCOU 88.3 Warsaw)/
NC Morehead City W220DE *91.9 (WJFM 88.5
Baton Rouge LA), h,v
OR Jacksonville KCNA-1 102.7 4100 h,v; d-a,
maximum power at 0°, 20% at 110°. Booster of
Cave Junction station.
OR Roseburg K279AJ 103.7 (KDOK-FM 104.7
Florence OR translator), h. Had operated as
K280DA 103.9 before deleting. [Ministries, Inc.
PA Williamsport *90.7 3000 h,v; -66 m, Salt & Light/
TX Legion (Kerville) K208EH *89.5 (KAWZ), h,v.
Granted despite a petition to deny.
UT American Fork KWKD-4 102.3 99 watts h,v, d-a,
booster of Randolph station.
WI Dickeyville 101.1 6000 h,v; 100 m, Leon Metz
WY Laramie K298AE *107.5 (KCSP 90.3 Casper),
h,v (had operated as K244DK 96.7).
PR Ponce WOKQ-1 99.1 1000 h,v; d-a, booster of
Mayaguez station.
AB Calgary 88.1 33000 h,v; 317 m, Class C1, \$,
AVR (Aboriginal Voices Radio). Ads will be
allowed on this "non-profit" station. It will mostly
relay the call letters-less station on 103.5 in

Toronto, which is not yet on the air).
98.5 100000 h,v; 317 m, Class C, Standard Radio,
Inc. To be urban/rhythmic, and \$(tereo). Also
approved there is Telemedia Radio's bid for a
new Class C1 smooth jazz station. It had applied
for 98.5, but has one year to find a new
frequency.
AB Moose Hills (53-59-48; 110-49-01) VF2368 96.7
50000 h, 300 m, d-a, Aboriginal Multi-Media
Society.
BC Fountain Valley (location unknown) VF2369 10
watts h only, 518 m, to relay C1FM 98.3
Kamloops
BC Kerness Mine Site (56-59-41; 126-45-47) 101.1
50 watts v, 10 m, Kerness Mine Ltd.
BC Vernon CJIB 107.5 46000 h,v; 71 m, d-a, con-
verting from 940 AM. To be m, \$, "gold-based
adult contemporary.
BC Whistler CFTW 88.7 50 watts v, -169 m, a
commercial T1Station, owned by Cathe Wagg.
MB Headingley *102.3 1 watt h, 16 m, T1Station, no
ads, Keith Leganchuk [Keith Leganchuk
MB Portage La Prairie *101.3 1 watt h, 39 m/
ON Chapleau CHIM- *92.7 1 watt v, 10 m, mono, to
relay *102.3 Timmins.
ON Elliot Lake CHIM- *92.5 1 watt v, 16 m, \$
ON Owen Sound CKYC 93.7 31600 h,v; 114 m,
Class B, \$, k[ountry], "complemented by news
and information packages that will concentrate on
local and regional stories," Bayshore Bcstg.
ON Toronto VF7098 is the "Francophone station"
shown March p. 5, col. 1. Listed as 15 watts v, no
height given. Is a temporary station, not to be in
the *FM Atlas*. "Stations with callsigns beginning
with VF6 or VF7 are always temporary."
ON Wawa CHIM- *92.5 1 watt v, -10 m, to be \$.
PQ Sully (just E. Pohenegamook) 93.5 18 watts h,
64 m, d-a. To relay CJFP 103.7 Riviere-du-Loup.
The CRTC, probably incorrectly, gives it the calls
CIEL-5. [CIBM 107.1 Riviere-du-Loup
96.7 CIBM-3 14 watts h, v; 69 m, d-a, to relay/
SK Dillon VF2367 97.7 44 v, 23 m, Dene
Development Corp.
SK Wynyard (51-45-57; 104-11-11) CJQL *103.1 46
v, 19 m, T1Station to be on Apr.-Oct., Central SK
Regional Tourism Assn. (to be in the *FM Atlas*).
NT Fort Simpson *98.1 44 v, 30 m, T1station, to be
on Apr. 1-Oct. 31, F. S. Chamber of Commerce
(to be listed in the *FM Atlas*)

Low Power FM Stations Granted

The FCC has cranked up its station-granting

machinery and issued the following LPFM
permits. Your suggestions as to how these should
be listed here and in the *FM Atlas* will be
appreciated. The list below includes effective
radiated powers in watts as well as heights above
average terrain in meters. It was checked against
the official FCC listing, but this listing is richer in
technical detail, and comes from two Internet
sources. Not always is such technical information
expected to be available for future LPFM grants,
so my question is: Should all LPFM stations
appear, say on the FMaps, in small print, even
those showing 100 watts? Or, perhaps, a letter
code like "-L" appear? It is possible when the
FCC issues call letters, there will be a "-L" after
the various stations. Read farther on about the
next LPFM filing window, and how FMedia! plans
to treat future low power FM applications. Note
that no polarization information (h,v) shows in
those grants; the FCC doesn't ask applicants
such a question. Polarizations could be all h, all v,
or a combination. [Community
CA Fresno 104.5 51 w, 42 m, Hmong American/
CA Lemoore 93.3 91 w, 31 m, L. Union High School
CA Lucerne 104.5 100 w, -21 m, Lake County
Community Radio [North Edwards
CA North Edwards 102.3 Calvary Chapel/
CA Oroville 107.1 100 w, -10 m, Bird St. Media
Project [Second Amendment Society
CA Porterville 98.1 2 w, 215 m, The Lawyers'/
CA San Clemente 104.1 29 w, 54 m, SETEC
Astronomy Club [Chapel of the Redwoods
CA Smith River 107.3 100 w, -95 m, Calvary/
CA Turlock 100.5 98 w, 30 m, Evangelical Free
Church of Turlock
CA Woodland 93.3 100 w, 13 m, Holy Rosary Parish
GA Augusta 100.3 28 watts, 55 m, The Good News
Church [Educational Media
GA Colquitt 103.3 100 w, 28 m, M&D Christian/
GA Fort Valley 97.1 100 w, 27 m, Calvary Chapel
Heartland [of Transportation
GA Lavonia 105.3 84 w, 33 m, GA Dept./
GA Louise 97.1 58 w, 39 m, GA Dept. of
Transportation [Transportation
GA Tallapoosa 92.5 100 w, 25 m, GA Dept. of/
GA Trenton 98.7 4 w, 157 m, Mountain Educational
Services Corp. [of United Latin American Citizens
IN South Bend 98.1 100 w, 13 m, League/ [Institute
IN Valparaiso 93.5 74 w, 35 m, The Book of Life/
LA Mansfield 106.1 First Baptist Church, Mansfield
ME Rockland 93.3 100 w, 11 m, Penobscot School

MD Oakland 95.3 100 w, -2 m, St. Matthew's Episcopal Church [School]
 MD Ocean City 107.9 15 w, 76 m, Edinboro Early/
 MD Sherwood 97.5 100 w, 30 m, South Arundel
 Citizens for Responsible Development
 OK Enid 94.3 100 w, 27 m, Covenant Life Ministries

Call Letters Assigned

AL Dothan *90.3 WDFY
 AL Greensboro 99.1 WDMG
 AL Orange Beach 105.7 WCSN-FM (WCSN)
 AZ Grand Canyon (Village) *90.3 KNAG
 AZ Green Valley 97.1 KWFM (KCEE)
 AZ Scottsdale 100.7 KSLX*-FM* (KSLX-FM; AM has new calls) [Country]
 AZ Tucson 92.9 KOYT (KWFM), *92-9 Coyote/
 AZ Wellton 104.5 KCEC*-FM* (KBHV) [Estrellas]
 CA Brawley 94.5 KSEH (KWST), S, r, "Super/
 CA McFarland 102.9 KPSSL*-FM*(KSUV), "Power Sonido Latino 102.9"
 CA Needles 107.1 KNKK [Estrella]
 CA Patterson 97.1 KTSE*-FM* (KZMS, "Super/
 CA Temecula 94.5 KOGO-FM (KTMK), nt mono, parallel to KOGO 600 San Diego. Monophonic. KOGO-FM can't be heard in San Diego, since there is a Mexican station nearby on 94.5. But "a lot of people who work in San Diego live there [in Temecula] for cheaper housing." Clear Channel is buying it for \$4.5 million, and supposedly it is the owner of KFXM 103.3 there.
 DE Ocean View 101.7 WZEB (WRBG) [99-5]
 DC Washington 99.5 WIHT (WJMO-FM) r, "Hot/
 FL Tallahassee 94.9 WTNT-FM (WTNT)
 GA Carrollton *90.7 WUWG (WWGC)
 IL Bloomington 98.9 W255AI (as confirmed by the FCC, since W255AE is in Warren PA)
 IL Carthage 93.9 WCEZ
 IL Coffax 92.9 WRPW (WSNI), sr, parallel to WZPW 92.3 Peoria IL
 IL Crete 102.3 WYCA (WVJM)
 IL Lansing 106.3 WYBA (WYCA), g
 IN Greenwood 106.7 WTLF-FM (WBKS)
 IN Hammond 92.3 WVJM (WBYA), still "power 92"
 IN Indianapolis 105.7 WYXB (WTLF-FM), "B 105.7," mr format
 IN Kentland 101.7 remains WLRT, not WWMY, as I called it in various places. WWMY is 102.9 Raleigh NC. [Hot 100]
 IA Emmetsburg 100.1 KDWD (KEMB), "Hit Radio/
 KS Great Bend *91.9 KWBI, "K-Love." Facilities to 1800 h,v; 79 m (not 18000 watts). [new calls]
 KS Wichita 101.3 KFDI*-FM* (KFDI-FM; AM has/
 KY Burnside 93.9 WLLK (WWZB), "Lake"
 KY Louisa 92.3 WZAQ (WSAC) [Solana FL.
 KY Somerset 102.3 WKII-FM (WLLK); AM is in/
 LA Columbia 103.1 KXRR (KYEA), op, classic rock, "X-103.1" [93.7]
 LA Shreveport 93.7 KXXS-FM (KITT), "Kiss Country/
 ME Islesboro 105.5 WBYA (WAYD), "The Bay 105.5"
 MI Beulah 92.1 WOUF (WSRI)
 MI Charlotte 92.7 WQTX (WVIC), still t, monophonic sports, "92.7 The Ticker"
 MI Jackson 94.1 WVIC (WXIK), o, classic hits
 MI Saugatuck-Holland 92.7 WYVN (WEVS). Had been stunting by reading names from a phone book. Now op, classic rock, "The Van."
 MN Lakeville 105.1 WGVX (KZNR), still "V 105"
 MO New Madrid 106.5 KTMO (KMIS-FM), still k

MO Sparta 96.5 KSPW (KMXH), "Power 96.5 Jams." This station was not in "Springfield," Mar. p. 4, col. 1. [has new calls].
 MO Springfield 94.7 KTTS*-FM* (KTTS-FM); AM/
 MT Big Sky KBFN 104.5 m
 MT Colstrip *99.5 KMCJ (KBPY), format to g, Hi Line Radio Fellowship (KXEI 95.1 Havre).
 NM Albuquerque 96.3 KBZU (KHFM), op, *96.3 The Buzzard." KHFM drops classical music after 46 years. It was shopping around for a station to take the format, including Simmons' KCHQ 105.1 Santa Fe. Instead, it worked out a deal for AGM to put it on KMMG 95.5, which had been rhythmic oldies. With the change at WIHT (formerly WJMO-FM) Washington DC (see above), two "Jammin' Oldies" stations bite the dust.
 NM Farmington 102.1 KTRA-FM (KTRA), "The Tradition"
 NM Mesquite *89.3 KELP-FM (AM is in El Paso TX)
 NM Santa Fe 95.5 KHFM (KMMG), c. No "Mega 95.5."
 NY Jamestown 101.9 WMHU (WHUG), to 4500 h,v; 115 m, "102 Moo" [New Smooth Jazz]
 NY Port Henry 92.1 WJVT (WLCQ), [jazz], "The/
 NY Willsboro 96.7 WXZO (WXPS), "The Zone"
 NC Harrisburg 92.7 WCHH (WCCJ), s, urban contemporary, "Hot 92.7"
 OH Hubbard 101.9 WRBP (WBTJ)
 OR Hood River *90.1 KQHR
 PA Cooperstown 107.7 WHUG (WMHU)
 PA La Porte 103.9 WQZI (WRPA). New owner, the Smith and Fitzgerald partnership, is poised to return this long-silent station to the air.
 PA Williamsport *89.7 WVYA
 SC Seneca 98.1 WHZT (WPEK), "Hot 98-1," ID with Greenville, but no longer with Spartanburg-Anderson. [(KGGK), "Kool 98"
 SD Wessington Springs 98.3 KUQL/
 TN Munford 98.9 KXMI (KTMO) [The Mix]
 TN Norris 106.7 WRMX*-FM* (WXVO), r, hot AC./
 TX Allen 103.3 KESN (KEMM), facilities to 561 m (100000 h,v), transmitter between Gainesville and Dallas
 TX Big Lake *98.3 KPDB [The X"
 TX Cameron 103.9 KXCS (KHLR), still "103.9/
 TX Frankston 96.7 KOYE (KLIS), S, I, Tejano, "Texas Rock 96.7"
 TX Gregory 104.5 KPUS (KKPN), still r, now Westwood I Adult Rock; "The Octopus"
 TX Hondo 105.9 KMFR (KRBH), to 6000 h,v; 100 m
 TX Odessa 99.1 KHKX (KCKZ), facilities to 124 m (100000 h,v) [back to, from KMFR)
 TX Pearsall 95.3 KVVW-FM/ [The Planet"
 TX Rockport 102.3 KKPN (KBTE), r, modern AC./
 UT Brigham City 100.7 KJQN (KYBG), "Diana"
 UT Nephi 103.9 KFVR-FM (KYKN-FM), "Diana"
 UT Roy 107.9 KUDD (KFVR-FM), "Diana"
 VT Marlboro 101.5 WRSY (WSSH), "The River"
 VT White River Junction 95.3 WSSH (WRSY)
 VA Falmouth 104.5 WGRX (WFAL*-FM)
 VA Lynchburg 100.1 WVBE (WLYK)
 WA Seattle *90.3 KEXP (KCMU), with power increasing to 720 h,v; 162 m. The University of Washington station is about to make the upgrade and move its studio from the campus to the former KZOK 102.5 studios at 113 Dexter Ave. N. It will enjoy rent-free studio space and move more into the community, allowing it to "branch out into exciting new areas of music and technology," but

some feel the move will sap the station of its edge and change the format from music that has largely been excluded from commercial stations. It is teaming up in management with Paul Allen, which has drawn suspicion. Allen owns two commercial stations in Portland, and the possibility of his getting into Seattle FM ownership "often has surfaced in the radio industry." KCMU and KUOW *94.9 split their managements in 1999. [Information from the Seattle Post-Intelligencer, article by Bill Virgin and Ruth Schubert.]
 WV Bethlehem 105.5 WZNV-FM (WZNV)
 WV Charleston 97.5 WQBE*-FM* (WQBE; AM has new calls)
 WV Ravenswood WMOV-FM 93.1 applies for WKIO calls, which are in use at 92.5 Urbana IL
 WY Powell 104.1 KRYV
 WY Thermopolis 98.3 KHWC
 PR Hormigueros 92.1 WSMA (WEGM)
 PR Rio Grande 97.3 WDMG [Mega Estacion"
 PR San German 95.1 WEGM (WCTA-FM), "La/
 NS Truro 99.5 CKTY (CKCL)
 ON Bancroft 97.7 CHMS (CJNH), to be h only (no v)
 ON Shelburne *102.5 CBLA-4 [v]
 SK Big River Reserve 95.7 CIWF; height to 0 m (38/
 SK Saskatoon *91.7 CITT

Facilities Changes Granted

AL Albertville WQSB 105.1 30000 h,v; 192 m, no d-a, C2
 AZ Holbrook KZUA 92.1 149 m, d-a (100000 h,v)
 CA Alturas KALT-FM 106.5 100000 h,v; 148 m, C1
 CA Chowchilla KSKD 93.3 S, l, commercial. To be parallel to KNTD 95.9 Livingston. No "K-Love."
 CA Dussmair KZRO 100.1 71 m (12500 h,v)
 CA Eureka K229AF *93.7 (from K230AA 93.9 and before that K233AL 94.5), v
 CA Fort Bragg K231AK 94.1 (from K228CJ 93.5), h
 CA Goleta KKSB 106.3 940 h,v (252 m)
 CA Landers K212EP *90.3 all v, loses horizontal (h)
 CA Livingston KLVN *88.3 1 watt h, 6000 v, 102 m
 CA Los Altos KFFG 97.7 3300 h,v; 137 m
 CA Thousand Oaks KCLU *88.3 3200 h,v; 158 m, B1, d-a, with 23% at 60°.
 CO Alamosa KASF *90.9 1100 h,v; 27 m, Class A
 CO Broomfield (move from Greeley) KDJM 92.5
 CO Del Norte K219CF *91.7 to less than 100 watts h,v—takes small type, FM Atlas FMaps.
 CO Lafayette KRKS-FM 94.7 523 m (100000 h,v)
 CT Brookfield WRKI-2 95.1 to 230 h,v; d-a, adds v
 CT Norwalk WRKI-1 95.1 610 h,v; d-a
 FL Holt (move from Andalusia AL) WTKE 98.1 314 m (89000 h,v), at same site, which is just NW Crestview FL. [7300 h,v; 285 m, d-a, Class C3
 GA Cartersville WCCV *91.7 [C3 downgrade
 GA Hazlehurst WVOH-FM 93.5 25000 h,v (95 m),/ GA Jeffersonville WMGB 93.7 100000 h,v; 207 m, C1 upgrade [88.1), v
 ID Grangeville K204EP *88.7 (from K201EA/ [C
 ID Homedale KBNH 106.3 97700 h,v; 313 m, Class/
 ID Post Falls (moving from Coeur d'Alene) KCDA 103.1 9400 h,v; 747 m, C1
 IL Carbondale WDBX *91.1 3000 h,v; 40 m, d-a, with 45% power at 230-260°
 WCIL-FM 101.5 86000 h,v; 329 m, moves transmitter across the river to Class C1 territory.
 IL Oregon (back to, from Genoa) WOXM 106.1 (from 106.3) 3000 h,v; 100 m [the same site.
 IL Park Forest (from Kankakee) WRZA 99.9—from/

IN Boonville WBNL-FM 107.1 1600 h,v (195 m, d-a)
 IN Elkhart WFNR-FM 104.7 143 m (50000 h,v), with a reporter already noting improvement in its southern Michigan coverage. [Class C2
 IA Forest City KIOW 107.3 50000 h,v; 150 m, no d-a/
 IA Waukon KNEI-FM 103.5 37000 h,v (175 m)
 LA Natchitoches KDBH 97.3 94 m (25000 h,v)
 ME Brunswick WTPN 98.9 50000 h,v; 150 m
 MA Turners Falls WRSI 93.9 4300 h,v; 119 m
 MI Crystal Falls WOBH 100.7 199 m (100000 h,v) [C3
 MI Fife Lake WTCU 95.9 25000 h,v; 100 m, one-step/
 MI Kingsford WEUL *98.1 1000 h,v; 142 m
 MN Bloomington K218DK *91.5 (from K220EG 91.9), h,v, but expected to increase power to above 100 watts. [IDs with Virginia-Hibbing.
 MN Buhl (moving from Virginia-Hibbing) WIRR *90.9/
 MN Sunburg KLFN 106.5 2300 h,v; 160 m
 MS Raymond W219CV *91.7 (from W220CL 91.9), v
 MS West Point WKBB 100.9 6000 h,v; 53 m
 MO Centralia KMFC 92.1 3900 h,v (122 m)
 MO Garden City KGAR 105.1 100000 h,v; 260 m
 MO Miner KBHI 107.1 3700 h,v; 128 m
 NE Bridgeport KAWQ 101.3 339 m (100000 h,v)
 NE Fremont KFMT 105.5 3200 h,v; 138 m
 NE Lincoln KKUL 105.3 6000 h,v; 100 m
 NV Laughlin KVGS 107.9 98000 h,v; 605 m, Class C
 NV Tonopah K211EL *90.1 (from K209DO 89.7), v
 NJ Zarephath WAWZ *99.1 28000 h,v; 200 m, d-a. Full power 90-300°, only 45% at 0°.
 NM Bosque Farms KTEG 104.7 71000 h,v; 256 m
 NY Alfred WETD *90.9 94 m, d-a (360 watts h,v)
 NY Jamestown WUBJ *88.1 3700 h,v; 126 m, d-a
 Wcot *90.9 12000 h,v; 199 m
 NY Saint Johnsville (from Cobleskill) WQBJ 103.5— from the same site.
 NY Utica WVVV *100.7 noncommercial operation, "K-Love," now owned by Educational Media Corp., which paid \$1,250,000 to local owner Bethany Broadcasting. Format still gr.
 NC Danbury W219CW *91.7 (from W220DC 92.1, and before that it was on 91.7 as W219BY), v
 OH Akron WKDD 96.5 31000 h,v; 189 m
 OK Durant KLBC106.3 (from 107.1) 21000 h,v; 109 m, d-a, with only 56% power at 190-210°.
 OK Coweta KHJM-1 100.3 99 watts v, d-a. Its maximum power is at 150-160°, minimum power at 20 and 290° [downgrade
 OR Corvallis KFLY 101.5 28000 h,v; 707 m, C2/
 PA Fairview (new) 93.9 3000 h,v; 143 m, d-a, with 20% power at 110°
 PA Johnstown WQJEJ *89.7 8000 h,v (316 m, d-a), with 28% power at 60 and 300°, 18% at 330°.
 SC Bishopville WKHT 93.7 5000 h,v; 109 m
 SC Newberry WGVC 106.3 9000 h,v; 100 m, C3
 SC Pageland WRML 102.3 3300 h,v; 91 m [h,v
 SD Yankton K204EO *88.7 (from K202DK 88.3), 250/
 TN Sargainsville WEYE 104.3 2850 h,v; 147 m
 TX Big Spring K209DK *89.7 to relay KLVW 88.7 West Odessa (from KHXX 99.1 Odessa, which is going commercial)
 TX Floydada KFLP-FM 106.1 (from 95.3) 25000 h,v; 71 m, C3, "K Flip Country" [Star Broadcasting
 TX Hudson (new) 96.3 2150 h,v; 168 m, CP to Lone/
 TX Jasper KJAS 107.3 25000 h,v; 100 m, one-step C3
 UT Ephraim K213DC *90.5 250 v
 UT Huntsville (new) 103.1 2300 h,v; 328 m, C3, CP to George S. Flinn, Jr.
 UT Rural Juab County K272BY 102.3 to 250 h,v

VT St. Albans WLFV-FM 102.3 860 h,v; 258 m, d-a, with 71% power from 310-350°.
 VA Chester WDYL 101.1 4000 h,v; 111 m
 VA Clarksville WJLC 98.3 119 m, d-a (17500 h,v), with only 24% at 0° [step Class A
 VA Exmore WEXM 106.1 1500 h,v; 81 m, one-/
 VA Sweet Briar WNRS-FM *89.9 30 watts h,v; 592 m, d-a. Full power at 270-90° (not 270-290°). Full power 40-240°, only 18 percent power at 320°.
 WA Bellingham K215DZ *90.9 (from K213BA 90.5), h [h,v; 256 m, C1
 WA Ellensburg KXLE-FM 95.3 100000/
 WA Eufaula K216EG *91.1 to all v, losing h [C2
 WA Leavenworth KOHO-FM 101.1 930 h,v; 623 m/
 WA Mount Vernon K206CU *89.1 to h,v; adding h
 WV Clarksburg WPDX-FM 104.9 7400 h,v; 182 m, d-a, with only 73% power at 0°.
 WV Salem WAJR-FM 103.3 179 m (1800 h,v)
 WI Mishicot WZOR 94.7 21500 h,v; 108 m, d-a. Full power 270-90°, 71% power 150-210°. Modification of C3 permit (see Mar. p. 5, col. 1).
 WI Wausau WCLQ *89.5 100000 h,v (174 m), d-a, with 24% at 110°. Class C1.
 WY Cheyenne K234AH *94.7 (from K232CR 94.3), 170 h,v; adding vertical
 WY Pine Bluffs KASX 105.3 23000 h,v; 222 m
 BC Kamloops CFBX *92.5 -125 m (5 w h,v), \$
 BC Sooke CKKQ-1 94.7 232 m (38 h, d-a)
 BC Vanderhoof CBRV *96.7 200 watts h (29 m, d-a)
 ON Barrie CKMB 107.5 17000 h,v; 255 m, d-a
 ON Englehart CJBB 103.1 1600 v only; 74 m, d-a, A
 ON Orangeville CIDC 103.5 190 m (30700 h,v)
 ON Sunderland CJKX-1 89.9 3000 h,v; 86 m
 PQ Windsor CIAX 98.3 28 v, 15 m, \$
 SK Meadow Lake CFDM 105.7 46 watts v, 22 m
 NT Yellowknife CIVR 103.5 (from 93.3) 170 h (49 m)

Stereo—Or to be \$[tereo]

AR Hampton KBPW *88.1, g, ownership to American Family Association
 CA Hollister KHRI *90.7, gr, "Air " [Love")
 CA King City KDRH *91.3, gr, "Air 1" (from "K/
 MN Faribault KBGY 107.5, k. IDs only once an hour, no local commercials. Music is parallel to co-owned KRFO-FM 104.9 Owatonna, so there's speculation KBGY's format may change. Was to have been owned with KLCI 106.1 Elk River-Minneapolis-St. Paul, but Cumulus has taken it over.
 NE Wilbur KFLV *89.9, "K-Love." Serves Lincoln, where K220GT 91.9 with the same owner may or may not still be on the air.
 NC Hope Mills WCCG 104.5. "We mention many cities on the hour, but I can't tell you what they all are." IDs with Fayetteville and a rotating list of 11 other cities.
 SD Watertown KIXX 96.1, but was monophonic for a while. It had trouble with its studio-to-transmitter link.
 TN Bulls Gap WBGQ 100.7, ID with Bean Station (!), Morristown. Uses calls, no nonID.
 TN Shelbyville WYKW *91.3, g, to American Family Association ownership.
 TX Midland KQRX 95.1, ID with Odessa. Co-owned (sale pending) with KHXX 99.1

Odessa. It is silent pending that sale. No format has been decided for KHXX, which is turning commercial.
 TX Tahoka KAMZ 103.5
 ON Timmins CHTI 101.5

Monophonic

NY Lake Placid WLPW 105.5, Tupper Lake WRGR 102.3 still monophonic. "We'll be mono for a long time. We'd need new transmitters."

Format Changes

AL Eufaula WIOL 92.7 op, "Classic Rock 92.7 The River" [modern AC
 AK Anchorage KKRO 102.1 r/ [(from "The Oasis"
 AZ Oro Valley KOAZ 97.5 k, "Cat Country 97.5"/
 AR Lake Village KZYQ 103.5 so, seeks 50000 h,v; 150 m, C2
 CA Delano KKDJ 105.3 m
 CA Hydesville KSLG-FM 94.1 pr, modern rock
 CO Delta KPRU *103.3 c, parallel to KVOD 90.1 Denver
 CO Grand Junction KPRN *89.5 nt, mono, parallel to KCFR 1340 AM Denver. [to KPRN
 CO Montrose KPRH *88.3 nt, monophonic, parallel/ KSTR 96.1 o, '80s hits [to KCFR
 CO Pueblo KCFP *91.9 nt, monophonic, parallel/
 CO Vail KPRE *89.9 nc, informational and classical, deriving programming from both KCFR and KVOD. [min' 100"
 FL Panama City Beach WQJM 100.1 m, no "Jam-/
 GA Peachtree City WLDA 96.7 sr, facilities to 2150 h,v; 168 m
 ID Lewiston KVTY 105.1 r, CHR
 IL Carterville WUEZ 95.1 m, soft AC
 IL Christopher WXLT 103.5 op
 IL Mount Vernon WAJT 102.1 m
 IL Normal WIHN 96.7 rp, adding Ray Lytle and John Lamb from WWCT 105.7 Peoria
 IN Attica WSHP 95.7 op, playing hits from the '70s and '80s. The change is made to appeal to a male audience ages 25 to 54. "We're trying to cover all the [age] demographics. You have to do that, otherwise you are competing with yourself," said Bob Ford, president Artistic Media Partners, Inc., owner of the station. It will continue to air Bob and Tom from Indianapolis, followed by classic rock with such artists as Van Halen, Tom Petty and Steve Miller. AMP also owns WAZY-FM 96.5 Lafayette-AM, WLFF 95.3 Brookston IN.
 IN Morristown WJCF *88.1 g. It is run from the home of Marty Hensley, 40, and Jennifer Hensley, 30, and their two boys, ages 11 and 4, who are sometimes heard on the air. An 18-m tower looms over the home, relaying the signal to a taller tower 16 km east. Residential towers more than 9 meters aren't allowed in Morristown. Hensley did not know that when he had the tower built. Where he lived in Indianapolis, towers up to 23 m were permitted. Hensley worries that the zoning could force him to move his station, which would be expensive and inconvenient. The station broadcasts Christian music 24 hours a day. It has cost him \$5,000 in legal and consulting fees, "All for a \$500 tower," he said.
 The launch of WJCF last year was the culmination of a dream for Hensley, who is a technical consultant for various stations in the area. He is a former disc jockey who worked in Evansville and

at Indianapolis area stations WENS and WZPL. Hensley estimates that the family has invested \$250,000 in the station, including 10 acres of land where a small building and the larger tower are located east of Morristown. "This is pretty much our life savings. We borrowed a lot to get started and still have a note on the land. Some people spend a lot of money on their hobbies. Since I don't have any hobbies, I spend my money on radio." He is proud of his station, which he compares to radio stations that were started by ham radio operators 80 years ago. "They all operated out of people's homes," he said. Hensley is a ham radio operator as well.

IN Terre Haute WLEZ 102.7 mr
 IA St. Ansgar KHAM *95.5 to be g, parallel to KJLY *104.5 Blue Earth MN. Silent until the conversion happens.
 KY Horse Cave WHHT 106.7 k, classic country
 LA Ferriday KFNV-FM 107.1 m, "The River"
 LA Hammond WHMD 107.1 k, "Kajun 107.1" (from "Star 107.1")
 LA Springhill KTKC 92.9 sg, black gospel
 ME Machias WALZ-FM 95.3 classic rock in the mornings, when it splits away from the otherwise fulltime simulcasting of country WQDY-FM 92.7 Calais ME. Call the format rk. [Joyner
 MD Glen Burnie WWIN-FM 95.9 sr, plus Tom/
 MD St. Michaels WFBR 94.3 g, now with WOLC 102.5 Princess Anne, and using the identifier "Joy 94.3 & Joy 102.5" (from "The Light FM")
 MA Harwich Port WDVZ 93.5 rp plus Bob & Tom. Still "V 93 The Vault." Bob & Tom used to be on WVKJ (now WTVW) Mashpee. [Wave"
 MA Mashpee WTVW 101.1 o, '80s, etc. Still "The/MI Mio WXZN 93.9 k, parallel to WKBG 102.9 St. Ignace. No "Zone" nonID.
 MI Pickford WADW 105.5 o [by satellite.
 MN Cloquet WKLK-FM 96.5 op, still "K 96.5 FM"/
 MN Crookston KQHT 96.1 o, "The Fox" (from "New Mix." Now classic hits.
 MN St. James KXAC 100.5 o, no "Lite FM"
 MN Two Harbors KZIO 104.3 o, but had frequent outages, resulting in dead air for an entire evening and much of a weekend. KZIO now IDs its translator, K292EZ 106.3 Duluth, frequently each hour.
 MS Long Beach WIZD 94.5 still sr, adding ABN blues. "ABN" is American Blues Network, which originates at WIZD. It has WROX 1450 AM Clarksdale as its first known affiliate.
 MS Mound Bayou WZYQ 101.9 r, Jones hot AC
 MS Prentiss WCJU-FM 104.9 o [Stern
 NV Sparks KRZQ 100.9 still pr, drops Howard/
 NH Littleton WMTK 106.3 o, classic hits
 NY Brighton WZNE 94.1 rp, modern rock
 NC Gaston WLGQ 97.9 so, no "New Mix 97.9, 99.7"
 NC Kinston WZBR 97.7 k, no "Sunny Beach" k, no "Sunny Beach" [Rome
 NY Little Falls WOWB 105.5 r, parallel WSKS 102.5/
 NY Whitesboro WOWZ 97.9 r, parallel WSKS
 NC Oriental WNBR 94.1 k, no "Sunny Beach." It stunted with "Gone Country" for one day before.
 NC Rose Hill WZUP

ND Bismarck KQDY 94.5 k, now commercial, "KQ-94.5" (back to, from "K-Love"). [Fox"
 KBYZ 96.5 still op, adds Bob & Tom, "96.5 The/KSSS 101.5 rp, "straight rock and roll," "101 The Rock & Roll Station" (strict, from "Kiss 101").
 OK Bixby KJMM 105.3 so, now simulcast with KGTO 1050 Tulsa
 OR Bonanza KYSF 102.9 r, CHR
 PA Cambridge Springs WXXO 104.5 r, hot AC, "Kiss," parallel to WOXX 99.3 Franklin PA.
 RI Middletown WZRI 100.3 o, '80s, "Z-100" (no "Rockin' Hits") [(from "Light 105")
 RI Providence WWLI 106.1 mr, "Lite Rock 105"/
 RI Wakefield WZRA 99.7 o, parallel to Middletown, "Z-100," (from "Rockin' Hits")
 SC Port Royal WHBZ 99.7 t, comedy from the Comedy World Radio Network, assumed to retain stereo. Drops "The Breeze" nonID.
 TN Loudon WKVL-FM 105.3 o, '80s, stereo resumed [89.1 Alcoa.
 TN Maynardville WASJ *88.3 gr, parallel to WYLV/
 TN McKenzie WAJJ *89.3 gr, "J-FM"
 TN Oak Ridge WOKI 100.3 r, adult alternative, after a period of stunting.
 TN Ripley WKVZ *94.9 gr, "K-Love"
 TX Alice KNDK 102.9 sr, rhythmic CHR.
 TX Portland KRAD 105.5 r, CHR. No "The X." [sical
 UT Salt Lake City KUER *90.1 nj, removing clas-/
 VA Petersburg WPZE 99.3 sg, black gospel
 WARV-FM 100.3 k, "Cat Country"
 WI Stevens Point WSPT-FM 97.9 m—AC not hot AC.
 WI Wautoma WAUH 102.3 km, country with two middle of the road cuts per hour. Parallel to "Cow Country 1090" WISS Berlin WI.

On Air—Real Stations and Pirates (Selected)

AK Soldotna KKIS 96.5 back on air, still r, hot AC. Its AM, KSLD 1140, is back on—classic rock.
 IN Terre Haute W236AE *95.1, but with "absolutely no local information heard (has NPR programming), not even an ID at the top of the hour."
 MN St. Cloud KCLD 104.7 at only about 20% power. Said to be in need of engineering help and preventative maintenance.
 NY Lake George WCKM still on 98.5, not yet on 99.1, and it might not change. It's trying to serve Glens Falls NY, but 8 km south of that town the signal starts to break up. Its coverage is "horrendous. It receives massive interference from 98.3 WTRY Rotterdam NY, as well as interference from 98.5 WCTW Catskill," and they give the weather for Saratoga Springs. "The only problem is that the station is barely audible in Saratoga, and is completely overwhelmed by WTRY!" A move to 99.1 would certainly do that. That frequency isn't in use until Binghamton and New Haven CT," but a null would be required toward Burlington VT to protect 98.9 WOKO, and it would lose a "great deal" of its northern coverage. "WCKM lists itself as an oldies station, but is in reality far from that. It's really a mix of '50s-'90s music, with some country cross-over and a heavy concentration of '70s disco era stuff, not particu-

larly pleasant" to listen to (it is coded "op" in the *FM Atlas*).

NY New York city—"There are at least 11 pirates on the air in New York city. So much for the quote, Jan. p. 4, col. 3, 'The FCC has done a good job of stopping illegal radio transmissions'."
 WNEW 102.7 no IBOC testing, which blocked adjacent channels for listeners. The in-band on-channel testing has not been heard in several months. "Either it's dead with these two (including WPST 97.5 Trenton NJ), they cleared up the adjacent channel problem (don't believe that), or will resume testing," J.F., Plainfield NJ.
 OH Miamisburg WFCJ 93.7 celebrates its 40th anniversary. It started in a building the size of a two-car garage and has grown into a 50,000 voice for the gospel. It has finished a \$250,000 computerized studio debt-free. It is said to be the No. 1 rated Christian radio station in the Dayton market and No. 2 rated Christian station in Cincinnati. [107.1.
 OK Durant KLBC 106.3C3, having moved from/
 PA Gap 107.1—a person "stumbled across a stong pirate on 107.1 that is allegedly coming out of Gap PA, which has professional sounding liners, sweepers and jingles and the call letters are WGAP. Format consists of a guy and a girl (maybe in their early 20's) talking about their relationships and music and occasionally playing some contemporary rock and r&b. Audio has a nice hum to it. I am 29 miles away from Gap, PA and have a strong WTDK in the other direction and yet can still get this WGAP in with full quieting. Must be running some decent power!"—D.O., Elkton, MD
 TX Clifton KWOW 104.1, having moved from 103.3.
 DF Mexico 91.7 "Ke Huelga," an unlicensed station from the campus of the Universidad Nacional Autonoma de México, with 100 watts. It is one of two pirates there, and has been on the air the longest of the two. It supports the student strike of the National University.
 94.1 Radio Zapote, ENAH organization—100 watts of taped lectures, communications and music of all types, with mailing address at Periférico Sur, Esquina con Zapote s/n, Col. Isidro Fabela, 14030 México DF. It's at the National Anthropology and History School. It has been serving the visiting Zapatista delegation to México City and it's unknown if the station will continue after the delegates leave. The Zapote name comes from the street the organization is located on. [Information from Glenn Hauser's *DX Listening Digest*. For subscribing information write ghauser@hotmail.com; translated from Spanish by Karin Clements, Laredo TX.]
 GUATEMALA—TGNA-FM Guatemala City 100.5 with 25 kw, plus AM and shortwave frequencies, celebrates 50 years of evangelical broadcasting. FM must have come about later than the 730 AM and 3.3 mhz shortwave, but the FM is repeated on 100.3 and 100.7 in various places in the country; the government limits relayers to 10 kw, while 25 kw is the maximum allowed for main stations.

BAHAMAS



BAHA
MAS
Span-
ish
Wells,
on St.
Georg
e's
Cay,
just off
the
north
tip of

We are making a Big Splash!

Eluthera island, about 80 km NE Nassau, is located the islands' first independent commercial station, "Splash 89.9 FM." In an article in *Radio World*, Troy Conner describes setting up the station, which uses double vertical yagi antennas, one pair aimed at Nassau and the other aimed the length of Eluthera island. The station is licensed for 3 kw vertical from a 76 m tower. It uses CD automation for a mixed bag format, which includes rock, pop, soca, reggae, country, oldies and hip hop from the '60s through the '90s. No mention of stereo. Signal in Nassau is spotty, but solid enough for a translator, which owner Chris Forsythe and family hope to construct. They have applied for permission from the Bahamas Telephone Company, which is their equivalent of the FCC. Power is divided 50 percent between the two antenna arrays. Maybe on a good day it could be heard on the coast just south of Miami.

AUSTRALIA—Killarney, Queensland: Vision FM Killarney 87.6, operated by United Christian Broadcasters Australia Lts. Vision FM is a narrowcast network distributed nationally via the Optus satellite system, broadcasts through 30 FM stations across Australia, "with community interest shown for at least another 100 in the months and years ahead," according to *NRB* magazine.

Off Air—Or Not Yet On

AZ Parker KVEZ 99.3 had been talk. Reported silent. [transmitter move]
CA Johannesburg KEDD 103.9 off pending/
FL Baldwin-Jacksonville WXQL 105.7—has been off for some time.
ME Bar Harbor WBQI 107.7 silent, but expected to soon return as part of the W-Bach Network.
TX Refugio KTKY 106.1
WA Oroville 105.1, Tonasket 105.9—Mark Rabenold called his wife from jail and told her to turn off the unauthorized transmitters. He's in jail for contempt of court and for assaulting an U. S. marshal with his car. It's a six-month sentence he's serving (see last month p. 5, col. 1).

Deletions

AL Troy W216AW *91.1, and not going to 91.3.
AR Benvonville K201DT *88.1 (see "New," above)
CO Granby K288DU 105.5—replaced by new KRKM-1 106.3. However, both K210CO *89.9 Cheyenne WY and K204DA *88.7 Laramie WY remain licensed. New full power stations owned by the same primary as the translators have been authorized in those cities.

IA Spirit Lake K210CG *89.9. See "New." However, it may seek a different frequency.
LA Lake Charles K215AO *90.9, because of the new KBAN *91.1 De Ridder. A Knight-Ridder newspaper story also mentioned the deletion of another local NPR-affiliated translator, K213AZ *90.5 because of the new KYLC 90.3 there. The article speculated that American Family Radio may be ganging up against NPR stations to reduce NPR's audience, but it does say that translators are secondary signals, subject to displacement. It also mentioned the AFR application in Lake Charles was on file since 1997, and the NPR affiliate in the area took no steps to oppose it, or to have a translator on a different frequency.

LA West Monroe K235AF *94.9

MI Oak Park WOPR *90.3. It's been off the air, and hasn't answered an FCC certified letter of Feb. 8 inquiring about its status. The FCC deletes the license and call letters.

NY Fenner W210BH *89.9

NY Lansing W201CD *88.1

NY Marcellus W208AQ *89.5—because of deletion of primary WXXC 88.7 Truxton NY.

FMistakes—FM Atlas-18, FMedia!

AL Montgomery 101.9 is WHHY (not "WHHY-FM"), and it has no SCS. Mar. p. 5, col. 2.

AR (not "R") Harrison K215BR *90.9 (deleted station), Mar. p. 5, col. 1. [4, col. 1.]

CA Temecula 103.3 KFXM (not "KRTM"), Feb. p./
GA Buford 102.3 is WLKQ, not "WLKQ-FM," Mar. p. 5, col. 3. [WUEZ, Feb. p. 3, col. 2.]

IL Carterville (not "Centerville") 95.1 WXLT (now/
MI Detroit 105.1 is WGRV-FM (not "WGRV"), Feb. p. 6, col. 3. [misspelled p. 237.]

MS Bay St. Louis-Gulfport WZKX 107.9. Gulfport/
MS Sardis (new) 102.1 frequency not given, Feb. p.

NY Ogdensburg 98.7 is WYSX, not "WYSK," mentioned under NY Norwood WYSI, Mar. p. 3, col. 3.

NC Semora *106.7 WKVE was WPXX, not "WPXK," Mar. p. 2, col. 1.

NC Southern Shores (not "Southern Pines") WFMI 100.9, Mar. p. 2, col. 1. [col. 1.]

OH Lima *89.3 WYSM (not "WYSN"), Mar. p. 4./
OH North Kingsville 107.5 WCUZ (former calls, WPHR, were the same as Auburn NY 106.9).

OK Atoka KHKC 102.1 (moving from 103.1) Class C2, not A, Mar. p. 3, col. 1.

PA Chester *89.5 WDNR (not "WBHR"), Feb. p. 6, col. 2. [Mar. p. 3, col. 1.]

PA Reading 105.1 is WIOV-FM1, not "WIOV-1,"/
PA Saegertown 94.3 is WHUZ (not WMDE), nonID is "Was 94.3," Feb. p. 7, col. 1.

PA Susquehanna (not Conklin NY) WCDW 100.5, Mar. p. 4, col. 1.

TN Tusculum WIKQ 103.1 is -68 m (not +68 m); 6000 h.v., Mar. p. 3, col. 3.

TX Brownwood *90.3 is KBUB, not "KBOB," Mar. p. 3, col. 1. KBOB is 104.9 De Witt IA. [col. 3.]

TX Paris *89.3 now KHCP (not "KBCV"), Mar. p. 3./
UT Ogden 107.9 was KFVR-FM2 (not "KFVR-2"), now KUDD-2 [p. 6, col. 2.]

VT Acutney *90.3 W212BG (not W212BU), Feb./
VA Richmond WPLZ-FM 105.7's old calls were WJRV, not "WJRC," which is 90.9 Lewistown PA, Mar. p. 2, col. 2.

WI Birnamwood WYNW *92.9 is owned by WEMI *91.9 in Appleton (not Green Bay *91.5, which is WEMY), Mar. p. 2, col. 2. [Feb. p. 3, col. 1.]
BC Prince Rupert CIAJ 100.7 has h,v (not just h)/
NF Port-au-Port CBAF-16 *94.3 is 1030 h,v; 350 m (not 1000 h,v; 350 h,v), Feb. p. 3, col. 3.
ON Hearst CHYK-FM 3 92.9, former calls, CHOH, not given, Feb. p. 3, col. 1.
ON Thunder Bay CJOK 99.9 is 37 watts (h,v); 60 m, d-a (not 150 w, Feb. p. 3, col. 1.)
SK Moose Jaw 90.9 will carry the Moose Jaw (not "Moose Lake") Warriors, Mar. p. 1, col. 2.
YT Stewart Crossing VF2358 is *93.3, not 105.5, Mar. p. 2, col. 3.

SCServices, 57, 67, 92 kHz

Symbols are as in the FM Atlas

AZ Chandler KMLE 107.9 †()
AZ Phoenix KBAQ *89.5 †(), KOOL 94.5 †()
KYOT 95.5 †(), KZON 101.5 †(), KNIX 102.5 †()
CA Los Angeles KLSX 97.1 †R, 67. "Hard rock. May be a filler until something else comes on." Still has an oriental language on 92 kHz.
CO Cortez KRTZ 98.7 †()
MN Eveleth WEVE 97.9 †U, 67
MO Springfield KWND *88.3 heard with an open-carrier SCS. Its main channel stereo "comes and goes."

NJ Trenton WNJO 94.5 is still host to Grace Calvelo-Rustia's 67 kHz Pan-Asian Radio. It features Filipino, Chinese, Cambodian, Korean and Indonesian programming. By early May it will add Portuguese and Vietnamese programming, "reflecting the city's (Philadelphia's) growing and increasingly diverse mix of new immigrants." Its slogan has become, "A single voice with a multitude of tongues," and it has a staff of 25—all unpaid volunteers. Grace's husband, Johnny Rustia, helps out.

NM Gallup KGLX 99.1's RDS gives its call letters
SC Beaufort WYKZ 98.7 †(), showing "The River" and song titles.

SC Charleston WSCI *89.3's 57 kHz gives its calls
SC Sumter WWDM 101.3's RDS shows "BIG DM."
PQ Laval CFGL 105.7 †

NonIDs, Not Just Slogans

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

AZ Mesa KZZP 104.7 The New Kiss 104-7 (with no personalities and all music for a week)
CA Santa Cruz KJOL *90.7 Air 1 (from "K-Love")
KS Galena KCAR-FM 104.3 The Car
KY Benton WAAJ *89.7 J-FM, parallel to the new WAJJ *89.3 McKenzie TN.
LA Hammond WBBE 103.3 B-103
LA Rayville KQLQ 92.3 Kool 92.3
MD Princess Anne WOLC 102.5 Joy 94.3 & Joy 102.5 (see "Formats," above)
MI Menominee-Marinette WI WHYB 103.7 Cat Country 103.7
MN Crookston KQHT 96.1 96-1 The Fox
MN Detroit Lakes KRVI 95.1 95.1 The River
MN East Grand Forks KZLT 104.3 Cities 104.3 (from "K Light 104") [Radio 96*]
MN Morris KKOK 95.7 Country 95.7 (from "Music/
MN Paynesville KZPK 98.9 Wild Country 98.9
MN Staples KSKK 94.7 The Arrow (from "Arrow 94.7")

MN Walker-Bernidji KLLZ 99.1 Classic Rock Z-99 (from "Real Rock 99-1"); Seeks 154 m. [Wings 105"]
 NY Montour Falls WNGZ 104.9 Wingz 104.9 (from/ND Fargo KPFX 107.9 107.9 The Fox (from "The Zone" [Country])
 ND Minot KZPR 105.3 105.3 The Fox (from "Wolf/ND Williston KYYZ 96.1 Z 96 Country Thunder TN New Johnsonville WAYW *89.7 Way FM WI Forestville WRKU 102.1 First Class Oldies

Multi-City IDs In Use

AZ Payson-Phoenix (not with Paradise Valley any more) KAJM 104.3, still so, but now "a disco kind of format, and I am positive I will not be one of their listeners." Now "Mega 104.3 & 99.3." The latter in honor of their Phoenix translator. Sometimes "Jammin' R & B."

PA Jersey Shore WVRT 97.7 drops its ID with Williamsport, now "Variety 97-7" (from "Variety 97.7").

Selected AM Happenings

USA—"AM DXers have to admit it, but the band's days as a venue for commercial broadcasting are limited. Schemes for digital broadcasting in the 530-1710 kHz band are being tested; some of them may even work. They won't address the problem of limited nighttime coverage. I rather suspect few listeners will bother buying 'digital AM' receivers, and it will go the way of AM stereo. Successful AM formats will continue the gradual drift onto the FM band," writes Doug Smith, *Monitoring Times*. He continues: "I believe by the year 2015, AM will be obsolete in the U.S. as a commercial broadcasting band. The obsolescence of AM will take longer in Central and South America. . . Analog FM will last longer. Few FM stations are affected by the coverage problems that plague the AM band. Terrestrial digital radio will get started in the U.S. about the same time as LPFM It will be much less successful. Again, listeners will find little reason to buy a digital receiver to get programming that's already available in analog."
 AK Long Island (Anchorage) KABN 840 was silent, but expects to return late spring with talk.

CA Ceres KLOC 920 had been silent. Now smooth jazz, parallel to KRVR 105.5 Copperopolis.

CA San Rafael—Saul Levine drops classical on his KMZT, "K Mozart," 1510 after one year. He says there hasn't been enough financial support to justify the format. The station is embracing Christianity, leaving the commercial classical format in the market to KDFC 102.1 San Francisco.

FL Callahan-Jacksonville WELX 1160 off the air.

FL Cocoa WRFB 860 reported off.

FL Fernandina Beach WGSR 1570 off. This 10 kw day facility was for sale at \$550 K, reduced to \$425 K, "not bad for the license and real estate and equipment on a clear channel, 10 kw."

FL Inverness WINV 1560 reported off.

FL Mount Dora WNTF 1580 reported off.

FL Ocala WCFI 1290 back on the air. "It has been listed as silent for years!"

FL Plant City WSUN 610 off the air.

FL Tallahassee WTAL 1450 was silent, but supposedly to go talk. However, the station awaits a sale, and no target date has been announced.

GA Cumming WMLB 1170 and East Point WKGE 1160 drop locally produced Americana and classic country formats for a simulcast of oldies. WMLB was noted for its localism, including announcements from church bulletins and playing news of Nashville

artists appearing at local venues. WKGE had been broadcasting classic country. "But with the acquisition of WMLB [both formats were yanked and they] began simulcasting oldies music, dating from roughly 1950 to 1970." The stations are called "The Twins, Classic 1160 and Classic 1170." Within the year WKGE's signal is expected to jump from 10000 to 50000 watts. Miriam Longo, of the *Atlanta Journal-Constitution*, quoted above, adds: "As the largest city in the South, Atlanta should be a leader when it comes to exposing Americana. For the most part, these artists make critically acclaimed music that's real country—a sound that's being lost as regional identities in the United States disappear. With the growing acoustic scene happening at places such as Swallow at the Hollow in Roswell, there was a great opportunity to boost the format here. The new 'Twins' should be applauded for bringing something completely new to the market, and for finally recognizing that people over 50 listen to the radio. Too bad it had to come at the expense of the richly creative Americana format."

GA Macon WNEX 1400 has lost a pioneer in former broadcaster F. C. Palm, 57. He was the first disc jockey to play Allman Brothers songs, which helped lead to the band's success. He also got to know "Little Richard" Penniman, James Brown and Otis Redding, Jr. He thus helped black performers in their quest to be on the air. He lived in Sandy Springs GA, and was a DJ at WNEX from about 1963 to 1970. As "F. C. Franklin," his on-air name, he conducted the last interview with Redding before the singer was killed in an airplane crash Dec. 10, 1967. "Radio was a different thing in those days. FM was underground radio and the AM stations played classic rock," said Phil Walden of Atlanta, founder of Capricorn Records that signed the Allman Brothers band of Macon GA.

GA Marietta WFOM 1230 now simulcasting "680 The Fan," WCNN Atlanta, including NBA games. Both stations are owned by David Dickey and his family. "WFOM had been simulcasting 'Glory 1340' (WALR-AM), our gospel station," said p.d. Mike Thompson. "But our thinking became, the more exposure for 'The Fan' the better. This will fill in part of the gaps in Cobb County. [gospel.]

GA West Point WDWZ 1490 silent; it had been black/IL Geneva WFXW 1480 had been classic hits. Said to be permanently off the air. "Its transmitter site has been sold for residential development."

IA Des Moines KKSQ 1390—deleted by the FCC.

KY Ashland WCMI ("where coal meets iron") 1340 had been silent. Now ESPN sports.

KY Newport WNOP 740 had been jazz; to be Catholic, "Sacred Heart Radio." It had been LMA-ing "the quirky jazz station"; to be noncommercial.

LA New Orleans WRNO shortwave is sold to a non-profit religious group. It was one of the United States' few attempts to operate a commercial shortwave station. Recently, it's been in the hands of an executor, and has supposedly not been operating at full power.

MI Flint WRRX 1330 no AM stereo. The "station actually sounds 100% better with the new Opti-mod and the Motorola C-QUAM removed."

NV Winchester KZTY 620 deleted.

NC Beaufort WBTB 1400 had beach music, parallel to WNBR 94.1 Oriental. Reported silent.

NC Morehead City WMBL 740 deleted by the FCC.

This is part of Clear Channel's plan to upgrade WSSC 730 Charleston SC.

OR Myrtle Creek KRGL 1360 deleted, but asks FCC for reconsideration.

SC Barmwell WBUB 740 deleted.

SC Walterboro WALD 1080 remains off the air.

WV Rainelle WRRCL 1130 reported off the air.

WV St. Albans WCOZ 1300 reported off the air.

ON Cornwall 1230 back on the air. It was CJSS, which is now on FM (104.5). The new station is CJUL, "The Jewel," with a nostalgia format.

FMakings—Selected FCC and Industry Canada Applications

AL Cullman WRRS 101.1 410 m

AZ Eagar KTHQ 92.5 100000 h,v; 366 m, Class C

AZ Lake Havasu City KRRK 101.1 45000 h,v, d-a, C

AZ St. Johns KWKM 95.7 363 m

CA Merced 103.1 (KAAT Oakhurst booster)

CA Paradise KHSL 103.5 2500 h,v; 314 m

CO Glenwood Springs 106.1 (KNFO Basalt booster)

FL Clermont WLAZ *88.7 4800 v

FL Florida City WMFL *88.5 500 h,v; 92 m

FL Marianna WTYS 94.1 4400 h,v

HI Hilo KKBG 97.9 33000 h,v; -35 m, d-a

IL Carbondale WDBX *91.1 3000 h,v; 40 m, d-a

IN Danville *89.1 5000 h,v; 152 m, CSN Int'l. [d-a

IN Hartford City WHTY 93.5 4000 h,v; 123 m, no/

IN Howe WQKO *91.9 15000 h,v; 99 m, d-a, B1

KY Lerosse WSPE *88

KY Morganfield *88.7 1000 h,v; 118 m, Indiana Community Radio Corp.

ME Yarmouth WYAR *88.3 1000 h,v

MI Harrisville WJOJ *89.7 143 m

MI Monroe WTWR 98.3 3100 h,v

MN Rochester KROC-FM 106.9 350 m

MS Byhalia WKVF *94.9 4100 h,v; 106 m, no d-a

MS Centreville WPAE *89.7 84000 h,v; 146 m

MS Pickens WYJS 105.9 23000 h,v; 224 m

MS Tchula WNGW 106.3 7100 h,v; 152 m, C3

MO Arnold KGNA *89.9 40 m, d-a

MO Gordonville KCGQ 99.3 5000 h,v; 109 m

NE Omaha KVSS *88.9 2750 h,v; 101 m, d-a

NV Ely KDSS 92.7 14000 h,v; 287 m, C2

NH New Durham WWWC *91.7 180 v, 157 m

NJ Trenton WKXW 101.5 15500 h,v; 275 m

NM Grants KQLV *105.5 1200 h,v; 30 m, Class A

NY Auburn 106.9 (booster of WPHR there)

NY Clifton Park WDCD 96.7 6000 h,v

NY Elmira WLTV 99.5 (from 94.3) 1250 h,v; 221 m

NY Lake Luzerne WBAR-FM 94.7 940 h,v; 253 m, d-a [221 m

NY Southport WOKN 94.3 (from 99.5) 1250 h,v;/

OH Bainbridge WKHR *91.5 750 h,v; 141 m

OH Canton WHK-FM 98.1 50000 h,v; 108 m

OK Ardmore KACO 98.5 25000 h,v; 50 m, d-a

OR Sisters KPXA 104.1 34000 h,v; 180 m

PA Murrysville WRWJ *88.1 300 h,v; 75 m

PA Wrightsville *88.7 250 h,v; 168 m, Mary V. Harris Foundation

SD Rapid City KLMP 97.9 100000 h,v; 579 m, C

TX Dallas KKDA-FM 104.5 99000 h,v; 508 m

TX Kerrville *90.5 (KAWZ 89.9 Twin Falls ID)

TX Levelland KLVT-FM 105.5 25000 h,v; 91 m, C3

TX Rudolph KTER *90.7 2000 h,v; 143 m

TX Victoria KXBJ *89.3 100000 h,v; 118 m, C1

UT Lehi 103.9 (booster of KFVR-FM Nephi)

VT Rupert WMNV 104.1 4300 h,v; 61 m

VA Norfolk WHRV *89.5 8800 h,v; 350 m, d-a
 VA Powhatan WBBT-FM 107.3 6000 h,v; 100 m
 VI Christiansted WSTX-FM 100.3 7000 h, 247 m, B1
 ENGLAND—West Midlands (Birmingham area):

The U.K. Radio Authority declined VOICE FM's application for a radio licence for the West Midlands' second regional FM licence.



Frequency not available, but format would have been Christian.

FM Rulemakings Proposed

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

- CO Hugo 92.3A, June 4, 19, Alan Olson, petitioner, of 934 E. Vermijo Ave., Colorado Springs CO 80903, June 4, 19
- MT Pinesdale (from McCall ID) 106.7C1 (from C2)—but IBC Broadcasting must show areas that would gain and lose service, June 11, 26.
- NY Corinth (from Hudson Falls) 107.A at 5 km E, WFFG-FM, with Scotia.
- NY Scotia (from Corinth) 93.7A (from 93.5A), WZCR, at 9.9 km NW, June 11, 26 [with Naches
- WA Benton City (from Sunnyside) 96.7A, KZTB./ WA Naches 96.9C2 for A, KZTA at 19.5 km SW, June 11, 26

FM Rulemakings Finalized

Filing periods delayed pending announcement of auctions

- AZ Aguila 107.3C3
- AZ Bagdad 97.1C3 at 2.4 km N.
- AZ Wickenburg 96.3C3 at 6.2 km NE
- IL Park Forest (move from Kankakee) 99.9B from the same site, WRZA. It remains short-spaced to WUSN 99.5B Chicago, WSHW 99.7B Frankfort IN, WHFB-FM 99.9B Benton Harbor MI, WJVL 99.9B1 Janesville WI, WIXO 99.9A Bartonville IL, WNND 100.3B Chicago and WGLC 100.1A Mendota IL.
- NY Saint Johnsville (move from Cobleskill) 103.5B, WQB, at the same site.
- MO Ava 92.1A (from 92.3A), KKOZ-FM—denied petition for reconsideration. See Brookline (Eldon) MO, below.
- MO Brookline—reaffirmed 102.1A allocation and grant, dismissing a petition for reconsideration filed by KBMX 101.9A Eldon MO.
- MO Columbia 96.7C1 for C3 and other changes (KCMQ, et. al.), with Eldon MO.
- MO Northwe 102.7A—denied petition for reconsideration. See Eldon MO.
- OK Moreland 104.5C1 and other changes—denied petition for reconsideration by Ralph Tyler.
- VT Brighton 106.9A instead of 101.9A as originally requested. But denied a Class C3 upgrade at Stowe for WCVT 101.7A. There would be problems in placing a 70 dBu signal over the city at the site needed for C3 spacing (25.3 km NE).
- WA Elma (from Aberdeen) 99.3C2 (from C1), KAYO-FM. Site to be 14.5 km W because of KWJJ 99.5C1 Portland, plus there are Canadian short-spacings.

- WA Montesano (from Elma) 102.1C2 for C3, KSWW, but 99.3C2 at Elma must be activated. Site 14.5 km west because of KINK 101.9C Portland.
- WI Ephraim 106.9A at 3.4 km NE because of WOCO 107.1A Oconto. Requested by Carrie L. Riordan.
- PR Rincon 107.9B—denied Ocean Communications' petition for reconsideration. The FCC ruled there was no reasonable assurance of transmitter site availability.

FM As It Was—Or Might Have Been

An article in *Broadcasting-Telecasting* magazine, April 8, 1957, had what I think was a significant impact on the development of FM radio in the United States. The article was published shortly after FM radio had been in a steep decline of the mid-1950s. That followed a period in the late 1940s when AM broadcasters, in large numbers, applied for FM permits as "insurance," should FM take over AM. There also were a few independent FM-only stations, such as WASH 97.1 Washington DC, WMRI 106.9 Marion IN, WFML 106.5 Washington IN, KBTR 98.5 Minneapolis, WFMA 100.7 Rocky Mount NC, WGHF 99.5 and WFDR 104.3 New York city, and WOAK 105.9 Oak Park IL (which became WFMT 98.7). The WMRI illustration is from its letterhead. Guy B. Farnsworth, manager, wrote me, Sept. 15, 1950:



"It was indeed a pleasure to get your letter dated Sept. 10th relative to reception of WMRI in Duluth. Yes, I believe this is the greatest distance in reception ever reported to WMRI in the two years we've been on the air. We have had other reports from such distances as Matoon and Litchfield, Ill., etc., however, never as far as Duluth. We use a 3 kw Westinghouse transmitter with a 12-bay Collins circular antenna array which gives us an effective radiated power of 34 kw. We operate from 11:30 a.m. to 10 p.m. (CDT), and on Saturday nights we remain on the air until midnight. . . I'd very much like to hear from you again."

The article, "How Bright a Future For FM? Certainly brighter than the past, maybe brighter than you think," by J. Frank Beatty, took up almost a whole section of *B-T* magazine, running from pp. 116-132. Because so many station executives read *Broadcasting-Telecasting* (now *Broadcasting and Cable*), I think the article was pivotal in the acceleration of FM's development in this country. I know I read it with interest, being a college senior interested in making a contribution to the FM radio industry. Here are Beatty's words:

An unheralded but significant bit of electronic history was recorded last Monday. Tucked away in a sheaf of routine FCC handouts were six applications for fm facilities. After ten years—very tough years for hundreds of fm station operators—the 92-108 mc band was making a noise reminiscent in a small way of the 1947 scramble for fm facilities. It's hard to recall a similar burst of fm activity in recent years.

The article mentions that Westinghouse is in the final planning stages and is about to launch inde-

pendent fm programming services in four major markets. And RKO Teleradio Pictures, operators of the MBS Network, is reported to be considering a plan to set up nationwide fm network service.

Is this efficient aural medium about to fulfill the fond dreams of its enthusiastic founders and the hopes of those who have underwritten money-losing fm ventures? After ten years, what is fm—1957 model? Where is fm going? Where has it been?

Sifted carefully, these findings indicate that fm is doing better than was the case a year ago, or two years ago. It still is a technically attractive medium that is strong, amazingly strong in a half-dozen major markets and scattered hot spots around the nation. Unfortunately, this strength is not fully appreciated by the public or by advertisers. Summed up, there is no indication that fm is about to catch fire and gain the dominance over am broadcasting that is found in some European countries.

Fortunately, fm still has all the qualities that made it the golden boy of the FCC and the late Major Edwin Armstrong, its technical founder. Fortunately, too, it has an accumulated reservoir of lessons learned from a decade of mistakes, mis-directed promotion and lack of promotion, and a lot of unfortunate tub-thumping. Most of all, it has the stamina and rugged endurance that have brought it through some of the roughest going in American industry.

Fm operators, after a decade of frustration, still can dream. Some of the stuff these dreams are made of can be traced to practical thinking—even practical operational equipment. Multiplexing, for example.

This sub-carrier or piggy-back way of adding one or two signals to the regular fm station carrier has behind it an FCC mandate that becomes effective next July 1—unless it is given a third postponement. Multiplexing is the opposite of broadcasting. It is a utility of point-to-point carrier service beamed at subscribers with suitable receivers. Many fm operators oppose it. [Many FM stations "simplex," or sent background music to stores along with commercials for in-store products—b.e. I can remember KROS-FM 96.1 Clinton IA and WAYL 96.1 Minneapolis broadcasting directly to the stores without having to use an SCS-type system.]

Background music, now a \$100 million plus business, should reach many times that figure with normal new-industry growth—especially after pirating is minimized by multiplexing.

Facsimile can come out of limbo, after two decades, now that it has a channel to ride.

Slow-scan tv signals on fm offer a potential of uncharted dimensions.

Stereophonic transmission and reception of music promise to develop as multiplexing goes into general use and tape libraries are expanded.

The half-dozen applications for new fm stations included KGB, Inc. San Diego seeking 101.5 with 15.6 kw, Richard W. Braham, doing business as Independent Bcstg., New York for 107.5 mc 18.4 kw (Cliffside Park NJ), New Broadcasting Co., New York 107.5 mc 10 kw, Fm Broadcasters, Inc. Seattle 96.3 17.39 kw, along with a subsidiary communications operation (simplex), and Saul Robert Levine, Beverly Hills CA. Change cp application from 97.9 mc to 105.5 mc.

It is hard to assess the profitability of fm stations, since the finances are often combined with the

related am. Besides the six fm applications recently filed with the FCC is a scarcity of fm channels in New York and Los Angeles. New York now has a dozen fm stations that serve an estimated (Pulse) 2½ million fm homes. There are potential applicants who are confronted by a shortage of available channels. Obviously a dozen stations aren't feeding their signals to Atlantic fishes."

[I'll probably quote more from the article in a future FMedia! but the above sentence sticks out in my memory from having read the article so many years ago.]

Advertisers included United FM, Inc. of New York and Los Angeles, a "new type station rep looms on FM horizon—a rep for FM only." Through that firm you could advertise on WBFM New York, KDFC-FM San Francisco and KELE-FM Phoenix.

Stations advertising in that part of the magazine were KRHM-FM 94.7 from Mount Wilson (formerly KFWB-FM), and KFAC-FM/AM, 1330 on your radio—92.3 on your FM. "KFAC leads in FM listeners in the Los Angeles market." KRHM-FM is proud to serve the 1,407,000 FM radio sets in Los Angeles and Orange counties. Add to this amazing million-



plus story the 58,000 watt KRHM coverage of eight additional important Southern California counties (San Diego, Santa Barbara, Kern, Imperial, Riverside, San Bernardino, Ventura, and San Luis Obispo) and you've got a LOT of EVERYTHING.

FCC "Unburies" LPFM

Rumors that the FCC had lost interest in low power FM have apparently been proven untrue. It's not that the FCC is proceeding with gusto to implement LPFM, but it has at least issued the first tenuous grants of stations from the first filing window, as a look at pp. 1 and 2 above will attest.

And it has adopted a revised LPFM order, putting in place interference protections demanded by the Grams bill, and disallowing former "pirates" from ever becoming LPFM licensees. It is also categorizing previous applications according to their eligibility to be awarded frequencies. Those include mutually-exclusive applications. Some applicants will be allowed to amend to another close-in location if it will avoid a conflict with other applicants' stations.

Perhaps most significant, the FCC has grouped Window 4 and Window 5 LPFM applications into a filing window that will run from June 11 through the 15th. States for that filing window: Alabama, Arizona, Arkansas, Florida, Iowa, Kentucky, Massachusetts, Montana, Nebraska, New Jersey, New Mexico, North Carolina, North Dakota, Oregon, Pennsylvania, Tennessee, Texas, Vermont, Washington, West Virginia and the U.S. Virgin Islands.

We won't be printing who applies during that window, but will refer you to where the information can most conveniently be read on the Internet. If the newest filing window is similar to the last, there could be at least 500 or maybe 1000 applications. The ingenuity of applicants to find frequencies, despite the impediments of the recently-passed law, and restrictions on who may operate LPFM stations, is considerable. Those applicants have a responsi-

bility to protect all existing full-powered FM stations, FM translators and boosters and TV Channel 6 stations, as well as any other LPFM applications from the previous filing windows. They must also protect pending broadcast applications that were filed prior to April 10.

FCC mass media bureau chief Roy Stewart earlier said that 1751 LPFM applications had been filed, and 40 percent of those from Windows 1 and 2 will be rejected because of third-channel limitations imposed by Congress. Applicants should not expect a notice from the FCC unless a construction permit is issued, or they are "totally denied." For those in the in-between group, it might be that "no news is good news."

Radio World, in an editorial, said: "Worrisome is the precedent of Congress overriding the FCC's own experts, issuing technical rulings on matters such as spectrum quality and frequency allocation to solve a political problem of the moment. Certainly the people casting the votes are not highly educated about broadcast technology. Lawmakers discouraged technical terminology during LPFM hearings, and remarks made by one lawmaker about the quality of audio on his shower radio were truly scary. We hope it won't be necessary to turn to Capitol Hill every time the broadcast industry disagrees with the FCC on an important technical question. The time may come when broadcasters will wish that Congress had not started along that particular path."

Small-Print Happenings and FM Industry News

The FCC's Gloria Tristani continues her crusade against indecency. She questioned the enforcement bureau's dismissal of a complaint about a promo for the morning show that included the words "penis" and "genitalia." W.T. Schmid of Wilmington NC objected to the broadcast on WXQR 105.5 Jacksonville NC, a Cumulus station. Schmid was in the car with his 13-year-old daughter on a Sunday afternoon when the promo came on. Tristani says the bureau should at least ask the licensee what's going on before dismissing the complaint. She says "indecency enforcement" has been virtually "non-existent" at the FCC. But there's evidence new FCC chairman Michael Powell might be leaning just a bit toward Tristani's viewpoint. The FCC applied a "red flag" to the application of Clear Channel to buy KCSJ (590 AM) Pueblo CO, according to the M Street Journal. That publication is sporting an attractive new look and coming out every two weeks, instead of weekly. Visit <www.mstreet.net>.

WKQX 101.1 Chicago fined \$14,000 over two morning show bits by Mancow Muller. The FCC says the Mar. 15 and 20, 2000 shows featured unacceptable sex talk.

WJHU *88.1 Baltimore, owned by Johns Hopkins University, is up for sale. The Baltimore Sun says the school has lost money or only broken even since the station came on in 1986. It has a \$2 million budget and 13 fulltime staff, and gets a 2.3 share of the audience according to Arbitron. The Sun says Maryland Public Television is a possible buyer. Or maybe religion, or perhaps Minnesota Public Radio will get it.

"Bubba the Love Sponge" is no friend of animal rights groups, such as ADAPTT. Hundreds of people have applied pressure through the Internet and via the postal service against owner Clear Channel, and to get the FCC and law enforcement personnel involved. The group claims 32 local clients have stopped advertising on WXTB 97.9 Clearwater FL. Charged with animal cruelty were Bubba (Todd Clem), his producer, a volunteer from the audience accused of helping to hold down the boar and a hunter who prosecutors say brought and killed the animal. Action followed an on-air stunt in which a wild boar was slain in the station parking lot. Clear Channel has apologized and started a policy on the use of animals in stunts, but that hasn't satisfied the people who are complaining. The charges are punishable by five years in prison.

New appointees to the Michael Powell-led FCC are: Kevin J. Martin, a Republican and former advisor to FCC member Harold Furchtgott-Roth, who is leaving the FCC. Martin's five-year term ends in 2006. Then there's Kathleen Q. Abernathy, a Republican and former lobbyist for US West and AirTouch Cellular, who serves until 2005; and Michael J. Copps, a Democrat, former staffer for Dem. Sen. Fritz Hollings, and more recently assistant secretary for trade development in the Commerce Department under Clinton. He serves through June, 2004.

They're leaving the NAB—all 180 Infinity/CBS radio stations. Infinity is closing ranks behind Viacom which is fighting the NAB TV board in a dispute over the 35 percent national TV ownership cap. Fox and NBC previously left the organization. These groups leaving are a significant blow to the finances of the National Association of Broadcasters.

Obituaries: Dick Whittinghill, 87, a popular morning d-j on KMPC-FM 100.3 Los Angeles, 1950-1979, and at the time one of the highest-paid announcers in southern California. Later he worked at KJIS-FM 102.7 in the '80s, "but he never struck sonic gold again."

Former owner of WYTE 96.7 Whiting WI F. Barry Nienow, 57, after a battle with polio, which he suffered since childhood. He started WYTE in 1985 and sold it to Marathon Meida for \$3 million. He "worked his way up thru the ranks to ownership via engineering."

Louis Shaller, an electrical engineer who delighted in DXing, and analyzing signal propagation. Although in a wheelchair 40 of his 66 years from muscular dystrophy, he was one of the auction finalists for a new FM in Mukwonago WI (105.3).

Donovan Blue, in his late 40s, an announcer for many years in the Grand Forks market, who had "one of those voices that we all wish we had. . . a good guy." He'd worked at KZLT 104.3, also at XL-93, KJ-108 and KSNR 100.3 Thief River Falls MN.

Until May, when I'll try to get this rag out earlier. I was in the midst of keyboarding this when an ice storm hit. We were without electricity for most of two days, and most local stations were off. Look for all the usual features to return.

Bruce F. Elving

THE FM RADIO NEWSLETTER

For the broadcaster and the enlightened media consumer

A newsletter of fact and opinion about FM radio and related technologies—from the publisher of the *FM Atlas*. Published monthly (although when the annual *FM Atlas* is being prepared there may be no issue). Subscription price \$75.00 annually, single copies \$6.50. ISSN 0890-6718. Phoning? (218) 879-7676. FAX: (218) 879-8333. Copyright © 2001, FM Atlas. E-mail: FmAtlas@aol.com.

Vol. 15, No. 5—May, 2001 "Publishing Estate," 241 Anderson Road
Esko MN 55733-9413, USA; <http://members.aol.com/fmatlas/home.html>

New FM Station, Translator Grants

Translators have less than 100 watts unless shown otherwise

- IN Paoli W215BP *90.9 (WJFM 88.5 Baton Rouge LA), h,v—despite a petition to deny.
- IA Clive (with transmitter just NW downtown Des Moines) K209EN *89.7 (assumed to be relaying the new 88.9 Adel station when it gets on the air), h,v. Granted despite a petition to deny, most likely from WO-FM *90.1 Ames.
- IA Spirit Lake K210CG *89.9 (WNCB 89.3 Duluth MN), 190 h,v. Did not delete, as mentioned April p. 2, col. 2. There is no conflict between that and the new 88.9 station there.
- NY Oneonta W212BS *90.3 (WMHR 102.9 Syracuse), h,v. Granted despite a petition to deny.
- TX Kilgore W202DQ (note "W" call letters in TX; a translator of KCZO 92.1 Carrizo Springs TX), h,v
- BC Vancouver CHMC 91.5—a temporary station with 10 watts v, 25 m, for the Molson Indy race, Aug. 31-Sept. 21. Not to be in the *FM Atlas*.
- ON Hawkesbury 88.9 770 h,v; 129 m, d-a, \$, to relay CIMF 94.9 Hull PQ. [8 watts v, 15 m
- ON Keewaywin [First Nation] CIDE-21 91.9/
- ON Moosonee VF2372 89.9 8 watts v, 18 m, Wawatay Native Communications Society of Moose Factory [v, 15 m
- ON Webequie [First Nation] CIDE-20 91.9 8 watts/PQ Gros-Morne 103.1 6 watts v, 10 m, d-a, a relay of CJMC 100.3 Ste-Anne-des-Monts
- PQ St-Pamphile CJDS 94.7 24 watts h,v; 91 m, French m-o-r "to serve the regional municipality of L'Islet"; 3819914 Canada, Inc.
- PQ Ste-Perpetue CHOX-2 101.1 16 watts h, 48 m, relay of 97.5 La Pocatiere
- SK Estevan 102.3 100000 h,v; 71 m, \$, C1, Golden West Broadcasting, Ltd. Format rk, with "pop, rock and dance, country and easy listening. . . as well as some folk music."
- ### Low Power FM Stations Granted
- No individual technical parameters available for the following, but the maximum effective radiated power is 100 watts at up to 30 meters above average terrain (h, v, or horizontal and vertical)
- CA Dos Palos *102.9, Dos Palos Radio [Edwards CA North Edwards *102.3, Calvary Chapel North/CA Red Bluff *107.7 R. B. School District [Chapel CA Yucca Valley *103.7 Joshua Springs Calvary/GA Frogtown *100.5, Frogtown Community Radio

- GA St. Simons *94.7 St. Simons Radio, Inc.
- IN Elkhart *96.3 Living Faith Fellowship
- IN Kokomo 94.3 K. Seventh-day Adventist Church
- IN Marion *94.3 College Wesleyan Church. This station is set to start July 1, and it may be the first LPFM to make it on the air nationally.
- IN Valparaiso *98.3 123821 Neighbors Corp. [ment
- LA Alexandria *107.9 M&M Community Develop-/
- LA Bastrop *95.7 Upper Room Church Ministries
- OK Gore *92.5 Cherokee Communications Council
- OK Hennessey *97.7 H. Church of Christ
- OK McAlester 93.3 Jr. Ministries Edl. Assn.
- OK Morrison *103.7 M. United Methodist Church
- RI Newport *105.9 Newport Musical Arts Assoc.
- UT Monticello *103.5 First Baptist Church
- UT St. George *105.1 Latinos Unidos Ecstg. *105.7 Assn. of Community Resources & News (A.C.O.R.N.). "The listing of LPFM stations in the *FM Atlas* is going to be a real challenge, because there is really no easy way to do it. I would be inclined to list them separately by state (like you currently do translators) in reduced-size type, but in the same format as full power stations. . . On the maps, use small type and '-LP'. Keeping all of this data properly updated and current would be a nightmare; perhaps what I've suggested is unrealistic." N.L., Atlanta GA.

Call Letters Assigned

- AZ Colorado City 107.1 KZNZ (KCCA)
- CA Los Angeles 96.3 KXOL-FM (KFSG), Spanish m, "El Sol 96.3," promising to be commercial free all summer. AM is irr Brigham City UT.
- CA Ontario 93.5 KFSB (KNJR), g
- CA Redondo Beach 93.5 KFSG (KMJR), g
- CA San Luis Obispo *89.3 KLFF-FM (KLFF)
- CA Santa Cruz *90.7 KSRI (KJOL)
- IN Hammond 92.3 WPWX (WVJM), "Power 92"
- IA Spirit Lake *88.9 KJIA
- KY Drakesboro 103.9 WNTC (not changing to WKJP), now gr, \$, parallel to WAYM 88.7 Columbia TN, "Way FM," with its own call letters superimposed. Believed to still be commercial.
- ME North Windham 106.7 WMTW-FM (WLAM-FM), nt, mono. It "will leave a void in the Portland market, by taking over [the] popular nostalgia station known as 'The Jewel.'" It's

linked in with Channel 8, WMTW-TV for news; its AM affiliate is WMTW Gorham (formerly WLAM).

- MI Marlette *89.7 WMSQ
- MT Dutton 97.9 KWVR (KLHK)
- NV Wendover 102.3 KDMK
- NY DeRuyter 105.1 WVOQ (WVOA)
- NY Mexico 103.9 WVOA (WVOQ)
- OH Delaware 107.9 WJHT (WXST)
- PA Fairview 93.9 WRPL
- PA Greencastle 94.3 WIHR (WCHA-FM)
- SC Cross Hill 94.1 WCRS-FM (WBDQ)
- SC Greenwood 96.7 WPEK (WCRS-FM)
- TX Sanger 104.1 KTCK (KKMR), t, sports, monophonic, a relay of KTCK 1310 "Sports Radio 1310 The Ticket." Its format is similar to the upgraded KESN 103.3 Allen TX. It was initially simulcasting KKMR 93.3 Haltom City TX in stereo after changing call letters. KKMR is supposed to move its tower after KIKT 93.5 Greenville TX downgrades. "Maybe [the owners] don't think 104.1 is necessary; 104.1 is really weak—a C3 in NW Denton County, so it is only giving northern suburban coverage." [is in Demopolis AL.
- VT Addison 93.7 WXAL-FM (WRRO); AM/
- VA Coeburn 99.7 WVSG (WZQK)
- WY Laramie 104.5 KKHI (KSNA)
- AB Jossard 91.7 CFWE-1 [CFWE-2
- AB Peigan/Blood River Reserve 89.3/
- BC Invermere 97.3 CHRK-3 (CKIS-3), 20 watts h only, 57 lm, d-a, relay of 96.9 Calgary.
- NB Grand Falls 95.1 CKMV
- ON Candy Mountain *93.1 CJOA-1
- ### Low Power FM Station Calls Assigned
- CA Lucerne 104.5 KPFL-LP
- CA Oroville 107.1 KRBS-LP
- CA Turlock 100.5 KEFC-LP
- LA Mansfield 106.1 KEPT-LP
- ME Rockland 93.3 WRFR-LP
- MD Ocean City 107.9 WEES-LP
- Note the identifier "-LP," which will help to separate low power FM from the other stations.

Facilities Changes Granted

- AL Cullman WRRS 101.1 410 m (100000 h,v)
- AL Eutaw WQZZ 104.3 3700 h,v; 187 m
- AL Scottsboro WKEA-FM 98.3 1550 h,v; 200

m, d-a, with 42% power 30-90°
 AL Troy WAXU *91.1 d-a (directional antenna)
 AL Leupp KJKI 98.9 52000 h,v; 17 m, C2
 AZ St. Johns KWKM 95.7 363 m (100000 h,v)
 AR Earle (new) 103.9 d-a, with only 45% power at 250-260°, grant to Joanna Flinn, despite a petition to deny.
 CA Big Pine K256AH *99.1 (from K202BO 88.3), v (from h) [with 22% power at 280-300°.
 CO Denver KFMD 95.7 81000 h,v; 495 m, d-a, / KOSI 101.1 81000 h,v; (495 m, d-a, with same pattern as KFMD) [415 m
 CO Grand Junction KMSA *91.3 30000 h,v; /
 FL Cedar Creek WKSJ *89.5 30000 v (94 m), d-a, 100% power 210-250°, 26% 110-150°.
 GA Sylvester WWSG 107.1 79 m (6000 h,v)
 HI Keaau 105.1 (new) 50000 h,v; 19 m, construction permit to Jon A. Leduc [h,v
 ID Lewiston K207DO *89.3 (from K208DN 89.5), /
 IL Carthage WCEZ 93.9 60 m (6000 h,v)
 IL Genoa (not Oregon) WOXM 106.3 (not 106.1) 6000 h,v; 65 m
 MI Detroit WGRV-FM 105.1 13500 h,v; 291 m
 MN Moose Lake W291AQ *106.1 (from W294AA 106.7), h,v. Moving because of KBFH 107.1 Moose Lake going to 106.9.
 MS Senatobia WKNA *88.9 100000 h, 20000 v, 116 m, d-a, with 42% power at 210-220°.
 MS West Point WKBB 100.9 6000 h,v; 56 m
 MO Garden City KGAR 105.1 69000 h,v; 349 m
 MO Monroe City KWVZ 107.5 10000 h,v; 100 m, C3 [downgrade
 NM Grants KQLV *105.5 51000 h,v; 52 m, C1/
 NM Roswell KWFL *99.5 6100 h,v; 140 m
 OH Ironton WFXN 107.1 3100 h,v 137 m, d-a, with 25% power 100-110°.
 OR Sisters KPXA 104.1 34000 h,v; 180 m
 PA Mill Hall (from Jersey Shore) WVRT 97.7
 PA Pleasant Gap (from Mill Hall) WLTS 98.7, "but both of these are still IDing with their former cities."
 SC Conway W203BG *88.5 (from W201CL 88.1, and before that W204AM 88.7); v
 TX Decatur KDKR *91.3 21000 h, 66000 v, 545 m, d-a, Class C, with full power 170-200°, only 18% power 60-70°.
 TX Littlefield KAtQ 95.5 25000 h,v; 100 m
 UT Nephi KFVR-FM 103.9 74000 h, 684 m
 VA Exmore WEXM 106.1 30000 h,v; 81 m, one-step Class B
 WA Bellevue KBCS *91.3 8000 h,v; 64 m, no d-a
 WA College Place KGTS *91.3 7000 h,v; 381 m, still a C2 [C2 downgrade
 WA Vancouver KSTE 105.9 4200 h,v (470 m), /
 WV Sutton WCKA 97.1 22000 h,v; 229 m
 PR Arecibo WNIK-FM 106.5 25000 h,v; 6 m
 AB-Lloydminster CKLM 106.1 100000 h, 43000 v, 182 m
 ON Hamilton CFMU 93.3 170 v, 81 m, d-a
 ON London CBCL *93.5 231 m, d-a (69300) h only, to embrace \$[tereo]

Stereo—Or to be \$[tereo]

GA Bainbridge WJHW 101.9, "Cat Country 101.9." No SCS, no multi-city ID.
 IL Hillsboro WXAJ, r, hot AC.
 IL Mount Vernon WAJT 102.1, o, classic hits
 PA Trout Run WCIT *90.1, not yet on the air.
 PA WVIA-FA Williamsport WVYA *89.7, to be cj, a relay of WVIA-FM 89.9 Scanton. "It should be built soon."

Monophonic

GA Helen WHEL 105.1 noted with a stereo carrier, but it continues to monophonically relay WGST 640 AM Atlanta.

Format Changes

AZ Oro Valley KCMT 101.9 op, "an odd pick since sister KLPX 96.1 recently shifted that way as well, and Citadel has a classic hits outlet in KHYT (107.5) already there."
 AZ Page KXAS 93.3 mr, soft AC
 AZ Tucson KLPX 96.1 op, classic rock
 AZ Wellton KCEC 104.5 S, I, commercial, no "Radio Campesina"
 AR Fouke KLMZ 104.3 mr
 AR Hatfield KILX 104.1 mr
 AR Menard KQOR 105.3 o
 CA Alameda KXJO 92.7 pr, parallel to KSJO 92.3 San Jose [KSPA-1450 AM.
 CA Escondido KFSD 92.1, moving classical to /
 CA-Patterson KTSE 97.1 S, r
 CA Woodlake KFRR 104.1 pr, adding Kevin & Bean from KROQ-FM 106.7 Pasadena-CA, their first affiliate.
 DE Ocean View WZEB 101.7 r, CHR, adding Rick Dees from Los Angeles in morning drive (tape delayed because of the time zone difference?).
 FL Apalachicola WFCT 105.5 mr, "The Coast." It returns to the air.
 FL Cross City WKZY 106.9 mr [and Tom
 FLFL Englewood WYNF 105.9 still rp, adding Bob/
 GA Canton WMXV 105.7 still op, adds Art Bell 2-5 a.m. [The Beat
 GA Evans WAEG 92.3 r, top 40, "92.3 & 100.9/
 GA Peachtree City WLDA 96.7 s, hip-top and rap. Still "Wild-96-7." It will focus on 18-40-year-olds in the African-American community, sort of between V-103 and Hot 97-5. [& 100.9 the Beat
 GA Waynesboro WAEJ 100.9 r, top 40, "92.3/
 IL Chicago WJMK 104.3 still o. "While it is still 'o', it is now playing only '60s and '70s oldies. The station has recently dumped its all-request show on Saturday nights with an all-'70s show. So you can add '50s rock to the list of music genres shunned by today's radio programmers. WJMK is no longer 'oldies' in the strictest sense of the word. Good-bye Buddy Holly, hello Captain and Tennille. Ugh! I'm just wondering if there are any oldies stations out there still playing '50s oldies? I hope this is not an isolated case," G.O., Wheaton IL.
 KY Benton WVHM *90.5 gt, still monophonic
 KY Louisa WZAQ 92.3 still k, now Jones classic country. [102.3"
 KY Somerset WKII-FM 102.3 r, hot AC, "Kiss/

LA Donaldsonville-Baton Rouge KKAY-FM 104.9 pr, parallel to WUXN 104.5 Jackson. Now "X 104.9 dot com" (from "Old School 107-3, 104-9"). WUXN to get a new format (not "X 104.5 dot com")
 MI Beulah WOUF 92.1 mr, returning to the air, and parallel to WLDR 101.9 Traverse City. Seeks 50000 h,v; 150 m, upgrade to Class C2.
 MI Frankfort WBNZ 99.3 r, parallel to WSRQ 100.1 Bear Lake, which returns to the air under an LMA-to-buy.
 MI Traverse City WLDR 101.9 mr
 MN Grand Marais WXXZ 95.3 op, parallel to KQDS-FM 94.9 Duluth (from WWAX 92.1 Hermantown MN), "KQ" (from "Kiss"), but it has phasing problems. "One channel is louder in stereo; in mono the audio signal is weak and almost distorted."
 MS Brooksville WAIV 96.9 sg, black gospel
 MS Collins WKNZ 107.1 mr
 MS Laurel WMXI 98.1 sr
 MS Richton WXHB 96.5 gt, Salem southern gospel, plus Rush Limbaugh
 MO Miner KBHT 107.1 r, modern AC
 MO Shell Knob KQMO 97.7 S, o, with the Spanish Friday nights and 14 hours on Saturdays and Sundays. It is the idea of Frank and Jose Soriano of Monett. They approached several area stations before finding a ready outlet in KQMO. The brothers have become celebrities in a two-state area served by KQMO. "They are on the precipice of being a real success," said Art Morris, station general manager. Other stations they approached would only talk to them about airing the show at times like 3 a.m. to 5 a.m. "Who's going to be listening at that time of night?" asked Frank. [93"
 MT West Yellowstone KEZQ 92.9 op, no "Easy/
 NV Reno KNHK 92.9 stlfo, classic hits. It adds Bob & Tom from Indianapolis. [Joyner
 NY New York WRKS 98.7 s, adding ABC's Tom/
 NY Saranac Lake WYZY 106.3 mr
 NY Willsboro WXZO 96.7 t, mono (from "The Zone"), parallel to WEAV 960 AM Plattsburgh. Its jazz music moves to WJVT 92.1 Port Henry.
 NC Hickory WXRC 95.7 op, dropping Howard Stern in favor of Lex & Terry mornings. The Charlotte Observer observes that WXR paid \$500,000 to carry Howard Stern's show each year. The problem: Local advertisers were cool to advertising on the program, despite good ratings, "so station owner Dave Lingafelt couldn't make a profit." The paper went on to say that it's unlikely another station in the area will pick up the Stern show. [Tom.
 ND Bismarck WBYZ 96.5 still op, adding Bob & /
 OR Depoe Bay WDEP 105.5 r, hot AC. It is on with 3600 h,v; 369 m.
 OR Grants Pass KROG 96.9 r, hot AC, "Star 97"
 SC Beaufort WJWJ-FM 89.9 nj
 PA Williamsport WPTC *88.1 pc, with WCPE 89.7 Raleigh NC during off hours.
 WRLC L *91.7 pt, carrying World Radio Network during off hours. [com died."
 SC Port Royal WHBZ 99.7 op, "Comedyworld dot/

SC Seneca-Greenville WHZT 98.1 rs, rhythmic top 40, adding Spartanburg to its ID list. "These changes occurred in conjunction with the new calls and nonID reported last month, p. 2, col. 2. They now answer the phone with, "Cox Broadcasting." [Hot Country 93.7"]

TN Atwood WTKB 93.7 o, "Oldies B 93.7" (from/ TN Munford KXMI 98.9 j, "Smooth Jazz 98.9," and joining WGKX 105.9, WSRR-FM 98.1 Millington in serving the Memphis market.

TX Franklin-Bryan-College Station KZTR 101.9 rm, "101.9 The Valley" (from "B 102").

TX Hempstead KEZB 105.3 S, g (Spanish, Christian). It is co-owned with KLTR Caldwell TX, "which has been battling rock KTSR College Station over the 95.1 frequency."

VA Elkton-Harrisonburg WACL 98.5 op, with John Boy & Billy, "98 Rock" (from "Cool 98.5"). It is co-owned with New Market (see below).



VA New Market

WBHB 103.3 o [adding Howard Stern

WA Seattle KISW 99.9 still rp/ [92.9"

WA Toppenish KQSN 92.9 r; hot AC, no "Sunny/ WI Wausau WIFC 95.5 rm, with "more of an adult sound," saying, "Today's Best Variety 95.5 WIFC."

On Air—Real Stations and Pirates (Selected)

AZ Scottsdale K209DV *89.7, with KBAQ 89.5 Phoenix

AR Blytheville KBCM *88.3, having moved from 88.1

CA Los Gatos K201FW *88.1: "Covers up previously-received KZSC Santa Cruz and to a lesser extent KEDR Sacramento at my South Bay location."

CA Santa Barbara KMRO-2 *90.3, with vertically antenna side-mounted on a church steeple. Signal is improved from what it was.

IA Castalia KMAP 107.5, with 100 watts.

KY Central City W278AD *103.5 with the monophonic religious talk format of WVHM 90.5 Benton KY.

LA Lake Charles KOJO *91.7 had been silent. Back on with religion.

WBACH 107.7

ME Bar Harbor WBQI 107.7 returns to the air with classical, "W Bach." It joins siblings WBQX 106.9 Thomaston, WBQW 106.3 Scarborough and WBQQ 99.3 Kennebunk. "This is, in my humble opinion, the finest radio station I have had the pleasure of listening to. Up until today, we in the Ellsworth/Surry area had been receiving the sometimes poor signal from Rockland. Now the signal is loud and clear," said Brent Ander of Surry. The signal will get even stronger, as WBQI has yet to upgrade to its full Class C3 status.

MN Prior Lake (area near the Twin Cities): "A great new pirate at 97.9. . . talking about really cool stuff. I think it was called Revolution Radio." Another person mentioned it has "cool music by this anarchist crazy guy with anti-government rhetoric. The guy is a nut!"

WBAI NY's Staff "In Turmoil"

MS Tupelo WAJS *90.9, with \$, gr via satellite.

NM Santa Fe KHFM 95.5, now with classical rather than its being on Albuquerque's 96.3 (which is now KBZU, "96.3 The Buzzard"), elicited this letter published in the Albuquerque Journal: "Many of us in the Northeast and Southeast Heights in Albuquerque are going to be very disappointed with the poor signal, as shadowed by the northeast Sandia Mountains. I've been fiddling with antennas and wires all weekend trying to get a listenable stereo signal on 95.5, all to no avail. We had all better be wary of future developments at KHFM—the classical format has been very vulnerable across the country, lately. A few classical stations, notably KING in Seattle and WCLV [Cleveland] have taken steps to protect their formats by getting recast as classical music broadcast foundations—perhaps KHFM could do the same. . . We should do whatever we can to get KHFM back on Sandia Crest where it belongs!" Richard Shagam, Albuquerque.

NY Lockport "Free 93.3," with hard rock, folk, classical. "They have a healthy stereo signal."

NY New York WBAI *99.5: Listeners are "up in arms and the staff is in turmoil" after longtime g.m. and two other employees were fired. Locks were changed to keep program director Bernard White and producer Sheran Harper, as well as manager Valerie Van Isler. Van Isler refused an assignment at Pacifica's Washington DC offices. But there have been charges that the leftist-leaning station and its offices are turning more corporate, and trying to appeal to a younger demographic group. It is reminiscent of the turmoil that engulfed KPFA *94.1 Berkeley CA, where employees and volunteers were locked out. "Many people feel like there's a purging going on at this station, and it is very frightening, between the firings and the banning of people. It's a very chilling atmosphere," said Amy Goodman, host of *Democracy Now*. She ended one program with the words: "From the embattled studios of WBAI, from the studios of the fired and the banned. . ."

PR Bayamon WCOM, "Cosmos 94," 94.7 fined \$16-800 for indecency. It aired "graphic, patently offensive references to sexual activities or sexual organs" Oct. 18-20, 1999 when owned by Chancellor Media. Present owner Clear Channel has 30 days to pay the fine. The fine was reduced from \$21,000 by the FCC on the grounds that WCOM had no history of prior offenses.

PQ Trois-Rivieres—several stations lost their tower when a small plane collided with it, killing the pilot, and lodging his body and the wreckage of the plane in the tower. The tower was subsequently deemed to be unsafe, and was taken down, with the body removed. Stations believed to be back on the air, but at lower power are CBF-8 *88.1, CIGB 102.3, CHFX-1 *104.3, CBMZ *106.9, as well as four TV stations.

GHANA—Several FM stations are cited as having contributed to democracy in this African nation. In 1995, the government gave up the monopoly on the airwaves, and allowed for private FM stations. Since then, more than 40 have come on the air, with programs in English and native Ghanaian languages. They play local music, read their own news and offer live talk, "where Ghanaians can tell the government and each other whatever's on their

minds," writes Thomas L. Friedman, New York Times news service. FM radio was mentioned as allowing J.A. Kufour, a free-market democrat, to defeat Jerry Rawlings' political party, described as "tired, floundering, which had run Ghana into the ground during 20 years in office." Of Ghana's 10 provinces, eight have flourishing private FM stations. In the two that don't Rawlings' party won, while Kufour won in the eight that do. Two influential stations (frequencies not available) are SKY FM and JOY FM. Friedman gives as fact that the four most democratic countries in West Africa today are Benin, Ghana, Mali and Senegal. All have private, flourishing FM talk radio stations. He suggests foreign aid and IMF-World Bank loans be limited to governments that permit free FM radio stations.

Off Air—Or Not Yet On

IN Chesterton WAJW *89.5—"It's been off for several days."

MI Tawas City WHST 106.1 had been r, now silent.

WY Jackson "The Shark" 92.9 busted by the FCC. It may turn legit through the community radio movement.

Deletions

MI Oak Park WOPR *90.3 petitions the FCC for reconsideration.

OR Tri-City—deleted translator K244BC 96.7 seeks reconsideration. Its application for 96.3 had also been rejected.

FMistakes—FM Atlas-18, FMedia!

AR Monticello KHBM-FM—remove from p. 197. An earlier-correct mistake was on p. 129, which had it on 93.5, instead of 93.5.

CA Chowchilla KSKD 93.3 is S, I. Listed April p. 2, col. 3 under "Facilities," rather than "Formats."

BC Fountain Valley VF2369 96.9 frequency missing, Apr. p. 1, col. 1. Location is 50-47-25; 121-56-30.

PQ Sully 93.5—it was Industry Canada, not the CRTC, which had the incorrect CIEL-5 calls listed. See Apr. p. 1, col. 2.

SCServices, 57, 67, 92 kHz

Symbols are as in the FM Atlas

AZ Globe KRXS 97.3 †()

AZ Wickenburg KSWG 94.1 †()

CA Alturas KCNO 94.5 †()

[FM]

CA Coachella KCLB-FM 93.7 †(), reading "KCLB-"

CA Los Angeles KKBT 92.3 RDS reads "Mega 92.3." The Info button gives: "L.A.'s Jammin Oldies Mega 92.3"

KCBS-FM 93.1 no †(), removing RDS

KBIG 104.3 reads "KBIG 104"

CA Twentynine Palms KCDZ 107.7 †(), reading

"KCDZ-FM." "This was my first experience with RDS for a full week, and I found it to be a very nice feature to have," E.S., via e-mail.

GA Marietta WKMX 101.5 no SCS (dropped †, Z, 92)

MA Cambridge WHRB 95.3 no †Q, Greek. "It disappeared about a month ago. The owner said he was to take a two-week vacation in the Caribbean. He stayed right here. I think he hasn't paid his bill to the station."

PA Tyrone WGMR 101.1 no more †().

NonIDs, Not Just Slogans

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

IN Vevey WKID 95.9 K 95.9 Froggy (from "96 Country")

KS Dodge City KRPB 93.9 Ralph 93.9 (from "Ralph")

KY Burnside WLLK 93.9 Lake 93.9 (from "Lake")

LA Baker WTGE 107.3 Old School 107.3 (with no reference to 104.9; see "Formats" above, LA Donaldsonville).

MN St. James KXAC 100.5 Oldies FM 100.5 [95.7

MS Olive Branch-Memphis-TN WOTO 95.7 Oldies/

MO New Madrid KTMO 106.5 uses calls, "106.5-KTMO." (Hit Radio).

TN Columbia WAYM *88.7 Way FM (from "Christian/

Multi-City IDs In Use

TX Allen KESN 103.3 with Dallas-Fort Worth, "ESPN 103.3 FM," and "in glorious mono. As a rim-shooter it helps coverage to be mono, as is KWRD-FM 100.7 Highland Village TX, also trying to serve Dallas-Fort Worth."

Selected AM Happenings

GA Atlanta (formerly licensed to the suburb of Buck-



head) WQXI 790 kicks out the I-Man, Don Imus. Somehow, management heard a diatribe against it which was carried over the air. Imus launched a heated attack against the station owners Steak Shapiro and Andrew Saltzman. "This was no good-

natured kidding. The I-Man ripped the two broadcasting execs from stem to stern, tossing out disparaging remarks about their looks, their wives, their parents and even the brand of ice cream he imagined was in their freezer (Häagen-Dazs). It seems that Imus had just read an item in the New York Post reporting that 790/The Zone was going to drop his show, "replacing it with 'Mayhem in the A.M.'," hosted by Shapiro. So Saltzman pulled the plug earlier on Imus earlier than he would have. [Comments by Richard L. Eldredge in the local newspaper's "Peach Buzz" column.]

GA Glennville WKIG 1580 deleted by the FCC.

IA Davenport KFQC 1580 deleted.

KY Beaver Dam WAIA 1000 had been talk. Silent for transmitter work, but expects to be back on in June.

LA Vidalia KVLV 1400, black gospel, now silent.

OH Sidney WMVR 1080 had been soft AC, parallel to 105.5 FM, now silent. [religion.]

TX Port Arthur KDEI *1250 had been silent, now/

ON Toronto CHUM 1050 played its last son. Now "Team 1050." However, "Toronto needs an FM oldies station to get with the times."

FMakings—Selected FCC and Industry Canada Applications

AL Arab WAFN-FM 92.7 1450 watts h,v

CA June Lake KIHS *90.9 50000 h,v; 105 m

CA Mecca KRCK-FM 97.7 1270 h,v; 219 m

CA Patterson KOSO 93.1 50000 h,v; 150 m

CO West Glenwood 95.5—booster of KRVG Glenwood Springs

FL Key Largo WRAU 106.3 470 h,v; 245 m

FL New Port Richey WLPJ *91.5 50000 h,v; 93 m, C2, no d-a (directional antenna)

FL Orlando WSHE 100.3 457 m

GA Athens WMSL *88.9 20000 h,v; 96 m

GA Bowdon WYAI 105.3 6100 h,v; 674 m, C1

KSIL Wants Move from ID to MT

GA College Park WWWQ 100.5 13500 h,v (d-a), upgrade to Class C2

GA Sparta WPMA *102.7 25000 h,v; 92 m, C3

IL Peoria WZPW 92.3 15000 h,v; 128 m, B1 upgrade

IN Vincennes WATI *89.9 4500 h,v

KY Lerospe WSPE *88.3 1000 h,v; 98 m—all the data did not print last month.

MA Hyannis WPXC 102.9 25000 h,v; 52 m, B1

MN Coon Rapids (move from New Richmond WI)

107.1C2 (from 107.1A), 25000 h,v; 150 m, transmitter Shoreview MN, to serve Minneapolis-St.

Paul, Hubbard Broadcasting Co.

NY Sylvan Beach WBGJ 100.3 1460 h,v; 62 m

NC Manteo WOBX-FM 98.1 40000 h,v; 71 m

NC Wilson WXJC *90.5 1550 h,v; 64 m

OR Bend KMTK 99.7 30000 h,v; d-a, C2

SC Anderson WJMZ 107.3 172 m

SC Murrells Inlet WYEZ 94.5 25000 h,v; 100 m, C3

TX Dallas KRBV 100.3 555 m

TX Highland Village KWRD-FM 100.7 600 m

TX Llano KEXX 106.5 25000 h,v; C3

UT Provo 105.1—105.1, booster of Manti station

WI La Crosse WLSU *88.9 8200 h,v; 283 m, C2

WI Nekeosa WZRK 93.9 100 m

WI Superior *88.5: "I am writing on behalf of the State

of Wisconsin Educational Board, applicant for a

new noncommercial educational FM station Chan-

nel 203 Superior WI (BPED-19971211MC). Since

both you have on file mutually exclusive applica-

tions, I am writing to ask if you have any interest in

exploring settlement possibilities between our

competing applications. As you probably know, the

FCC has established a settlement window between

now and June 4, 2001," FAXES Ernest T. Sanchez,

the Sanchez Law Firm, 2001 L St., N.W., Ste. 200,

Washington DC 20036. His FAX went to American

Family Association, applicant for 88.1 Wentworth

WI, and Lincoln High School, applicant for 88.7,

Esko MN. "I would appreciate hearing from you at

your earliest convenience."

WY Pinedale KPTN 101.1 230 h,v; 135 m

PR Bayamon WCOM 94.7 31000 h,v; 560 m

PR San Juan WZNT 93.7 28000 h,v; 560 m

FM Rulemakings Proposed

First date is for filing comments at the FCC;

second date is for replies. Stations af-

ected, if any, are listed

AL Auburn 100.5A at 3.2 km S. because of WLXY

100.5C1 Northport AL, June 18, July 3.

FL Neptune Beach (move from St. Augustine)

97.9C2, WFKS, June 18, July 3.

GA Plainville 104.9A at 6.5 km NW because of

WFSH-FM 104.7C1 Athens GA, June 18, July 3.

MI Hemlock (from Mount Pleasant) 94.5C1, WCEN-

FM from the same site. It would remain short-

spaced to WKLG 94.5C1 Holland, WBYB 94.3C2

Leland and WCSX 94.7B Birmingham, June 25,

July 10.

OR Pacific City 104.3A, June 18, July 3.

SC Simpsonville (move from Newberry) 106.3A,

WGVC, which would downgrade from C3, July 2,

17.

TX Shiner 94.3A at 5.1 km W because of KAJI

94.1C3 Point Comfort, June 18, July 3.

WI Rosholt 100.5A at 8.6 km NW because of WIZD

99.9 C3 Rudolph and WNCY 100.3 Neenah-

Menasha, June 18, July 3.

FM Rulemakings Finalized

Filing periods delayed pending announcement of auctions

AZ Camp Verde—the FCC reaffirmed its decision to deny Desert West Air Ranchers' petition to move 95.1C from Winslow AZ.

AZ Morenci—dismissed Copper Valley Radio's 105.9A bid. Petitioner did not express continuing interest in the proposal.

CA McKinleyville 95.1C3 (as requested by Four Rivers Bcstg.); *103.3C3 (requested by Christian Country Network).

CA Patterson 107.1A

CA Willow Creek 98.5A

CO Avon (move from Aspen) 103.1C3, KZYR. Site to be at KSPN's present site (97.7).

CO Aspen (move from Aspen) 97.7C2 at 5.3 km E, affecting KSPN.

CO Limon 93.7A

CO Parker (Denver) 103.1C at 63.4 km E (from Limon CO 103.1A), KAVD

CO Westcliffe 92.7A (for 103.1A).

GA Arcade (Athens; move from Royston) 103.7C3, WPUP.

GA Young Harris 95.1A

ID Wallace KTWD *97.5—not moving to Lolo MT.

Seeks 12000 h,v; 674 m, d-a.

KY Cadiz WKDZ-FM 106.3A, not moving to Oak Grove KY as a C3. The station decided to stay.

MI Bear Lake 106.1A

MI Cass City (move from Caro) 92.1C3 for A, WDL.

MI Ludington WKLA-FM 106.3A. Show cause/why it should not move to 98.7A, with Bear Lake and Walhalla MI.

MI Paradise 94.7A

MI Walhalla 106.5A

MN Alexandria (from Sauk Centre) 94.3A, KMSR, at a new site, 8.8 km NW.

MN Northome—denied PhaarNorth's 106.1A bid. The FCC determined there was no continuing interest in the allocation.

MN Sauk Centre (from Alexandria) 100.7C1, KIKV, at its current site. But can't change until KMSR gets re-licensed to Alexandria.

MO Laurie 100.9C3 at 6 km S, Bott Bcstg., to also serve Camdenton. The FCC denied Camdenton

Community Broadcasters' 100.9 Camdenton bid.

MO Windsor (move from Warsaw) 98.5A, KWKJ.

MT Big Fork (move from Wallace ID) 100.7C, KSIL.

Opposing comments came from Bee Broadcasting (KBDR 106.3 Kalispell, KKMT 95.9 Columbia Falls and an AM), at a new site. The FCC said this move

would be possible because of *KTWD 97.5 Wal-

lace ID (which is not moving to Lolo MT). [permit.

NE Imperial 102.9C0 (from C), new construction/

NE McCook 102.1C1 at 19.6 km W because of KRQY

101.9C1 Hill City KS and an application by KRN

102.3C Kearney NE. May affect KPNY 102.1C Alliance NE.

PA Duquesne (move from Charleroi) 98.3A, WOGI

TN Lynchburg 107.1A

FM As It Was—Or Might Have Been

Here are some more facts from the article in *Broadcasting-Telecasting*

magazine, April 8, 1957, entitled, "How

Bright a Future for FM?" by J. Frank Beatty.

Since Los Angeles already has 17 fm stations (including that granted Feb. 13 to Bible Institute of Los Angeles), it's obvious that fm broadcasting is flourishing and widespread, if not always reeking with money. Third-ranking fm market is Washington DC, where this interesting situation prevails: Fm stations outnumber am at night, 11 to 10.

Why are there 530-odd fm stations on the air? These are the possible reasons:

- It's apparent that a lot of daytime-only am outlets use this chance to stay on the regional air at night.

- Hundreds of am stations have cruel interference problems at night and they duplicate programs on fm to combat this aural chaos.

- Independent music programming fits neatly into background music services.

- The raising of musical tastes nationally provides a growing market for fm stations specializing in serious and semi-serious music. It's interesting to note that teenagers are becoming long-hair fans, and their ears are conforming to the improved quality of modern recordings as well as the special ability of fm to provide noise-free, high fidelity signals.

- Many stations sell sports fm-only, or on fm at night in the case of am daytimers. [I can remember KWPC-FM 99.7 Muscatine IA doing this after its daytime AM signed off—b.e.]

- The belief that fm has hit bottom and is now starting upward.

- A number of national advertisers are starting to show interest in the high-quality, faithful audiences that fm stations command.

- Most rates run only 50% to 60% of am rates.

- Hi-fi and not-so-hi-fi receivers are coming in from abroad, many of them attractively priced.

- A check of domestic manufacturers shows a willingness to join Zenith and Granco in shooting for a mass market if public interest in fm continues to climb.

- Some new regional hookups are being talked up.

- Fm is fine in bad weather.

- The custom hi-fi audience, while not a mass market, is a fussy one and many fm stations cater to it successfully.

- The electronic woods are full of experts who cling to the belief that all aural broadcasting will move to fm some day.

- Some operators have so much money invested in fm that they're afraid to back out.

- Others have their investment written off and don't mind a little extra expense in view of putting out a clean signal based on quality programming.

- A number of new fm service enterprises, such as station-network representatives and regional networks are projected. These include such projects as Western Fm Network, providing taped packages west of the Rockies, and proposed formation of an fm representative-promotion service during the current NARTB convention by Charles W. Kline, of Chicago, sales representative. He also wants to form an all-inclusive fm trade association.

Educated guesswork: The audience for fm is hard to determine, but the Radio-Electronics-Tv Mfrs. Assn. Data indicate that 7.5 million receiving sets with fm tuners have been produced since production was resumed in 1947 following the World War II layoff. The figures range from 1,140,000 sets produced in 1947 and 1,529,000 in 1948, the peak fm year, to 250,000 in 1955 and 200,000 in 1956. In 1952 the factories began losing interest, producing 525,000 sets with fm. Now the figure is down to a skeleton level.

Zenith has led the fm set filed for years. Then in 1954 Granco Products, Inc., Long Island City NY, decided to add fm radios to its line of uhf tv converters. Now it claims a third of the national fm production, making fm and am-fm tuners as well as complete sets though not a basic maker of hi-fi components. Granco sets range from \$33.95 to \$59.95 plus clock fm radios from \$54.95 to \$64.95. Granco projects that 500,000 FM sets will have been produced in 1957.

Fewer than 12,000 of the more than 7.4 million television sets produced last year contained tuners capable of catching the fm band. This is due to the domination of the turret-type tuner, which has almost pushed the continuous model, with its 88-108 mc segment, off the market.

The RETMA has designated a special committee to study fm radio imports; that committee is headed by Dr. W.R.G.

Baker, General Electric Co. The committee has bought some foreign sets and is now in the process of dissecting them on laboratory benches to see how good they are. GE, by the way, is showing new interest in fm set production and the fm audience.

In 1955, imports ran about 20,000. They rose to 50,000 in 1956 and are expected to reach 75,000 this year. Among popular makes are Majestic-Grundig, Telefunken, Elite, Phillips (Noretco) and Btaupunkt. Most have English dials and often they are shipped in chassis form, with U.S. tubes inserted in the sockets.

Next month, the article continues with a consideration of the possibility of fm in automobiles.

WGMS Washington May Have Battle on Its Hands Over Opera Broadcast Cancellation

Oh, they are playing with fire, those executives at radio station WGMS (103.5) Washington DC, begins an editorial in the Washington Post. Its decision Those scoundrels at WGMS are doing the unthinkable—canceling the Metropolitan Opera broadcasts, and breaking a 60-year tradition of offering grand opera on Saturday afternoons.

The decision has inflamed artsy Washingtonians who will be disenfranchised from this unique institution. Alas, Texaco will have one less market in which to underwrite its broadcasts.

WGMS corporate chiefs, look out! With these opera lovers, it's definitely not over till the hefty Valkyrie vocalizes, in that Wagnerian moment, more than four hours into the show, the lady vaults onto a funeral pyre while in full song, the flames leap heavenward to set Valhalla afire and the entire assembly of gods is consumed as they sit around a table from which they have been used to running things, often rather badly. It's called "Goetterdaemmerung," or, as angry Met listeners might translate it, "Twilight of the Board of Directors."

An e-mailed thought from a subscriber. Mormon influence in DC is not small, and they can be arts-minded, likely to support the Met broadcasts. And WGMS would not be the first station to try to drop the broadcast. However, "Salt Lake City-based Bonneville might have a battle on their hands!"

Small-Print Happenings and FM Industry News

Durango CO's Four Corners Broadcasting has filed a petition with the Federal Communications Commission to block the sale of five radio stations in the area. The contention is over all the licensed commercial stations in Cortez CO. When Roberts Radio sold KISZ 97.9 last year, Clear Channel Communications put that station and four others it owns in the

market into a trust, and is trying to sell them all to Winton Road/AGM, which already owns two other Cortez stations.

Four Corners Broadcasting is contesting the sale based on FCC rules that forbid one company from owning 100 percent of a market after a sale. "To us, it is very important. We want to keep the competition going," said Ward Holmes, general manager of Four Corners Broadcasting and Western Slope Communications. But AGM has said it considers Four Corners to be one market area. The area includes Durango CO and Farmington NM, as well as Cortez CO. Holmes said it will be up to the FCC to determine where the local market area is.

The FCC, in fact, in the waning months of Bill Kennard's chairmanship, issued a proposed rule making which would seek comment on exactly how to define radio markets. This would help make clear, in places like Durango-Cortez-Farmington, whether a market is an area that has signals touching the various cities, or if it might be more strictly defined, such as by city of license.

"We question whether the use of overlapping signal contours is an appropriate means of defining market boundaries, and counting the number of stations in a market," said an FCC release.

The FCC had invited comments as to how to define markets. It is unclear how the Michael Powell-led FCC will proceed with this proposed rule-making.

The biggest behemoth in radio broadcasting is Clear Channel, and the business paper Barons had an article, "No Clear Signal," describing the travails of this company. With the U.S. economy slowing, and more dot.coms nearing extinction, skeptics worry that the company's advertising revenues will continue to erode. In March 6, 2000, "we speculated that ad growth would be tougher to come by as the Federal Reserve raised interest rates to curb the economy's strength, and as more dot.coms unraveled. Clear Channel executives countered that increased spending by traditional retail and automotive advertisers would take up the slack, but that hasn't happened as those sectors too have fallen on harder times.

"Clear Channel's shares jumped about 10 points, to 80, shortly after our story appeared, but by November had sunk into the mid-\$40s. . . . Meanwhile, the Bush administration is expected to be more flexible about industry consolidation than the Clinton White House, and radio station valuations could rise on expectations of more deals. Market leaders such as Clear Channel and Infinity Broadcasting likely would be the biggest winners; Goldman Sachs notes they're the only radio and outdoor advertising companies with a presence in virtually all of the top 50 markets."

But with subscription companies coming in like Sirius and XM, each with 50 music channels, plus information channels that will carry advertising, Clear Channel's prospects might not be so rosy. This will pose a competitive threat. "Worse, Clear Channel could fall victim to its own success, as it will be challenged in the future to find investment opportunities as

attractive as those that brightened its recent past," writes Leslie Norton.

Digital audio broadcasting may be around the corner—at least so thinks the M Street Journal folks who traveled to the NAB show in Las Vegas. In-band, on-channel DAB seems to be gathering momentum, both at the regulatory level (where it is believed the FCC will start considering a DAB standard later this year) and the technological level, where iBiquity Digital ran some strong demonstrations on the convention floor. Harris has committed to building DAB transmitters, and there's talk of using the medium like SCS for generating revenue through data streams. "The NAB says attendance at this year's show was about 112,000—not a record, but a solid showing." But the Society of Broadcast Engineers, Milwaukee Chapter, in its newsletter warns that current transmitters with Class C RF amplifiers may not have sufficient linearity to pass the IBOC digital sidebands. Some might be modifiable (with far less power and efficiency); others would need to be replaced, resulting in less broadcaster enthusiasm for IBOC-FM. But strong support was sensed for IBOC-AM, "with its quantum leap to 15 kHz stereo." If true, this might herald renewed interest in music on AM, but the sound, in a demo, seemed "synthetic."

Gloria Tristiani, the FCC's crusader against broadcast smut might get her way after all. The FCC has announced its long-awaited policy statement about broadcast indecency standards. In the 28-page document, Howard Stern is mentioned only once, while "Bubba the Love Sponge" is cited four times. The document was approved on a 3-1 split vote.

Two commissioners who are about to leave had separate comments. Susan Ness decried "an onslaught of on-air smut" and a "festering problem of indecency on the airwaves." She urged broadcasters to work with Congress and the president to reinstate a voluntary code of conduct, much like the NAB's old Code of Good Practices. Harold Furchtgott-Roth argued that, with the Internet and cable there are now so many sources of content, all restrictions should be eliminated. Indecency, such as one or two words in a newscast, or an Oprah Winfrey program about sex would be permissible. The principal elements in deciding if a broadcast is indecent is the explicitness or graphic nature of the description, whether the material is dwelled on or repeated at length, and most important, if "it appears to pander or is used to titillate, or whether the material appears to have been presented for its shock value." [See also last month, p. 8, col. 2.]

The new Commission has laid to rest the equal employment opportunity (EEO) rules. This frees broadcasters of certain recordkeeping responsibilities. But it does not free them of anti-discrimination clause of the rules. The ultimate fate of the rule is to be determined. "However, stations should voluntarily continue to do outreach for job vacancies," the NAB exhorted.

One Mike Morrison of Morrison Sales Company was fined \$2000 by the FCC for making "non-compliant" devices for use in the FM broadcast band. The agency noted at least 12 transactions involving FM transmitters that exceeded the field strength limitations prescribed in Sec. 15.239 of the rules. The investigation began with the

Atlanta FCC office, and included a customer, Skywave Electronics of Rockford IL.

An area of keen interest to broadcasters and newspapers is the newspaper/broadcast cross-ownership rule. It is expected this will be abandoned after being in force 25 years.

WUSN 99.5 Chicago is embarrassed by a memo that the station didn't want to get out. Program director Justin Case (his real name?) told staffers to attend the George Strait Country Music Festival, but that they'd have to pay their own way. Promotional tickets were only available to listeners who called and won a contest. Case advised staffers to go for the cheaper \$29.50 lawn seats, and told them they could take it off their taxes. If it were a smaller station, the cheapness of management could be understood. But "US 99 proudly calls itself 'America's most listened to country music station', boasting an audience of 700,000 listeners a week. More important, the Infinity Broadcasting outlet was the No. 1 biller in the market last year, posting revenues of \$46.1 million. So this isn't about some dinky little radio station nickel-and-diming its employees. It's a lot scarier," writes Robert Feder, radio-TV columnist, Chicago Sun-Times. "If that's the way it is at one of Chicago's top radio powerhouses, how much worse can it be at one of the losers?" he asked.

In a later column, Feder wrote: "Employees at WUSN were quaking in their boots after their bosses called a meeting and angrily threatened to fire the source who leaked a management memo to the station. . . . Infinity Broadcasting, parent company of US 99, grossed close to \$2.5 billion last year."

John Graff announced his retirement after over 30 years as chief engineer WUWM *89.7 Milwaukee. This follows the move of the station to new facilities in downtown Milwaukee, which he undoubtedly helped design.

Obituaries: Christian radio engineer David Briggs, 50, of liver and bone cancer. I spoke to his wife, Janet, who remembered that I supplied an SCS receiver for the short-lived Children's Sunshine Network at KTEO *90.5 Wichita Falls. She said she is in charge of KTEO now. Briggs was at KCBI *90.9 Dallas, and built the Criswell shortwave station and the FM network "from the ground up."

Mel Johnson, 83, longtime host of Tips for Teens on KTIS-FM 98.5-AM Minneapolis and other Christian stations. He previously worked in Grand Rapids MI and in Chicago, moving to the Twin Cities in 1955. A new college media center at Northwestern College is to be named in his honor.

WNWC *102.5-AM Madison WI raised a record \$616,000 in pledges during its sharathon last fall, according to NRB magazine.

From the classifieds: I have two rare GE Superadio IIs for sale, model 7-205F, both in very good condition! All controls are intact. FM antenna mounts are somewhat loose. Superb reception on both FM and AM! Asking \$100 or best offer. John Clark, 518-654-6531 or killickclark@hotmail.com.

Tepco T-340 FM translator 2 years old, like new, 2 avail., \$2000 each. Carl Marker, WHWL, 130 Carmen Dr., Marquette MI 49855; 906-249-1423.

Wants old FM Atlases. I have editions 11-18, and soon will be getting #9. I know the early books are extremely rare, but maybe somebody has some to sell. Jim George, piratej@cybercomm.net.

Until June,

Bruce J. Elving

THE FM RADIO NEWSLETTER

For the broadcaster and the enlightened media consumer

A newsletter of fact and opinion about FM radio and related technologies—from the publisher of the FM Atlas.

Published monthly (although when the annual FM Atlas is being prepared there may be no issue). Subscription price \$75.00 annually, single copies \$6.50. ISSN 0890-6718. Phoning? (218) 879-7676. FAX: (218) 879-8333. Copyright © 2001, FM Atlas. E-mail: FmAtlas@aol.com.

New FM Stations, Translators, Boosters, Low Power FM Stations Granted

Translators have less than 100 watts unless shown otherwise; technical parameters for most LPFM stations are not announced, but can be up to 100 watts at 30 meters above average terrain (horizontal, vertical, or both h & v)

AK Juneau *94.1 Gastineau Bcstg. Corp., LPFM
AK St. Michael *92.9 A. A. Andrews School, LPFM
AK Savoonga *88.1 Native Village of Sav., LPFM
AK Sitka *88.1, City and Borough of Sitka, LPFM
CA El Centro *93.7 g, Calvary Chapel of the Imperial Valley, Inc., LPFM [River Folk Society, LPFM
CA Georgetown (E. of Auburn) *95.1, American/
CA Marysville *93.3 g, Calvary Chapel of M., LPFM
CA Mount Shasta *94.1 Mountain Christian Fellowship, LPFM [Springs TX translator), h,v
CA Porterville K208EI *89.5 (KCZO 92.1 Carrizo/
CA St. Helena *106.5 g, S.H. Good News Broadcasting, LPFM [LPFM
CA San Simeon *102.7 S.S. Chamber/Commerce, /
CA Valley Springs (S. of Jackson) *103.7 g, Calvary Chapel Fellowship of V.S., LPFM. Calvary Chapel of Twin Falls ID has applied for an 89.7 translator there.
FL Key Largo *90.9 29000 h,v; 100 m, Genesis Broadcasting Network, in a settlement agreement.
FL Lake City W211BS *90.1 (WPCS 89.5 Pensacola translator), v. A petition to deny was denied.
GA Albany *93.1, Sunshine Radio Corp., LPFM
GA Calhoun *102.9 g, Cumberland Assn. of Seventh-day Adventists, LPFM [stries, LPFM
GA Douglas *96.5 S, g, Hispanic Broadcasting Mini-IL Macomb K205EF *88.9 (WJFM 88.5 Baton Rouge LA), h,v. Note use of "K" call letters in Illinois.
IN Crawfordsville *93.9 g, Calvary Chapel of Crawfordsville, LPFM
IN Oak Park (north of New Albany IN, Louisville KY market) W209BS *89.7 (WPCS), v. Granted in spite of a petition to deny. [LPFM
LA Slidell *103.7, Crisis Pregnancy Help Center/
MI Benton Harbor W216BX *91.1 (KAWZ Twin Falls ID), h
OK Enid *104.7, Enid Public Radio Assn., LPFM
UT Park City KSFI-1 100.3 1000 h,v
KRSP-1 103.5 1000 h,v, d-a (directional antenna); both are on-channel boosters, replacing translators (see "Deletions," below).
WA Ellensburg K210DK *89.9 (KFAE 89.1

Vol. 15, No. 6—June, 2001 "Publishing Estate," 241 Anderson Road Esko MN 55733-9413, USA; <http://members.aol.com/fmatlas/home.html>

Richland); h,v. Had operated as K212AD 90.3.

Call Letters Assigned

CA Dunnigan 105.5 KKFS (from KLNA), gr, "The Fish." It was temporarily parallel to KFIA 710 Carmichael CA.
CA Escondido 92.1 KFSD-FM (KFSD); pr format not given May p. 2, col. 2.
CA Quincy 100.3 KHWG (KSPY)
CA Red Bluff *1007.7 KRBH-LP
CA Ridgecrest 92.7 KZIQ-FM" (KZIQ-FM; AM has new calls)
CT Norfolk *89.3 WSSG
GA Fort Valley *97.1 WLVN-LP
GA Frogtown *100.5 WFNG-LP
ID Rexburg *91.5 KPRI (KRIC) *100.5 KBYI (KPRI) [Sycamore IL
IL Genoa 106.3 WSQR-FM (WOXM); AM is in/
IL Lexington 99.5 WMO5
IL Mount Vernon *88.9 WVSI
IN Boonville 107.1 WYXY (WBNL-FM), o. classic hits. LMA-to-buy with WIKY 104.1 Evansville-WJPS 93.5 Chandler-AM.
IN Ligonier 102.7 WGSN (WLNB)
KY Middlesboro *90.1 WEKM
LA Alexandria *107.9 KCJM-LP
LA Bastrop *95.7 KURC-LP
LA Donaldsonville 104.9 KNXX (KKAY-FM), still *104.9 dot com."
MS Moss Point 104.9 WBUB-FM (WDWG), "Classic Country 104.9." AM is in Bamwell SC.
MO Cabool *89.9 KFFW
MT Colstrip 97.7 KMCJ (KBPY) [Z Lite"
NY Bridgehampton 102.5 WBAZ (WBSO), mr, /
NY Montauk 104.7 WCSO (WBEA)
NY Southold 101.7 WBEA (WBAZ), r, adult, "Beach Radio 101.7." The soft AC format goes to 102.5.
OH Delaware 107.9 WXST (back to, from WJHT), r, adult, "Star 107.9."
OK Coalgate 105.5 KLIS (KNOR), "Classic Rock 105.5" [KNOR (KGOK"-FM")
OK Healdton (moving from Pauls Valley) 97.7/
OR Prineville 95.1 KMJZ-FM" (KRCO-FM)
OR Scio *91.3 K217EI [The Buzz"
PA Freeland 103.1 WBZH (WWFH), /
PA Huntingdon 106.3 WWZB (WQHG), o, "B-106.3"
PA Pittston 102.3 WUBZ (WSHG), "The Buzz"
PA Somerset 97.7 WUZY (WSGY), o, classic hits, "WUZ 97.7"
RI Newport *105.9 WXHQ-LP
SC Port Royal 99.7 WJZX (WNBZ), jt (jazz and talk), "Smooth Jazz 99.7"
TN Spencer *90.1 WZYZ
UT Cedar City 94.9 KXBN (KBRE-FM)
UT Delta 95.7 KMGR (KZEZ)
UT Richfield 97.5 KRFD (KACE)
VA Bedford 106.9 WBWR (WLQE-FM), op, parallel to WBRW 105.3 Blacksburg.
VA Clarksville 98.3 WKSK-FM (WJLC); AM is in Jefferson NC.
WI Cornell 99.9 WDRK
WY Powell 104.1 KCGL (KRYV)
AB Lake Louise 93.9 CHRK-2 (CKIS-2)
NB Fredericton 96.5 CIXN (VF8018), to be \$, gr, "Joy FM." "They claim to be serving 100,000 people. It is on the same tower as the new French station CJPN at 90.5 MHz at the corner of Regent and Priestman streets most of the way up the hill from the river which bisects the city," P.W., Fredericton. The cost of establishing Joy FM was about \$200,000 (a lot for a puny 23 watt signal—b.e.). Another \$200,000 will be needed "to ensure the viability of the station until it is generating sufficient revenues of its own," observes *The Daily Gleaner*. It is one of only about 15 fulltime religious stations in Canada, compared to more than 1600 in the United States. The dearth of such stations in Canada dates back to the 1920s, when individual churches took to the air, often attacking other churches and denominations. Thus, for more than seven decades there was an unwritten policy by the CBC, and later the CRTC, against licensing religious stations. "The licensing of Vision TV as a multi-faith television channel has done more to demonstrate that religion can be on the airwaves in Canada without disrespect toward other groups. After a series of hearings

In the mid-1990s, the CRTC has begun to license religious music stations," said Pastor Doug Hapeman, a director of Joy FM.

Facilities Changes Granted

AL Huntsville W209BE *89.7 h,v; adding v
 AL Ozark WAQG *91.7 3000 [watts] h (115 m)
 AL Tuscaloosa W247AN (from W248AE 97.5), h,v.
 Previously it operated on 97.3 as W247AH.
 AK Anchorage KNIK 105.1 (from 105.3, and before that 105.3)
 AK Fairbanks (new) 96.9 920 h,v; 490 m, construction permit: Northern Radio, Inc.
 AZ Clifton K220IL *91.9 (from K218CY), h,v
 AZ Fredonia KNAY *89.5 10000 h,v; 197m, C2
 AZ Lake Havasu City KJJJ 92.7 1050 h,v (814 m)
 CA Chowchilla—since KSKD 93.3 is now commercial, most of its translators are assumed to carry KLOV *89.3 Winchester OR. These are K215CP *90.9 Mountain Pine AR, K212FB *90.3 Bishop, K216DW *91.1 Cathedral City, K208CY *89.5 Edison, K206CO *89.1 Ridgecrest all CA, W205BT *88.9 New Albany IN, K208DV *89.5 St. Cloud MN, K206CP *89.1 Spring Valley NV, K216DR *91.1 Central Point, K218CQ *91.5 Klamath Falls, K208CV *89.5 Tumalo all OR, K207-CB *89.3 Aberdeen, K207DM *89.3 Port Angeles WA, and K207DI *89.3 Casper WY. K201CK *88.1 Klamath Falls OR is also on, with the same ownership as K218CQ, but relaying co-owned KLVK *88.3 Magalia CA. Former KSKD translators K252CV *98.3 Hobbs and K220GM *91.9 Placitas NM are relayers of KLVW *88.7 West Odessa TX.
 CA San Diego KBZT 94.9 26500 h,v; 209 m
 KIFM 98.1 26500 h,v; 209 m
 CA Shingletown KBHX 96.1 450 h,v; 358 m; but seeks 1700 h,v; 389 m
 CA Weaverville K218CI *91.5 h,v; adding vertical
 CT Guilford WGRS *91.5 50 m, no d-a (6000 h,v)
 CT Hamden WKCI 101.3 11000 h,v; 294 m
 GA Adel WDDQ 92.1 6000 h,v (91 m)
 GA Albany WGNP *90.7 5500 h,v (93 m)
 GA Lyons WLYU 100.9 6000 h,v (100 m) [h,v]
 ID Idaho Falls K217EJ *91.3 (from K220GN 91.9),/IN Hanna (new) *89.9 8000 h,v; 154 m, d-a (directional antenna), with 100% power at 180°, 20% at 90°. [h,v; 112 m]
 IA Bloomfield KXOF 106.9 (from 106.3) 14000/
 IA Des Moines KIOA 93.3 100000 h,v (325 m), Class C0. Was able to increase power, despite nearby KRQC 93.3C3 Bennington NE, and maintain proper spacing as a C0.
 KS Ottawa KCHZ 95.7 98000 h,v; no d-a (299 m)
 LA Ball KHFX 105.5 6000 h,v; 97 m
 LA Eunice KJJB 105.5 1000 h,v; 148 m
 LA Jennings KJEF-FM 92.9 30000 h,v; 195 m, d-a, with only 57% power at 20-30°.
 MD Annapolis WFSI *107.9 36000 h,v (152m), d-a
 MI Highland Park WHPR *88.1 9 watts h,v; 54 m, adds vertical.

MI Houghton WHKB 102.3 4800 h,v; 112m, Class A downgrade. Transmitter across Portage Lake in Hancock MI.
 MN Bemidji KKBJ-FM 103.7 146 m (100000 h,v)
 MN Blackduck WBJL 98.3 146 m (100000 h,v)
 MN Coon Rapids (move from New Richmond WI) WIXK-FM 107.1 25000 h,v; 150 m, C2, for city grade coverage over most of the Twin Cities metro. KROC-FM 106.9 Rochester MN to be a Class C0, down from a C, but applying for a move 10 km north.
 MN Walker KLLZ 99.1 154 m (100000 h,v)
 MS Greenville WDMS 100.7 135 m (100000 h,v)
 MO Springfield KSCV *90.1 9000 h,v (150 m)
 MO Osceola KCVJ *92.3 6000 h,v; 86 m
 MO St. Louis KWMU *90.7 289 m (100000 h,v), C1 downgrade
 NJ Trenton WKXW 101.5 15500 h,v; 275 m. It's being bought by Charlie Banta's Millennium Press Communications, along with two other NJ stations for \$110 million. The other stations are WBSS 97.3 Millville-Atlantic City and WBUD (1260 AM). Quoted an unnamed broker in the online version of *M Street Daily*, "See, Clear Channel's not the only buyer out there." There's speculation that WHTG-FM 106.3 Eatontown NJ may be spun off to yet a different group.
 NY Grand Island (Buffalo) W207BG *89.3 assumed to be carrying WFBF 89.9 Buffalo, not KEAR 106.9 San Francisco (h,v).
 NY Oneonta W249AE *97.7 has WCII 88.5 Spencer (not WMHR 102.9 Syracuse)
 NY Saranac Lake WSLI *90.5 600 h,v; 107 m
 NC Eden WWCC 94.5 299 m, d-a (100000 h,v). Full power 27°; only 42% at 110°.
 NC Harrisburg W202BW *88.3 (from W201CA 88.1), h,v [103.7], h,v
 NC Highlands W277AL 103.3 (from W279AH/WHLC 104.5 d-a (directional antenna) [d-a
 NC Manteo WOBX-FM 98.1 40000 h,v; 71 m,/
 OH Athens WOUB-FM *91.3 150 m (50000 h,v)
 OH Findlay W212BT *90.3 (from W209BE 89.7), h,v
 OH Hicksville WFJZ 106.7 2850 h,v; 147 m
 OK Atoka KHKC 102.1 (moving from 103.1) 3300 h,v; 173 m, d-a, with 18% power 110-150°, 12% at 220°. Class A downgrade.
 OK Perry K296EH *107.1 has KLVV 88.7 Ponca City in stereo, rather than the the monophonic KBVV 90.1 Enid. "I thought KBVV set up this translator, so surprised it was switched to another input." [m]
 OK Sulphur KQRD (not "WQRD") *89.3 h,v; 38/
 OR Cannon Beach KCBZ 94.9 (from 96.5) 1700 h,v; 378 m, C3
 OR Gleneden Beach K219FJ *91.7 (from K218BX 91.5), 210 h,v [89.3], v[vertical]
 OR The Dalles K205EG *88.9 (from K207CU/
 SC Andrews WGTN-FM 100.7 6000 h,v; 100 m
 SC Columbia W207BQ *89.3 (from W206AX 89.1), v

SC Laurens WARA *91.5 290 v, no d-a (100 m)
 SC Surfside Beach WYAK 103.1 8000 h,v; 166 m, d-a, with 100% power at 0°, 12% at 220°.
 TN Memphis WEVL *89.9 4800 h,v; 116 m, C3
 TX Coleman KSTA-FM 102.3 (from 107.1), k[oun]try format. [100.9], h,v
 TX Falfurrias K266-- *101.1 (from K265DJ/
 TX Jacksboro KJKB 95.5 (from 101.7) 3700 h,v; 128 m, "Jack." Not going to 95.3 or 107.7.
 TX Lufkin KUEZ 100.1 (from 99.3)
 TX White Oak KIXK 99.3 (from Linden)
 VT Royalton WRJT 103.1 6000 h,v; 85 m, d-a, with 23% power at 70°. [m]
 VT Warren WDEV-FM 96.1 400 watts h,v; 694/
 WA Richland KFAE *89.1 100000 h,v (350 m)
 WA Seattle KYPT 96.5 49000 h,v; 698 m
 WA Spokane KKRS-1 97.3 50 watts h,v; d-a
 WI La Crosse WLSU *88.9 8200 h,v; 283 m, d-a, with 42% power 130-230°.
 WI Marshall (new) *90.3 51 watts h, 9900 v, 95 m, d-a, with 19% power 290-300°.
 WI Omro WPKR 99.5 25000 h,v; 151 m
 WY Laramie K209EO *89.7 (from K206BS 89.1), h,v; adding vertical.
 BC Nannaimo CHLY 94.5 1300 h,v, d-a. "A stereo generator is being ordered, and we may add an SCMO. Its height depends on how high on the CKWV 102.3 tower they can go." A campus station is going in there on 101.7 and CKEG 1350 AM is to move to 106.9 FM. Similarly, CFSR 850 AM Abbotsford is to move to 107.1. More details after Industry Canada announces the technical parameters.

Stereo—Or to be \$[tereo]

NY Sidney WCDO-FM 100.9 now stereo, but signs off at midnight. It keeps its 10-watt exciter on 24 hours.
 VA Falmouth WGRX 104.5 k, "Thunder Country 104.5." It identifies with Fredericksburg.

Monophonic

Northeast United States—"I'm not aware of any FM stations that are mono!"

Format Changes

Formats are the same as in the FM Atlas

AL Geneva WRJM 93.7 still b, "The Rose" (not strict)
 AK Kenai KWRD 100.1 k[oun]try]
 AR Lake Village KZYQ 103.5 m
 CA Arcata KHSU *90.5 and CA Crescent North KHSR *91.9 cj. KHSU signed on Oct. 17, 1960 as a 10-watt station, and the first licensed station in the California state university and college system. KHSU became part of the community radio movement in the 1970s, with community volunteers joining students of Humboldt State College. "Our first on-air fundraising drive in 1979 netted \$7,500 in pledges. By 1990 com-



munity support from members and business supporters surpassed all other sources of revenue," wrote Terry Green, station manager, in the NFCB's *Community Radio News*. It serves a fairly rural population of 150,000, with Eureka being the largest city with 25,000 people. This small population, with far below the average per-capita income in California, supports five independently operated stations besides KHSU and KHSR. They are: KMUD *91.1 Garberville and its relay KME *88.3 Eureka, KIDE *91.3 Hoopa (California's only tribal station) and relays of Jefferson Public Radio of Oregon. KHSU-KHSR's music is diversified, with even its classical offerings more diverse than heard on other stations in the market. Other forms of music include jazz, folk, reggae, punk, goth, doo-wop, blues and "several programs that defy categorization." It also has northwest California's only Spanish-language programming, *Sabor Latino*, which is run in conjunction with the area's Spanish language newspaper of the same name. The station, now in its seventh decade at what is now known as Humboldt State University "looks forward to new challenges and greater success as we strive to fulfill our positioning statement, 'diverse public radio'." [The Slug]

- CA Hydesville KSLG-FM 94.1 pr, modern rock./
- CA Kerman KBHH 95.3 S, m, parallel to KBDS 103.9 Taft. [99.1 Santa Maria]
- CA Lompoc KSMY 106.7 o, parallel to KXFM/
- CA Los Banos KQLB 106.9 P, e, Portuguese/ethnic
- CA Pismo Beach KXTZ 95.3 op, with Templeton
- CA Templeton KXDZ 100.5 op [1490 AM there.
- CO Gunnison KEJJ 98.3 o, parallel to WPKE/
- CO Pueblo KCFP *91.9 c, \$[tereo] resumed, parallel to KCFR 90.1 Denver. Its AM affiliate is KKPC *1230, which had been commercial station KDZA.
- FL Sebastian WBKM 95.9 o, '60s to '80s, with some '50s. "Blast 95.9" is on 24 hours daily. Bay Broadcasting won it in auction over 12 other companies. [Love" positioner.
- GA Washington WXKT 100.1 r, hot AC. No/
- IA Boone-Des Moines KRGQ 98.3 rm, "Soft Rock 98.3 The River" (from "Magic 98.3"). It retains Bob & Tom, and "was classic hits only five months."
- IA Clairinda KKBZ 99.3 rm
- KS Herington KDMM-FM 105.7 still k, now Radio One's classic country.
- KS Independence KIND-FM 102.9 rm, having moved from 101.7A; now a C3.
- KS Larned KBGL 106.9 o
- KY Berea WLFX 106.7 still o, now classic hits
- LA Gibsland KBEF 104.5 m, parallel to KASO< Minden.
- MO Bowling Green KPCR-FM 94.1 gr, simulcasting KHCR 97.7 Potosi as "Joy FM." Said to be making plans to move the tower closer to St. Charles MO (C3), and they own the CP for Bismarck MO 99.5.
- NE Hastings KLIQ 94.5 mr, "The Breeze."
- NM Espanola KYMR 92.9 S, I, "Radio O Sol 92.9"

- OH Cleveland Heights WZJM 92.3 pr, modern rock, no "92-3 The Beat."
- OK Dickson KTRX 92.7 op. It's in a combination with KKAJ 95.7 Ardmore-KYNZ 106.7 Lone Grove-AM.
- SC Cross Hill WCRS-FM 94.1 k, "Fun Country 94." WPEK 96.7 Greenwood is temporarily a simulcast with WCRS-FM, but WPEK is expected to change format. [classic country.
- TN Tazewell WCTU 105.9 still k, now Radio One/
- TX Dallas KRBV 100.3 sr, "Wild 100." The format is similar to what it had recently. It's started out commercial-free. This is the station's fifth "adjustment" since 1988, according to the radio website, 10000watts.com. It was easy-listening KEMZ, then urban-contemporary KJMZ, "Jams," as of Christmas Day 1988, which lasted to September, 1995, when it changed to adult R & B as KRBV, "V-100." It became sr, "Hot 100," in March 1999, and then became a more traditional top 40 station in December, 2000.
- TX Gonzales KQQT 106.3 S, kl, Tejano, "Hot Tejano," ID with San Marcos-Austin.
- TX Hondo KMFR 105.9 op, returning to the air, and in a combo with KVWG-FM 95.3 Pearsall-AM.
- TX Hutto KQQQ-FM 92.1 S, kl, Tejano, "Hot Tejano" (from "La Nueva 92.1 and 106.3." ID with Round Rock-Austin.
- TX Llano KBAE 96.3 k, "Real Country," parallel to KBLK 92.5 Burnet.
- TX Pecos KKLY 97.3 k, classic country.
- WA Eatonville KFNK 104.9 rp, "rock."
- NB Moncton CIXL 96.9 k, \$, "XL 96"
- CHOY 99.9 F[rench], m, \$
- CKOE 100.9 gr, \$

On Air—Real Stations and Pirates (Selected)

- AK—Peninsula Communications, KPEN 101.7 Soldotna: The FCC ordered its five FM translators and KVVV 103.5 Homer's two translators off the air for relaying their signals outside the 1 mv/m area. But they remain on the air, while the stations appeal. The translators are in Anchor Point, Homer, Kachemak City, Kodiak, Seward, Soldotna and Kenai. Said company president Dave Becker: "We believe we're entitled to a hearing, because there are issues the FCC has never dealt with." The FCC charges the translators illegally extend the signals of KPEN and KVVV.
- IN Valparaiso, home of a new LPFM grant on *93.5, which is stymied by the existence of a pirate which has been on the air for over five years on that frequency. It has continued to operate, despite the efforts of local WLJE 105.5 to get it shut down. Spatter from the pirate's transmitter has caused interference to other frequencies up to 2 km away. WLJE's Leigh Ellis, who also happens to be president of the Indiana Association of Broadcasters, says, "We all operate by the rules, but to have somebody walk right in and put up a radio station—I'm beside myself!" [ers what its format should be.
- KS Ingalls KBGU 96.3 is stunting, and asking listen-/
- MA Framingham area—87.9 with Spanish gospel, stereo, occasional English announcements.

- MI L'Anse WCUP 105.7—a 70 percent interest in the station is being sold to Keweenaw Bay Indian Community, which already owns the other 30 percent, for \$176,000, which is the amount of debt the station has. The Indians are divesting their 30 percent of WUPY 101.1 Ontonagon to the WCUP sellers, Robert and Sandra Schultz.
- MN Moose Lake KBFH 106.9 (moving from 107.1). "We should be expanding to 6000 watts and going country," rather than relaying WKLK-FM 96.5 Cloquet.
- MO Garden City KGAR 105.1 testing. "It's about time, because they've really been dragging their heels on this whole process!" It's a "joint operation by Susquehanna and local tech service company Jesscom."
- NE Alma K211DP *90.1
- NV Carlin KHIX 96.7
- NY Greece W220DE *91.9, parallel to WCOU 88.3 Warsaw—from the same tower as WBZA 98.9-WRMM 101.3 on the west side of Rochester.
- NC Biltmore Forest WZLS 96.5—its facility was won at auction by Liberty Productions, while Orion Broadcasting is or was the licensee of WZLS. Liberty will get to take over, or keep, the WZLS facility by virtue of its high bid of \$2,335,000 winning Auction 25, which ended Oct. 8, 1999. Payment of that amount is due at the FCC by June 15, 2001.
- OR Portland KBOO *90.7 fined \$7000 for "willfully broadcasting indecent language" during the 7 p.m. to 9 p.m. "Soundbox" program Oct. 20, 1999. The station argues the programming was not indecent, and the amount of time elapsing since the broadcast should help establish the station's innocence. The song in question, "Your Revolution," is a rap song, with the unedited version apparently aired. The song included such words as: *Your revolution will not happen between these thighs.* [The rest of the lyrics don't fit a family newsletter like this.]
- OR Takilma—somewhere in the Illinois Valley of extreme S.E. Oregon is a pirate station known as Radio Free Takilma, 80 watts at 88.9 FM. Run out of a little trailer, it's sort of a free-spirited station that locals are trying to protect from the Federal Communications Commission and a possible raid.
- WI Hartford WTKM-FM 104.9 remains one of the nation's premiere polka stations. Artists like Lenny Cornulka, Joe Stanky's Cadets or Eddie Blazonczyk's Versatones are featured on the station. "We have a little bit of country music on the air in the afternoons and overnights, but the rest is all polkas," said Tom Shanahan, station manager, as quoted in *Radio World*. WTKM is heard on an AM-FM simulcast (1540 is the AM frequency), and on the Internet at www.wtkm.com. Everybody is on the air, including the owner, as well as high school students who do weekend fill-ins. Polka music was actually quite popular in the '40s and '50s, but when rock'n' roll came in interest in polkas waned. But since the mid-1980s, the music has had a resurgence, according to Carlo "Spike" Micale, president of the Wisconsin Polka Hall of Fame, near Milwaukee. He's seeking a permanent home for the Polka Hall of Fame. Listeners stepped in, and in 1995 they donated about \$18,000 to help WTKM-FM acquire a larger transmitter and increase to 6 kw (actually 5.8 kw h & v), according to the Milwaukee Journal-Sentinel. "This is what is called listener loyalty," noted broadcast industry newspaper.

WY Laramie KKHI 104.5, parallel to KRRR (99.9 Cheyenne), "K Triple R," except at the top of the hour "they plug in the KKHI ID."

Off Air—Or Not Yet On

NY Queens and Brooklyn 89.5—Mr. Kbar (Robert) Mohammed arrested for operating an unlicensed FM station. FCC agents seized his equipment on two prior occasions. "Prior FCC enforcement actions had failed to deter Mr. Mohammed's operation of the FM station."

PA Pleasant Gap WLTS 98.7

TX Centerville KUZN 105.9, had been country.

Deletions

IA Spirit Lake K249DL *97.7, because of co-owned primary station, KJIA *88.9.

PA State College W212BI *90.3

TX Dimmitt KDIU 95.9

UT Park City K265BX 100.9—replaced by booster.

K280DW 103.9—replaced by booster. See "New."

FMistakes—FM Atlas-18, FMedia!

AZ Page 93.3 is KXAZ, not "KXAS," May p. 2, col. 2.
AR Bentonville KAPG is *88.1, not 88.5, Apr. p. 1, col. 1. [not given, May p. 3, col. 3.]

AR Monticello KHBM-FM's current 93.7 frequency/
CA Los Angeles 92.3 is KCMG, not "KKBT," May p. 3, col. 3. [h.v (115 m, d-a), Mar. p. 2, col. 3.]

CA Shafter KSMJ 106.7 is 4500 (not 45000) watts/
CO Avon (not "Aspen") KSPN 97.7. See "Rulemakings Finalized," May p. 4, col. 3.

FL Englewood WYNF 105.9 has an extra "FL" to the left, May p. 2, col. 3. [p. 2, col. 3.]

MS Brooksville is WAJV 98.9, not "WAIV 96.9," May/
NY Tupper Lake (not "Tuper Lake") WRGR 102.3, Apr. p. 3, col. 3.

NC Morehead City *91.9 is W220DD, not "W220DE," which is Greece NY, Apr. p. 1, col. 1. [col. 3.]

ND Bismarck 96.5 is KBYZ (not "WBYZ"), May p. 3/
OR Depoe Bay 105.5 is KDEP (not "WDEP"), May p. 2, col. 3. Is 269 m (not 369 m); 3600 h.v. [col. 2.]

PA Laporte (not "La Porte") WQZI 103.9, Apr. p. 2/
PA Williamsport *91.7 is WRLC, not "WRLC L," May p. 2, col. 3.

SC Beaufort WJWJ-FM *89.9—the * is missing and it's out of sequence, May p. 2, col. 3.

TX Kilgore W202DQ *88.3's frequency not given, May p. 1, col. 1.

TX Sanger KTDK 104.1 was KMRR, not "KKMR," May p. 1, col. E. KKMR is 93.3 Haltom City TX.

VA Charlottesville WUMX 107.5—town misspelled p. 236. [p. 1, col. 1. WOKQ is 97.5 Dover NH.]

PR Ponce 99.1 is WUKQ-FM1 (not "WOKQ-1"), May/
ON Thunder Bay 99.9 is CJUK (not "CJOK"), Apr. p. 5, col. 3. CJOK is 93.3 Fort McMurray AB.

ON Toronto CHUM 1050 played its last song (not "son"), May p. 4, col. 1.

SCServices, 57, 67, 92 kHz

Symbols are as in the FM Atlas

AZ Hotevilla KUYI *88.1 †X

GA Blakely WBBK-FM 93.1 †U

LA New Orleans WRBH *88.3 †Z

NY New York WBL5 67 kHz, Radio Sedaye Iran, has gone to scrambled audio (†X).

NC Winston-Salem WFDD *88.5 still †T, the Triad Information Reading Service for the blind. It announces that the service, effective April 4, is now local, live from 7 to 9 p.m. Otherwise, it relays Radio Talking Book from St. Paul MN via satellite. Allen Boaz, station engineer, was commended for

donating the subcarrier equipment and installing the equipment to make these broadcasts possible.

PA Tyrone WGMR 101.1 †() is back.

TX Wichita Falls-Lawton OK KNIN 92.9 †()

VA Blackstone WBBC 93.5 RDS reads "WBBC," with audio saying, "Bobcat Country 93.5."

"Received the radio a few days ago. Just had a chance to play with it. I am very pleased. I found one easy listening service and two foreign language stations, so far," K.D.B., Richardson TX.

NonIDs, Not Just Slogans

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

FL Parker-Panama City WPPT 94.5 94-5 Pirate Radio

FL Perry WNFK 92.1 Power Country 92.1 (from "K 92") [94.7"]

KS Sterling KGGG 94.7 Oldies 94.7 (from K Gold/
KY Smiths Grove WUHU 107.1 Whoo-Hoo 107.1,

with r, CHR. "I'm not sure how they spell it!"

MO Potosi KHCR 97.7 92.7 Joy FM (from "Hit Christian Radio"), and heard on Bowling Green 94.1.

NY De Ruyter WVOA 105.1 Love Radio
NY Mexico WVOQ 103.9 Love Radio

NY Rome WSKS 102.5 Quick FM 102.5 (from "102.5 Kiss FM"), stunting with country music. [96.3 Llano.

TX Burnet KBLK 92.5 Real Country, parallel to KBAE/
TX Wichita Falls KWFS-FM 102.3 Lone Star 102.3

VT White River Junction WSSH 95.3 Lite FM
AB Lethbridge CJRX 106.7 Rock 106

AB Red Deer CKGY 95.5 KG Country

Multi-City IDs In Use

LA Empire KBIL 104.5 with New Orleans. Testing with a variety of songs, with no IDs yet. [River 97.3"]

MN Starbuck-Willmar KRVI 97.3 adds Morris, "The/
MO Wheeling KULH 105.9 with Trenton, but temporarily off the air while it implements its 100 m facility.

WI Wausau WIFC 95.5 with Stevens Point.
ON Bancroft CJNH 97.7 with Haliburton, k, "The Moose," sister to CFBG 100.9 Bracebridge, also known as "The Moose." Both have stereo.

Selected AM Happenings

AZ Douglas KDAP 1450 fined \$15000 for failure to provide a copy of the station's antenna resistance and reactance measurements during an FCC inspection. Agents of the FCC's San Diego field office visited KDAP, after receiving word that the frequency measurement exceeded the tolerance in violation of Sec. 73.44(b) of the rules. The inspection revealed 10 different rule violations. The station responded by not denying the rules' violations, but sought a reduction of the forfeiture amount due to KDAP's poor financial condition. However, the FCC was not convinced the company, KASA Radio of Phoenix, as opposed to the station itself, was impoverished.

AZ Williams KYET 1180 had been silent. On with Jones' classic country. [regional Mexican.]

CA Bakersfield KZTK 970 had been silent, now/
CO Colorado Springs KJOL 620 (formerly KSTR) to be Christian contemporary, but temporarily simul-

casting KSTR 96.1 Montrose CO until new owners can take over. [oldies]

CO Dillon KHTH 1130 had been silent, now Jones/
FL Bithlo (Orlando) WNTF 1580 was talk, now silent.
FL Inverness WINV 1560 was country, but off air pending technical upgrade.

FL Tallahassee WTAL 1450 was silent, now talk and oldies, along with Imus in the morning.

IA Des Moines KKSO 1390 turned in its license to the FCC. Now on 1700 exclusively; 1390 had been relaying 1700.

MN St. Louis Park (Minneapolis) KSGS 950 changing calls to KDOW, "K-Dow," with business and financial news. Had been urban/soul, but KTTB 96.3 Glencoe-Minneapolis and a format shift at WGVX 105.1 Lakeville MN "made KSGS obsolete. . .

There's a market for financial news that's not being met by local radio."

MO De Soto KRFT 1190 had been silent; now oldies.
MO Joplin KOCR 1310 had been contemporary Christian. Silent pending a sale.

NY Riverhead WFOG 1570 sold to Five Towns College, Dix Hills NY, for \$80,000. Going noncommercial? [be on later this month with Spanish.]

NC Carolina Beach WMYT 1180 had been silent; to/
OH Cleveland WKNR moves to 850 from 1220 for a "stronger signal." WRMR's pop standards leave 850, but a similar format will infest 1420, from whence WHK is going to 850. WHK will continue Salem Broadcasting's programming as "The Word" on the new frequency. "I feel sorry for the listeners. They are the most loyal listeners you could ever find," said WRMR announcer and operations manager Jim Davis. Many of the listeners to the pop-standards format are 65 and older. "The perception is you can't make any money appealing to an older audience, but I don't believe that. Broadcasting has become like Washington. Where the money is, that's where they're going," said Ted Alexander, a partimer at WRMR and program director and morning show host at WELW 1330 AM. The article in the Cleveland Plain Dealer mentioned also former m-o-r mainstays WQEW 1580 New York and KLAC 570 Los Angeles as having abandoning the format. WCLV AM won't change to classical, parallel to 104.9, but will be m-o-r. [review.]

OR Myrtle Creek KRGL 1360 deleted; asks FCC for/
TN Nashville WSM 650 "has installed two new transmitters in the past year and a half, and when the second one went on line just over a year ago, the decision was made to kill the C-Quam generator [for AM stereo]. The main reason was to get what was considered an extraneous piece of gear out of the audio chain. One less thing to go on the blink and/or keep properly adjusted. I had a car radio with AM stereo and enjoyed (mostly the 50 kw clears) immensely when traveling. While there were times that the 'platform effect' was irritating, most often even a very weak signal would kick in the stereo. WSM was heard in stereo in Bismarck, Winnipeg, Mankato, Miami, Orlando, and even mid-day in Bloomington IL. As a way to test your AM stereo receiver, I can't think of anything other than the X-Band (1610 to 1700 kHz) stations which are 'supposed' to be running C-Quam," T.B., Pleasant Hill TN.

TX Tulia KTUE *1260 had been silent, now Spanish contemporary Christian, and turning noncommercial. It has an LMA with Paulino Bernal Evangelism. KLGD 104.9 Tulia is reported silent.

MB Winnipeg CKRC 630 is long gone, but sadly missed. It has been replaced by CFMW 99.9, "Magic 99.9 FM," but CKRC was said to have had excellent coverage.

FMakings—Selected FCC and Industry Canada Applications

AZ Eagar KTHQ 92.5 100000 h,v; 366 m, C or C0 [C3
 AR Hot Springs Village KVRE 92.9 25000 h,v; 96 m./
 CA Madera (move from Shingle Springs) KCCL 101.9
 GA Cartersville WCCV *91.7 7300 h,v
 ID Homedale KBNH 106.3 97750 h,v; (313 m)
 KY Beattyville WLJC 102.1 1540 h,v; 200 m
 KY Bowling Green WBVR 96.7 48000 h,v; 125 m, C2
 KY Tompkinsville WTKY-FM 92.1 4400 h,v; 118 m
 LA Jonesville KTYX 105.1 5900 h,v; 101 m
 LA Richwood KHLL 100.9 6500 h,v, Class C3
 MI Jackson *89.3 800 h, 88 m, Great Lakes Commu-
 nity Bcstg., which also has an app. for *88.5 there
 (100 h, 34 m), and is opposed by an *88.5 app. by
 Broadcasting for the Challenged.
 MN Baxter *88.3 50000 h,v; 44 m, CSN International
 MN Brainerd *88.3 50000 h,v; 204 m, MN Pub. R.
 *88.3 50000 h,v; 79 m, Rochester Community R., Inc.
 MS Brandon WRJH 97.7 94 m
 MO Kansas City KSRC 102.1 341 m
 NE Blair KISP 101.5 50000 h,v; 150 m, C2
 NE Broken Bow KBBN 98.3 25000 h,v; 95 m, C3
 NE Hickman *89.9 (KLOV 89.3 Winchester OR trans-
 lator) (Class C1)
 NV Moapa Valley KBHQ 104.7 100000 h,v; 299 m./
 NC Cullowhee WWCU *90.5 240 h,v; 289 m, d-a
 NC Ogdan (Wilmington) *88.3 100 watts h, 74 m, NC
 Public Bcstg., Inc.
 ND Vance *88.1 (WPCS 89.5 Pensacola FL) [d-a
 OH East Liverpool WOGF 104.3 126400 h,v; 207 m./
 OH Fort Shawnee WBUK 107.5 1340 h,v; 151 m
 OH Ripley WAOL 99.5 13000 h,v; 140 m
 OK Stigler *89.1 5000 h,v; 132 m, Ed'l. Media Foun-
 dation (Prayer, Inc.)
 OK Stuart *89.3 3000 h,v; 100 m, Lighthouse of/
 OK Tishomingo KAZC *88.3 5500 h,v; 281 m, C2
 OR Portland KOPB-FM *91.5 72000 h,v; 470 m
 PA McConnellsburg *91.7 1000 h,v; -64 m, Morris
 Broadcasting & Communications. This application
 faces a petition to deny.
 SC Loris WVCO 94.9 11200 h,v; 149 m, C3
 TX Hemphill KTHP 103.9 115 m
 TX Lake Jackson KYBJ *91.1 15800 h,v; 115 m, d-a
 TX Legion *89.5 (KAWZ 89.9 Twin Falls ID)
 TX Terrell KRVF 107.1 17000 h,v; 121 m, C3
 VA Buena Vista WREL-FM 96.7 2000 h,v; 346 m, B1
 VA Clinchco WDIC-FM 92.1 12000 h,v, d-a, C3
 WA Yakima KXDD 104.1 100000 h,v; 245 m, d-a
 PA Quebradillas WIDI 99.5 50000, Class C2
 BC Vancouver *94.5 46000 h,v, granted to the CBC's
 Choice Culturelle (the French "cultural" network),
 but must find a new frequency; 90.9 was suggested.
 90.9 was asked for by both Aboriginal Voices Radio
 and Simon Fraser University. Each must find a dif-
 ferent frequency before a CP is issued.
 BC Victoria—denied 88.9 for a CBUF *97.7 Vancou-
 ver relay; 88.9 is the only open frequency for a
 stereo service. The CRTC suggested 88.1 for a
 station that's mainly monophonic. Multipath proba-
 bly militates against stereo on 88.1.

FM Rulemakings Proposed

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

GA Alamo 105.3C3 at 20.4 km N because of WMCG
 104.9A Milan GA, which has a CP for 104.9C2,
 July 16, 31.

KY Morgantown 99.1A at 11.9 km W because of
 WKNK 99.1A Edmonton and WKDQ 99.5C Hen-
 derson KY, July 16, 31.

MI Au Gres 106.9A, July 16, 31.

Michigan—various proposals and a counterproposal
 could change the FM dial in northern Michigan. Ini-
 tially, Escanaba Radio Co. proposed a new C2 in
 Cheboygan at 99.9, forcing WHAK-FM 99.9C2 to
 move to 106.3C2. A counterproposal was filed by
 Northern Radio Network that would leave WHAK-
 FM at 99.9 but create two new FM allocations:
 106.3C2 Onaway and 98.7C3 Cheboygan. Another
 counterproposal was filed by Fort Bend Bcstg. It is
 more complicated, but creates the following
 changes: Move WSRQ 100.1A Bear Lake to
 99.1C1 Beallaire MI. Move WHAK-FM 99.9C2 to
 106.3C2, change the allotment of 98.9A Walhalla
 to 106.5A. A new allotment at 99.7A Rapid River,
 and a new one at 106.1A Bear Lake. Change
 99.9A Manistique to 100.9A and move WKLA-FM
 106.3A Ludington to 98.7A. "Using history as a
 rule, the FCC generally likes to approve proposals
 that ultimately create new allocations for cities
 without a current radio service. The Fort Bend plan
 adds three new allocations (1 in the U.P., 2 in the
 northwest lower peninsula)." The FCC sent a no-
 tice to WKLA-FM asking them to prove why their
 station shouldn't change its frequency.

WA Waitsburg 102.3A at 12.8 km E because of KZZM
 101.9C2 Weston OR and KORD 102.7C Richland
 WA. July 16, 31.

WI Three Lakes WLSL 93.7 100000 h,v. "The new
 format and live presence seems to be paying off.
 I've heard they even have the highest billing in the
 North Woods [and] they do local news."

WY Big Piney 92.7A and La Barge 94.1A, July 16, 31,
 as requested by Mount Rushmore Broadcasting.

FM Rulemakings Finalized

*Filing periods delayed pending announcement
 of auctions*

AL Northport 100.7C1 (from C3), WLXY
 AK Anchorage 105.1C1 (105.7C1, and before that,
 105.3C1), KNIK

AK Houston 94.7C1 (from C2), KADX
 LA Zwolle 99.9A (from Mount Enterprise TX, A), KGRI
 ME Monticello 94.7A at 6.7 km N because of WSYY
 94.9C2 Millinocket, requested by Allan H. Wiener.

MD Fruitland (Salisbury) 107.5B1 (from Exmore VA
 107.5B), at a site 16 km SW, WKHI. The move
 can't be effected until WEXM 106.1 Exmore is on
 the air. [allow upgrading of WLXY Northport AL.

MS Macon 100.5A—delete assignment. This will
 TX Corrigan 99.3A (from 100.1A)

TX Hewitt 106.7A at 5.3 km S, because of KXGM
 106.7C Muenster, Bordeaux Broadcasting.

TX Lufkin 100.1C2 for 99.3C2, KUEZ
 TX Pineland 99.1A, requested by Reynolds Bcstg.

TX White Oak (Longview) 99.3C2 (move from Lin-
 den), KIXK.

End the Broadcast/Newspaper Crossownership Ban—An Editorial

Both the newspaper publishers and the
 National Association of Broadcasters favor
 repeal of the prohibition of radio or TV sta-
 tions owning newspapers, or is it the other
 way around? At any rate, this 25-year rule
 has served its usefulness—and not just be-
 cause the media elite favor its removal.

In the early years of FM radio it was often
 the newspaper owners who fostered the
 development of this new medium. Notably,
 the Superior Evening Telegram started
 WEBC-FM (92.3) Duluth MN, the High Point
 Enterprise started WHPE-FM 95.5 in NC,
 the New York Times with WQXR-FM 96.3,
 the Atlanta Journal-Constitution with WSB-
 FM, the Chicago Tribune with WGNB 98.7,
 and their later attempt to buy WFMT 98.7—
 to mention only a few examples. This pio-
 neering spirit among newspaper-broadcast
 ownership did much to foster interest in the
 new FMedium. That some of the stations did
 not last is no-less-a problem with the type of
 ownership as it was with a general percep-
 tion that FM was going nowhere. It took in-
 novative AM-FM owners plus a sprinkling of
 independent owners to keep FM going
 through the lean years.

Obviously, there are exceptions to the
 general prohibition of such crossown-
 erships, as witness Atlanta and New York city.
 A general ban is too simplistic an approach
 for enlightened communications policy in the
 2000s. Perhaps returning to local newspa-
 per-broadcast crossownership would re-
 verse the trend where most of the commer-
 cial outlets in many major markets are
 owned by out of town corporations that
 seemingly care little about the communities
 in which the individual stations operate.

And, in the same pioneering spirit that
 saw many FM stations develop in the early
 years, there might come about a similar
 spirit to help guide the nation's broadcast-
 ers as technologies such as digital audio broad-
 casting and high definition television are
 developed. Let newspapers and broadcast-
 ers flourish together.

**FM As It Was—Or Might Have Been: Fm
 For Automobiles?**

The revolutionary idea of an fm radio
 playing in a moving automobile was
 speculated at in the April 8, 1957 arti-
 cle, entitled, "How Bright a Future for
 FM?" by J. Frank Beatty.

Blaupunkt has entered the U.S. mar-
 ket with the dream of all fm operators—
 an auto radio tuning the 88-108 mc
 band. If these catch the interest of the
 U.S. public, manufacturers will have
 something new to think about.

Unfortunately, most American facto-
 ries show no enthusiasm for the fm set
 market. They think in terms of millions
 and are loathe to turn out the more in-
 tricate fm circuits despite their experi-
 ence in producing tv receivers with
 similar tolerances. The same lack of
 enthusiasm marks their approach to all-
 wave tv sets, producing vhf only sets,
 even though uhf is being developed.

A rumor that Motorola was coming
 out soon with an fm auto set was flatly

denied by that company. Some engineers still feel auto fm sets aren't practical and they claim imports aren't completely workable. Transit radio proved, prior to its Supreme Court ruling, that antennas and receivers can be installed professionally on buses and trolley cars. Transit fm is now catching on in Mexico and a number of countries beyond the U.S. Supreme Court's jurisdiction.

[A footnote in the article noted that the Supreme Court ruled 7-1 May 26, 1952, that the Constitution does not preclude a transit operator from carrying radio programs in its vehicles. Despite this favorable ruling, WWDC-FM (101.1) Washington abandoned transit service a year later, claiming an organized minority induced advertisers to stop broadcasting and plagued the station with assorted costly litigation.]



Manufacturers, prodded by the recent FCC approval of a multiplex stereo system for fm, are beginning to produce the necessary components for both fm stereo broadcasting and reception, according to an article, "40 Years Ago," in the May 7, 2001 *Electronic Design* magazine. From May 10, 1961 we read:

The fm subcarrier is amplitude-modulated and suppressed by a left-minus-right difference signal. The suppressed subcarrier is restored at the receiver by a pilot signal transmitted between subcarrier and main carrier.

To receive the broadcast requires that an adapter be added to a standard fm tuner and dual-channel amplifier. General Electric Co. believes that a one-tube adapter—a double triode—would give satisfactory results, although it says addition of a preamplifier would make possible good reception by a wider variety of amplifiers. The cost of the adapter would be minor compared to that of the complete stereo system.

The system is compatible with existing fm broadcasting standards. Monophonic receivers tuned to stereo transmissions would receive the left-plus-right signal and produce sound only slightly reduced in quality.

The magazine noted in 2001 that fm stereo broadcasting was advertised to begin on June 1, 1961, and regular operations began at WEFM 99.5 Chicago and WGFM 99.5 Schenectady. There's a good chronology of fm broadcasting at: <http://members.aol.com/jeff560/chronofm.html>.



An engineer at WHMS 97.5 Champaign IL was cleaning out his desk and came upon a 1955 letter I had written the station from Duluth MN when it was known as WDWS-FM. After finding me on the Internet, he forwarded a copy of the letter, in which I mentioned hearing such programs as "Crime Photographer," and the CBS news with Douglas Edwards, followed by the Arthur Godfrey Digest. I mentioned how the station came through much closer KWNO-FM 97.5 Winona MN (which deleted in about 1958, and returned to the air on 99.3 some three decades later) and Rockford IL on 97.5.

The April 27, 1955 reply from Robert Brown, chief engineer, mentioned its ERP of 27 kw from a four bay GE antenna atop the AM tower two miles south of town. The station is now WHMS with 50 kw. "I think you will get the honor of being our most [distant] FM DX listener," he wrote. The letterhead mentioned WDWS and WDWS-FM are owned by the News-Gazette.

Low Power Stations Get EAS Waivers For the Time Being

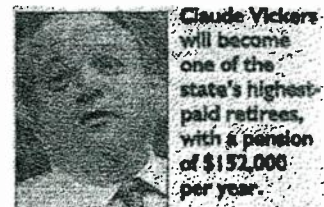
Because of a lack of supply, the FCC has granted new low power FM stations a waiver of having to broadcast emergency notification system messages. According to John Broomall, Christian Community FM, no company is currently manufacturing a decoder-only unit which meets all FCC requirements and sells for under \$1000.

Waiver requests may be sent to Bonnie Gay at the FCC in letter form, along with suggestions and recommendations concerning the entire matter of EAS compliance for LPFM stations. Broomall notes that she is only gathering information, so that a complete and general policy statement can be issued soon. "She was not aware that 58 permits have been issued" so far for LPFM stations. The FCC's address is 455 12th St. SW, Washington DC 20554-0001.

Small-Print Happenings and FM Industry News

July 19 is the new date for noncommercial, educational stations to finalize settlement agreements. [See reference to that, p. 4, col. 3 last month under WI Superior.] However, June 4 remained the date for stations filing for points in contested application cases. I turned in such an application for the Esko MN Schools, using the supplement to FCC Form 340, off the Internet, but submitted by mail. The National Federation of Community Broadcasters said that those filing neither a settlement agreement nor a supplement claiming points will have their applications dismissed.

Claude Vickers, the financial czar who took over as head of Georgia Public Broadcasting two years ago, announces his retirement. Vickers, 58, was state auditor, when Gov. Roy Barnes recommended him to run GPB in 1999. His goals for fiscal austerity worked. GPB's expenditures for the last fiscal year were \$30 million—\$5.2 million than the previous fiscal year. This was achieved with no cutbacks in local radio or TV production. He'll become one of the state's highest paid retirees, with a pension of \$152,000 a year. A classified ad mentions the need for a director of Georgia Public Radio, wanting a person with a B.A. degree in broadcast communications or related field plus seven years of relevant experience. Apply to GPB, HR Office, 260 14th St. NW, Atlanta GA 30318.



Claude Vickers will become one of the state's highest paid retirees, with a pension of \$152,000 per year.

Taking aim at National Public Radio was Sarah Wildman, writing in the *New Republic*. She faults NPR for opposing low power FM, and quotes from the Public Broadcasting Act of 1967, which called for the development of programming that "involves creative risks and that addresses the needs of unserved and underserved audiences," while creating "programs of high quality, diversity, creativity, excellence, and innovation which are obtained from diverse sources." The charter describes exactly the kind of programming low-power radio might provide. "But the well-meaning lefties at NPR didn't see low power radio as a potential ally or kindred spirit. They saw it just as the big broadcasters did—as a threat—and tried to squash it in much the same way.

She also faults NPR for taking the big broadcasters at their word that subcarrier radio reading services for the blind would be affected. Only 200 stations carry that type of service, and the public radio establishment should have agreed with the FCC when it said there would have been no interference. NPR was quick to side with the industry when it said there would be adverse interference when low power stations might be spaced at third adjacent channels from full power stations. The article quoted Michael Brasher, manager of KANW *89.1 Albuquerque, who disagreed with NPR. He said "We already have translators operating on second adjacent channels, and they don't cause interference." One Congressman who normally supports public broadcasting is David Bonior, House minority whip. He was so infuriated by NPR's stance on LPFM that, in protest, he voted against CPB funding in the last Congress. NPR, Bonior said, "is the big established voice now in the country, and they obviously have forgotten their roots." Wildman concluded her article

thusly: "Unfortunately, it's the big established voices that usually get heard."

National Public Radio has scaled back its efforts to develop program material for two Sirius satellite radio channels, following word that Sirius is having problems in securing receiver license deals from automakers. Sirius also announced it intends to charge consumers a \$12.95 a month subscription fee, up from the previously-announced \$9.95 a month.

"Given recent indications, we cannot predict when Sirius will make a strong entrance into the market. . . NPR2 will scale back production for our two channels for the service and resume after Sirius has set a firm launch date," NPR Executive President Ken Stern wrote. The 17-member staff of NPR2 has been placed on leave. Some will lose their jobs and others are being redirected within NPR's Washington headquarters. A small staff is being retained for "The Way In," a morning program being developed for Sirius, even though plans for the program are on hold. Public Radio International is also developing programming for Sirius, but it said it has not devoted the resources to that effort which NPR has, and has not made any changes as the result of the delay in getting Sirius up and broadcasting. Meanwhile, competing company XM Satellite Radio has launched a second satellite, and appears to be on schedule to broadcast, despite the difficulty in lining up auto manufacturers.

The BBC from England is shutting down its shortwave broadcasts to North America. The BBC follows the Voice of America, which has ended its shortwave broadcasts to central Europe, and other countries like Swiss Radio International have cut back. The Swiss dropped 80 percent of shortwave programming in favor of the Internet. Shortwave radio, according to the L.A. Times, grew in popularity in the 1930s because it could cover a wide area. Satellites, with their better quality audio, also helped reduce the importance of shortwave. Two broadcasters who do not plan to cut back are Radio Australia and Radio Netherlands, as well as Deutsche Welle of Germany. One person suggested to me that FM/SCS would be a good medium for carrying the BBC programming formerly available on shortwave. I know some Australian FM stations utilize a 92 kHz SCSubcarrier for BBC relaying.

A widely-circulated piece from the Los Angeles Times concerned broadcast payola rearing its ugly head. This time it's taken the form of "banks."

Intricate accounting places the song titles, air-plays at a station, and payments in the form of specific dollar amounts in cash,



travel and tickets to events. Each of five major CD labels—AOL Time Warner, Bertelsmann, EMI Group, Sony, Universal, Vivendi—paid fees to an independent promoter associated with KINK 101.9 Portland OR that managed the account. But internal documents obtained by the L.A. paper "destroys the notion that the new payola is any different from the old payola," said Peter Hart, an analyst for the group Fairness & Accuracy in Reporting, a New York city-based organization. Other broadcasters besides KINK are believed involved. Benefits to the station could run as high as \$120,000 annually, with up to \$4,000 per song paid to influence song choices at the nation's largest stations. "That's our fear," muses the *M Street Journal*: "that listeners will believe playlists are bought and paid for, instead of produced out of good research and judgment."

The FCC's now at full strength, with five members and a Republican majority, which is the case with a Republican president. Republicans Kevin Martin and Kathleen Abernathy (who will be divesting herself of more than \$450,000 in stocks she holds in Verizon, Quest, Vodafone, and various Baby Bells), and Democrat Michael Copps were confirmed by the Senate May 25. Departing FCC Commissioner Harold Furchtgott-Roth will be a visiting fellow at the American Enterprise Institute, a think tank, and working on a book about telecommunications.

And former FCC chairman Bill Kennard has joined the board of Handspring, a manufacturer of hand-held computers. He's also with an investment company the Carlyle Group. Finally, he's joined the board of the New York Times, which owns radio and TV stations, like WQXR 96.3 New York. The other departing member of the FCC is Susan Ness, whose next career move is to be announced. Current commissioner Gloria Tristani, a Democrat, said she intends to step down before the end of the year, although her term ends in 2003. If so, President Bush will have another opportunity to name somebody to the FCC.

Martin, a lawyer, will serve until June 2006. He served from 1997 to 1999 as Furchtgott-Roth's legal advisor on common carrier and wireless issues.

Another former FCC chairman is Reed E. Hundt, who will replace the retiring Gordon Moore as chief of Intel, a large maker of integrated circuits.

Abernathy, another lawyer, will serve until June 2006. She has worked in several law firms, and had been a vice president for US West and AirTouch Communications.

Copps is the only non-lawyer nominated to serve a full term, which ends June 2004. He worked for Sen. Ernest Hollings (D-SC), first as an administrative aide and then as chief of staff, and later as a lobbyist.

The new Commission is headed by Colin's son, Michael K. Powell, 37, left. He's

been on the FCC as a regular commissioner since 1997. He appears to be a moderate Republican, and enjoys support by such prominent Republicans as Sen. John McCain of Arizona. Powell is a lawyer by training. He decided to become a lawyer after a near fatal car crash on a German autobahn in 1987. He had to undergo 17 operations and spend nearly a year in a hospital. The accident led to his retirement from the Army. Powell's term ends in 2002, but Pres. Bush has announced his intention to appoint him to another five year term. In a statement, Powell said he is "gratified by the confidence President Bush has indicated" by the renomination.

With a Democrat majority in the Senate, Ernest (Fritz) Hollings is expected to retake the Senate commerce committee chairmanship. He's no fan of the 1996 Telecom Act, and might take a more favorable role in promoting LPFM, including dropping the restrictions against third-adjacents.

KDFR *91.3 Des Moines celebrated its 12th anniversary. It is heard on a translator in Ames on 89.1. KDFR is one of 43 stations owned by Family Stations, Inc. Larry Vavroch, 515-262-0449, is the local manager.

A winner in the Atlanta market won a \$2 million contest from WBTS 95.5 Athens GA, but the money's going to dribble out over a long period of time. Fortunately, Stacy Chester is only 29 and will probably live the 40 years the payments will come in, at the rate of \$50,000 per year (with taxes deducted, most likely). It is said to be the largest cash prize ever given away in a radio contest. The money is to be paid by American Hole'n One, an insurance company owned by former Atlanta Falcons kicker Mick Luckhurst, and not by the station. She qualified by being the 95th caller on April 27; she hoped to win \$1095. Her birthday happened to fall on May 9, the date the station had previously selected and hidden in a sealed envelope. She won \$5,000 more, and then her birth year, 1972, also matched a preselected date. All these factors added up to the \$2 million prize. Obviously, the station selected a date that would match the demographic group it tries to broadcast to. The station is owned by Cox Enterprises, the parent of The Atlanta Journal-Constitution and other FM stations.

Luckhurst presented her with the first \$50,000 check. She and her husband, Wes, will pay off credit cards, build a new home, take a trip to Mexico and invest the rest. The only cash she won before was \$25 in a football pool. With a check coming each birthday for four decades, she said, "It'll be good birthdays from here on in."

Former co-hosts on WPYX 106.5 Albany are no longer friends. The "Waking Up with Wolf & Mulrooney" show has seen Bob Wolf filing a criminal complaint against former partner John Mulrooney for allegedly making a threatening telephone call. Mulrooney,

42, now of Cleveland Heights OH, was arrested on a misdemeanor charge. According to the complaint filed by Bob Wolf (real name: Wohlfeld), Mulrooney made a profanity-laced phone call regarding \$1300 owed him by Wolf. The complaint said that Wolf felt his physical safety was in jeopardy. Mulrooney denied threatening his former partner, saying merely, "Do yourself a favor. Pay me back the money." Wolf supposedly said, "Are you threatening me?" and Mulrooney said, "Are you kidding me?" and then Wolf hung up the phone. Mulrooney was arrested, but later released.

Tom Birdsey, half of the afternoon team at WAAF 107.3 Worcester-Boston MA, was let go. Rocko is now doing the show solo. Birdsey's contract was due to be renewed April 30, but it wasn't, and management told him to get out of the building. WAAF had just beaten rival rocker WBCN 104.1 for the first time in the coveted 18-34 male demographic. "Yet it celebrated by dismantling the program that was the top-rated afternoon rock show in the Hub for nearly two years. It doesn't add up," wrote Dean Johnson in the Boston Herald.

Obituaries: Frank M. Falduto, Sr., 79, who was general manager of WGTD *91.1 Kenosha WI, the station of Gatesway Technical College. He had hosted the "Morning Show," and previously managed three other area radio stations.

One of the leading voices in Christian radio lost his brief battle with cancer. E. Brandt Gustavson, a longtime staff member of Trans World Radio, died May 14 at 64. At the time of his passing he was president of National Religious Broadcasters. His voice was heard on AM outlets PJB 800 Bonaire, Netherlands Antilles, and KTWG 801 kHz Agana, Guam, as well as TWR's shortwave outlets. Another Christian broadcaster is thus awaiting the resurrection when Christ returns. I had read the news of his passing, before the latest issue of *NRB* magazine came out, in which Gustavson wrote, "As news of my health issues spread around the globe, I received a deluge of mail and special honors. Of particular note to me are two items: a lifetime achievement award from the Evangelical Christian Publishers Association (ECPA) and an international scholarship in my name from the Southwestern Chapter of NRB. . . I am blessed to be surrounded by such a group as NRB at this point in my life. Thank you for your calls and letters of encouragement. It is a joy to serve you!"

Educational Media Foundation of Sacramento, better known as the "K-Love" and "Air 1" networks, has entered into long-term affiliation agreements with stations WJKL 94.3 Elgin IL and KDRH *91.3 King City CA. EMF also has purchased WKVE *106.7 Semora NC-Danville VA for \$3.5 million.

Cox Radio, based in Atlanta, posted its first quarterly loss as a publicly traded com-

pany. However, analysts said that it turned in one of the radio industry's top performances. It said revenue increased for its Atlanta stations, despite poor ratings and ad sales at oldies station WFOX 97.1 Gainesville GA, where revenues sank about 30 percent. The company's loss was \$2.1 million, or 2 cents a share in the first quarter of 2001. In the first quarter of 2000, the company's profit was \$32.9 million, or 38 cents a share. The loss figures were largely the result of a flurry of station acquisitions the company made last year.

Minnesota Public Radio has been criticized for taking over KPCC *89.3 Pasadena CA, as well as KUSC (91.5 Los Angeles) program "Marketplace." Lost in the process is the locally produced music, which had variety, and of course stereo. Competition is fierce to obtain funding in an era when cuts in the budget for public broadcasting are popular in governing circles. Stations are expected to come up with bigger audience numbers to qualify for Corporation for Public Broadcasting grants as well as attract local underwriting. "A lot is at stake here in the coming months as public radio proprietors everywhere look to Los Angeles for indications of what the future will be like for this distinguished medium," writes Sean Mitchell in a column from the Internet.

Ruth Seymour, general manager, KCRW *89.9 Santa Monica, is known for her tough mindedness. She has yanked a program off the air if it didn't pull its weight in pledges or sounds stale.

It is believed that MPR's move to Los Angeles, including the construction of a \$3.5 million downtown production and news facility housing Marketplace Productions and KPCC's news operation, is the reason NPR has announced plans to build a major West Coast production center in Culver City, the first outside the Washington DC beltway.

Minnesota Public Radio appears to be doing the right thing with KPCC. Its weekly cume has risen from 220,000 a year ago to 306,000 this year, or almost 40 percent. Its pledges are at \$586,000, a 20 percent increase over the previous pledge drive. KCRW, meanwhile, saw a drop in its numbers, from 424,000 to 360,000, though it raised an impressive \$1.7 million in pledges, "a measure of the devotion of its audience."

Arbitron lost an important customer when Clear Channel Communications announced it won't subscribe to the ratings service. Clear Channel stations are found in 130 rated Arbitron markets.

Clear Channel is defiant, even brazen, after criticism that its national contests are misleadingly represented as local. The New York Post learned that a Z-100 (WHTZ 100.3 Newark NJ) d-j misled listeners about Clear Channel's "\$100,000 Thursdays," contest just days after The Post exposed the true nature of the national giveaway. "And the 1,000 station giant is tap-dancing

around some Florida guidelines imposed on its contests after being fined \$80,000 a year ago to settle deceptive trade practices.

The nation's top billing radio station in 2000 was an FM station, Clear Channel's KIIS-FM 102.7 Los Angeles, with revenues of \$65.5 million. It nudged Infinity's WFAN 660 AM New York from that spot. WFAN is now No. 2, with revenues of \$65,200,000. No. 3 is WXRK 92.3 New York, also owned by Infinity, \$61 million, while WLTW 106.7 New York is No. 4 at \$60.7 million. WINS 1010 AM New York is No. 5 with \$57.4 million.

From the classifieds: Cash paid for FM translators or FM translator CPs. Call Bill at 561-912-9002.

FM CPs and translators: Buy, sell or trade. CommunityPublicRadio@prodigy.net or call 678-352-8828.

Free network. Beautiful music via satellite. Call 678-352-8828 or FAX 678-352-8838.

I've been an *FM Atlas* reader for many years, and have several items to sell, including a small TM102 Radio Shack FM/AM stereo tuner, excellent appearance and performs well, a Sony model AN-1 active outdoor antenna-broadcast band up to 30 mhz, good condition. For prices on these and other items contact Don Meno, 9 Oxford Trail, Wallingford CT 06492-2625.

Evening announcer, fulltime for Christian radio network. Must be able to relate to an adult audience and generate creative ideas. Resume and demo tape to Director of Personnel, WBCL, 1025 W. Rudisill Blvd., Fort Wayne IN 46807. EOE.

Radio air talent. I am a graduate of Brown Institute, class of 2000. Experience using various kinds of equipment; also programming experience. Looking for on-air job, including sports. Sean Liepke, 531 N. 2nd St., Apt. 3, Medford WI 54451. Phone 715-748-2785. E-mail: srl99_71@hotmail.com.

Radio management: 30 years experience in radio and TV, working in medium and small markets. Currently GM at KLWD *91.9 Gillette WY and production pro for KIML/KAML-FM 96.9. Contact for a complete resume: Don Wight, PO Box 1492, Gillette WY 82717; 307-682-9553. E-mail: djwight@rmi.net

FM FORUM

Contributions From Readers

Phil Boersma enjoys only one commercial FM station, WFGR 98.7 Grand Rapids MI, "which is classical. There is no other commercial FM in this market which interests me; indeed, most repel me with their dumbed down, over-commercialized, trite formats . . . which I find offensive. Noncommercial FM is only marginally better. I enjoy WBLV 90.3 Twin Lake, which has big blocks of classical and plays jazz, along with WGUV-FM 88.5, which has some good nighttime jazz programming. But the rest of the noncommercial FMs are either politically-hypercorrect NPR blather (which probably plays well in Ann Arbor but not here), or the geometrically multiplying fundamentalist Protestant Christian clones."

"I read about the British Forces station in Canada in FMedia!" writes Harald Brinkmann, who says the BFBS website is at www.bfbs.com. In the Western Hemisphere there are BFBS stations in Belize and the Falkland Islands, plus some cable presence in Goose Bay, Labrador, which also include TV. [The article concerned CKBF *104.1 stereo Suffield AB.] Now with the BBC becoming unavailable on shortwave, tuning in British forces radio, where it is available, may be an option. The hourly news is from "Independent Radio News," the syndicated news service for various British commercial stations, "and much of the other programming is self-produced."

Until July

Bruce F. Elving

THE FM RADIO NEWSLETTER For the broadcaster and the en- lightened media consumer

A newsletter of fact and opinion about FM radio and related technologies—from the publisher of the *FM Atlas*.

Published monthly (although when the annual *FM Atlas* is being prepared there may be no issue). Subscription price \$75.00 annually, single copies \$6.50. ISSN 0890-6718. Phoning? (218) 879-7676. FAX: (218) 879-8333. Copyright © 2001, FM Atlas. E-mail: FmAtlas@aol.com.

New FM Stations, Translators, Boosters, Low Power FM Stations Granted

Translators have less than 100 watts unless shown otherwise; technical parameters for most LPFM stations are not announced, but can be up to 100 watts at 30 meters above average terrain (horizontal, vertical, or both h & v)

CA Apple Valley K210DL *89.9 (KEFX 88.9 Twin Falls ID translator), h,v (horiz. & vertical powers)
CA Manteca *95.9 Christian Worship Center, LPFM
CA Portola KBNF-1 98.9 15 watts h,v; d-a (directional antenna), booster of Quincy station
CA San Jose K265CY 100.9 (KPIG 107.5 Freedom CA), h, reinstated
CO Glenwood Springs KNFO-1 106.1 74 watts vertical, d-a, booster of Basalt station. See also "Deletions" below.
GA Thomaston *97.1 T. Christian Radio, LPFM
HI Elele KQNG-FM1 93.5 7 watts v, d-a, booster of Lihue station.
IL Athens *106.5 Athens Bcstg. Foundation, LPFM
IL Channahon *103.9 Anchor Bcstg. of C., LPFM
IL Eureka *103.1 Eureka College, LPFM
IL Fairbury *95.1 Faith Fellowship Ministries, LPFM
IL Galesburg *95.7 Christian Lifestyle Communications LPFM [Grant Park CUSD #6, LPFM
IL Grant Park (NE Kankakee, S Beecher) *101.5/
IL Macomb *100.3 T&D Communications, LPFM. To be run by Tom and Darryl, who are "both legally blind and will have to rely on donations from listeners, or grants." They're part of Macomb's gay community, do a program late Saturday nights on WBCQ shortwave from Maine, and have visited the "Publishing Estate."
IL McHenry *98.3 Calvary Chapel, McHenry, LPFM
IL Normal *94.9 Heartland Community College, "
IL Springfield *96.1 S. Chinese Ministry Assn., "
IN Huntington *105.9 H. College, LPFM.
KS Anthony *92.1 The Christian Church of Anthony KS, Inc. LPFM [man Catholic Church, LPFM
KS Dodge City *102.1 Our Lady of Guadalupe Ro-/
KS St. Marys *98.3 St. Marys Academy and Home School Assn., LPFM
KS Thayer *100.5 T. Seventh-day Adventist Church, LPFM [Rouge LA], 170 watts h,v
KY Hopkinsville W246AG *97.1 (WJFM 88.5 Baton/
MI Cassopolis *97.1 Prayer Tower Ministry, LPFM
MI Jackson *95.9 Trinity Evangelical Lutheran Church, LPFM [Baptist Academy, LPFM

MI Mount Pleasant *107.7 Mount Pleasant/
MI Muskegon *105.1 M. Training & Education Center, LPFM
MN Moose Lake *99.7 Moose Lake Adventist Bcstg.
MN Sherburne *92.3 Assembly of God Church, LPFM
MS Glen *97.1 Write to Read Radio, Inc.
MS Houston *103.7 Compass Points Educational Foundation, Inc.
MS Tupelo *94.9 Tupelo 2000, Inc.
NV Henderson KV68-1 107.9 78 watts h,v; d-a, booster of Laughlin station. (New England, LPFM
NH Center Conway *106.5 Christian Fellowship of/
NM Espanola *91.1 100 watts h,v; -95 m, Board of Education of the City of Albuquerque
NY Cayuga Heights (Ithaca) W208BD *89.5 (WCII 88.5 Spencer), v
NY Southampton 92.9 6000 h,v; 82 m, Peconic Bay Bcstg. Corp. in a settlement agreement.
NC Greenville W210BQ *89.9 (WPCS 89.5 Pensacola FL), v
NC Manteo *88.9 50000 h,v; 417 m, d-a, U. of NC, Chapel Hill. Full power 90°. It also owns WURI 90.9 there.
NC Roanoke Rapids W201DA *88.1 (WJFM), h,v
OK Grandfield (tower NE of Burkburnett TX) KWKL *89.9 12500 v(ertical only), 139 m, Educational Media Foundation. [TX], 250 watts v(ertical)
TX Tyler K231AL *94.1 (KCZO 92.1 Carrizo Springs/
VA Bristol *100.5 Belle Meadows Baptist Church, LPFM [Inc., LPFM
VA Danville *97.9 International Religious Society/
VA Farmville *94.1 Heritage Baptist Church, LPFM
WY Buffalo *99.5 Calvary Chapel of Buffalo, LPFM
WY Jackson *97.7 Teton County School Dist. #1 LPFM [la Gente, LPFM
WY Laramie *93.7 La Radio Montanesa: Vos de/
WY Thermopolis K267AG *101.3 (KCSP 90.3 Casper), 140 v. Had operated as K269CK 101.7 (h) before being displaced.
Nationwide—the FCC continues to make LPFM grants, as noted above. Some 3250 low power FM station applications were applied for in the various filing windows. The last such window, affecting about 20 states, closed in May.
AB Sikika (50-50-54; 113-03-22) 103.1 25 watts h, 60 m, d-a, Dale Hives. "Type B, English & native language."
BC Abbotsford CFSR 107.1 220 h, 151 m, d-a, format r, "gold-based AC." Replaces 850 AM.
BC Campbell Road (51-11-42; 116-51-39, probably a stretch of highway west of Radium Hot Springs)

VF2377 103.9 5 watts h, -115 m, mono, but relaying stereo CISN 103.9 Edmonton AB.
VF2378 104.7 5 watts h, -115 m, a mono relay of CFMI 101.1 New Westminster, which is stereo.
BC Chilliwack *88.1 8 watts h, 151 m, d-a, Cameron Bell Consultancy—a new weather station "to inform travellers about weather conditions in mountain passes on the three major arterial highways to the east of Chilliwack." No ads allowed.
BC Nanaimo CHWF 106.9 1600 h,v; 95 m, d-a, \$, op format. "The Wolf," replaces CKEG 1570 AM. To be o. "Great Oldies" and "Great '80s." See last month p. 2, col. 3. Launch planned for Sept. 1.
BC New Denver VF2374 94.3 3 watts h, -162 m, \$, Area H North TV Society, to relay KISN 97.1 Salt Lake City. The first Canada station known to legally relay an United States FM station.
VF2373 96.3 20 watts h, -172 m, a CFMI relay
VF2375 *98.3 3 watts h, -162 m, \$, to relay CBC Stereo 2.
BC Surrey 88.9 34 watts h, 74 m—new T1Station, commercial. On air year 'round, 24 hours a day/7 days a week.
BC Vancouver 94.5 46000 h,v; 567 m, d-a, \$, to be s, and to be known as "The Beat." Focus Entertainment Group, Inc. is the owner.
MB Winnipeg CFEQ 107.1 920 v, 95 m, gr, \$, "Freq 107," returns after a seven-months' absence.
NB St. Mary's First Nation (45-58-28; 66-37-54) CKTP 95.7 50 watts h,v; 1 m.
ON Bloomfield VF7108 50 watts v, 7 m, a temporary station on July 27-Aug. 5 for an unspecified event. Not to be in the *FM Atlas*.
ON Georgina Island (in Lake Simcoe at 44-22-22; 79-18-47) 102.7 250 v, 19 m, Janice Taylor. A "Type B English and native station."
ON Ottawa VF7106 99.9 900 watts h,v; 252 m, \$, French Class A—temporary station on June 24-July 24, 2001 for the Francophone Games and for a French festival.. Not to be in the *FM Atlas*, despite its high power.
PQ Asbestos CJAN 99.3 6000 h,v; 81 m, replacing 1340 AM.
PQ Cloridorme CJMC- 103.1 5 watts h, -43 m, d-a, \$, to relay CJMC 100.3 Sainte-Anne-des-Monts.
PQ Dolbeau-Mistassini 101.3 250 h,v; 42 m, \$, e, to have 70 hours a week of French, 49 hours of Montagnais and other native languages, plus 7 hours of English. A native station.
PQ Kangisualujjuac VF2281 89.9 1 watt v, 10 m,

Corp. of Northern Village of Kangi.
 PQ Murdochville C.JMC- 103.1 50 watts h,v; 171 m
 PQ Nemaska (Industry Canada spelling; "Nemiscau," as found on the official PQ road map; ESE Waskaganish at 45-68-28; 86-37-64) CFNM 96.7 750 h, 37 m, \$, believed to be a tribal station.
 PQ Riviere-a-Claude (49-13-30; 65-54-15) C.JMC- 103.1 2 watts v, -43 m, \$. A C.JMC relay.
 PQ Ste-Anne-des-Monts (east) C.JMC- 103.1 5 watts h, -15 m, d-a, \$, E. of main station location.
 PQ Ste-Foy CIIM 96.9 1 watt (actually 1/2 watt), 20 m, "developmental" campus station, Corporation les Affaires Etudiantes du Cegap de Ste-Foy. To be in the *FM Atlas*, as such stations have a propensity to become permanent.
 PQ Temiscaming CBFZ *103.1 1500 h,v; 199 m, mono, to relay CHLM *90.7 Rouyn-Noranda.
 SK Carrot River VF2212 101.1 15 watts v, 25 m
 SK Clearwater Reserve (56-29-50; 109-27-03) 98.5 49 watts v, 18 m, John Cheecham. Unknown which stations it and Carrot River will relay.
 SK La Ronge VF2376 101.1 12 watts v, 29 m, to relay CFMI 101.1 New Westminster.
 NU Cambridge Bay CFBI 97.7 31 watts h,v; 29 m, Cambridge Bay Radio Society. May be a replacement for CFYI 106.5. See "Deletions."

Call Letters Assigned

AR Beebe 101.5 KBGR (KPIK)
 AR England 96.5 KHTE-FM (from KHTE-FM; AM has new calls)
 CA Lucerne *104.5 KPZ-LP
 CA Oroville 97.7 KHHZ (KZCO), S, I, Z-Spanish *107.1 KRBS-LP
 CA San Luis Obispo *89.3 KLFF-FM (KLFF-FM; there are no TV or AM stations with those calls)
 CA San Rafael 100.7 KSFB-FM (KJQI), facilities to 600 watts h,v; 360 m, d-a (directional antenna)
 CA Turlock *100.5 KEFC-LP, g
 CA Weaverville 103.1 KHRD (KAWX)
 CA Willows 106.3 KCHC
 FL Key Largo 106.3 WZMQ (WRAU)
 FL Key West 107.9 WMFM (WRLA)
 GA Roswell 107.5 WJZZ (WAMJ), js, with about 1/3 of the music urban. "Smooth Jazz 107.5." It changed almost a year to the day that WJZF 104.1 Lagrange-Atlanta was sold to Cox Broadcasting, and then the jazz format was dropped in favor of "Kiss 104.1," leaving the market without a smooth jazz outlet. The WJZZ owners are buying WPEZ 107.9 Macon GA, which will change from a C1 to a C2, in an Atlanta move-in effort. The station will be relicensed to Hampton GA. "To pull this off, Radio One is paying U.S. Broadcasting \$55 million for WPEZ and beginning an LMA Sept. 1."

GA St. Simons *94.7 WVEZ-LP
 GA Trenton *98.7 WSDA-LP [Warner Robins
 GA Unadilla *99.9 WCCP-FM (from WAFI); AM is in/
 IL Lexington 99.5 WCSO (WMOS)
 IN Delphi 102.9 WXXB (WDHI), r, CHR, "B 102.9." It's designed to attract listeners 18-49. The change came after a survey of area residents was done. "We gained valuable information from area radio listeners to create the new B-102.9," said g.m. Eric McCart. It puts WXXB in competition with WAZY-FM 96.5 and WGLM 106.7 in the Lafayette market. "That kind of presentation doesn't really affect us. It's a teen product and that ain't our bread and butter," said Dan McKay, p.d., WGLM. It's now

3000 h,v; 149 m, from a new tower NE of Buck Creek, having moved from a transmitter location in Delphi. Its owner, RadioWorks, also has WKHY 93.5 in Lafayette.
 IN Hanna *89.9 WHLP
 IN Kentland 101.7 WTVR-FM (WLRK), k, "River Country 101.7." ID with Morocco (IN)-Wabeska IL, and "obviously automated." WTVR AM is in Mayfield KY.
 IA Saint Ansgar *96.5 KJCY (KHAM)
 KS Dodge City 93.9 KZRD (KRPH), "The Buzzard"
 KY Hays *91.7 KZAN
 KY Richmond *88.9 WEKU (WEKU-FM)
 LA Baker 107.3 WJHN (WTGE), sr, "Jammin' 107.3"
 LA Baton Rouge 100.7 WTGE (WXCT), still "Tiger Country 100.7" [modern rock, "The Buzz"
 LA Benton 92.1 KSYR (KLKL), was stunning. Now pr./
 LA Houma 104.1 KFXX-FM (KUMX), o, classic hits, "The Fox." AM is in Minneapolis MN.
 LA Jackson 104.5 WZRB (WUXN), s ("adult R&B")
 LA Mansfield *106.1 KEPT-LP
 LA Minden 95.7 KLKL (KSYR), o, "Oldies 95.7"
 ME Rockland *93.3 WRFRLP
 MD Ocean City *107.9 WEES-LP
 MD Sherwood *97.5 WRYR-LP
 MI Cadillac 92.9 WJZQ (WKJF-FM), [jazz], facilities to 278 m (100000 h,v), C1 downgrade.
 MI Detroit 105.1 WMGC-FM (WGRV-FM), r, "Magic 105.1." AM is in Murfreesboro TN.
 MI Jackson *95.9 WTRJ-LP
 MN North Branch *90.3 KJLV. To be \$, "K-Love."
 MO Garden City 105.1 KFME-FM (KGAR), \$, although its testing was in mono. Now r, CHR, "E-FM," with the music billed as "retro to right now." Targets females 25-49. Stereo, "but the sound quality is sub-per. My understanding is that they put in a



temporary ISDN feed to the tower while they fix their problems."

NE Imperial 102.9 KURK
 NJ North Cape May 106.7 WDOX (WJNN), sr plus modern rock, "The Touch." It's parallel to WTTH 96.1 Margate City-Atlantic City.
 NJ Wildwood Crest 93.1 WBNJ (WDOX), "The Touch"
 NY Canton 96.7 WYSI (WVLF), "Yes FM"
 NY De Ruyter 105.1 WXBB (WVOQ), k[country]. June p. 4, col. 2 incorrectly listed its old calls as WVOA.
 NY Little Falls 105.5 WSKU (WOWB), r, CHR
 NY Montauk 104.7 WMOS (WCSO), o, classic hits, still "Beach 104.7."
 NY Norwood 96.1 WWLF (WYSI), "The Valley"
 NY Rome 102.5 WRBY (WSKS), k[country], "Bob"
 NY Utica *100.7 WKVU (WVVC), "K-Love"
 NY Whitesboro 97.9 WSKS (WOWZ), r
 ND Grafton 100.9 KAUJ (KXPO-FM), o, "Oldies 101"
 ND Walhalla 106.7 KYTZ (KAUJ), r, "Z 106.7" [FM]
 OH Akron 96.5 WAKS (WKDD), r, top 40, "96-5 Kiss/
 OH Canton 98.1 WKDD (WHK-FM). Was WAKS for a while. Format now (rock).
 OH Cleveland 95.5 WFHM (WCLV); was WHK-FM for a while), gr, "The Fish." One night, "I was hearing WCLV-FM simulcast on 95.5 FM and 1460 AM. The FM channel went silent at midnight. A couple minutes before midnight, Bob Conrad announced that WCLV was moving immediately to 104.9 FM. The legal ID given on 1460 AM at midnight was 'WCLV 104.9 Lorain' (95.5 FM had gone silent). I kept tuned to 95.5 FM throughout the night. I heard

several program tests that consisted of station promos for 'The Fish' and brief musical interludes. The new station began regular broadcasting in stereo at noon. . . This is a strict nonIDer, with the legal ID at the top of the hour as 'WHK Cleveland, soon to become WFHM, The Fish.'" Now 1420 is with the m-o-r format that had been on 850 AM. Correct the story last month, p. 4, col. 3. to read that WHK is moving from 1420 to 1220 (not 850).
 OH Cleveland Heights 92.3 WXTM (WZJM), "Extreme Radio," adding Opie & Anthony in p.m. drive.
 OH Lorain 104.9 WCLV-FM (WAKS); AM is 1420 in Cleveland, "m" format. WCLV-FM is classical.
 OK Enid *94.3 KLGB-LP from the Covenant Life Worship Center, 580-234-1920. An equipment test was announced of KLGB-LP 94.3 stereo FM at PO Box 884, Enid OK 73702.
 *104.7 KUAL-LP, on air, op format, stereo. Has "frequent but irregular IDs as 'Classic Rock 104.7 KUAL Enid'; appropriate with tracks such as 'Gonna Rock This Town Inside Out'. . . Trying to sound like a commercial station, despite licensee name of 'Enid Public Radio Association'." "One expects a bit more of 'public radio', even on a shoestring, than classic rock. . . Power is so low that whip antenna positioning for 104.7 is critical only about a sesquimile from licensed transmitter site," G.H., Enid.
 OK Hennessey *97.7 KCOC-LP
 OK McAlester *93.3 KJRM-LP
 OR Sisters 104.1 KWPK (KPXA), r, hot AC. Owned with KMJZ 95.1 Prineville.
 OR Warm Springs 96.5 KRGO-FM (KWPK), k. It's AM is in Prineville.
 PA Charleroi 98.3 WOGI (WOGI-FM)
 PA Cooperstown 107.7 WUJZ (WHUG)
 PA Erie 102.3 WQHZ (WJET), [FM], "Kiss 99.3"
 PA Harrisburg 99.3 WHKF (back to, from WWWL-PA Starview 92.7 WHBO (WEGK), o, "Big 92.7" (strict). It's the sixth format change in 20 years and the third in the past nine years. "I don't see how they can succeed with this format."
 TX Markham *91.3 KQZX
 TX Odessa *90.5 KFLB-FM (KENT-FM)
 UT Cedar City 92.5 KXFF (KCHN), o, "The Fox"
 VA Norfolk 105.3 WSVY-FM (WJCD), sr, "The Vibe"
 VA Richmond 105.7 WJMO-FM (WPLZ-FM); AM is in Cleveland Heights OH.
 106.5 WBTJ (WRCL), s, "106.5 The Beat"
 VA Virginia Beach 102.1 WWHV (WANN)
 VA Warrenton 94.3 WBPS-FM (WPLC), still monophonic, I, tropical, "Amore FM." AM's in Dedham MA.
 VA Windsor 107.7 WJCD (WSYF-FM); j, "CD 107.7"
 WA Opportunity 96.1 KIXZ-FM (KNFR); AM is in Arnerillo TX.
 WA Vancouver 105.9 KSTE-FM (KSTE); AM is in Rancho Cordova CA. KSTE-FM's in stereo. Still r, adding Jamie White & Danny Bonaduce from KYSR 98.7 Los Angeles in morning drive. "Portland radio is pretty dull and uninteresting. It really sounds like the major chains have created a lot of generic, bland outlets that sound the same as their outlets in other markets. The two country stations were OK. KVMX (105.7) and KSTE-FM appear to have no weekend D.Js. KVMX's 80s library is small—heard Mike & Mechanics' *Silent Morning* twice in less than 24 hours on them."

WV Ravenswood 93.1 WLWF (WMOV-FM; not changing to WKIO as the FCC earlier announced it had applied to do; WKIO remains 92.5 Urbana IL).
 WI Spooner 106.3 WPLT
 WY Lost Cabin 99.1 KWWY (KXSZ)
 NB Saint Stephen 98.1 CHTD, to be 168 m (40000 h.v.), k, "The Tide, \$[tereo].
 ON Hawkesbury 88.9 CIMF-1
 PQ Dorval Airport (Montreal) *89.7 CHDO, new height 96 m (1 watt v). Not yet on air.
 PQ Gaspé *90.1 CBFX-5
 SK Missinipi *105.9 VF2379
 SK Prince Albert 101.5 CHQX
 SK Saskatchewan 98.3 CJMK (CJRK)

Facilities Changes Granted

AK Fairbanks KXLR 95.9 -5 m (25000 h.v.)
 KIAK-FM 102.5 100000 h.v.; 174 m
 KKED 104.7 50000 h.v.; 174 m, C1
 AZ Bagdad KBJU 103.1 4900 h.v.; 226 m, d-a, with 41% at 90°
 AZ Eagar KTHQ 92.5 100000 h.v.; 36 m, C0
 AR Bentonville K215EA *90.9 (ex- 214DU 90.7), h.v.
 CA Clovis KZFO 92.1 37000 h.v.; 173 m
 CA June Lake KIHS *90.9 50000 h.v.; 105 m
 CA Mount Shasta KMJC-FM 107.9 100000 h.v.; 334 m, Class C0
 CA Needles KNKK 107.1 2200 h.v.; 582 m
 CA Palo Colorado Canyon K217EK *91.3 (from K216CL 91.1), 250 h.v.
 CA Paradise KHSL 103.5 2500 h.v.; 314 m, B1
 CO Aspen K237BH 95.3 to h.v.; adding v[er]tical [h.v.]
 CO Fort Collins K206DB *89.1 (from K260AC 99.9)/
 CT Hartford WCCC-FM 106.9 221 m (23000 h.v.)
 CT New Haven WYBC-FM 94.3 3000 h.v.; 144 m, d-a, with 54% 190-250° [with 820 watts 100-105°]
 DE Ocean View WZEB 101.7 3300 h.v.; 136 m, d-a/
 FL Clermont WEAZ *88.7 5500 h.v.; 117 m, d-a, C3, with 40% 210-60°
 FL Florida City WMFL *89.5 500 watts h.v.; 92 m, Class A downgrade; adds h[or]iz[on]tal.
 FL Gulf Breeze W204BW *88.7 (from W205AS 88.9), h.v. [d-a, with 820 watts, 100-105°]
 FL Homosassa Springs WXCX 95.3 2800 h.v.; 547 m/
 FL Marathon WGMX 94.3 (not moving to 94.7), still a C2 [59% 20-70°]
 GA Atlanta WABE *90.1 248 m (96000 h.v.; d-a, with/ GA Flintstone W220DA *91.9 to h.v., with transmitter north of Lookout Mountain TN.
 GA Lyons WLYU 100.9 6000 h.v. (100 m)
 GA Macon W203BH *88.3 (from W201CV 88.1), v
 GA Mount Vernon WYUM 101.7 3600 h.v.; 130 m
 GA Orchard Hills W284AE *104.7 h.v. Its transmitter is near Lookout Mountain TN, and like W220DA *91.9 apparently serves Chattanooga TN.
 GA Vidalia WTCQ 97.7 4300 h.v.; 118 m
 ID Twin Falls K203DW *88.5 (from K207DL 89.3), h.v.
 IL Cairo WBEL *88.5 55000 v (170 m)
 IL Galesburg WAAG 94.9 150 m (50000 h.v.)
 IL Peoria WZPW 92.3 19200 h.v.; 114 m
 IN Corydon W274AD *102.7 102 h.v., taking big FM map type, FM Atlas
 IN Hartford City WHTY 93.5 3900 h.v.; 124 m, no d-a
 IN Newburgh WDKS 106.1 6000 h.v. (100 m)
 IA Castana KMAP 107.5 25000 h.v.; 100 m, C3, d-a, with 40% power at 40°
 IA Gilbert K290AJ *105.9 (from K288CI 105.5), 250 h.v.; d-a with 100% at 180°, which is in the direction

of Ames. Site is between Gilbert and Ames, but it is temporarily off the air. [88.1], h.v.
 KY Bowling Green W203BI *88.5 (from W201AY/ WBVR 96.7 48000 h.v.; 125 m, C2
 KY Lerosé WSPE *88.3 1000 h.v.; 98 m, adding vertical; rc format, to relay WMMKY *90.3 Morehead KY.
 LA Atlanta (new) 106.5 25000 h.v. (100 m), C3
 LA Jennings KJEF-FM 92.9 30000 h.v.; 195 m, d-a
 LA Jonesville KTYX 105.1 96 m (6000 h.v.) [grade
 MI Hart WCXT 105.3 28000 h.v.; 201 m, C2 down-/
 MI Onsted WAAQ *88.3 250 v, 23 m, with an application for 540 v, 337 m.
 MS Centreville WPAE *89.7 84000 h.v.; 146 m, d-a
 MS Pickens WYJS 105.9 23000 h.v.; 224 m
 MS Waynesboro W218BV *91.5 (from K216AZ 91.1), h.v.; adding v[er]tical]
 MO Osceola KCVJ *100.3 (from 92.3), d-a
 MO Parkville KGSP apparently moving to *90.7 (from 92.3 where it has been off the air); had been on *90.1. Facilities to 49 h, 89 m, but FCC renews its license only "conditionally." [moved to 101.9
 MT Laurel KRSQ 101.9 (from 101.7), having just/ NE Broken Bow KBBN 98.3 25000 h.v.; 95 m, C3
 NE Scottsbluff K218DL *91.5 (from K219FC 91.7), still 140 h.v. [with 58% power at 170°]
 NV Sun Valley KGVN 93.7 3600 h.v. (129 m, d-a/
 NY Albion WBJA 102.1 3700 h.v.; 129 m, d-a
 NY Alfred WETD *90.7 (from 90.9), remove d-a
 NY Kingston WBPM 94.3 2250 h.v.; 166 m, d-a
 NC Ahoeskie WBKU *91.7 87000 (131 m)
 NC Bayboro WRUP 97.9 14500 h.v.; 132 m, with a change in its d-a pattern to show 55% power at 290-330°
 NC Wilson WXJC *90.5 1550 h.v.; 64 m
 OH Athens W211BT *90.1 (from W210BK 89.9), h.v.
 OH Bainbridge WKHR *91.5 750 h.v.; 141 m
 OH St. Marys WMLX 103.3 2500 h.v.; 158 m
 OK Clinton K219FK *91.7 (from K219DI 91.3), v
 OK Duncan KKEN 97.1 6000 h.v. (100 m)
 OK Durant K211EM *90.1 (from K212FC 90.3), v, reduces power to less than 100 watts [v
 OK Ninneka K219KL *91.7 (from K217DK 91.3), 250/
 OR Gresham K273AB *102.5 with KZRI 90.3 Welches and "Air 1" (from KLVP 88.3 Magalia CA)
 OR Scappoose (move from Tillamook) KJUN 104.1 1850 h.v.; 386 m, with an application for C2 status. Format o, and heard testing from the new site. That site is just SE of downtown Portland, using the KGON 92.3 tower. "I don't recall if it was stereo or not."
 PA Mill Hill WVRT 97.7 d-a
 PA Murrysburg WRWJ *88.1 10 watts h, 300 watts v, 75 m, d-a, with 19% 270°
 SC Charleston W220CN *91.9 to h.v.
 SC Goose Creek WSSP 94.3 25000 h.v.; 100 m, C3, d-a, with 47% at 240°
 SD Rapid City 92.3 (new) 184 m (100000 h.v.), C1
 KLMP 97.9 100000 h.v.; 579 m, adding v[er]tical]
 TN Dayton WDNT-FM 104.9 1300 h.v.; 217 m
 TN Lafayette WLCT 102.1 6000 h.v. (99 m)
 TN Murfreesboro WMAK 96.3 38500 h.v.; 432 m, d-a, with 23% 320-330°
 TX Abilene KEYJ 107.9 270 m (100000 h.v.)
 TX Big Lake KWTR 104.1 500 watts h.v.; 19 m, Class A, but probably a temporary downgrade (from C1).
 TX Bushland K208DH *89.5 v only (loses h)
 TX Dallas KKDA-FM 104.5 99000 h.v.; 508 m
 TX Denton KHKS 106.1 99000 h.v. + beam tilt; 508 m, transmitter Cedar Hill TX.

TX Farwell KICA-FM 98.3 100000 h.v.; 117 m, C1
 TX Howe KHYI 95.3 19000 h.v.; 245 m, C2
 TX Levelland KLVT-FM 105.5 25000 h.v. (91 m), C3
 TX Pecos KPTX 98.3 9500 h.v.; 129 m, C3
 TX Plainview KHDY 97.3 226 m, d-a (100000 h.v.), with 67% power at 200-210°
 TX Rosenberg KOVA 104.9 2700 h.v.; 299 m, C3
 TX Seymour KSEY 93.9's 50000 h.v.; 150 m, facilities upgrade has an informal objection filed against it.
 TX Uvalde KBNU 93.9 (from 93.7) 25000 h.v. (89 m), C3 upgrade.
 VA Marion WZVA 103.5 3700 h.v.; ;129 m
 VT Waterbury WLKC 103.3 1050 h.v.; ;806 m, d-a, with 37% power at 340°, C2
 WA Seattle KNHC *89.5 8500 h.v.; 372 m, d-a, with 22% power 290-360°
 WI Lomira WFDL 97.7 17500 h.v.; 122 m, d-a, with 40% power 310-330°
 WI Muckwonago (new) 105.3 1650 h.v.; 193 m, still Class A, but to move lower closer to Milwaukee. It's being bought by Salem for \$3.7 million and will probably go religion. In order for a better signal in the direction of Milwaukee, it is paying Waters Broadcasting of Michigan to downgrade WCXT 105.3 from a C1 to a C2 (see above, MI Hart).
 WI Tomah WVCX *98.9 300 m (100000 h.v.)
 WY Pinedale KPIN 101.1 230 h.v.; 135 m
 PR Quebradillas WIDI 99.5 50000 h.v.; 457 m
 PR Río Piedras WFID 95.7 11500 h.v.; 848 m
 BC Lillooet CHLS 100.5 3 watts v (-370 m, d-a)
 BC Nanaimo CHLY 101.7 (from 94.5), 95 m, d-a (1300 h.v.), "The Beat of Nanaimo," to be ps, \$. This is the "campus station going on 101.7," see June p. 2, col. 3. To be on either Sept. 1 or 15.
 ON Hamilton CIOI 101.5 240 h.v.; 75 m
 ON London CFPL-FM 95.9 d-a returns
 ON St. Catharines CHRE 105.7 120 m (50000 h.v.)
 ON Sioux Lookout CKWT 89.9 (from 90.1), 8 watts v, 18 m, monophonic.
 ON Toronto CJBC-FM *90.3 5730 h.v.; 304 m, d-a
 PQ Grande-Vallee CJMC-4 ;103.1 (from 92.7), 50 watts h, no d-a (190 m), \$[tereo]
 PQ Quebec CBVX *95.3 478 m (d-a, 24900 h)
 CBVE *104.7 478 m (d-a, 24900 h)
Stereo—Or to Be \$[tereo]
 IN Roann WMYK 101.9 op, "Classic Rock 98.5," parallel to WARU-FM 98.5 Peru IN.
 IA Des Moines KDPS *88.1 with "radio for Kids" early evenings in the summer.
 MO Owensville KXMO 95.3, o [Bone°]
 NC Wrightsville Beach WFXZ 93.7, still "93-7 The/ OR Depoe Bay KDEP 105.5
 VA Goochland WZEE 100.5, b, "Easy 100.5"
 ON Thunder Bay CJOA 95.1. CJOA-1, the relay on Candy Mountain (location: SW of Thunder Bay near the intersections of ON Hwys. 587 and 608), is stereo, with 4 watts. "I can't believe the coverage they get with it!"
 ON Timmins CKTT 94.3 stereo, in spite of talk format
 NL Lampazos XHLPZ 95.3, facilities to 70000 h.v. (600 m), "La Traviesa"
Monophonic
 IA Madrid-Ames KLRX 96.1, t, "The Jock," parallel to KJJC 107.1 Osceola-Des Moines. Confirmed without a stereo carrier.
 MD Prince Frederick WBZS 92.7. Has been mono "for some time now."
 MO Bethany KAAK 95.5 still mono.

NE Omaha KVSS *88.9 still mono. Low level modulation, muttering "Catholic radio," along with call letters.

ON Thunder Bay CITB 97.1 mono; remove stereo. Station said to have good coverage for its power.

Format Changes

Formats are the same as in the "FM Atlas"

- AL Citronelle WQUA 102.1 sp, southern gospel
- AL Talladega WSSY-FM 97.5 r, hot AC, \$
- AZ Nogales KZNO 98.3 still S, I, now Entravision regional Mexican takes over. No "La Zeta."
- AR Camden KUCA *91.3 r, Jones hot AC, \$, programmed with commercial station KCON, but all network and local commercials will be covered with public service announcements. The University of Arkansas has given up this station.
- AR Harrison KCWD 96.1 op, no "Hits 96."
- CA Healdsburg KSXY 95.9 still r, adding Rick Dees AM drive.
- CA Roseville KXOA 93.7 t, mono, plus Howard Stern. "Arrow 93" goes astray.
- CO Cortez KRTZ 98.7 m [with Family Radio.
- FL Florida City WMFL *88.5 still g, back on the air/
- FL Tavernier WKEZ-FM 96.9 b, "Easy"
- IN Peru WARU-FM 98.5 op, "Classic Rock 98.5"
- IA Parkersburg KQCR 98.9 m, uses calls, as well as "Radio for the Heart." Believed to be stereo.
- KS Winfield KSJM 107.9 sr, no "Jammin' Oldies"
- LA Empire KBIL 104.5 sr
- MI Crystal Falls WOBÉ 100.7 o, ABC Pure Oldies, like with co-owned WOWN 99.3 Shawano WI.
- MI Detroit WDVD 96.3 r, "modern AC"
- MI Frankenmuth WZRZ 93.7 o '80s, had been testing
- MI Hancock WMPL-FM 93.5 t, mono, with sports and talk, like Rush Limbaugh. Dumps "The Modern Rock Alternative."
- MI Lakeview WSCG-FM 106.3 k, classic, taking the heritage of WCUZ-FM 101.3 Grand Rapids, which has become classic rock WBFX. WSCG-FM's primary coverage is north of Grand Rapids, but it does reach into the local metro area.
- MI Negaunee WNGE 99.5 t, talk and sports, mono, simulcast with WIAN 1240 AM. Facilities to 3600 h,v; 131 m, d-a. Had been testing.
- MI Ontonagon WUPY 101.1 k, still "Y 101"
- MI Tawas City WHST *106.1 to be g, noncommercial, with Northern Christian Radio taking over. It will relay WPHN *90.5 Gaylord, with the same programming heard on WOLW *91.1 Cadillac.
- MS Charleston WGTG 95.7 o, Southern Gospel satellite feed.
- MS Decatur WZKR 103.3 rm
- MS Vicksburg WSTZ 106.7 op
- MO Mansfield KTRI(95.9 k
- MO Wheeling-Trenton KULH 105.9 gr, \$(tereo)
- NE Hastings KLIQ 94.5 rm, owned with KQKY 105.9-KRNY 102.3 FM.
- NV Laughlin KVGS 107.9 sr, "V-108"
- NV Pioche KBZB 98.9 r
- NM Las Cruces KRUC *88.9 S, g, with a translator, K213BY *90.5, in Astoria OR with Spanish.
- NY Fredonia WBKX 96.5 m, "95 Kix FM"
- NY Rochester WCMF 98.5 tr, adding Opie & Anthony, plus having "hot talk" in morning drive.
- NY Sylvan Beach WBGJ 100.3 mt, parallel to WOLF-FM 96.7 Oswego-WOLF 1490 AM Syracuse.
- NC Manteo WOBX-FM 98.1 rm, with Rick Dees from L.A. mornings.

- NC Wilson WRDU 106.1 still rp, adding Bob & Tom. It moves John Boy & Billy to co-owned WTRG 100.7 Rocky Mount
- ND Bismarck KSSS 101.5 op [Anthony afternoons
- OH Circleville WAZU 107.1 still p, adding Opie and/
- OH Columbus WBNS-FM 97.1 r, hot AC, no "Oldies 97.1." It competes with WSNY 94.7.
- OH Johnstown WSMZ 103.1 f, actually blues, from the American Blues Network. No "103.1 Jamz" now.
- OR Florence KWVZ *91.7 c, parallel to KWAX *91.1 Eugene. [which is K252BH Newport
- OR Lincoln City KCRF 96.7 op, also mentions 98.3/
- OR Newport-Lincoln City KYTE 102.7 r, "Kite 102.7" (from "Kite FM")
- OR Portland KBVM *88.3 gr
- OR Prineville KMJZ 95.1 j, smooth
- PA Pen Argyi WWPJ *89.5 to be c, parallel to WWFM 89.1 Trenton before the end of this month.
- PA Philadelphia WYSP 94.1 tr, with Opie & Anthony in p.m. drive, along with Howard Stern in the mornings. Opie is actually Gregg Hughs and Anthony is Anthony Cumia. This is part of a nationwide syndication with Infinity Broadcasting. They are noted for "sex jokes, profanity or insulting of public figures [but] the three-year deal will bring them to at least 20 major cities." Hughes and Cumia had their start at WAAF Worcester-Boston, from which they were fired in 1998 after a false report that Mayor Thoms M. Menino had died. They then went on to WNEW 102.7 New York. This deal puts them ahead of Eric "Mancow" Muller of Chicago, and Todd Clem, "Bubba the Love Sponge," of WXTB 97.9 Clearwater-Tampa FL. Clem has been charged with animal cruelty in the Feb. 27 killing of a boar in the station parking lot.
- WEJM 95.7 r, "Mix 95.7" (strict; from "Jammin' Gold"). Has eliminated urban music, with the station's call letters expected to change. It's "another lame station, playing the same music as other market stations WLCE 104.5 and WSTW 93.7." Its RDS [T()] has been updated to read "MIX 95.7."
- TX Brownwood KXYL-FM 96.9 t, monophonic
- TX Dallas KZPS 92.5 still op, adds Bob & Tom
- TX Freeport KJOJ-FM 103.3 S, I, "La Raza"
- TX Odessa KHKX 99.1 k, "Kicks 99 Country." "Apparently three full 100 kw signals (from KNFM 92.3, KGEE 99.9 Monahans, KTXC 104.7 Lamesa), a G2 (KKJW 105.9 Stanton), plus the adjacent signals of KBST-FM 95.7 Big Spring and KACT-FM 105.5 Andrews were not filling the need for country music in the market." [Jam]
- TX Port Arthur KTJM 98.5 S, I, "La Raza" (from "The/
- UT Delta KMGR 97.5 mr, seeks 38000 h,v; 922 m
- UT Orem KENZ 107.5 pr, "107-5 The End"
- UT Provo KXRK 96.9 rp, still "X 96"
- UT Tooele KUJU 92.1 s, still "U 92"
- VA Pennington Gap WSWV-FM 105.5 o[ldies]
- VA Petersburg WPZE 99.3 sr plus hip hop, "Hot 99.3" (uses "Magic")
- VA Powhatan WBTT-FM 107.3 r, '80s based AC.
- WA White Salmon KBNO *89.3 S, g
- WI Hayward WHSM-FM 101.1 op, still "Magic 101." Same format as WKLK-FM 96.5 Cloquet MN.
- WI Marathon WKQH 104.9 o, classic hits, "104.9 KQH." [X 91.3"]
- BC Victoria CKXM 91.3 pr, \$, "The Zone" (from/

- NB Grand Falls CKXG 102.3 rm, with a simulcast of the morning show from VOXM-FM 97.5 St. John's NF in stereo. Now "Magic 102.3."
 - SK Yorkton CFGW 94.1 r, '80s-90s and current hits, "The Fox." Stereo.
- On Air—Real Stations and Pirates (Selected)**
- CA Avalon KAZA-TV 54, in Spanish, with stereo and SAP (low modulation version of the main channel). Its AM is in Gilroy. Transmitter NE Pasadena on the mainland. "I've never seen a brand-new station sign on with stereo or SAP," L.H., Culver City.
 - CA Los Angeles (moved from San Jose) "Pirate Cat Radio" 87.9 with a dominant signal in Hollywood/ West Hollywood, and is giving interference to KLon *88.1 Long Beach, primarily in the Sunset/La Brea areas. It's been on there since March 8. The operator, "Monkey Man," is seeking dj-s to sign up, "so it seems that he's planning to stay a while. . . Shutting down an allegedly illegal operation is not as simple as one might think. A pirate that fails to voluntarily cease operation must be forced to do so, but only after a legal process that has the potential of dragging on for a very long time."
 - CO Pueblo KKMG 98.9 fined \$7000 for airing the edited version of Eminem's "The Real Slim Shady." Even though the banned words were supposedly bleeped out on the version that aired, the FCC still said that KKMG "failed to purge a number of indecent references." This ruling by the FCC could have a major effect on how CDs are played which even hint of indecency.
 - CO Yuma KNEC 100.9 fined \$10,000, down from \$11,000 and an earlier-announced \$16,000 for failing to have EASystem equipment that was operational.
 - GA Sparta WPMA *102.7's Class C3 upgrade is taking more time, due to zoning problems, and the cost of acquiring land. And "very few people want to see a tower near their property. [This] is one of the most difficult things to get done in trying to put a station on the air."
 - KY Murray WKMS *91.3 discovered that a translator (most likely W258AJ *99.5 Paris TN) is missing, with somebody stealing the equipment. It was valued at \$6000, and since 1998 served a hilly area of 12,000 people south of the station. It should be back on the air by now. Other broadcasters have reported stolen translators, including the WAY-FM group, missing W201AD *88.1 Clarksville TN, and in the Eugene OR two translator sites were burglarized; one of those might have been K265AZ 100.9 Alesa, and the other K230AD 93.9 Cottage Grove, relayers of KMGE 94.5. It's believed the work of an organized crime ring which sells to foreign broadcasters. Locations are generally "isolated, not well-secured buildings out in the middle of nowhere."
 - LA Alexandria KCJM-LP *107.9 on air to serve inner city youth with Christian programming. It may have been the first LPFM station on the air nationally. Because of construction in the building its studios were in, it was prevented from drilling holes for a transmission line, so it moved the antenna to a building across the street. This presented a problem, with the engineer devising a "Mr. Microphone" approach to get the signal to a receive antenna atop the other building, and to rush the station's

getting on the air. I'm sure a better solution has since been figured out, but wonder if the new LPFM is stereo?

Maine and Virginia—listeners let it be known that they would not tolerate the Metropolitan Opera being canceled. Maine Public Radio restored the Met and other music programs after taking a beating from hundreds of angry listeners. Similar uproars have kept the Met on in other locales, including Roanoke VA. There, former g.m. Steve Mills took the show off WVTF *89.1, and he was subsequently fired. He dropped the program due to "poor ratings," but listeners complained to Virginia Tech associate v-p for university relations Larry Hinckler, who ordered Mills to reinstate the broadcast. Months later, Mills was fired. Mills believes the opera flap led to his dismissal, and he's fighting it in court. He's suing the university for defamation, breach of contract and violation of free speech. He is seeking \$3.75 million in damages from the school and five officials. Mills said Hinckler fired him and then tried to reassign him to the University's AM information station, which he claims violated his contract. "Our position is that we feel Mr. Mills was treated very fairly. We feel his lawsuit is without merit, and we expect our position will be upheld in court," said Dave Nutter, an university spokesman.

MD Baltimore WJHU *88.1 is a test case which might determine the course of action for other universities that see their radio stations as part of the problem, not part of the solution. These days, with cash-strapped colleges seeing other priorities rather than radio as important, some are considering selling their stations, often at prices in the millions. A case in point is WJHU, which has been approached by two monied suitors, Maryland Public TV and Minnesota Public Radio's American Public Media Group. Johns Hopkins University may consider a partnership, to sell the stations, or to simply keep operating WJHU. For now, it has decided to delay hiring a general manager. The WJHU situation has made other university licensees worried, according to the public broadcasting paper, *Current*. Rising to the challenge is a group of university-licensed public radio stations called the University-Station Alliance (USA), which is trying to help stations negotiate such concerns. With recent developments coming so quickly, Linda Carr, executive director, USA, planned a session for university licensees at the Public Radio Conference in Seattle in May that focused "on what leads to these drastic situations, how a station should respond to them, and how to head them off."

MI Detroit WDTR *90.9 is the under-performing FM stations of the Detroit Public Schools. Officials there have decided not to shed the FM facility. It's to be incorporated into a new fine arts, communications and technology magnet high school by 2004. This ends months of speculation about the future of this major-market frequency. The new site was donated by the Detroit Symphony Orchestra, next to a city performing arts center. The new site should enable the station to serve a larger educational, and maybe cultural, role. "We'll be able to do more since there will be more students there, using better facilities," said Stephanie Garrette, acting administrator-in-charge. Previously, Don Crawford (owner of WMUZ 103.5) offered \$13.5 million for the station, which would probably have become re-

ligious if his plan worked out. If WDTR were sold to a non-religious group, there was talk it would become classical, with WDET *101.9 Detroit then able to change format and be sold. An organization, Public Radio Capital, was poised to keep WDET out of the hands of commercial broadcasters. WDTR has been plagued by low ratings (sometimes as low as 0.0 in the Arbitrons) and a 1992 payola scandal that resulted in a reprimand from the FCC. Garrette wasn't sure whether or not the school system would increase WDTR's staff or budget when it moves to its new digs. Sounds like the same old problems could come back, prompting me to question whether there might be a talk of a sale in the future, or if there are secret negotiations going on even as you read this?

MI Highland Park WHPR *88.1—admission for carrying commercials on a noncommercial station. NE Wilber KFLV *89.9 and Lincoln K220GT *91.9. The 89.9 and 91.9 frequencies are promoted on billboards in Lincoln. I didn't hear an ID on 91.9, so couldn't tell if it might have changed primary to KFLV, or if it's still broadcasting Oregon's KLOV.

PA Trout Run WCIT *90.1
TX Fort Worth KEGF 97.1 fires the two DJs who broadcast the false report that Britney Spears had died in a car crash along with boyfriend Justin Timberlake of 'N Sync. L.A. police were deluged with calls after DJs Kramer and Twitch claimed that Spears was dead and Timberlake was in a coma after a crash in Los Angeles. They aired the false report during a nighttime show on the Clear Channel Communications station. "They were let go," said Gabriela Soliz, a spokeswoman for the company. But just two weeks later, Infinity's WKRK-FM 97.1 hired them. Hey, they're still on 97.1!

VA Warrenton "WFRW-LP" 98.1 is supposedly on,

COUNTRY 98one

masquerading as a low power FM station. Contact 'em at Fauquier Broadcast Media, 313 East St., Warrenton VA 20186.
WA Moses Lake KMLW *88.1, parallel to KMBI-FM 107.9 Spokane, and KSPL *90.9 Kalispell MT, with Moody programming. "I'll be going through Moses Lake and will let you know if KMLW is stereo."
WI Superior KBJR, Channel 6, alludes to its 87.7 audio frequency in newspaper and over-the-air ads as an FM station.



ON Rockton (SE Cambridge, S. Guelph) 89.9 Information Radio, from African Lion Safari Park.

Off Air—Or Not Yet On

KY Carlisle WSTL 92.1 silent pending sale to WLXO 96.1 Stamping Ground KY, etc.

MD Lexington Park WMDM 97.7, along with WPTX 1600 AM. They're off the air for technical upgrades, and expected back on by later this month.
MN Grand Marais WLSN *88.7, WMLS *89.7
MN Nisswa KBPQ 93.3. Heard in the area weakly was WBSZ 93.3 Ashland WI.
NE Beatrice KQIQ *88.3. Heard instead in the area was K202CJ 88.3 Dresher NE with KROA *95.7 Grand Island NE programming.
NE Ralston KMLV *88.1
OH North Kingsville WCUZ 107.5 not yet on, but somebody in the area heard a series of audio tones. "It seems to run several minutes of 1 kilohertz audio tones with occasional low frequency audio tones in monaural." No identifications.
PA Mill Hill WLTS 98.7—off air, but working on a transmitter site with a September start planned.
TX Centerville KUZN 105.9, but plans to resume broadcasting in August.
UT Brigham City KJQN 100.7
UT Oakley KPKK 101.5
VA Martinsville W209BQ *89.7: This new translator has WCPE *89.7 Raleigh NC concerned. Writing in the WCPE program guide is g.m. Deborah Proctor, who says, "Despite your written objections, the FCC granted a [construction permit] for a translator on 89.7 FM to a group from Lynchburg VA. Unfortunately, this repeater will operate smack on top of WCPE's frequency and obliterate your ability to listen to us. By their own regulations, the FCC is not supposed to do this." The relay will be for WRXT *90.3 Roanoke, "Spirit FM."
ON Thunder Bay CJUK 99.9

Deletions

AZ Sunflower K224BN 92.7
CA San Simeon *102.7—low power FM station grant rescinded. It had its coordinates wrong, placing it 161 km west, in the Pacific Ocean. To the FCC, having the coordinates misplaced on an application is a "fatal error." (above)
CO Glenwood Springs K292DW 106.3 (see "New,")
CT West Hartford W251AA *98.1
NV Overton K212AN *90.3
NM Espanola K212AW *90.3. K224BN and W251AA lost their licenses for failing to operate in the past 12 months.
AB Whitecourt CBXF *90.5. No longer in Industry Canada database.
SK Cole Bay CFBB 89.9—not in IC database.
NU Cambridge Bay CFYI 106.5, not in database
NU Iqaluit 89.9 station—not in IC database.

FMistakes—FM Atlas-18, FMedia!

AL Huntsville *89.1 is W209BL (not "W209BE"), June p. 2, col. 1.
AK Anchorage KNIK 105.1 previously on 105.7, which is not mentioned, June p. 2, col. 1. But the listing's correct on p. 5, col. 2.
AK Kenai 100.1 is KWHQ (not "KWRD"). KWRD is 100.7 Highland Village TX, June p. 2, col. 3.
AZ Clifton K220IL *91.9's previous frequency as K218CY, 91.5, not given, June p. 2, col. 1.
CA Crescent City (not "Crescent North") KHSR *91.9, June p. 2, col. 3. [p. 1, col. 2.
CA Red Bluff KRBH-LP is *107.7, not "1007.7," June/ CA Woodlake KUFW *90.5 Radio Campesina (not "Campesino") p. 188. [col. 1.
IA Boone 98.3 is KRKQ (not "KRGQ"), June p. 3/

MA Wareham W221AG 92.1 relays WKLB-FM 99.5 Lowell (not @WSSH), pp. 13, 145.
 MN Starbuck 97.3 is KRZY, not "KRVI," which is 95.1 Detroit Lake MN, June p. 4, col. 2.
 MO Cabool *89.9 KFFW's old calls, KVBD, not given, June p. 1, col. 2.
 NM Espanola 92.9 is KYBR (not "KYMR"), June p. 3, col. 1. KYMR is *91.7 Salem MO. [p. 184.
 NM Farmington KNMI *88.9 "Sonshine" misspelled/
 NM Placitas K220GM *91.9 has KLOV 89.3 Winchester OR (not KLWW 88.7 West Odessa TX). It is K207CW *89.3 Carlsbad NM that has KLWW, June p. 2, col. 1.
 NY Brooklyn-Queens pirate station was owned by Mr. Ibar (not "Kbar" Mohammed, and the frequency as given last month p. 4, col. 1 should have read 89.3, not 89.5. "That was the popular Guyanese Indian station 'WICR' in Richmond Hill Queens (see Nov. '99, p. 5, col. 2. and July 2000 p. 4, col. 1). I wonder if RBC will have more Guyanese programming to accommodate the new radio-station-less Guyanese-Hindu community. Or maybe Robert Mohammed will decide to put 'WICR' on an SCS! Although I heard a strong open carrier on 89.3, so maybe he'll be back on the main FM band," speculates an anonymous Eastern Seaboard reporter.
 NY Grand Island K207BG *89.3 has WCOU 89.3 Warsaw on it, not WFBF 89.9 Buffalo, June p. 2, col. 2. [4, col. 2.
 NY Mexico 103.9 is WVOA (not "WVOQ"), June p./
 OK Atoka KHKC 102.1 is 137 m (not 173 m) at 3000 h.v, d-a, June p. 2, col. 2.
 OK Sulphur KQRD *89.3 is 500 watts h.v; 38 m—power missing, June p. 2, col. 2.
 WY Casper K214D1 *90.7 is the station with KLOV 89.3 Winchester OR, not K207D1, which is 89.3 Kimball NE. See June p. 2, col. 1. [col. 1.
 PR (not "PA") Quebradillas WIDI 99.5, June p. 5./
 NF (not "NV") Hopedale LB C-JHL 89.9, p. 187 [col. 2.
 NB Moncton 96.9 is C-JXL (not "CIXL"), June p. 3./
 May p. 5, col. 2 said "Zenith has led the fm set file" (should be "field") for years."

"The June FMedia! looks much better than May, but I still think you should use your printer's 'presentation' mode all the time," N.L., Atlanta. Actually, it is always done in "presentation" mode; in May the print head needed cleaning, and I didn't want to delay the publication.

SCServices, 57, 67, 92 kHz

Symbols are as in the FM Atlas

AL Dothan WRWA *88.7 †(), reading "WRWA"
 AL Piedmont WJCK *88.3 †(), "WJCK88.3"
 AR Marshall KBCN-FM 104.3 †(), reading "KBCN"
 AR Paris KERX 96.3 †(), reading "KERX"
 CA Berkeley KPFA *94.1 †(), RBC (Rahit Broadcasting Corp.)
 CA Salinas KDON 102.5 †(), reading "KDON-FM"
 CT Hartford WDRG-FM 102.9†(), reading "DRG-FM"
 CT New Haven WPLR 99.1 reads "991PLR," and lists promos for upcoming programs on its †()
 DC Washington WAMU *88.5 no RDS, remove †() WPFW *89.3 †(), RBC
 WETA *90.9 remove †(), no RDS
 WHUR 96.3 lists "WHUR" and "SOFT R&B"
 WITH 99.5 no RDS, remove †()
 WWDC 101.1 no RDS, remove †()
 FL Melbourne WFIT *89.5 †()
 GA Jesup WLPT *88.3 †(), giving calls

IL Mount Vernon WMIX-FM 94.1 †(), "94 WMIX"
 IN Fort Wayne WBCL *90.3 †(), mentioning calls.
 IA Davenport WLLR-FM 103.7 †(), reading "WLLR"
 IA Des Moines KGGO 94.8 no SCS (had †M,R)
 LA Breaux Bridge KFTE 96.5 †(), reading "PLANET"
 LA New Orleans WBSN *89.1 reading "LIFESONG"
 LA Port Sulphur KKND 106.7 †(), "THE END"
 LA Tioga KLAH 103.5 †(), reading "LA 103.5"
 MD Annapolis WHFS 99.1 lists "99 1 HFS" and "ROCK" on its †()
 WFSI *107.9 no RDS, remove †() ["COUNTRY"
 MD Baltimore WPOC 93.1 reads "WPOC" and/ WRBS 95.1 remove †()
 WIYY 97.9 lists "WIYY" and "ROCK"
 WXYV 102.7 reads "B 102 7" and "ADLT HIT"
 WOCT 104.3 remove †(), no RDS. Main channel now "Baltimore 104.3" (from "The Colt").
 WWMX 106.5 reads "WWMX" and "ADLT HIT"
 MD Bethesda WMMJ 102.3 remove †()
 MD Glen Burnie WWIN-FM 95.9 lists "WWIN-FM" and "SOFT R&B"
 MD Hagerstown WETH *89.1 remove †()
 MD Takoma Park WGTS *91.9 reading "WGTS-FM" and "REL MUSIC"
 MD Westminster WZBA 100.7 and Baltimore W261CD 100.1 lists as "WZBA FM" and "ROCK"
 MA Boston WMJX 106.7 and MA Brookline WBOS 92.9 both list title and artist as well as call letters ("WBOS-FM"; "WMJX-FM")
 WTKK 96.9 "FM_TALK" on its †()
 MA Framingham WROR-FM 105.7's RDS shows the title, artist and date it was recorded. Primary listing is "WROR-FM" on the †() plus "Bear Country 95.3"
 MA Greenfield WPVQ 95.3 †(), reading "WPVQ-FM/
 MA Southbridge WAFX 100.1 †(), listing "THE FOX"
 MA Springfield WHYN-FM 93.1 lists a contest on its RDS as well as "MIX 93.1"
 MN Buhl WIRR *90.9 †(), giving calls
 MN Willmar KQIC 102.5 no SCS (had †M)
 MS Forest WQST-FM *92.5 †() reading "WQST"
 MO Clinton KLRQ 96.1 †(), giving calls
 MO New Madrid KTMO 106.5 †(), giving calls
 MO Ozark KCYO 92.9 †(), reading "MAGIC 92.9"
 MO Poplar Bluff KCLR 94.5 †(), reading "CLEAR 94"
 MO Springfield KTXR 101.5 no †M, 67. Now Springfield has only data services on 57 and 67 kHz.
 NH Laconia WLNH 98.3 discontinues †()
 NH Manchester WGIR-FM 101.1 reads "WGIR"
 NH Mount Washington WHOM 94.9's RDS says "WHOM" and "THANKS FOR LISTENING TO WLNH," referring to Laconia NH 98.3.
 NY Albany WAMC *90.3 its †() reads "YOU ARE LISTENING TO WAMC/NORTHEAST PUBLIC RADIO"
 NY Buffalo WYRK 106.5 †(), giving calls [-FM"
 NY Copenhagen WBDI 108.7 †(), reading "WBDI/
 NY Jeffersonville WDNB 102.1 †(), giving its calls
 NY New York WQXR 96.3 lists "96.3WQXR," and "THANKS FOR LISTENING TO 96.3 WQXR THE CLASSICAL STATION"
 WBAJ *99.5 adds RBC Radio (†(), Indian), 67 kHz. RBC remains on the 92 of WQXR 96.3, where it's been for 8-9 years. "We have a need for 5,000 SCA radios a month. Can you supply some at \$19 each?" R. Jageesar, Rahit Broadcasting Co., at 212-244-1140. WBAJ's is very clear audio, and the India programming is different from RBC's 92 kHz on WQXR.

WTJM 105.1 lists "THE HEART AND SOUL OF NEW YORK, WTJM NEW YORK." It decodes quickly, right after stereo comes in.
 WBSL 107.5's 67 kHz has Iranian in the clear. "Perhaps they quit the scrambled audio, or only certain programs are scrambled." WBSL's frequency was omitted last month p. 4, col. 1.
 NY Patchogue WBLI 106.1 †(), listing "106.1BLI"
 NY Rochester WYOR 100.5 †(), reading "MIX 100.5"
 NY Syracuse WMHR *102.9 †(), reading "WMHR"
 NY Wethersfield WNSA 107.7 †(), reading "WNSA-FM"
 NC Davidson WDAV *89.9 RDS reads "WDAV"
 OH Archbold WBCY *89.5 †(), reading "89.5 WBCL"
 OH Cincinnati WKRC 101.9 †(), reading "Q102"
 OH Columbus WSNY 94.7 †(), reading "SUNNY 95"
 OH Kettering WLQT 99.9 †(), giving calls
 OH Lima WIMT 102.1 †(), reading "T-102"
 OH Mansfield WYHT 105.3 †(), reading "Y-105"
 OH Marietta WMRT *88.3 †(), reading "WMRT88.3"
 OH Milford WKFS 107.1 †(), giving the name and artist of the song playing
 OH Mount Vernon WQIO 93.7 †(), giving its calls
 OH Wooster WQKT 104.5 †(), reading "WQKT-FM"
 OH Zanesville WHIZ-FM 102.5 †(), "WHTZ-FM"
 RI Providence WPRO-FM 92.3 "PRO-FM" [67]
 SC Gaffney WAGI 105.3 †(U. 92 (having moved from/ TX Huntsville KAXF *88.3 †(), reading "KAXF"
 TX Victoria KRNX 95.1 †()
 VT Burlington WEZF 92.9 †(), reading "WEZF"
 VA Arlington WAVA 105.1 reads "WAVA"
 VA Fredericksburg WFLS 93.3 †(), reading "93 WFLS" and "COUNTRY"
 WI Shell Lake WGMO 95.3, Spooner WPLT 106.3: Mike Oberg, new owner, wants to use one or both stations for remote broadcast audio on 92 kHz.
 ON Geraldton CBLG *89.1 †(), reading "CBLG"
 ON Kingston CBCK *107.5 †(), reading "CBCK-FM"
 ON Ottawa CBO *91.5 reading "CBO-FM"
 ON Peterborough CBCP *98.7 †(), with calls
 ON Thunder Bay CJSJ 94.3 †()
 ON Toronto CIBC-FM *90.3 †(), reading "CIBC-FM"
 CHFI 96.1 †(), reading "CHFI"
 "I'm making a deal with Meitoradio in Canada for SCMO. Not sure which Toronto station or if 67 or 92 kHz. Our attorneys are working on this," R.J., RBC Radio, who adds that SCMO radios are or were sold openly in the stores. He bought a 67-92 kHz radio plus main FM-AM for \$75 in a grocery store. When calling the company, he learned the model had been discontinued.

NonIDs, Not Just Slogans

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

AL Brundidge WTB-FM 94.7 Memories 94.7 (from "FM 94.7")
 AL Florence WFIX *91.3 91.3 The Fix [New Q]
 AL Gadsden WQEN 103.7 103.7 The Q (from "The/
 AL Meridianville WXQW 94.1 Oldies 94 (from "WXQ")
 AL Oxford WTJB *91.3 Truth Radio
 AR Bentonville KFAY-FM 96.3 The Rooster ["Kiss FM"]
 FL Port Charlotte WKFF 100.1 Kiss 100.1 (from/
 FL Stuart WZZR 92.7 Real Talk ZZR (from "92.7 ZZR")
 GA Macon WAYS 105.5 Oldies 105.5
 IL Ottawa WKRX 95.3 K 95.3 (from "FM 95")
 IN Ligonier WGSN 102.7 Cow Country

IA Clear Lake KLLK 103.7 103.7 The Fox
 KS Arkansas City (ar-KANS-as) KYQQ 106.5 Q 106.5 (from "Hot Country 106.5")
 KS Emporia KFFX 104.9 Mix 104.9 (from "K Fox 105," still r, but dropping the harder stuff). "Another great small-town station bites the dust."
 KY Jeffersontown WMJM 101.7 Jammin' Oldies 101 (from "Magic 101"). Note the corrected listing for 101.3 (not 101.7) *FM Atlas-18* p. 142).
 MN International Falls KXBR *91.9 91.9 The Edg (from "The Edge") [calls, no "Country 95.7"
 MN Morris KKOK 95.7 uses/ ["Pine Belt Country")
 MS Taylorsville WBBN 95.9 B 95 (from/
 NE Omaha KMXM 94.1 94.1 Max ["Kiss FM")
 NY Lakewood WKZA 106.9 106.9 Kiss FM (from/
 OR Albany KRKT-FM 99.9 Cricket Country 99.9
 OR Astoria KAST-FM 92.9 Cast 92.9 (from "FM 93")
 OR Depoe Bay KDEP 105.5 Power 105
 OR Lake Oswego-Portland KKJZ 106.7 uses calls, "Smooth Jazz KKJZ 106.7"
 OR Lincoln City-Newport KSND 95.1 K Sound 95.1
 OR North Bend-Coos Bay KOOS 94.9 Coos Country 95 (from "Koose 95")
 OR The Dalles KMCQ 104.5 104 The River (from "Q 104")
 PA Oil City WGYI 98.5 Froggy 98.5 and 100.3, with Meadville (see below, "Multi-City IDs")
 SC Mount Pleasant WRFQ 104.5 Q 104.5
 TX Tyler KTYL 93.1 Jammin' 93-1 (from "Jammin' Oldies 93.1")
 UT Bountiful KURR 99.5 Rock 99 (from "99 Rock")
 UT Cedar City KXBN 94.9 B 94.9
 UT Delta KMJR 95.7 Magic 96
 UT Ogden KBZN 97.9 97.9 The Breeze
 KBER 101.1 K Bear 101
 KKAT 101.9 Kat Country 101-9
 UT Provo KZHT 94.9 94-9 ZHT (from "B 94.9")
 UT Roy KUDD 107.9 Diana @ 107.9
 UT Salt Lake City KISN 97.1 Kissin' 97
 KSFI 100.3 FM 100, Continuous Soft Hits
 VA Falmouth WGFX 104.5 Thunder 104.5 (from "Thunder Country 104.5") ["K-103")
 WA Centralia KNMT 102.9 Country 102.9 (from/
 WA Long Beach KAQX 94.3 Q 94-3
 WA White Salmon KBNO *89.3 K-Bueno, with a Spanish gospel format for the Hood River OR market. It's on the air, an extension of Gospel Echo's translator project in eastern Oregon, Frank Furnish, founder. The main operation is from the World Radio Network with stations along the Texas-Mexican border, and an outreach of HCJB shortwave-FM radio, Quito ECUADOR. Furnish said local supporters raised about \$40,000 to start the station, and that many local churches contributed to the project. About 25 percent of Hood River's population is Hispanic, and there are many other area communities with a growing Spanish-speaking population. Hopes are to expand the Astoria *90.5 translator of a TX station to become a full Class A (see above, NM Las Cruces under "Formals").

BC Victoria CFEF 107.3 Extreme 107.3
 ON Kingston CIKR 105.7 K Rock
 ON Sudbury CJMX 105.3 Easy Rock (from "Mix 105")

Multi-City IDs In Use

OR Florence-Eugene KDUK-FM 104.7 adds Springfield (dropping Corvallis), "104.7 K-Duck."

Vandals Steal Equipment From FL AM Station

OR Gleneden Beach-Newport KSHL 97.5 adds Lincoln City, drops Toledo, uses calls, *97-5 K Shell KSHL."
 OR Salem KRSK 105.1 adds Portland
 PA Meadville WGYI 100.3 with Franklin (instead of with Erie), now "Froggy 98.5 and 100.3," with Oil City.

Selected AM Happenings

CA Redding KNRO 800 deleted by the FCC
 KAZT 1670 deleted at applicant's request
 DE Newark WNRK 1260 had oldies. Silent, and looking for land that's suitable for building a new tower.
 FL Lehigh Acres WWCL 1440, a Spanish-language station, reported that vandals stole all its broadcast equipment, smashed glass and tossed computers and other items on the floor. The equipment was at the transmitter in La Belle FL, and when on the air, WWCL claims to serve 100,000 listeners in south-west Florida.
 FL Plant City WFNS 910 back on, gospel talk.
 GA Atlanta WALR was silent for a while in mid-June. "Gone is the black gospel format, 'Glory 1340'." It was to have returned with a talk format and CBS news. There has not been a CBS radio outlet in Atlanta for years. The Imus morning show, dropped by WQXI 790 (formerly licensed to the Atlanta suburb of Buckhead), could re-surface on 1340 as well. Atlanta is thus left with black gospel outlets WAOK 1380 and WYZE 1460. *WGAU Athens and WGAA Cedar town are now daytime regulars with WALR silent," B.W., Decatur GA.
 KS Kansas City 1250 now KWSJ with regional Mexican. Had been KXTR with classical; KXTR for years was classical; on 96.5 from Kansas City MO. At last word, the classical format has moved to 1660 kHz in Kansas City MO.
 MA New Bedford WBSM 1420 fires controversial local talk show host Pat Desmarais. He made the mistake of speaking out in a newspaper article that made the front page of the Boston Herald, against a \$90 million Oceanarium. Desmarais attacked the high cost of the project and "exorbitant consulting fees received by former congressman Gerry Studts and others." He blamed his firing on a political vendetta led by New Bedford Mayor Fred Kalisz and city solicitor George Leontire. Leontire said the station makes its own decisions about who to hire and fire, with g.m. Gail LeBlanc was unavailable for comment.
 MA North Dartmouth WLAW 1270 deleted by FCC.
 MI Bay City WMAX 1440 had been silent, now religion
 MI Muskegon Heights WKBZ 1520 went silent Mar. 9 and has not returned. "After trying for all of 2000 to find a buyer, the bankrupt WLC Broadcasting Corp. leased the station in January, 2001 to the Disney Corp. to run 'Radio Disney' fulltime. However, on Mar. 9, the station's 31-year-old transmitter suffered total failure after experiencing major problems for several months. WLC Broadcasting has no money to fix the rig, and Disney won't pay either. So WLC has apparently abandoned WKBZ; the station's return to the air at this time is quite doubtful," P.B., Spring Lake MI.
 NY Riverhead WFTU *1570 goes jazz, noncommercial, now owned by Five Towns College. See last month p. 4, col. 3.
 NY Schenectady WGY 810 employs J. R. Gach as a talk host, but he may have gone over the line. "In

his latest offense, the often homophobic, sometimes racist Gach called a Utica whistle-blower a 10-letter word. . . on the air during the four o'clock hour." The station is owned by Clear Channel. Its v.p. Dennis Lamme said only that "He is being written up, reprimanded," but that Gach won't be suspended.

ND West Fargo KQJD 1550 deleted—returns its license to the FCC. Is now on 1660.
 OH Warren WHKW 1440 off air, but plans to return with a religious format by "mid-summer." Owned by Salem

Fmakings—Selected FCC and Industry Canada Applications

AL Tallahassee WQNR 99.9 4300 h,v; 119 m
 AZ Bagdad KBJU 103.1 4800 h,v; 226 m, d-a
 AZ Clifton KWRQ 102.1 4300 h,v; 690 m
 AZ Douglas KEAL 95.3 1650 h,v; 677 m, C2
 AZ Oro Valley KCMT 101.9 100000 h,v, C1
 AR Mena KENA-FM 102.1 12500 h,v; 143 m
 CA Arcata KHSU *90.5 459 m
 CA Lompoc KWSZ 105.1 420 h,v; 371 m
 CA McFarland KPSL 102.9 25000 h,v; 98 m
 CA Riverside KELT 92.7 280 h,v; 449 m
 CO Idaho Springs *88.3 100 watts h,v; 287 m, Clear Creek Radio, Inc.
 CO Loveland KTRR 102.5 17000 h,v; 234 m
 FL Madison WXHT 102.7 19000 h,v; 115 m
 FL Rock Harbor WKLG 102.1 70000 h,v; C1
 GA Macon WDEN-FM 99.1 100000 h,v; 185 m, no beam tilt
 GA Milan WMCB 104.9 31000 h,v; 190 m
 GA Quitman WSTI 105.3 25000 h,v; C3
 GA Sylvester WWSG 102.1 79 m, d-a
 ID Homedale KBNH 106.3 97750 h,v; 313 m
 IL Quincy WCOY 99.5 100000 h,v; 149 m, one-step C1
 IA Cedar Rapids KZIA 102.9 287 m
 IA Storm Lake KAYL-FM 101.7 5000 h,v, C2
 KY Bardstown WOKH 107.3 (from 96.7) 6000 h,v; 100 m
 KY Pikeville WDHR 93.1 22000 h,v; 231 m
 LA Baker WJNH 107.3 4300 h,v; 119 m
 LA Hammond WHMD 107.1 3230 h,v; 138 m
 LA Houma KCIL 107.5 29000 h,v, C2 downgrade
 LA Lake Charles KBIU 103.5 (from 103.7) 50000 h,v; 150 m, C2 downgrade
 ME Camden WMEP *90.5 2000 v, 371 m
 MA Nantucket *89.5 500 v, 38 m, Bcstg. For the Challenged, Inc.
 *89.5 78 w h, 500 w v, 36 m, N. Public Radio, Inc.
 MI Fife Lake WTCU 95.9 50000 h,v; C2
 MI Houghton WOLV 97.7 2400 h,v
 MI Maristee WVXM *97.7 2500 h,v; 157 m
 MI Marlette WMSQ *89.3 1000 h,v; 22 m
 MS Belzoni WBYP 9400 h,v; 162 m
 MS Jackson WDBT 95.5 340 m
 MO Columbia KWWC *90.5 1500 h,v; 263 m
 MT Red Lodge KMXE 99.3 13000 h,v; 363 m, C1
 NE Hastings *89.5 250 h,v; 63 m, Edl. Media Corp.
 NV Dayton (move from Incline Village) KTHX-FM 100.1 12200 h,v; 659 m, d-a, C1
 NV Wendover KDMK 102.3 50000 h,v; 600 m
 NM Roswell *89.1 100000 v, 24 m, Bcstg. For the Challenged, Inc.
 *89.1 2700 v, 100 m, Edl. Media Corp.
 NY Bay Shore WBZO 103.1 1550 h,v; 141 m, d-a
 NY Brooklyn WKRK *90.9 40 m

NY Montauk *88.7 2700 h.v.; 77 m, Montgomery NYC Bcstg.
 *88.7 2700 h.v.; 69 m, WPKN, Inc.
 NC Bath *90.1 13500 h.v.; 35 m, Ed'l. Information Corp.
 *90.1 7500 h.v.; 70 m, NC Public Bcst., Inc.
 NC Bayboro WRUP 97.9 14500 h.v.; 132 m, d-a
 NC Wilmington WDVV *89.7 1400 h.v.; 91 m
 OH Englewood WDKF 94.5 add d-a
 OK Pocola *88.1 22000 h.v.; 91 m, Bcstg/Challenged
 *88.1 26000 h.v.; 91 m, Ed'l. Media Corp.
 OR Burns *90.9 130 h.v.; 262 m, OR Public Bcsg.
 PA Duquesne (move from Charleroi) WOGI 98.3 3500
 h.v.; 134 m
 PA Erie WERG *90.5 (from 89.9), 114 m
 TN Dickson WQZQ 102.5 297 m
 TN Dresden WCDZ 95.1 25000 h.v.; 90 m, C3
 TN Savannah WKWX 93.5 25000 h.v.; C3
 TX Arlington KLTU 94.9 99000 h.v.; 508 m
 TX Fort Worth KTCU *88.7 10000 h.v.; 90 m, d-a, C3
 TX Haltom City KKMR 93.3 120 d-a (50000 h.v.)
 TX Mineral Wells *88.5 5800 h.v.; 76 m, TX Christ. U.
 TX Weatherford *88.5 6000 h.v.; 150 m, CSSI Non-profit Educational Broadcasting Corp.
 TX Wells (move from Woodville) KVLL-FM 94.7
 UT Roy KUDD 107.9 71000 h, 696 m
 VA Bridgewater WAMM-FM 105.1 add d-a
 VA Maplesville *90.1 25000 h.v.; 58 m, Bcstg. For the Challenged, Inc. [Ministries
 *90.1 ;1000 h.v.; 72 m, Miracle Temple of Faith/
 VA Vinton WZZI 101.5 700 h.v.; 290 m, d-a
 WA Aberdeen KAYO-FM 99.3 12000 h.v.; 650 m, d-a
 WA Spokane KDRK-FM 93.7 60000 h.v.; 739 m
 WY Laramie KKRR 96.7 3000 h.v.; 284 m, C3
 Nationwide—a total of 1660 low power FM station applications was filed during the June 11-15 window. Previous windows accounted for 1749, making a total (subject to updating) of 3409. To check on FM applications filed for the several states covered by Window 4, go to
 <<http://christiancommunityfm.com/scorecard.htm>>.
 BC Burnaby *90.9 450 h.v.; 207 m, Simon Fraser Campus Radio Society; it would be \$[tareo], but either this station or Vancouver (below) will have to find a new frequency.
 BC Vancouver 90.9 1200 h.v.; 567 m, d-a, \$, Gary Farmer on behalf of Aboriginal Voices Radio.

FM Rulemakings Proposed

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

OH Lebanon 96.5B (move from Hamilton), WYGY/
 SC Moncks Corner 92.5C (from Manning), WHLZ,
 July 30, Aug. 14
 TX Batesville 97.9A @ 12.9 km NE, Aug. 13, 28
 TX Benjamin 99.3C2 @ 4.4 km NE, Aug. 13, 28
 TX Comfort 106.1A, Aug. 20, Sept. 4
 TX Encinal 99.7A @ 10.9 km E., Sept. 4, 18
 TX George West 106.3A, Aug. 27, Sept. 11
 TX Goldthwaite 107.3A @ 14.4 km W, Sept. 4, 18
 TX Junction 107.3A @ 3.5 km SE, Aug. 13, 28
 TX Mason 97.7C3 and 101.7C3, Aug. 13, 28
 TX Paducah 107.1C3 @ .4 km NW, Sept. 4, 18
 TX Pearsall 93.3A @ 12 km W, July 30, Aug. 14
 TX Savoy 107.3A @ 13.4 km N, Sept. 4, 18
 TX Snyder 95.3C3 @ 17.2 km W., Aug. 27, Sept. 11
 TX Tilden 96.9C3 @ 4.6km NE, Sept. 4, 18
 TX Woodson 107.5A @ 1.9 km SW, Sept. 9, 18

FM Rulemakings Finalized

Filing periods delayed pending announcement of auctions

AZ Dolan Springs 92.7C (from Kingman 92.7C1 and before that 105.9C1), KRCY
 AZ Quartzsite 102.9C3, instead of 107.3C3 as originally requested by McMailen Valley Bcstrs.
 CT North Canaan *103.3A
 CT Sharon 102.5A for 103.3A, WQQQ
 IL Abingdon 98.3A @ 12.3 km SE
 IL Canton 103.3A for vacant 98.3A, with Abingdon
 IL Macon 100.9A (from Pana) WEGY
 IL Pana 94.3A (from Taylorville), WMKR
 LA Bordeloville 103.9A
 NM Alamo Community *107.5
 NM Deming (move from Lordsburg)—denied move from Lordsburg. Runnels Broadcasting showed no continued interest in the change.
 NY Corinth 107.1A (from Hudson Falls), WFFG-FM
 NY Rhinebeck 102.5A
 NY Scotia 93.7A (from Corinth 93.5A), WHTR
 NC Indian Trail (from Albermarle) 100.9A, WABZ @ 10.9 km NE. This will eliminate a grandfathered short-spacing for WABZ.
 PA Burgettstown 103.5B (from Steubenville OH), WOGH
 VT West Rutland 107.5A for C3, WRUT (CP), to enable WHTT 107.5C1 Lewiston ME to increase to 100 kw. Brian Dodge, one-time permittee of WRUT, objected, but the FCC ruled in WHTT's favor.
 WY Story 98.1C1 (from Thermopolis 98.3C2), KHWC

FM As It Was—Or Might Have Been: How Big is the Fm Audience?

From the April 8, 1957 article, entitled, "How Bright a Future for FM?" by J. Frank Beatty in *Broadcasting-Telecasting* magazine, we read:

Several leading research organizations have made local estimates of local fm circulation and one has a national figure. Advertising Research Foundation, financed cooperatively by advertisers, agencies and media, made a study in May 1954 showing that 9,390,000 radio sets in the U.S. can receive the signals of fm stations. The research was done for ARF by Alfred Politz Research, Inc. This is the highest of all estimates. ARF data are deemed

impartial. Many local surveys have been made in the last two years. Audience Analysts, Philadelphia, found that 38% of all households in Philadelphia have fm radios.

Los Angeles is the fm capital of the nation, judging by a careful look at the market by B-T. One station claims 3 million fm listeners in its wide coverage area. Pulse, in Jan. 1957, found a 10% increase in fm saturation since March 1955, or an fm saturation of 48%. Sixty percent of fm homes use their sets during the week, or 1.8 hours a day, compared to 1.3 hours of am usage for am homes, according to the survey.

Commercial Station WFMT 98.7 Chicago Has Pledge Drive

WFMT is a unique station, operating commercially with a nonprofit license. As such, it seeks supplementary funds from listeners three times a year. In the most recent fund drive, the classical station garnered 4200 new members and \$326,000, which is three times the previous record. Much of this success had to do with timing. WNIB gave up classical, as it was sold to Bonneville and become "97.1 The Drive."

The station earns 30 percent of its funding from members and the rest from advertising—but only from commercials read live by the announcers on duty. It is allowed to carry NPR's *Performance Today*, only because no nearby public station wants the program, according to *Current* newspaper.

Small-Print Happenings and FM Industry News

July 19 came and went as the date for noncommercial, educational stations to finalize settlement agreements. The FCC was quite generous, allowing for a limited time applicants to pay whatever amount they wanted to get a competing applicant to withdraw. That is similar to what has been permitted in commercial FM. But where public and commercial radio do come together, might the twain not mix? That issue presents itself in the area of commercial radio auctions. What happens when a noncommercial station applies along with commercial applicants? The Washington DC Circuit Court of Appeals ruled that Congress in "plain language" exempted public broadcasters from participating in auctions. And public entities are claiming to be running out of space in the 87.9-91.9 part of the band reserved for education. The court might cause publiccasters to stake claims on frequencies prized by their commercial brethren. *M Street Journal* wonders if the FCC would run an auction for commercial applicants but something else for publiccasters? Or throw the whole process out? The next FM auction is slated for late this year, after undergoing previous delays.

Until August, when more of our usual features return, *Bruce F. Elving*

THE FM RADIO NEWSLETTER For the broadcaster and the en- lightened media consumer

Vol. 15, No. 8—August, 2001 "Publishing Estate," 241 Anderson Road
Esko MN 55733-9413, USA; <http://members.aol.com/fmatlas/home.html>

A newsletter of fact and opinion about FM radio and related technologies—from the publisher of the *FM Atlas*.

Published monthly (although when the annual *FM Atlas* is being prepared there may be no issue). Subscription price \$75.00 annually, single copies \$6.50. ISSN 0890-6718. Phoning? (218) 879-7676. FAX: (218) 879-8333. Copyright © 2001, FM Atlas. E-mail: FmAtlas@aol.com.

New FM Stations, Translators, Boosters, Low Power FM Stations Granted

Translators have less than 100 watts unless shown otherwise; technical parameters for most LPFM stations are not announced, but can be up to 100 watts at 30 meters above average terrain (horizontal, vertical, or both h & v)

- AK Delta Junction *95.5 Delta-Greely School District, LPFM
CA Oroville K216FN *91.1 (KCZO 92.1 Carrizo Springs TX translator), h.v. A petition to deny was denied by the FCC.
CA Tracy *90.7 KYKL 210 h,v; 532 m, d-a, with 18% power 290-320*; 100% power 40-70*. Grant to Educational Media Foundation, despite a petition to deny by "University of the Pacific."
CO West Glenwood (Springs) KRVG-1 95.5 500 watts v[ertical] only, d-a (directional antenna), with 100% power at 160°—booster of Glenwood Springs station.
IN Plymouth *105.7 Menominee Radio Corp., LPFM
LA Lafayette *92.7 M&M Community Development, *
MI Manistee *104.3, M. United Meth. Church, LPFM
MI Temperance *107.9, Bedford Public Schools, *
MN Alexandria *98.5, Caravan Bcstg. Assn., LPFM
MN Mankato K296ER *107.1 (KJLY 104.5 Blue Earth), 250 h,v. This and K250AC *97.7 St. Peter had excellent coverage toward Shakopee MN.
MN Spicer *95.9, Hope Presbyterian Church, LPFM
MO Dixon (with transmitter N. Waynesville) 92.1 6000 h,v; 100 m, American Bcstg. Financial Corp.
NV Henderson KBYE-1 105.7 78 watts h,v; booster of Dotan Springs AZ station, which had been silent as it moved from 102.7 Bullhead City AZ. Now testing with its new facilities. [Corp.]
NH Jackson 99.5 1800 h,v; 128 m, Jackson Radio/
NH Meredith *107.9 Lakes Region Conservation Trust, LPFM.
OK Altus KOCU *90.1 1000 h,v; 27 m, Cameron University. See also "Deletions." (Network, LPFM)
OK Bartlesville *101.9 Bartlesville Citizenship/
OR Burns *90.9 130 watts h,v; 262 m, d-a, Oregon Public Broadcasting (see also "Deletions," below).
OR Redmond *88.5 250 h,v; 667 m, d-a, with 47% at 320-330*, State Board of Higher Education for the University of Oregon. See "Deletions."
TX Mason 95.7 50000 h,v; 133 m, BK Radio.
TX Odessa K206DC *89.1 (KAWZ 89.9 Twin Falls ID), v. Had held a CP for 89.3 as K207BC with h.

- TX Wichita Falls *88.7 5 watts h, 3000 v, 77 m, Cameron University and owner of KCCU *89.3 Lawton OK, in a settlement agreement. K204CB *88.7 Wichita Falls has a CP to move to 88.3 (see below, "Facilities").
UT Lehi KFVR-2 103.9 57 watts v, d-a, with 100% at 30°, booster of Nephi station. [of Nephi station].
UT Provo KFVR-1 103.9 4250 watts v, d-a, booster/
VA Washington *97.7 Rappahannock Assn. for the Arts & Community, LPFM [LPFM
VA Williamsburg *102.5, Christian Life Center, /
WY Douglas *105.1 D. Baptist Church, LPFM
BC Hagensborg VF2287 92.7 13 watts h, 50 m, d-a, relay of CFMI 101.1 New Westminster
VF2288 94.1 13 h, 50 m, d-a, relaying CKLB 101.9 Yellowknife NT [d-a, CFMI relayer
BC Tofino VF2380 104.7 5 watts h, 40 m, / [relayer
BC Uclelet VF2381 104.9 10 watts v, 15 m, CFMI/
MB Long Plain First Nation (49-51-24; 98-27-58)
VF2382 101.7 38 watts v, 30 m, CINC 96.3 Thompson relayer.
NF Carol Lake Mine Site LB (just north or NE of Labrador City LB) VF2289 94.1, VF2290 95.5, VF2291 102.1, VF2292 105.5, all 5 watts v, 6 m, d-a, owned by Barry Hiller, Iron Ore Co. of Canada, Box 1000 Labrador City LB. Stations relayed not known.
ON London CFCG 107.7 780 h,v; 100 m, \$, temporary station for events and weather for 2001 Canada Summer Games. Had a 10-minute tape loop with music and French and English talk. It came in poorly, implying much lower power than listed. Not to be in the *FM Atlas*.
ON Parry Island (just south of Parry Sound) CHRZ 91.3 60 watts v, -1 m, Wasauksing Communications Group.
SK Waskesiu Lake (53-54-53; 106-04-16) CFMM-1 92.1 58 watts h,v; 26 m, \$[tereo], relayer of -Prince Albert 99.1.

Call Letters Assigned

- AL Sylacauga 98.3 WTRB-FM (from WAWV); AM is in Ripley TN.
AK Fairbanks 96.9 KYSC
AZ Flagstaff *91.7 KPUB (KNAQ), nc format.
AZ Prescott *89.3 KNAQ (KPUB), nc. "We switched call letters so there would be less confusion in Flagstaff with our KNAU" 88.7.
CA Calistoga 100.9 KXTS (KGRP), S, I, "Exitos 100.9."

- CA Delano 98.5 KDFO-FM (KDFO), "The Fox." AM is in Bakersfield.
CA Dos Palos *102.5 KDPT-LP
CA June Lake *90.9 KWTM (KIHS)
CA Kerman 94.3 KOKO-FM (KKPW). AM is in Warrensburg MO. Format sr and so, "Killer Oldies 94."
CA King City 93.9 KHDV (KZSL)
CA Lemoore *91.3 KGAR-LP
CA Los Angeles 92.3 KHHT (KCMG), sr, "Hot 92.3." Expects to have a larger audience



- for this format than KCMG had for its format.
CA Salinas 97.9 KEBV (KLXM, and briefly after that KHMZ) [(KISK), "Star 107.1
CA Shasta Lake City 107.1 KESR/ ["Mix 96"
CA Shingletown 96.1 KKXS (KBHX), k, still/
CA Soledad 106.3 KMJV (KHNZ)
CA Temecula 103.3 KGBB (KFXM), rp, parallel to KGB 101.5 San Diego.
CO Julesburg 96.5 KKAS (KEGK)
FL Clewiston *88.5 WJCB
FL Key Largo *90.9 WGES
GA Carrollton 92.1 WBTR-FM* (WBTR-FM; AM has new calls.
GA Frogtown (located NE Dahlonaga, W. Cleveland near the former town of Porter Springs) *100.5 WFNG-LP
GA Mableton 102.5 WAMJ (WAVE). Radio One is about to lease this station, which has never been on the air, for \$30,000 a month from Mableton Investment Group. Its format is still being developed, as is the format of WPEZ 107.9 Macon, which Radio One has acquired. It also owns WHTA 97.5 Fayetteville and WJZZ 107.5 Roswell GA. WJZZ is looking for an announcer. Tape and resumes to 75 Piedmont Ave., Atlanta GA 30303, attention Program Director for WJZZ.
ID Coeur d'Alene 102.3 KICR (KBIH)
ID McCall 106.7 KSXZ

IL Eureka *103.1 WEUR-LP
 IL Fairbury *95.1 WJHV-LP
 IL Galesburg *95.7 WVCL-LP
 IL Lexington 99.5 WDQZ (WCOS), o, classic hits, parallel to WDQX 102.3 Morton.
 IL Macomb *106.3 WTND-LP (not to be on 100.3, as given last month p. 1, col. 1)
 IN Mitchell *88.1 WMBL [out east]
 IN Valparaiso *98.3 KVLP-LP (note "K" call/
 KS Herington 105.7 KJRL (KDMM-FM). Has been off the air, but to return soon with a gr format under ownership of Great Plains Christian Radio.
 KS St. Marys *98.3 KSMK-LP
 KS Thayer *100.5 KTHA-LP
 KY Lerose *88.3 WOCS (WSPE)
 KY Stanford 96.1 WXKY-FM (WRSL-FM)
 MI Hancock 93.5 WKMJ-FM (WMPL-FM), r, hot AC, \$[tereo] resumed, "Mix 93.5." WKMJ (TV) is in Louisville KY.
 MI Pinconning *104.1 WSAG
 MN Lake City 94.9 KLCH
 MN Sherburn *92.3 KSMP-LP
 MS Clarksdale 101.5 WSAB (WWUN-FM)
 MS Houston *103.7 WGWT-LP [The Bridge"
 MO Warrensburg *90.9 KTBG (KCMW-FM),/
 MT Cascade 104.9 KIKF
 MT Great Falls 107.3 KINX
 NE Aurora 97.3 KRGY (KLRB), co-owned with KRGI-FM 96.5 Grand Island NE.
 NV Pahrump 95.1 KNYE, to -28 m (6000 h,v)
 NV Sun Valley KWYL (KGVN), format to rs, "Wild 93.7," after a period of stunting.
 NV Wendover 102.3 KOAS (KDMK), facilities to 3000 h,v; 8 m, downgrading to Class A.
 NH Center Conway *106.5 WVRM-LP
 NY Southampton 92.9 WCOS.
 NC Manteo *88.9 WUND-FM; WUND (TV) is in Columbia NC. [cial operation, to be g.
 NC Norlina *94.3 WJIJ (WBDS), noncomer-/
 ND Harwood 100.7 KGBZ (KRKH), is \$[tereo], o, "80s and beyond," ID with Fargo-Moorhead MN. Its call letters and city of license concealed in a fast-talking produced break at the top of the hour.
 OH Cleveland 95.5 WFHM-FM (WFHM); AM is 1440 Warren OH, and the AM is dual IDing with WHKC 1220 Cleveland. FM now *95.5 The Fish." [B 107.9"
 OH Delaware 107.9 WODB (WXST), still o,/
 OH North Kingsville 107.5 WFXJ-FM (WCUZ) [has new calls)
 OR Portland 98.7 KUPL-FM (KUPL; AM/ 101.1 KUFO-FM (KUFO) [-FM")
 PA Palmyra 92.1 WWKL (WNCE/ [Mix 95.7"
 PA Philadelphia 95.7 WMWX (WEJM), still/
 PA Uniontown 99.3 WPKL (WPQR-FM")
 SD Flandreau-Sioux Falls 107.9 KKHG (KSOB-FM"), k, "The Hog.." It's the market's third country FM, plus there's an AM with that format. [Lake"
 TN Livingston 95.9 WLQK (WUSV), m, "The/

TX Beaumont-Houston 107.9 KQQK (KXTJ), S, kl, Tejano [Texas 106"
 TX Centerville 105.9 KTCJ (KUZN), still/
 TX Galveston 106.5 KOVE-FM (KQQK, and briefly after that, "KQBU-FM"), S, I, parallel to KOVE-FM 93.3 Port Arthur. Now "K Love 106.5." KOVE AM's in Lander WY.
 TX Port Arthur 93.3 KQBU (KOVE-FM), "Que Buena 93.3"
 UT Smithfield 103.9 KBET (KGNT)
 VA Alberta 103.1 WSMY-FM (WAQD); AM is in Weldon NC. Format sg, ABC's Rejoice service. But "we pulled the station off the air. It was on only a few days. I don't know why it was taken off the air, and I don't know if it was stereo. We plan to return to the air."
 VA Crozet 102.1 WFFX-FM (WVAO), op, "Fox 102.3," with John Boy & Billy in a.m. drive. WFFX AM is in Meridian MS. [Hot 99.3"
 VA Petersburg 99.3 WRHH (WPZE-FM"), still/
 WV Bethlehem-Wheeling 105.5 WVKF (WZNV-FM), "105-5 Kiss FM," with Clear Channel matching call letters with its slogan.
 WI Marshall *90.3 WJWD, which "will have a good signal into Madison."
 WY Buffalo *99.5 KSLW-LP
 WY Jackson *97.7 KJHB-LP
 BC Dawson Creek 95.1 CHRX-1 [Zone"
 BC Victoria 91.3 CJZN (CKXM), still "The/
 PQ Havre St-Pierre *92.5 CBSI-7; facilities to 129 m, d-a (25300 watts) h only.
 PQ Murdochville 103.1 assumed to be CJMC-3, taking the calls of former 92.9 station (see "De- letions," below). Is \$[tereo].
 PQ Val d'Or 92.5 CHUT-1; is \$[tereo].
 SK North Battleford 97.9 CJCQ. Heard testing with various CDs. "Apparently in Canada it's legal to sell advertising during program tests—the tests 'sponsored' by various advertisers. CDs are of a wide variety of musical styles; don't know what format to expect when programming starts."

Facilities Changes Granted
 AL Greensboro WOGM 99.1 3200 (watts) h,v (horizontal and vertical effective radiated powers); 190 m[eters] above average terrain.
 AL Ozark WOAB 104.9 6000 h,v (82 m)
 AZ Benson KAVV 97.7 91 m (6000 h,v), d-a, with 52% power 140-150°
 AZ Clifton KWRQ 102.1 4300 h,v; 690 m
 AZ Groom Creek K263AH *100.5 (before that K260AG 99.9 and even before that it was K258AL 99.5), h,v; transmitter E. of Prescott.
 AZ Guadalupe K216FO *91.1 (from K215CZ 90.9), h,v
 AZ Lake Havasu City K296CH 107.1 to 100 watts h,v; adding v[ertical]
 AR Mena KENA-FM 102.1 12500 h,v; 143 m
 CA Beaumont (move from Desert Hot Springs) K215BA *90.9, to h,v (adding v)
 CA Hayward KKIQ-1 101.7 85 watts h,v; d-a

CA Madera (move from Shingle Springs) KCCL 101.9
 CA San Diego KTXV 96.5 26500 h,v; 209 m
 CA San Rafael KSFB 100.7 6000 h,v; 100 m, but the previous 600 h,v; 360 m, exceeded the FCC coverage parameters for a Class A. I e-mailed the FCC about this and Dale Bickel said the latter was for an auxiliary facility that "expired two years ago. . . I'm going to archive the record so that it will no longer show as active." [a Class A.
 CA Seaside KTEE 103.9 1500 h,v; 199 m, still/
 CA Shafter KSMJ 106.7 (moving from 97.7) 6000 h,v; 100 m [from K201CG 88.1), v
 CA Talmage/Ukiah K204ER *88.7 (back to, /
 CO Avon KZYR 97.7 (from 103.1) 134 m (15000 h,v). Watch for KSPN 97.7 Aspen to move to 103.1. [h,v—adding h
 CO Dillon K218DM *91.5 (from K215BZ 90.9), /
 DE Rehoboth Beach WGMD 92.7 4500 h,v; 94 m[eters above average terrain].
 FL Clermont WLAZ *88.7 changes to all v. It's not "WEAZ," as shown last month p. 3, col. 1.
 FL Crystal Beach WHGN *91.9 41000 h,v; 147 m, d-a, with 29% 150-160°
 FL Fort Pierce W263AH *100.5 to h,v; adding v
 FL Orlando WSHE 100.3 457 m (100000 h,v), dropping beam tilt. [W201CS 88.1), h,v
 FL Panama City W203BJ *88.5 (from/
 GA Bowdon WYAI 105.3 (moving from 105.5) 61000 h,v; 367 m [h,v; 150 m
 GA Chauncey WQIL 101.3 50000/ [al antenna)
 GA Sylvester WWSG 102.1 d-a (direction- / [C1
 ID Sun Valley KECH 95.3 16000 h,v; 582 m, /
 IL Chicago WKQX 101.1 5700 h,v; 425 m
 IL Lena (new) 102.1 5200 h,v; 107 m
 IA Dubuque K269EK *101.7 (from K266AD 101.1), 220 h,v. Moving because of the new 101.1 in Dickeyville WI.
 KS Great Bend K217EN *91.3 (from K220GG 91.9), h,v. Not deleted. Has KLOV *89.3 Winchester OR.
 KY Beattyville WLJC 102.1 1500 h,v; 200 m
 KY Hazard WEKH *90.9 35000 h,v; 325 m
 LA Bunkie KEZP 104.3 39000 h,v; 113 m, C2
 LA Moss Bluff (move from Lake Charles) KZWA 104.9 (from 105.3) 25000 h,v; 100 m, C3 downgrade
 MI Beulah WOUF 92.1 50000 h,v; 150 m, C2
 MI Detroit WDVD 96.3 18000 h,v; 233 m
 MI Gladstone WGKL 105.5 10000 h,v (115 m), Class C3.
 MI Mount Pleasant WMHW *91.5 13000 v, 140 m, d-a, C3, with 24% power at 150-170°
 MN Alexandria (move from Sauk Centre) KMSR 94.3 1000 h,v; 245 m
 MS Brandon WRJH 97.7 94 m (6000 h,v)
 MS Tchula WNGN 106.3 7100 h,v; 152 m [h,v)
 MO Kansas City KSRC 102.1 341 m (100000/
 MO Rogersville K204DT *88.7 reduces power to 120 v[ertical])

- MT Butte K219KM *91.7 (from K220GY 91.9), h,v
- MT Colstrip KMCJ 99.5 100000 h,v; 244 m, C1
- MT Red Lodge KMXE 99.1 14000 h,v; 349 m
- NE Blair (new) 97.3 92 m, d-a (25000 h,v), with 60% power 80-90°
- NE Omaha KVSS *88.9 100 watts h, 2750 v, 101 m, d-a, with 43% 200-210° [CY 88.5], h
- NM Alamogordo K265AI *100.9 (from K203-/
- NM Las Cruces K207CJ *89.3—the FCC says it is moving to 89.5 as K208EJ, but I dispute this, because of the new KMBN *89.9 there, which the FCC shows as licensed. I have asked the FCC about this.
- NY Conklin WKGB 92.5 1450 h,v; 206 m
- NC Biltmore Forest 96.5—Liberty Broadcasting or WZLS CP to upgrade to 1850 h,v; 357 m, d-a, with 78% power at 200° (one-step C3).
- NC Lenoir W218BW *91.5 (from W217AL 91.3), v
- NC Norlina (new) *90.5 23000 h,v; 91 m, d-a, with 18 percent power at 240° [90.3], h,v
- OR Coos Bay K210DM *89.9 (from K212FG/
- OR Glide K205DM *88.9 to h,v; adding h
- OR Gresham K274AM *102.7 (from K273AB 102.5), h,v
- OR Hillsboro (move from Portland, despite FCC's listing that still places it in Portland where it cannot be heard) K225AI *92.9. Primary changed to KLVP-FM 88.7 Cherryville (from KLVU 107.1 Sweet Home).
- OR La Grande K203DX *88.5 (from K202CF 88.3), 120 v [at its present site
- OR Molalla (move from Salem) KRSK 105.1, /
- OR Portland K242AF *96.3 with KLVP-FM 88.7 Cherryville (from KLVU 107.1 Sweet Home), and mentions the Hillsboro translator in its ID.
- OR Roseburg K201AI *88.1 200 h, less than 100 v—takes big FMap size, *FM Atlas*.
- K203BE *88.5 apparently to relay KEAR 106.9 San Francisco CA (from KLCC 89.7 Eugene, with ownership being transferred to Family Stations, Inc.). Family Radio programming is already heard there through K201AI (see above), a relay of KQFE 88.9 Springfield OR, so I assume K203BE will take the KEAR feed, as do other translators in that part of Oregon.
- SC Mauldin (move from Greenwood) WPEK 96.7 700 h,v; 294 m, d-a, with 36% power at 340°. Its transmitter will be just north of Greenville—a major move-in.
- TX Cedar Park (move from Killeen and invading the Austin market; transmitter ESE Bertram TX) 93.3 KXMG (KLNC), sr, "Mega 93.3."
- TX Crystal Beach (move from Galveston) KLTO 105.3 (from 104.9) 6000 h,v; 55 m
- TX Dallas KRBV 100.3 55 m (100000 h,v), getting rid of beam tilt.
- TX Gatesville KASZ 98.3 180 watts h,v; 86 m, no d-a [10500 h,v; 148 m
- TX Graham KWKQ 94.7 (moving from 107.1)
- TX Highland Village KWRD-FM 100.7 600 m (100000 h,v) [98.9 123 m (40000 h,v)
- TX Leander (moving from Lampasas) KHHL/
- TX Missouri City (move from Rosenberg) KOVA 104.9 [at 310°
- TX Overton KPXI 100.7 d-a, with 49% power/
- TX Wichita Falls K202DR *88.3 (from K204CB 88.7), 250 h,v. See "New," above.
- UT Richfield KLGL 97.5 56100 h,v; 717 m
- UT Salt Lake City KUDD-1 107.9 210 h,v
- VA Buena Vista WREL-FM 96.7 2000 h,v; 346 m, no d-a, B1 upgrade
- WA Ariel K220HS *91.9 to h,v; adding h
- WA Longview K283AI *104.5 (from K280BN 103.9), h,v [(350 m), facilities as it had before
- WA Richland KFAE *89.1 100000 h, 67000 v/
- WY Casper KMLD 96.7 (from 97.3) 2850 h,v; 540 m, "Melody 97," C2.
- WY Laramie KKRR 96.7 6500 h,v (264 m), C2
- WY Midwest KRVK 107.9 (back to, from 107.7) 100000 h,v; 594 m, "107.9 The River"
- WY Pine Bluffs KASX 105.3 400 h,v; 48 m
- PR Bayamon WCOM 94.7 31000 h,v; 360 m
- PR San Juan WZNT 93.7 32000 h,v; 542 m
- AB Barff CHRK-1 94.3 200 h,v; 320 m (d-a)
- SK Caronport CJOS 92.7 is 5 watts v (22 m) normally, but is 48 v only when they broadcast the March for Jesus (list as 5 w v)
- SK Yorkton CFGW 94.1 175 m (100000 h,v), "94.1 the Fox"

Stereo—Or to be \$[tereo]

AZ Tucson KHYT 107.5, still o, classic hits. Adds Bob & Tom. Uses call letters, "Tucson's Classic Rock KHYT" (from "K-Hit").

AR Fouke (having moved from Stamps) KLMZ 104.3, m, "Z 104-3," ID with Texarkana. LMA with KOWS 103.9 Ashdown, KEWL-FM 95.1 New Boston TX-AMs.

CA Santa Ynez KRAZ 105.9, k, Westwood One. "Crazy Country" (not strict). IDs on the hour only as "Santa Yahnesch."

CA Weaverville KHRD 1031, r, "Red 103.1"

CO Telluride KRYD 104.9, k[ountry] format in

GA Cuthbert WMRZ 100.7, m, adult standards, ID with Eufaula (AL)-Columbus. Owned by Jim Popwell, who's been in radio 50 years. "All my [FM] stations are stereo! I won't retire until I'm 6 feet under!"

GA Montezuma WEGF 95.1, r (today's hits/ CHR), "but I'm selling it. Where did you read that I'm getting \$4 million for the station?" Popwell is selling the station to U.S. Broadcasting. U.S. Broadcasting sold WPEZ 107.9 Macon for \$56 million to Radio One, as an Atlanta move-in. ["Wish 98"

IL Galatia (ga-lay-sha) WISH-FM 98.9, /

LA Gibsland KBEF 104.5, gr, Salem, owned by KASO (AM) Minden LA. IDs with Shreveport-Minden. "We sold 95.7 Minden about 7 years ago" (now KLKL).

MI Lakeview WSCG-FM 106.3

MI Traverse City WICA *91.5 tf, talk and news plus "A Prairie Home Companion" and some other music programs in true stereo.

MO Booneville KWRT-FM 93.1

MT Baker KJJM 100.5, op, "The Rock"

MT Dutton KWVR 97.9, m, "97-9 The River," ID with Great Falls-Fort Benton

NE Ralston KMLV *88.1, gr, ID with Omaha-Council Bluffs (IA), "K Love"

NV Mesquite KVEG 97.5, sr, "Hot 97.5" (not strict). ID with Las Vegas, saying something like "this is KVEG broadcasting from Mesquite to Las Vegas, Henderson. . ." This "is our first station, but we're looking around for more."

NM Fruitland KTGW *91.7—heard with religion

NM Raton KBKZ 96.5, k, Westwood One, "Coyote Country 96.5," owned with KCRT-FM 92.5

Trinidad CO. "KGOY [Raton] 97.7 only has about two weeks to come on the air, or they will lose their CP!"

NM Reserve KNMA 104.5, k

NY Lakewood WKZA 106.9. "I heard this station via a morning temperature inversion while I was staying in Buffalo NY."

OH Canton WKDD 98.1

OK Alva KTTL 105.7, m, with a strong signal in Enid. "Light rock, less talk, KTTL." It's "finally on, after many years of holding the CP."

OR Scappoose KJUN 104.1, gr, "The Fish," ID with Portland. LMA-to-buy with Salem's KPDQ-FM 93.7-AM. Expected on Sept. 3, with testing going on in August. Wants to change calls to KFIS, but 100.1 Soda Springs ID must first change. Is a Class C3, but a power increase to C2 is hoped for, according to operations director Andy West.

WA Moses Lake KMLW *88.3. "We confirmed the stereo separation with our ears."

WI Cornell WDRK 99.9, o, ID with Chippewa Falls-Eau Claire. Uses calls, "99.9 WDRK, the '80s and more."

WY Albin KKAU 107.3, k, relaying KUAD 99.1 Windsor CO. "They program together, and I think the IDs are the same."

AB Lloydminster CKUA-FM 15 97.5. "Heard with classical music parallel to CKUA 580 AM Edmonton."

AB Moose Hills VF2368 96.7

BC Abbotsford CFSR 107.1

NS Preston CHCN 106.9

SK Carrot River VF2212 101.1

Monophonic

WI New Richmond WIXK-FM 107.1, temporarily mono. Was off for most of a weekend recently. Has a CP to move to the Shoreview MN antenna farm, and to be re-licensed to Coon Rapids MN.

Format Changes

Formats are the same as in the FM Atlas

AL Talladega WSSY-FM 97.5 o, "Star 97-5" (from "Sunny 97"), correcting July p. 4, col. 1.

AK Anchorage KFAT 92.9 still rs, adding The Man, one of the first affiliates for Rob Tepper's show from KUBE 93.3 Seattle.

AZ Clifton KWRQ 102.1 m, "Sunny 102." ID with Safford (no longer with Morenci).

AZ Dolan Springs KBYE 105.7 j, smooth, "105.7 the Oasis," and serving Las Vegas. Calls expected to change to KOAS.

AR Beebe KBGR 101.5 k, "Big Country 101.5."

CA Beaumont KAEB 100.9 S, I, "La Maquina Musical," now commercial. [been stunting.]

CA Ocean Cove-Visalia-Fresno KMAK 100.3 has/ CA Shafter-Bakersfield KCOO 104.3 o, "Kool 104.3" (back to, from "Jammin' Oldies")

DC Washington WAMU *88.5 still nj, with weekday afternoon bluegrass shoved aside. Some remains on weekends, but monophonic news is filling more hours of the schedule, with "The World" at 3, and two hours of All Things Considered at 4. Spokeswoman Chris Naylor said the 3 p.m. bluegrass show stuck out like a "sore banjo string," and caused the loss of 90 percent of the station's audience in mid-day. Yet it was this music which helped establish WAMU. The demographics of the market saw the arrival in the '50s of working-class Appalachians, hit hard by an ailing mining industry, and looking for work. They found their music on WAMU, which had been the only source for that type of music locally. Bluegrass fans are calling for a boycott, complaining to Congress about WAMU's overlap with WETA (90.9), and they are considering a class-action lawsuit, according to attorney Kevin Appel, who has launched the Coalition to Save Bluegrass on WAMU. "WAMU has been a national treasure. Now they're telling us [bluegrass fans], 'We don't care for your support. We're dumping you,'" he said.

GA Rome WQTU 102.3 r, CHR, "Q 102" (from "Soft Rock 102.3") [Channel 94.3"]

IL Chillicothe WCNL 94.3 r, "The Point" (from/

IL Chicago WZNN 94.7 r, hot AC, still "The Zone"

IN Covington WKZS 103.1 k

IL Farmington WJPL 96.5 r, "The Point" (from "Majic 96.5"), parallel to Chillicothe

IN Huntington WEXI 102.9 r, hot AC

IN Vincennes WVUB *91.1 r, plus PRI shows, "which should be interesting." It has "very hot AC," and loses its "Easy 91" identifier.

IA Osage KWMM 98.7 r, "Kiss FM" (from "Memories 98.7"). Applies for a C3 to cover Mason City better. Its Osage office has been closed by Clear Channel Communications, as has the New Hampton office of KCZE 95.1, which relays KCHA-FM 95.9 Charles City (with rm formats).

ME Boothbay Harbor WCME 96.7 t, monophonic ME Fairfield WCTB 93.5 k (back to), "C-93" (from "River 93.5"). [Party" (pah-tee?)]

ME Skowhegan WHQO 107.9 t, mono, no "The/ MA Boston WBCN 104.1 still rt, adding Opie & Anthony, who had been on rival WAAF 107.3.

The show originates from WNEW 102.7 New York. "Expect them to puff their new rule in Boston and to attack local rivals, including their former bosses at WAAF," writes Jim Sullivan in the

Boston Globe. Thus, "WBCN effectively commits its two prime ratings periods—morning and afternoon drive—to a talk format, with top-rated shock jock Howard Stern filling the early hours. Stern is No. 1 in Boston among men 18-plus; Opie and Anthony are No. 1 in New York in that same demographic." Afternoon host Nik Carter moves to middays and current midday person Bill Abbate moves to overnight.

MA Lynn WFNX 101.7 (plus three other New England relayers) still rp, but going more shock and talk, with the music becoming somewhat more mainstream. Storm and Birdsey are the main hosts with controversial talk, and like WBCN it is targeting men. WFNX g.m. Steve Mindich and Bruce Mittman, who is in charge of WFNX programming, share a Jewish heritage. Mittman's career has been especially colorful, having hired Opie and Anthony when he was at WAAF 107.3 Worcester MA and thereby increasing that station's audience appeal to men. But he didn't especially get along with new owner Entercom, and was fired. Mittman and Mindich knew each other from having adjoining lockers at a country club.

MI Allegan WZUU 92.5 still op, drops Bob & Tom. MT Belgrade KCMM 99.1 gr, "Way FM" NJ Cape May WSAX 102.3 m, parallel to WMID 1340 AM Atlantic City.

NY New York WTJM 105.1 sr, still "Jammin' 105"

NC Chapel Hill WUNC *91.5 n, dropping classical, but assumed to have enough musical elements to justify a stereo listing. Before dropping its daily classical program, it checked to see that WCPE *89.7 Raleigh still plans to continue the format, which it does. WCPE was featured in the NFCB Community Radio News, in July. It mentions that WCPE threw the switch to go to 100,000 watts in 1993, with other efforts to improve WCPE's outreach. "Because of perceived interference problems to the station's west the FCC required that WCPE mount its broadcasting antenna only two-thirds of the way up the new tower. WCPE continued to press for permission to move to the top of the tower, and eventually it was granted. In the meantime, listeners supported the purchase of an innovative antenna." And it recently announced it is available in MP3 format via Internet streaming, as well as RealAudio, Windows Media and QuickTime. These services allow listeners with Internet connectivity to enjoy online audio through a conventional stereo system.

OH Dayton WTUE 104.7 still rp, adds Bob & Tom, who were dropped by WING-FM (see below).

OH Springfield-Dayton WING-FM 102.9 s, "Hot 102.9, Blazin' Hip Hop and R & B" (from "Ohio's Wing").

OR Eugene KKTT 97.9 p, parallel to KNRQ-FM 95.3 Creswell. It is expected to adopt the KNRQ-FM calls, but in September KNRQ-FM (Creswell) is expected to have a new format and new call letters.

PA Greenville WEXC 107.1 gr, no "Variety 107"

PA McConnellsburg WEEO-FM 103.7 still p, adding Bob & Tom

PA Selinsgrove WQSU *88.9 pc, realying WVIA-FM 89.9 Scranton during off hours, rather than WRTI 90.1 Philadelphia. Its 67 kHz SCS changes to a relay of WVIA-FM rather than WRTI. Now "89-9 The Pulse."

TN Germantown WKSL 107.5 stunting; had been r, CHR. It's been playing Tony Loe's Wild Thing. Seeks 3900 h,v; 124 m.

TN Harriman WUFX 92.7 g, all southern gospel.

TX Beeville KTKO 105.7 k, no "Tejano 105.7 FM"

TX Bryan KBMA 99.5 was Mexican, now stunting TX Canyon KZRK-FM 107.9 still rp, adding Bob & Tom [stunting.]

TX San Antonio KTFM 102.7 was sr. Said to be/ VA Manassas WJFK-FM 106.7 still tj, but abrasive talk show host G. Gordon Liddy is losing his home base. He'll continue to be heard in other markets. For 9 years he's done his show from WJFK from 11 a.m. to 3 p.m. Monday through Friday. But "it is not as popular as the programs before and after it." [s, "Hot 102.1"

VA Virginia Beach WWHV 102.1/ ["Jammin' 98.3"

WI Menomonee Falls WJMR 98.3 sr, still/ [FM] SK Prince Albert CHQX 101.5 r, CHR, "Mix 101/ SK Saskatoon CJMK 98.3 m, \$, "Magic 98.3." City name is not "Saskatchewan," as shown July p. 3, col. 1.

On Air—Real Stations and Pirates (Selected)

ID Boise area—K238AC 95.7 and K267AE 101.3 were both heard with KEFX *88.9 Twin Falls.

IL Chicago WFMT 98.7, despite doing well in its recent fund-drive, its Arbitron is at 1.9. This is "basically no move at all," even with competitor WNIB 97.1 gone.

KY Whitesburg WMMT *88.7 still fr, with almost all live, local programming that runs the gamut from bluegrass gospel, punk rock and metal, to oldies and traditional music. Because of its location in the Bible belt there has never been a problem with obscene lyrics because nobody cares to program that stuff, and announcers from various musical forms



have a great respect for their colleagues who do other types of shows, says Barry Rueger, station manager. In the NFCB's Community Radio News. MD Baltimore WJHU *88.1 continues to receive suitors. A local listeners' group, Maryland Public Radio, as well as WBUR *90.9 Boston, are the only two contenders still in the running, reports Current newspaper. WAMU *88.5 Washington DC announced it is dropping out of the bidding. Maryland Public Radio is led by WJHU staff members who want to keep the station in local hands and is trying to raise \$5 million for the purchase. WBUR failed to bid, saying there wasn't enough time to get a bid together, but it remains interested, according to WBUR spokesperson Mary Stone. WJHU's acting general manager Dennis O'Shea said of WBUR's participation: "We welcome their continued interest, absolutely.." But O'Shea was not sure what the next step in the process might be.

MA Brookline WBOT 97.7 fined a whopping \$21,500, including \$10,000 for not having its public file available to an FCC inspector.

MI Coldwater W266AE 101.1 sometimes carries WIOT Toledo or WTUE Dayton, instead of WFRN-FM 104.7 Elkhart IN.

MN Moose Lake W296AQ *106.1, having moved from 106.7. It still has less than 100 watts, but has greater outreach than before.

KBFH 106.9, having moved from 107.1.

NE Valentine—only K207CR *89.3, KRNE *91.5 (Merriman NE, which was "relatively weak"), KINI 96.1 Crookston NE and K258AI 99.5 were heard.

NC Bitmore Forest WZLS 96.5—its facility was won at auction by Liberty Productions, while Orion Broadcasting is or was the licensee of WZLS. Liberty will get to take over, or keep, the WZLS facility by virtue of its high bid of \$2,335,000 winning Auction 25, which ended Oct. 8, 1999. Payment of that amount is due at the FCC by June 15, 2001 (see also June, p. 3, col. 3). Liberty Productions was able to successfully bid on this station because it received a "substantial loan" from Cumulus in 1999, enabling it to pay the \$2.335 auction price to the FCC. Liberty is a different owner from the Zeb Lee family's Orion Broadcasting, which has been operating WZLS through a special temporary authorization. FCC Commissioner Gloria Tristani strongly dissented to the decision, claiming it "renders our rule against misrepresentation almost unenforceable."

PA Pittsburgh WJJJ 104.7 still rhythmic oldies, but the format seems to be losing stations, as happened with WTJM 105.1 New York and WEJM 95.7 Philadelphia (now WMWX). WJJJ is said to be leaning more AC. And Clear Channel lays off four staffers at the station, replacing them with cyberjocking from other markets.

PA Trout Run WCIT *90.1, but incorrectly lding as "WCOG Galeton," apparently due to its on-air input feed. [proving the signal in Green Bay and Appleton.] WI Mishicot-Green Bay WZOR 94.7 now a C3, "im-/ WI Trempealeau-Winona (MN)—La Crosse WFBZ 105.5 still "The Buzz," but being purchased by the owner of KFSI *93.9 Rochester MN. Expected to switch to [K19]CA *91.9 all heard.

WY Casper K209CS *89.7, K214DI *90.7 and/ WY Eden K276DV *103.1 "is actually quite a bit northeast of Eden, fairly close to Lander. It was heard well in Riverton on a portable radio. Riverton translators K215AY *90.9 (kind of weak), K219DO *91.7 (plenty strong and indeed parallel to K276DV), and K260AE 99.9 were all heard."

Off Air—Or Not Yet On

AZ Red Mesa KRMH *89.7 probably off for the summer. "But the exciter was on with a dead carrier and stereo pilot. It's located at the local high school."

MA Hyannis WCOD 106.1 is or was off the air, "due to some huge technical difficulty." Heard in the area instead were WHDQ Claremont NH and WBLI Pat-chogue NY.

NJ Hackettstown WNTI *91.9 "due to downed telephone pole that knocked out its power and all communication lines to the transmitter."

OR Florence KLFO *88.1. K204DP *88.7 Florence wanted to move to 88.5, but the FCC prevented this because of K202BQ *88.3 Florence, which must still be on the air. I consider K202BQ doomed because of KLFO.

SK North Battleford—signs seen for tourist-information station on 88.3, which was not heard. Signs may be wrong; Industry Canada data shows 92.3 instead.

Deletions

MA Walpole WSRB *91.5
MN Fergus Falls K209BA *89.7. This deleted translator applies for *88.3, 210 v. It is owned by the new full power station KCMF *89.7.

NE Valentine K214EJ *90.7
OH Sidney W228AP 93.5
OH Wooster W224AM 92.7
OK Altus K210ML *89.9. See "New," above.

OR Burns K219BH *91.7—see "New"
OR Redmond K203BE *88.5—see "New"
OR Riddle K266BH 100.9, at request of applicant

VI Christiansted WSTX-FM 100.3, along with its AM (970). The FCC found that Gerard Luz A. James was operating from an unauthorized location, and then misrepresented the situation to the FCC. Watch for an interim operator to be named for the stations, which simulcast a calypso music format.

BC Tofino 92.5
PQ Murdochville CJMC-3 92.9

FMistakes—FM Atlas-18, FMedia!

AL Huntsville W209BL is *89.7, not 88.1, July p. 5, col. 3

AR Conway (not Camden) KUCA *91.3, July p. 4, col. 1
DC Washington WPFW *89.3 is ↑01. Rahit Broadcasting Corp. is on its 67 kHz, correcting July p. 6, col. 1.

99.5 is WIHT, not "WITH," July p. 6, col. 1. [1

FL Florida City WMFL is *88.5, not 89.5, July p. 3, col. 1

IL Ottawa 95.3 is WRKX (not "WKRX," which is 96.7 Roxboro NC), July p. 6, col. 3.

IN Delphi 102.9 WXXB was WNJY (not "WDHI," which is 100.3 Delhi NY), July p. 2, cols. 1-2.

IN Huntington (not "Huntingdon") new LPFM on *105.9. Owned by Huntington College; "Huntingdon College" is in Mobile AL.

IN Kentland WIVR-FM 101.7 was WLRT, not "WLRK," July p. 2, col. 2.

KY Hopkinsville delete *90.1 WJCRt p. 44. New W246AG *97.1 to have WJCR-FM 90.1 Upton KY (not WJFM 88.5 Baton Rouge LA), July p. 1, col. 1.

MI Muskegon LPFM is on *106.1, not 105.1. "In spite of the downgrade of WCXT 105.3 Hart, Muskegon is still well within WCXT's 60 dBu contour. . . Plus the LPFM [would be] third adjacent to WSNX 104.5B Muskegon," P.B., Spring Lake MI.

NM Carlsbad *89.3 is K207CZ, not K207CN (which is 89.1 Paris AR), July p. 6, col. 1 (listed under NM Placitas).

NM Espanola—deleted translator on *90.3 was K212AN, not "K212AW," July p. 5, col. 3.

NM Lordsburg—affected station by the rulemaking would have been KQTN 97.9 Lordsburg-Silver City. Station and frequency not given, July p. 8, col. 2, under NM Deming. [p. 8, col. 1.

NM Shiprock (not "Shipwreck"), rulemakings, July/ NY Grand Island *89.3 is W207BG (not "K207BG"), July p. 6, col. 1.

PA Pittston 102.3 is WBZJ (not "WUBZ"), June p. 1, col. 1. WUBZ is 105.9 Philipsburg PA.

TX Conroe *88.3 KAXF (no longer in "Huntsville"), July p. 6, col. 1.

UT Delta 95.7 is KMGR, not "KMJR," July p. 7, col. 1.

UT Provo KXRX is 96.1, not 96.9, July p. 4, col. 2.
VA Harrisonburg (town misspelled) WXJM *88.7, p. 184.

VA Windsor WJCD 107.7 was WSVY, not "WSYV-FM," which is 94.9 Millinocket ME (July p. 2, col. 3).

WA Centralia 102.9 is KMNT (not "KNMT"), July p. 7, col. 1.

WI Mukwonago (new) town misspelled, July p. 3, col. 3.

NB Edmundston CJEM 92.7 is 168 m (not "1678") p. 196 (is 41000 h, 27200 v).

LPFM applications nationwide—ignore figures given p. 1, col. 2, July, but use the figures on p. 8, col. 1.

"I got the latest *FM Atlas* and I just would like to say that I love the format on the Atlas. It's great! The way that you put the stations on geographically, by city, and by frequency. It is truly the FM enthusiast's dream book," H. St. A., Hermantown MN.

SCServices, 57, 67, 92 kHz

Symbols are as in the FM Atlas

CA Los Angeles KUSC *91.5 ↑, I, India music, but reporter said it might just be testing on 92 kHz.

CA Sacramento KGBY 92.5 ↑()

KSEG 96.9 ↑()

CA San Francisco KKSF 103.7 ↑() [↑Q-102"

CA South Lake Tahoe KNVQ 102.9 ↑(), reading/

CO Trinidad KCRT-FM 92.5 ↑(), Cue Paging. It is "The Mountain" on its main channel.

FL Tallahassee WTNT 94.9 ↑()

IL Chicago WMBI-FM *90.1 ↑U

IL East St. Louis WVRV 101.1 still ↑T, reading to the blind, and the reading service is run by Catholic Charities as a promotional service. It started when the Catholics owned the station. There's been one ownership change in between, and now the station is owned by Bonneville. "It went from Catholic to Mormon ownership!"

IL Granite City WSSM 106.5 ↑X, 67, not 92.

IA Forest City KLOW 107.3 ↑()

IA Spencer KICD-FM 107.7 ↑()

KS Pittsburg KKOW-FM 96.9—both the 67 ↑M and the 57 kHz ↑() have left.

MI Escanaba WGLQ 97.1 ↑()

MI Ironwood WIMI 99.7 no ↑T; has ↑()

MI Ontonagon WUPY 101.1 ↑(), reading "Y-101"

MN Alexandria KXRA-FM 92.3 no ↑, U

KIKV 100.7 ↑U, no 57 or 92 kHz data

MN Appleton KRSU *91.3 ↑() [MN Thief River

MN Bemidji KCRB *88.5 ↑() Falls KQMN

MN Coleraine KGPZ 96.1 ↑() *91.5 ↑()

MN Collegeville KSJR *90.1 ↑() [102"

MN Detroit Lakes KRCQ 102.3 ↑(), reading "KQ/

MN Duluth WSCD *92.9 ↑() 5 Q C

MN Mankato KMSU *89.7 ↑U, not ↑X

MN Minneapolis KMOJ *89.9 ↑()

MN Pine City WCMP-FM 100.9 ↑()

MN Rochester KROC-FM 106.9 no ↑, X

MN Stewartville KYBA 105.3 ↑, U, not ↑U, very robust low frequency telemetry.

MN Virginia WUSZ 99.9 ↑(), reading "RADIO USA," then "AMERICA'S HOT COUNTRY U-S-A"

MN Worthington KNSW *91.7 ↑()

MO Kansas City KYYS 99.7 no ↑, G. [kHz

MO St. Louis KDHX *88.1 ↑, V, Vietnamese on 92/ WIL 92.3 continues instrumental music, 67 kHz. KYKY 98.1 ↑()C, with the main channel on all the time, except when there is talk-back to the studio. "It makes for interesting listening."

KEZK 102.5 †S,R, with occasional audio and talk back on 67; 92 remains light rock.

KSLZ 107.7 †S, occasional audio; 92 kHz X data
 MO Sparta KSPW 96.5 †U [not †()] [ROCKS LI]
 NY Babylon WBAB 102.3 †(), reading "WBAB/
 NY New York city area—Max Shaikat, who does the "Pak-Am Radio" show 1-2 p.m. Sundays on Arthur Liu's WNSW 1430 Newark NJ, wants to find an FM/SCS channel for his Pakistani-India service. The WNSW show is in English and the Urdu language. "I know Rahit, but want to do the same thing he's doing on my own. Help me broker a station to be on. I'll give Arthur Liu your regards."

NY New York WBAI *99.5—more recent information has it that it is going with Korean, †K, Radio Korea, rather than India programming. "They sound like they're just starting out; they're playing continuous American/British rock, interrupted by occasional announcements in Korean about SCA radios. I guess RBC changed their minds about adding a second frequency in the New York city area, but I'll keep checking to see if they turn on" (67 kHz; the 92 kHz continues to be data).

WBLS 107.5 †X, 67, not †I, with a scrambled version of Radio Sedaye Iran ("Radio Voice of Iran") now fulltime.

PA Erie WRTS 103.7 †(), reading "STAR 104"
 RI Providence WWLI 105.1 †(), reading "WWLI-FM" and "LITE ROCK 105"

SD Watertown KDLO-FM 96.9 †()
 WI Eau Claire WAXX 104.5 had no SCSES for several weeks, but the †M,R are back. "Lightning hit our equipment and knocked some of it out."

WI Green Bay WPNE-FM *89.3 †() [telemetry
 WI Rhinelander WHDG 97.5 †, U, low frequency/
 NS Yarmouth CBHY *92.3 †(), reading "CBHY"
 ON Dryden CBQH *100.9 †()
 ON Toronto CJEZ 97.3 †(), reading "EZ ROCK"
 "Hope you enjoyed the American Council of the Blind convention. I'm sure you were well received. Your products are very flexible, capable of both subcarrier frequencies and the standard FM channel. Your items must be very popular with all the reading service listeners," P.B., Rockville MD.

Non IDs, Not Just Slogans

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

AL Oxford WVOK 97.9 still K-98. It was heard at 12:44 a.m. saying, "Have a wonderful afternoon."
 AK Anchorage KFAT 92.9 still K-Fat
 AK Eagar KTHQ 92.5 Q Country 92.5
 AZ Springerville KBAZ 101.7 Z 101.7
 AR Bryant KCDI 93.3 CD Country
 CO Loveland KTRR 102.5 Tri 102.5 (from "Tri 102")
 DE Selbyville WOCM 98.1 Ocean 98.1, having moved from 97.9.
 GA Elberton WWRK 92.1 South 92.1
 IL Hillsboro WXAJ 99.7 99.7 Kiss FM, ID with Springfield
 IL Loves Park-Rockford WGSL *91.1 Radio 91, now on with Class B1 facilities
 IL Mount Vernon WAJT 102.1 Star 102
 LA Farmerville KWJM 92.7 Star 92.7
 MN Elk River-Minneapolis-St. Paul (having moved from Princeton) WLCI 106.1 Bob 106.1 (from "The New Bob 106.1"). Its signal is stronger in the NW

part of the Twin Cities' metro, but weaker elsewhere.

MT Conrad KTZZ 93.7 Z 93 [88")
 NV Las Vegas KCEP *88.1 Power 88 (from "FM/
 NM Albuquerque KRQS 101.3 Smooth Jazz the Horizon [(from "92.7 Crazy")
 NM La Luz KRSY-FM 92.7 Crazy at 92.7/
 ND Jamestown KSJZ 93.3 Pure Rock 93.3 FM (from "Kiss 93.3")
 SC Marion WFSF 100.5 Z-100 (from "Star 100.5"), still r, now CHR. [†GT 108")
 TN East Ridge WOGT 107.9 Oldies 107.9 (from/
 TN Oak Ridge WOKI 100.3 The River (from "100.3 The Eagle") [change call letters.
 TX Beaumont KAYD 97.5 KD (from "KD 97"). May/
 UT Cedar City KSUU *91.1 Power 91
 AB Lloydminster CKLM 106.1 106-1 The Goat, still r, \$. This and CKUA-FM15 (see above, "Stereo") were the only stations heard locally, but with marginal reception of CJCQ 97.9 North Battleford SK.
 PE Summerside CJRW 102.1 C-102
 SK Saskatoon CFTT 91.7 mono, Tourism Radio, and advertised on signs.

Multi-City IDs In Use

KS Oberlin KFNF 101.1 with Colby
 MN Olivia KOLV 100.1 with Wiltmar
 US—the FCC's mass media bureau might cease to exist. This bureau, which allocates and awards most of radio's technical parameters and new stations, may consolidate with the cable bureau "to form a new super bureau." If this happened, would long-time MMB chief Roy Stewart quickly retire?

Selected AM Happenings

CA Mount Shasta KMJC 620 and OR Eugene KRVM 1280 taken over by Jefferson Public Radio, which is headquartered in Ashland OR. In Ashland they're running two FM stations, plus translators and relays. KRVM AM was given as a donation to Lane County School District, which also runs KRVM-FM *91.9, which is unaffected by these changes. The move to Eugene is a change in scenery for Jefferson Public Radio, which concentrates on the lush, sparsely populated area of southwest Oregon and northern California. It calls this area "the state of Jefferson." In Mount Shasta, it is negotiating to purchase the 620 AM facility from broadcaster John Power. Jefferson Public Radio also has two AM stations for its news and information service. Both are donated AM stations: KSJK 1230 Talent OR and KAGI 930 Grants Pass OR. "AM radio these days is not lighting the world on fire," said Paul Westhelle, marketing and development director at Jefferson Public Radio.
 CA Yucca Valley KYVU 1420 deleted by the FCC.
 CO Boulder KCFC (had been silent as commercial station KWAB) *1490, news talk, now owned by Public Broadcasting of Colorado.
 FL Plant City WTWD 910 had been silent; now on with religious teaching, parallel to WTVN 570 Pinellas Park FL.
 GA Atlanta—competition is heating up for Spanish language radio in the area. All are AMs except for WAZX-FM 101.9 Cleveland GA. The AM stations are WPLO 610 Grayson, WWWE 1100 Hopeville, WXEM 1460 Buford, WAZX 1550 Smyrna and WAOS 1600 Austell GA. These stations broadcast to a total of 291,000 Hispanics. In 1989 the market's only Spanish stations were La Favorita/1600 and 1480. La Pantera 790 AM aired programs in

Spanish on WQXI, once licensed to the nearby city of Buckhead GA, now part of the city of Atlanta, "but it didn't last." However. Most of the stations, including WAZX-FM, are bunched at the bottom of the ratings, with most of them not subscribing to Arbitron.
 KY Stanford WRSL 1520 had been country, parallel to WXKY 96.3, but now silent, pending a sale.
 MI Houghton Lake WHGR 1290 off the air—was middle of the road music.
 MI Lapeer WLSP 1520 off the air (had sports).
 MI Reed City WDEE 1500 off air (was classic country)
 MS Bay St. Louis WBSL 1190 fined \$3000 for failure to install and maintain operational EAS equipment.
 NY New York WEVD 1050 expected to be sold to Disney/ABC and to replace liberal commentary with sports. It will take on WFAN 660, and leave commentators like Ed Koch, Alan Colmes, Bill Mazer and Sam Greenfield without stations. The move gives the fledgling ESPN Radio Network an outlet in the Big Apple. The agreement gives ABC the option of buying the station within two years from the Jewish Forward newspaper for \$78 million. Disney also leases WQEZ 1580 for its Radio Disney children's programming.

NC Winston-Salem WAAA 980 off the air. "Management and staff have been locked out of their studios in a rent dispute."
 VA Richmond WVBB 1380 off air, but new owner Salem Communications plans to return it to the air shortly with a religious teaching format. Its new calls will be WBTK, and Salem's subsidiary owning it is "SCA License Corporation."

FMakings—Selected FCC and Industry Canada Applications

AL Heflin *89.1 250 h,v; 219 m, Covenant Communications, Inc.
 AL Sylacauga WAWV 98.3 2250 h,v; 166 m
 AZ Green Valley KWFM 97.1 1200 h,v; 223 m, Class A downgrade
 CA San Diego KIOZ 105.3 23500 h,v; 218 m
 CO Julesburg KKAS 96.5 280 h,v; -30 m, Class A
 CT New London WCNI *90.9 (from 91.1) 2000 v, 57 m, Class A upgrade
 FL Tallahassee WFSQ *91.5 97000 h,v; 211 m
 GA Griffin WMVV *90.7 18000 h,v; 144 m, C2
 GA Waycross WWUF 97.7 6000 watts (h,v)
 IL Carthage WCEZ 93.9 100 m
 IL Chicago WDRV 97.1 7900 h,v; 370 m, d-a
 IN Hartford City WHTY 93.5 4000 h,v; 123 m
 IN Terre Haute (WZZQ facilities, for interim operation; station being taken away from Michael Rice, who the FCC determined to be a felon, with an interest in children): 107.5 Indacom, Inc.; Missouri Indiana Bcstg., T.H. Contemporary Media, Inc.; Word Power, Inc.
 MD Ocean City WRXS 106.9 2050 h,v; 117 m
 MA Hyannis WPXC 102.9 25000 h,v; 52 m, B1 upgrade
 MO Bowling Green KPCR-FM 94.1 7500 h,v; 180 m
 MO Columbia (Rice's KFMZ facilities, interim) 98.3 Contemporary Media, Inc.; Curators of the U. of Missouri, Indacom, Inc.; Missouri Indiana Bcstg.
 MO Eldon (Rice's KBMX facilities, interim) 101.9 Benne Bcstg. Co.; Contemporary Media, Inc.; Indacom, Missouri-Indiana Bcstg.
 MO Farmington *88.9 50000 h,v; 150 m, Bcstg. For the Challenged, Inc. [University
 *88.9 10000 h,v; 194 m, Bd. Regents/SW MO State/

FM As It Was—Or Might Have Been: How Hi is Hi Fi?

The hi-fi audience is hard to describe, wrote J. Frank Beatty in *Broadcasting-Telecasting* magazine, April 8, 1957.

First there is the matter of semantics: How high and how low are hi and fi? Enthusiastic sales claims range from a bottom point of 15 or 20 cycles all the way up to 40,000 and beyond.

Some hi-fi boosters are insulted when their cult is numbered at a mere million fm homes containing custom gear or consoles that will produce quality sounds from an fm tuner. Others doubt if the number of separate am and am-fm tuners made for custom installations will come near the million mark. At any rate, a dozen-and-a-half manufacturers are turning out am and am-fm tuners for the custom trade.

Interest in hi-fi has mounted swiftly in recent years, spurred by notable improvement in the reproduction quality of phonograph records, the availability of fm service and the promotional advertising by equipment makers, retailers and custom suppliers. Latest to join the custom field is Ampex Corp., designer of the pioneer tv tape recorder. Ampex has formed a subsidiary, Ampex Audio Inc., to manufacture hi-fi consumer retail items.

One of the most exhaustive looks ever at the current fm situation was the survey announced recently by NARTB. The survey was conducted in late 1956 under direction of John F. Meagher (who had been manager of KYSM-FM 103.5-AM Mankato MN-ed.), NARTB radio vice president, and Richard Allerton, research director, at the instigation of the association's Fm Radio Committee, headed by Mr. [Edward] Wheeler, WEAW-FM (105.1) Evanston IL.

The NARTB study produced such findings as: Three out of four fm stations are on the air before noon; 19 out of 20 after noon. Six stations have storecasting, 161 don't. Twenty-eight plan to multiplex, 113 don't. Am coverage is aided by fm duplication of programs said 123; 29 said it wasn't.

Definite increase in public's interest in fm noted in last year by 76 stations; eight found declining interest.

Programs are ranked in this order—music, sports, news. Sports programs are sponsored on 41 stations, music on 20.

MO Huntsville (Rice's CP for KROW, interim or permanent) 103.5 DSHEP
 MO Stockton KRLK 107.7 11700 h,v; 146 m, C3
 MO Vandalia KKAC 104.3 11400 h,v; 142 m
 MT Livingston KPKX 97.5 236 m [grade.
 NE Imperial KURK 102.9 270 w, 9 m, Class A down-/
 NE Lincoln KZFX 101.9 365 m
 NY Canton (move from Morristown) WNCQ-FM 96.7 (from 102.9), 17000 h,v; 108 m, C3
 NY Elmira WLVI 94.3 800 h,v; 227 m
 NY Lake Placid WLPW 105.5 25000 h,v; -59 m, C3
 NC Charlotte WFAE *90.7 365 m, d-a, Class C upgrade
 NC Elkin WIFM 100.9 470 h,v; 215 m [h,v; 23 m
 NC Elon College WSOE *88.1 (from 89.3) 1000/
 NC Raleigh WKNC *88.1 25000 h,v; add d-a, C3
 NC Southern Shores WFMI 100.9 39000 h,v; 148 m
 NC Wilkesboro WSIF *90.9 (from 94.7) 1000 h,v; 52 m, Class A upgrade [upgrade.
 OH Springfield WUSO *88.1 100 v, 26 m, Class A/
 OH Wauseon WXQQ 96.9 5000 h,v; 109 m, d-a
 OK Stuart *89.3 3000 h,v; 91 m, Lighthouse of Prayer, Inc.
 OR Lebanon KXPC 103.7 94000 h, 612 m
 PA Philadelphia WMMR 93.3 16500 h,v; 264 m
 SC Pawleys Island WDAI 98.5 10000 h,v; 157 m, C3
 SD Mitchell KMIT 105.9 199 m
 TN Atwood WTKB 93.7 21000 h,v; 111 m
 TN Ripley WKVZ *94.9 6000 h,v; d-a
 TX Austin KVET-FM 98.1 50000 h,v; 397 m
 TX Del Rio *88.5 50000 h,v; 41 m, Bcstg. For the Challenged, Inc.

TX Edinburg KBFM 104.1 373 m
 TX Littlefield KAIQ 95.5 50000 h,v; 100 m, C2
 TX Pecos KPTX 98.3 9500 h,v; 129 m, C3 upgrade
 The FCC announced that 232 LPFM applications were accepted for filing from the Jan. 16-22, 2001 filing window or earlier windows. These are applications not in conflict with any other application filed during those windows. Each of the applications fully complies with low power FM station protection requirements. Petitions to deny any listed application and minor amendments to the applications must be on file by the FCC's close of business Sept. 17, 2001. Groups of mutually exclusive applications that were filed will be announced later.

FM Rulemakings Proposed

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

CA Mendocino 101.1A for 92.7A, KMFB. The station can't increase to 6 kw on 92.7, but could on 101.1, Sept. 17, Oct. 1.
 FL Port St. Joe 96.3A @ 2.1 km SE because of WZNS 96.5C1 Fort Walton Beach, Sept. 24, Oct. 9
 GA Screven 99.9A, Sept. 24, Oct. 9.
 GA Wadley 93.3A, Sept. 24, Oct. 9.
 KY Nonesuch (move from Danville) 101.7A, WHIR-FM. Danville will lose its commercial FM, but it has non-commercial WDFB-FM *88.1. This move will eliminate short-spacings to WUHU 107.1 Smiths Grove and WCTT-FM 107.3 Corbin KY.
 MI Bear Lake 106.1A (for 100.1A), with Honor, WSRQ—show cause/why not?
 MI Honor 100.7C3 (from 100.7A), WAIR, Oct. 1, 16
 MI Ludington 98.7A for 100.3A, WKLA-FM, with Honor.
 MI Walhalla 106.5A for 98.9A, with Honor.

NH Pittsburg 97.A, but it will be short-spaced to CFJO 97.3C1 Thetford Mines PQ, Sept. 17, Oct. 2.
 NC Old Fort (move from Asheville) 99.9C, WKSF, with Fletcher NC. This will leave Asheville with no commercial FM, only public FM and commercial AM stations. No site change is contemplated for WKSF.
 NC Fletcher (move from Old Fort) 104.3A, WQNO, Sept. 24, Oct. 9. This assignment will also require the moving of transmitter sites of WEYE 104.3A Surgoinsville TN and WBBQ-FM 104.3C0 Augusta GA. WQNO has agreed to reimburse WEYE, and it has an ownership interest in WBBQ-FM. WKSF is short-spaced to WNNX 99.7C or C0 Atlanta GA and WRFX 99.7C or C0 Kannapolis NC, and these short spacings will be unchanged. [Oct. 1.
 OK Holdenville 100.9A @ 10.6 km W, Sept. 24/
 OK Claymore 94.3C3, Oct. 1, 16.
 OK Wapanucka 107.5A @ 29.9 km W, Sept. 24, Oct/
 PA Sykesville 95.9A, Sept. 24, Oct. 9.
 TX Clarksville 106.7A, Sept. 24, Oct. 9.
 TX Comanche 94.3C2, Oct. 1, 16. [downgrade.
 TX Evant 96.5A @ .8 km N., Oct. 1, 16.
 TX Goliad 104.3A @ 4.6 km N., Sept. 4, 18.
 TX Rule 95.7C2, requested by Katherine Pyeatt, @ 12.7 km E., Sept. 24, Oct. 9.
 TX Sabinal 100.3A @ 2.9 km NW, Oct. 1, 16.
 TX Winnsboro 104.7A. Made possible because [1, 16 100.5A Bogata TX was rescinded. At 7.9 km E., Oct/

FM Rulemakings Finalized

Filing periods delayed pending announcement of auctions
 AL Albertville 105.1C2 (for C3), affirmed, WQSB
 AZ Leupp 98.9C1 for A, affirmed, KSKK
 CO Hugo 92.3A, as requested by Alan Olson
 GA Hazlehurst 93.5C1 for C2, affirmed, WVOH-FM
 GA Jeffersonville 93.7C1 for C2, affirmed, WMGB
 KS Emporia 96.1A for 99.5A, KRVW, with Topeka
 KS Iola 101.5A for 99.3A, KIKS, with Topeka
 KS Pleasanton 93.7C3
 KS Topeka 99.3C3 for A, KWIC
 KY Coal Run (move from Elkhorn City) 103.1A, WPKE-FM. Coal Run is a city of 232 inhabitants, and is just NW Pikeville. WPKE-FM's requested site is at 13.4 km S, or at 37-23-57; 82-30-32.
 MI Fife Lake 95.9C3 for A, WRJB
 MN Rochester 106.9C0 for C, affirmed, KROC-FM
 MO Monroe City 107.5C3 for A, affirmed, KWVBZ
 MT Browning 94.7C2 @ 3.3 km NE
 MT Columbia Falls 103.1C3
 MT Pablo 99.7C2
 NV Wendover 102.3A for C, KOAS downgrade
 NM Grants 105.5C1 for C, KQLV [WBBF-FM
 NY Fairport (move from Avon) 93.3A @ 9.2 km N./ NY Rhinebeck *102.5—allotment is noncommercial.
 NY Rosendale 98.9A for 102.5A.
 OR Molalla (move from Salem) 105.1C @ 24.2 km SE, at present site of KRSK.
 TX Comfort 106.1A—withdrawal of notice. No alternate channel is available, and it would be mutually exclusive with already-allocated 106.1A Kerville.
 TX Jasper 107.3C3 for A, KJAB [downgrade.
 VA Exmore 106.1A for B1, affirmed, WEXM to/
 VA Benton City (from Sunnyside) 96.7A @ 4.9 km E., KZTB. With Naches.
 WA Ellensburg 95.3C1 for C2, KXLE-FM
 WA Leavenworth 101.1C2 for A, KOHO-FM
 WA Naches 96.9C2 for A, KZTA @ 19.5 km SW.

Seven stations are 90-100% sold out. services, with around 75 stations selling sometimes matched the main channel FM (and Median fm time charges are about half the music via multiplex, beep-simplex and AM) programming and sometimes was separate. am rate. Best sponsors are record and hi-telephone lines.

There's one angle of multiplexing that likely be by satellite in late 2002, in certain cars can't be ignored. This piggy-back trans-equipped with Sirius or XM receivers, but in

Some typical observations made by mission of music can pretty well Canada the service has been available in the L- those who put comments on their NARTB eliminate bootlegging by dentists and band. A few home receivers have trickled in from questionnaires:

Newspapers don't carry fm logs. places that take an fm station's signals the Orient at roughly \$130. There is also a digital off the air with an ordinary fm receiver. radio converter that interfaces with a conven-

Some manufacturers don't like fm. But it's quite reasonable to predict that tional AM/FM car radio and sells for about \$68. Some of the sets drift. Fm auto and clock fm stations, having invested in multiplex GM is also slated to offer AM-FM-digital radios in sets are coming. apparatus, will stop putting out back-Canadian cars in 2002, according to James

After 10 years, an educational job hasn't ground music as normal fm broadcast Careless, writing in *Radio World*. Battery drain been done on the public and dealers. This service and shift to another type of pro- has been a problem with portable digital radios, NARTB survey showed 13 profitable gramming—pop and pitch, for instance. but a new chipset has been devised that might stations with 42 holding their own and 78 Thus the public stands a chance of los- solve the problem. It should deliver eight to 10 losing money. Of fm only stations 13 are ing, under this thesis. hours of digital radio from a set of rechargeable

making money, 36 are holding their own Such multiplex enthusiasts as Don batteries. Lewis, general manager of Multiplex Canadian broadcasters seem to approve of a

Why don't the money-losers quit? The Services Corp., and Gardiner G. separate band for DAB. The government there survey indicates some have a lot of Greene, president of Browning, contend gave broadcasters the L-band for free, "and money invested and are afraid to back equipment troubles have been solved. these days such spectrum is worth a lot of out. Others are hanging-on pending the Mr. Lewis credits multiplexing for "the money—about \$33 billion."

development of multiplexing and in antici- current rebirth of fm activity." In London (England), about 40 digital services pation of growing interest in hi-fi and Twenty-six fm stations are using are now available, with the latest being Century stereophonic sound. Still others figure all Browning receivers, Mr. Greene said. London, now owned by Capital Radio, with sta- aural broadcasting may be shifted to the W.S. Halstead, president of Multiplex, tions in various cities, including Scotland. These fm band some day.

The increased interest in better music using its equipment are WFLY 92.3 Troy annual cost of roughly \$12,000 U.S. said the first three Multiplex stations stations are awarded a 12-year licence at an

and background music looks good to NY, WFNC-FM 98.1 Fayetteville NC and Small-Print Happenings and FM Industry News many with fm transmitters. Goodwill is WGH-FM 97.3 Newport News VA. . . Some broadcasters and communications at-

created for their am and tv services some Multiplex claims its Troy installation is torneys are saying that the FCC is bogged down by low power FM. They allege that Ken- of those with double and triple services reaching Pittsfield and Lenox, Mass., ard's LPFM plan is burdening the staff of the mass media bureau on top of a normal work- load. So far, however, the Michael Powell FCC believe. Some broadcasters fought the both over 55 miles away. WGH-FM has FCC's action, taken two years ago, which 100 of the special receivers, all getting load. So far, however, the Michael Powell FCC specified that any special fm station ser- good service. A number of music sup- seems to be granting out station transfer of ownership applications in a timely way.

vices such as background music must be pliers have eight-hour (reel-to-reel) tape ownership applications in a timely way. What's with ABC's Paul Harvey? He's been off the air for the most part since May, except of course in commercials. The 82-year-old current deferment ending next July 1. wire lines are technically adequate for commentator signed a 10-year \$100 million

Stations opposed to multiplexing con- transmission of music to subscribers, lease with ABC last November. It's a severe case of laryngitis that has kept him sidelined. tend that equipment makers sold the FCC the evolution of major cities into a series From the classifieds: Harris FM3.5K transmitter with MX-15 exciter. Solid state. Clean \$12,500. Broadcast Works, 903-509-2470. See it at

a bill of goods in an effort to sell their of suburban satellites can affect the cost www.broadcastworks.com. used with a large number of receiving setsoften based on quarter-mile units. Main Cash paid for FM translators or FM translator CPs. Call Bill Lacy, Star Radio in FL, 561-912-9002.

over a wide area; that present beep con-channel fm is good up to 15,000 cycles, Due to death of our father, two great radio stations for sale, NE CA. Great hunting, fishing. 5000 w AM 570, Class C FM 100,000 watt potential, 530-233-3570.

FM FORUM
CONTRIBUTIONS FROM READERS
Regarding an item from Jan. 2000 regarding WVGR

104.1 Grand Rapids MI (p. 2, col. 2), Phil Boersma says that WVGR was located since its inception in the early 1960s on the tower of WOOD-TV, ch. 8, with WOOD-FM 105.7 also on that tower. "I assume WVGR was kicked off because of WOOD-TV's new HDTV

operation (on Ch. 7). WVGR was grandfathered at 110 kw (at 182 m). If they don't get the grandfather when they move to a new tower, they would face severe signal degradation in outlying areas, such as Kalamazoo, where they used to have a local signal." Until September

Canada Ahead of U.S. in DAB, But Where's the Audience? Canada is ahead of the United States by a operation (on Ch. 7). WVGR was grandfathered at 110 kw (at 182 m). If they don't get the grandfather when they move to a new tower, they would face severe signal degradation in outlying areas, such as Kalamazoo, where they used to have a local signal." Until September

Blue F, Irving

THE FM RADIO NEWSLETTER Vol. 15, No. 9—September, 2001 "Publishing Estate," 241 Anderson Rd
Esko MN 55733-9413, USA; <http://members.aol.com/fmatlas/home.html>
For the broadcaster and the enlightened media consumer A newsletter of fact and opinion about FM radio and related technologies—from the publisher of the *FM Atlas*.

Published monthly (although when the annual *FM Atlas* is being prepared there may be no issue). Subscription price \$75.00 annually, single copies \$6.50. ISSN 0890-6718. Phoning? (218) 879-7676. FAX: (218) 879-8333. Copyright © 2001, FM Atlas. E-mail: FmAtlas@aol.com.

New FM Stations, Translators, Boosters, Low Power FM Stations Granted

Translators have less than 100 watts unless shown otherwise; technical parameters for most LPFM stations are not announced, but can be up to 100 watts at 30 meters above average terrain (horizontal, vertical, or both h & v)

- CA San Jacinto KWRP-1 96.1 50 watts h, d-a, booster of San Jacinto station.
- CO Carbondale *88.9 500 watts h,v; 719 m, Pitkin County, in a settlement agreement that saw the dismissal of Public Broadcasting of Colorado's 88.9 application at Glenwood Springs.
- CO Dolores *89.5 500 watts h,v (horizontal and vertical effective radiated powers), 53 m[eters] above average terrain, Educational Communications of Colorado Springs
- CO Pagosa Springs *89.7 200 w h,v; 388 m, Educational Communications of Colorado Springs; its 91.5 translator, K218DH, to be deleted?
- KS Lyons KPIO-LP *99.3, Knights of Columbus #7422 Educational Communications, LPFM
- MN Fergus Falls K207DP *89.3 (KCCM 91.1 Moorhead), 210v. Had operated as K209BA 89.7.
- MS Hattiesburg *105.3, Hattiesburg Urban Heritage Association, LPFM
- MS Morgantown *101.3, M. Church of God, LPFM
- MS Bay St. Louis WQRZ-LP *103.5, Hancock City Amateur Radio Association
- MT Missoula KREO-1 107.5 630 watts h,v; d-a, with 100% power at 0°. Booster of Superior MT station. [OR], h,v
- NE Hastings K209EQ *89.7 (KLOV 89.3 Winchester/
- NY New York WNYU-1 *89.1 5 watts h,v; transmitter at south end of Manhattan; booster of New York station.
- NC Bath *90.1 13500 h,v; 35 m, d-a (directional antenna), with 100% power at 290°, Educational Information Corp. in a settlement agreement.
- OK Pocola (with transmitter south of Greenwood AR) *88.1 25000 h,v; 128 m, Educational Radio Foundation—in a settlement agreement.
- OR Redmond K205EI *88.9 (KAWZ 89.9 Twin Falls ID translator), v. Had a CP on 88.5 as K203DE.
- TN Benton *91.1 9000 v, 121 m, d-a, with 100% at 250°, Community Public Radio, Inc.
- TX Kerrville K213DT *90.5 (KAWZ), h,v
- TX Longview K201HI *88.1 (KCZO 92.1 Carrizo

- Springs), h,v
- BC Chase CKBZ-2 101.1 140 h, 141 m, d-a, \$[tereo], k[ountry], relay of Kamloops 100.1.
- BC Kamloops CKBZ 100.1 3500 h, 147 m, \$, k, replaces CFJC 550 AM. [d-a, \$, k
- BC Pritchrd CKBZ-1 104.5 19 watts h, -204 m,/
- MB Winnipeg *89.9 61000 h,v; 223 m, \$, Class C1, French CBC [d-a, relay of *102.7 Halifax
- NS Mulgrave CBH-FM2 *103.1 40500 h, 170 m,/
- ON Cobourg 93.3 2100 h,v; 206 m, \$, m, Class B, 572047 Ontario, Ltd. [102.3 Killaloe
- ON Wilno 104.5 35 watts v, 70 m, relay of CHCR/

Call Letters Assigned

- AL Addison 105.7 WQAH-FM (WYAM-FM; AM is in Priceville AL).
- AR Des Arc 104.7 KFLI
- AR Earle 103.9 KCJF
- AR El Dorado *88.9 KKDU
- CA Georgetown *95.1 KDPT-LP
- CA Valley Springs *103.7 KWLK-LP
- CA Weaverville 101.1 KWCA
- FL Dade City (move from New Port Richey) 96.1 WTMP-FM (WMGG-FM); WTMP AM is in Egypt Lake FL.
- GA Roswell 107.5 WJZZ-FM (WJZZ). There is a WJZZ on 1210 AM in Kingsley (Traverse City) MI. WJZZ 1210 is 50000 watts days. "I can get it here and it is on the air," P.B., Spring Lake MI. It formerly was across the state in Frankenmuth MI. But WJZZ may change its calls to WLDR, which would make 101.9 Traverse City WLDR-FM.
- ID Soda Springs 100.1 KFIF (KFIS)
- IL Genoa 106.3 WYCH (WSQR-FM)
- IN Marion *94.3 WCWC-LP
- IN South Bend *98.1 WSBL-LP [translator
- IA Adel *88.9 KIHS; affects Clive IA *89.7/ IA Ankeny-Des Moines 106.3 KVJZ (KLYF), j, smooth, *V 106-3"
- IA Whiting (move from Blair NE) 101.3 (from 101.5) KKYY (KISP), 50000 h,v; 150 m, C2. Transmitter SW Sioux City, NNE Whiting. To make this possible, co-owned KAYL-FM

101.7 Storm Lake IA has applied to change from a C1 to a C2. Then KZFX 101.9 Lincoln NE, in its application for 100,000 h,v, specifies a transmitter site just SW Omaha (see last month p. 7, col. 1).

- IA New London 97.3 KKNL
- KS Lyons *98.3 KPIO-LP
- LA Empire 104.5 KNOU (KBIL)
- ME Brunswick 98.9 WCLZ (back to, from WTPN), still "98.9 The Point." [Brunswick ME
- ME Topsham 95.5 WJJB-FM (WCLZ); AM's in/ MI Bear Lake 100.1 WCUZ (WSRQ)
- MN Grand Marais *88.7 WMLS (WLSN), \$, c *89.7 WLSN (WMLS), mono, nt. Both stations expected on as of Sept. 26. This caps a three-year effort to bring Minnesota Public Radio to extreme N.E. MN. Reception of the Duluth and Houghton MI stations was "fairly weak and undependable." They result from a \$230,000 fund-raising drive, that included \$143,000 from the MN legislature and \$65,-000 from the National Telecommunications Information Agency, plus \$22,000 raised locally in Grand Marais.
- MS Grenada 101.3 WMUT
- MS Sardis 102.1 KBUD
- MO Otterville *107.7 KCVA (KOTT); assumed noncommercial operation. I wonder if this newly-acquired full power station by Lake Area Educational Broadcasting Foundation might render redundant translators K209AP *89.7 Sedalia and K248AA *97.5 Prairie Home MO?
- MT Great Falls 100.3 KFLL
- NE Blair 97.3 KBLR*-FM, " to be k, taking format of KKYY (formerly KISP 101.5 Blair), which is moving to Whiting IA 101.3.
- NJ Cape May 102.3 WMID-FM (WSAX; AM is in Atlantic City)
- ND Williston 98.5 KSPY
- OK Coalgate 105.5 KXFC (KLIS)
- OK Pryor 104.5 KMYZ*-FM" (KMYZ-FM; AM has new calls)
- OR Redmond *88.5 KWRX
- OR Scappoose 104.1 KFIS (KJUN), "The Fish"
- PA Williamsport *90.7 WCRG



TN Germantown 107.5 WYYL (WKSL), "Wild 107.5"
 TX Bryan 99.5 KNFX-FM (KBMA); AM is in Austin MN
 TX Center 100.5 KQBB (KDET-FM)
 TX Portland 105.5 KMJR (KRAD)
 TX San Augustine 92.5 KQSI (KCOT)
 UT Huntsville 103.1 KPBE [Aug. p. 3, col. 2.
 UT Richfield 97.5 KGLL (not KRFD). Listing is correct/
 UT St. George *105.1 KOEZ-LP
 *105.7 KWBR-LP [The Giant v
 UT Smithfield 103.9 KGNT (back to, from KBET)/
 UT Tremonton 104.9 KACE (KNFL) [that WJLC]
 VA Clarksville 98.3 WICE (WKSK-FM, and briefly after/
 VA South Hill 98.9 WKSK-FM (WSHV-FM and before
 that WSHV); AM is in West Jefferson NC.
 WA Cheney 101.1 KEYF-FM (KEYF-FM; AM in
 Dishman has new calls)
 WA Spokane 103.9 KYWL (KWHK)
 WY Casper 96.7 KMGW (KMLD)
 94.5 KMLD (KMGW)
 WY Thermopolis 98.3 KZZS (KHWC), which will move
 to 98.1 Story MT [monophonic
 BC Clearwater 102.9 CKBZ-4 (CFJC-1), still
 BC Merritt 99.5 CKBZ-3 (CFJC-FM), still mono
 BC Nakusp 97.7 CKBS (not CKBS-1)
 NB Fredericton *101.5 CBZ (not CBZ-FM; there's no
 more CBZ [AM], facilities to 81000 h, 395 m
 NS Antigonish 98.9 CJFX-FM (from CJFX-) to 2750
 h,v; 177 m
 ON Burlington 107.9 CJXY (CING), op, "Y-108"
 ON Hamilton 95.3 CING (CJXY), rs, "Energy 95."
 "Transmitters and towers remain same except pro-
 grams switched," S.T., Hamilton.

Facilities Changes Granted
 AL Northport WLXY 100.7 100000 h,v; 299 m,
 C1
 AL Reform WTID 101.7 22500 h,v; 221 m, C2
 AL Valley WRLD 95.3 25000 h,v (100 m), C3
 AZ Green Valley KWFm 97.1 1200 h,v; 223 m,
 C3
 AR Hot Springs Village KVRE 92.9 25000 h,v; 98
 m, d-a, with 53% power at 50°.
 CA Arcata KHSU *90.5 459 m (9000 h,v)
 CA Chester K205EJ *88.9 (from K206CE 89.1), v
 CA Mariposa KUBB 96.3 1900 h,v; 639 m
 CA North Fork (moving from Merced) KA.JZ 107.9
 (from 107.7) 183 m (7000 h,v)
 CA San Diego KIOZ 105.3 23500 h,v; 218 m
 CO Julesburg KKAS 96.5 280 watts h,v; -30 m, Class
 A downgrade
 FL New Port Richey WLPJ *91.5 50000 h,v; 93 m, C2,
 d-a, with 22% power 150-210°
 GA Jeffersonville WMGB 93.7 186 m (100000
 h,v), d-a, with 42% at 20°
 GA Quitman WSTI 105.3 25000 h,v (100 m)
 GA Talking Rock WNSY 100.1 7000 h,v (188 m),
 C3 [99.5 5700 h,v; 425 m
 IL Chicago WLUP 97.9 4000 h,v; 425 m, WUSN/
 WNND 100.3 5700 h,v; 425 m
 IL Evanston WOJO 105.1 5700 h,v; 425 m
 KY Cadiz WKDZ-FM 106.5 (from 106.3) 12500
 h,v; 142 m, C3. Changing frequency but not
 moving to Oak Grove KY as originally an-
 nounced.
 KY Pikeville WDHR 93.1 22000 h,v (231 m) [m
 KY Tompkinsville WTKY-FM 92.1 4400 h,v; 118/

Stereo—Or to be \$[tereo]
 AZ Flagstaff KPUB *91.7
 IL Carthage WCEZ 93.9 m, adult standards,
 parallel to KOKX 1310 AM Keokuk IA. It's
 probably not yet stereo. "We are still develop-
 ing this station, and might change the format.
 Do we have to decide what it will be now? I
 have no idea if it will ID with other cities. Why
 are you putting this kind of pressure on me?"
 IA Osage KWMM 98.7, r, CHR, "98.7 Kiss FM"
 IA St. Ansgar KJCY *95.5, heard testing in ste-
 reo. Announces that a computer programming
 error is preventing it from doing regular broad-
 casting, which will most likely be a fulltime re-
 lay of KJLY *104.5 Blue Earth MN.
 KY LeRose WOCS *88.3, c format. "If it's one of
 our stations it will be stereo. All our stations
 are stereo. It must serve just a small part of
 our WEKH 89.9 Hazard coverage area."
 KY Middlesboro WEKM *90.1, c. Not yet on air,
 but "it will be stereo and relay us."
 MI White Star WEJC *88.3, to relay WLGH 88.1
 LeRoy Township-Lansing. But it's testing, do-
 ing its own programming for now. "When eve-
 rything is working right it will relay us all the
 time. We are still working out how it will ID." It
 will be 24 hours. It is not connected in owner-
 ship with the new WAAQ *88.3 Onsted MI.
 NE Bridgeport KAWQ 101.3, r, parallel with
 KMOR 92.9 Scottsbluff, and IDing together.
 This arrangement may be temporary, enabling
 KAWQ to come on the air before its construc-
 tion permit expired.
 AB Hinton CIOB 94.5, CKOB 99.3
 ON Thunder Bay CJUK 99.9, r, AC plus oldies,
 "Magic 99.9." Has billboards throughout Thun-
 der Bay. It was opposed by CJLB 105.3 and



CJSD 94.3, both co-owned and close to 100
 kw, contrasted with CJUK's mere 37 watts.

Monophonic
 NC Chapel Hill WUNC *91.5 nt, mono—remove
 stereo listing. [to Chapel Hill.
 NC Rocky Mount WRQM *90.9 nt, mono, parallel/
Format Changes
Formats are the same as in the FM Atlas
 CA Mecca KRCK-FM 97.7 o, '80s hits
 CA Redlands KUOR *89.1 j, now with KLON 88.1
 Long Beach supplying its jazz.
 CA Santa Ana KWIZ 96.7 S, r, no "Radio Korea."
 CO Castle Rock KJMN 92.1 S, m, "Radio Roman-
 tica" (from "Jammin")
 FL Bonita Springs WRXX-FM 96.1 op, "96 K-Rock,"
 ID with Naples-Fort Myers (not Ft. Myers-Naples)

FL Fort Myers WINK-FM 96.9 r, hot AC, "Wink 96.9," ID with Naples.

FL Jupiter WJBW 106.3 mr, for the 45+ audience.

FL Miami WLYF 101.5 mr, "101.5 Lite FM"

FL Tampa WWRM 94.9 m, "Magic 94-9," hardening its presentation from soft AC.

GA Atlanta WPCH r, top 40, still "Peach 94.9"

GA Mableton WAMJ 102.5 j, smooth, \$(tereo), parallel to WJZZ-FM 107.5 Roswell. "Speculation now centers on what Radio One will do with soon-to-be activated Atlanta move-in 107.9 Hampton (from Macon)." The simulcast with WJZZ-FM may not be permanent, "due to the lackluster way it's being promoted."

KS Belle Plaine KANR 92.7 rp, no "Fly 92.7"

KY Hazard WEKH *90.9 c, plus NPR talk. "We've never had jazz!"

KY Richmond WEKU *88.9 c, relayed by WEKH and soon WEXM and WOCS (see "Stereo," above). "We also have an application for a station in Corbin."

MD Baltimore WXYV 102.7 o.

MD Catonsville WQSR 105.7 sr, expected to trade call letters with Baltimore 102.7. During the day of the World Trade Center bombing all local Infinity stations took the CBS feed for several hours. These included WLIF 101.9, WWMX 106.5, WXYV, WQSR, and a WJFK AM 1300. Such sharing of programming by commonly owned affiliates also took place in markets like St. Louis.

MI Ann Arbor WUOM *91.7 and Grand Rapids WVGR *104.1 drop University of Michigan play-by-play sports. They found it difficult to replace Tom Hemingway, the announcer for nearly 40 years, who retired. Ann Arbor listeners have increasingly tuned to WJR 760 AM and student station WCBN *88.3 Ann Arbor. WUOM is still listed as tf, by virtue of its stereo signal for folk music, while WVGR *104.1 is considered tm, mono, with none of its music aired in stereo.

MI Grand Rapids WFGR 98.7 still classical, but that might change. Regent Broadcasting is buying the station. Regent also owns WGRD 97.9, WTRV 100.5, WLHT 95.7, and an AM. "Discussions and planning are going on now about what we hope to do with WFGR. But it's premature to discuss those ideas at this point," said Phil Catlett, market manager for Regent's Grand Rapids cluster of stations. WFGR has maintained its classical format since signing on in 1992. Although much of its programming is syndicated, there are local shows, such as Sunday afternoon's "Weekend With The Pops," hosted by Grand Rapids Symphony associate conductor John Varineau. There is also a daily Dinner Classics program and a Kids Classical Hour Saturday mornings. Its Arbitrons have ranged from 1.5 to 2.9 over the years. "While the obligatory noises are being made about Regent possibly keeping classical on 98.7, I think that possibility is quite unlikely. What is possible is that Regent will move the classical to 1410 AM. Currently that AM station (WNWZ) airs audio from cable's CNN Headline News, and is a consistent no-show in the Arbitrons.

"Classical fans in the area will still be able to hear large blocks of their favorite music on WBLV *90.3-WBLU-FM *88.9. Blue Lake Public Radio is not all-classical, but it does air substantial blocks of the music. It, and Western Michigan University's WMUK *102.1 will be the only sources for classical music on FM if and when WFGR is converted to something else," P.B., Spring Lake MI. A comment in the Michigan Broadcasting chat room on the Internet speculated on WFGR going to smooth jazz.

MO Warrensburg KTBG *90.9 pr, adult alternative, "The Bridge." Former KYYS (99.7) Kansas City personality Jon Hart is its general manager.

NM Corrales KSYU 95.5 r, hot AC, "Sunny," adding Kidd Kraddick to AM drive.

NY Liberty WVOS-FM 95.9 o [cation for 104.7

OK Ponca City KIXR 100.1 r, hot AC, with appli-/

OR Baker City KKBC 95.3 o

PA Milton WVLY-FM 100.9 j, smooth

PA Uniontown WPKL 99.3 o, "Pickle 99"

SC Spartanburg WSPA-FM *98.9 mr, light rock, with smooth jazz relegated to Friday and Saturday nights. [KRTX-FM 100.7 Winnie

TX Crystal Beach KLTO 105.3 S, r, parallel to/ [nie

TX Missouri City KOVA 104.9 S, r, parallel to Win-/

TX Silsbee KLOI 101.7 k, parallel to KAYD 97.5 Beaumont. KAYD is expected to adopt a new format, and move in to the Houston market.

TX Victoria KRNX 95.1 r, "Victoria's Hit Radio" (from "Radio Ranch")

TX Winnie KRTX-FM 100.7 S, r

VT Bellows Falls WZSH 107.1 r, hot AC, "Star"

VT White River Junction WSSH 95.3 r, "Star 95.3" (from "Light FM")

VA Virginia Beach WWHV 102.1 sr

WV Ravenswood WLVF 93.1 k, ending simulcast with WMOV 1360, which stays oldies.

WI Cornell WDRK 99.9 pr, "The Carp," now with "hard rock."

ON Kaministiquia CFQK 104.5 r, \$, "Max 104.5." It is similar in format to nearby CJUK (see above "Stereo"), but not programmed to Thunder Bay.

ON Thunder Bay CITB 97.1 t, tourism radio, mono.

DU Gomez Palacio XHCTO 93.1 r, "Estereo Hits"

On Air—Real Stations and Pirates (Selected)

CA Lucerne KPFL-LP *104.5 as California's first LPFM, "and apparently the fourth nationally."

CO Pueblo KKMJ 98.9: Here's further word on its broadcast of the edited version of Eminem's *The Real Slim Shady* (see July p. 4, col. 3). That airing resulted in a \$7000 fine, which comes on the heels of an April FCC report clarifying the agency's indecency guidelines. Bobby Irwin said the station did not view the edited version of the song as indecent but quit broadcasting it after getting the FCC's notice June 1. Earlier, WZEE 104.1 Madison WI paid a \$7000 fine for airing the unedited version of the song. The FCC said the edited version "contains unmistakable offensive sexual references." This ruling is worrisome to some radio station people because the Eminem track was broadcast nationwide during the spring and summer of 2000. "Virtually every pop, top 40 station played that song," said

Cat Collins, program director for Denver's KQKS-FM. (107.5, licensed Lakewood CO). "That was a No. 1 record. It was the kind of record that stations played 65 to 70 times a week." But a KKMJ listener filed the indecency complaint in July 2000. The FCC ruled that the edited version still had some expletives, as well as innuendoes to violent misogyny and graphic sex. "The lyrics contain references intended to pander and shock," the agency said. The edited version of "The Real Slim Shady" was provided by Interscope Records, the label that produces Eminem's records. Radio music directors and stations, however, often edit songs further before airing them.

CT Southington W220CE *91.9 from West Peak, Meriden. Relays WGRS *91.5 Guilford, which in turn relays WMNR *88.1 Monroe.

CT West Hartford W220CH *91.9 from the WTIC auxiliary tower on Avon Mountain. It is said to have a monophonic pickup of WGRS.

MA Brockton WBOT 97.7: Here's more information on its \$21,500 fine (see Aug. p. 5, col. 1.). "Since it went on the air in Oct. 1999, WBOT has been making a name for itself by playing the kind of harder-edged hip-hop and R&B that other local FMs won't touch. Despite its out-of-town base in Brockton, that mix has won a growing audience for the station and parent group, Radio One of Lanham MD. Following the launch of WBOT, the group, which is the country's largest radio group owned by African-Americans, subsequently purchased WILD 1080 AM and a dozen Clear Channel stations for a total of about 50 stations (some are being divested) in nearly 20 markets. In a difficult field and a worse economy, Radio One (and WBOT) looked like a success story.

"The problem seems to be that with all the buying, Radio One didn't check off all the requirements. Earlier this month, according to Scott Fybush's Internet trade journal, North East Radio Watch (www.fybush.com), the Federal Communications Commission issued what is called a notice of apparent liability against the group owner. In brief, the Aug. 10 order by the agency cites the Brockton station's 'willful violations' of federal regulations on such points as a public inspection file, an emergency-alert system, a local phone number for the station, and a means for measuring the station's output. The violations came to light during a March 2000 inspection," writes Clea Simon in the Boston Globe. Under the new owner, WBOT was "a quick start-up and a one-man operation for a while," but the station claims most, if not all, those violations have been cleared up. "When I first heard about it, my initial reaction was to have a heart attack. I knew all these things were done," said Bernadine Nash, former owner of WILD, who is now head of WBOT. The company is requesting another review, one that would note the current compliance of the station, and hopefully lower the fine.

Off Air—Or Not Yet On

MA Harwich Port WDVTV 93.5, perhaps tied to the ratings. In the last Arbitron "The Vault" scored only .5 in the 12+ category

MN Grand Marais WXXZ 95.3, which had been plagued with problems of low modulation, in its pick-up of KQDS-FM 94.9 Duluth MN.

NY New York WKCR *89.9 and WNYC-FM *93.9, along with WPAT-FM 93.1 Paterson NJ. These were the only FM stations off the air after the World Trade Center collapse. WPAT-FM has since returned to the air. All local TVs, except WCBS-TV 2, were off. Talk is that the remaining TVs may move to the historic Armstrong FM tower in Alpine NJ. Some of the local TVs are believed back on, but at very low power, possibly already broadcasting from Alpine. At least five engineers who were at the transmitters atop one of the buildings are feared dead. WKTU 103.5 had its main transmitter atop the World Trade Center, but it has remained on the air, thanks to an alternate transmitter location, most likely the Empire State Building. Heard instead in the area were WOEL *89.9 Elkton MD, WPOC 93.1 Baltimore and WKYS 93.9 Washington DC. WPAT-FM is now Internet only, while WNYC-FM programs are being carried on WNYE *91.5.

TX Amarillo KPQZ 100.9, but earlier was stunting. It was carrying KANZ *91.1 Garden City KS, "on 100.9 with 100 kw," probably an effort to increase tuning-in to KANZ's two area translators. It might also have been a cheap way to provide programming to KPQZ, which is now off the air, "pending legal issues," according to a KANZ spokesperson who didn't know if KPQZ is stereo. The KPQZ phone was unanswered

VA Richmond—Khalid Kubweza convicted of operating an unlicensed station on 91.7 by the U.S. District Court, Eastern District of Virginia. The court found that he willfully and knowingly used and operated an apparatus for the transmission of radio signals without a license. A search warrant was obtained and certain station equipment was seized. Sentencing is scheduled for Dec. 12, 2001. Yet, other pirates continue unmolested. Berkeley Liberation Radio, for example, continues operating on 104.1 with full knowledge of the FCC. "Signs promoting it are tacked to phone poles along University Avenue in Berkeley, and its program listings show up in local weekly/alternative newspapers." It seems the FCC has no set policy here but instead it is up to the discretion/interest of the regional enforcement people." One person advised if the illegal station is operating a technically good facility, not interfering with other services or broadcasters, avoids profanity, and is not the subject of complaints from commercial broadcasters the FCC will not go after such an operation. The FCC is said to act only on complaints.

PQ Matagami CHAD- 94.9, only listed as "authorized" by Industry Canada, with no updating of its record since March, 1991.

Deletions

AZ Camp Verde K285AC 104.9. Licensee J. Christian Damon failed to respond to an FCC letter about not broadcasting in the last 12 months. Letter was returned, "moved, left no address."

LA Monroe W201BX *88.1—at request of permittee.

MI Farmington Hills WORB *90.3—college has "permanently discontinued operations as of 9-22-99."

PQ Laforge-1 VF2157 *93.9. Not in IC database.

FMistakes—FM Atlas-18, FMedia!

AL Greensboro 99.1 calls are WDGW, not "WOGM," Aug. p. 2, col. 2.

AL Montgomery WQKS-FM 96.1—town misspelled p./

AZ Springerville 101.7 is KQAZ (not "KBAZ"). And it's old "Majik" nonID not given, Aug. p. 6, col. 1.

CA Lemoore KGAR-LP is *93.3, not 91.3, Aug. p. 1, col. 3.

CA San Diego 96.5 is KYXY, not "KTXY," Aug. p. 2/

FL Crystal River (not "Crystal Beach") WHGN *91.9, Aug. p. 2, col. 3.

KY Stanford WXYX-FM 96.3, not 96.1, Aug. p. 2, col./

LA Shreveport 93.7 KXKS-FM (not "KXXS-FM"), Apr. p. 2, col. 1. KXXS is 104.9 Marble Falls TX.

MA Lynn WFNX 101.7 and relayers still pr, not rp, as shown Aug. p. 4, col. 2.

MN Duluth WSCD *92.9 has a stray "5 Q C," Aug. p. 5, col. 3 with its listing, caused by a computer driver problem that has just been corrected.

OR Gresham 102.7 is K247AR, not "K274AM" (which is 102.7 Eureka CA), Aug. p. 3, col. 1.

OR Portland—status of KRRC *104.1 unknown now with KJUN Scappoose OR on 104.1, having moved from Tillamook.

TX Dallas KRBV 100.3 is 555 m (not 55 m); still 100000 h.v, Aug. p. 3, col. 1. Its primary reach will be 90 km. [misspelled p. 200.]

TX Gainesville KTXQ 94.5 dual city ID with Fort Worth/PA—

TX Winters KORQ 96.1 Memories 96.1

UT Provo KXRK is 96.3, not 96.1, Aug. p. 5, col. 3. It used to be on 96.1. [1, col. 2.]

BC Ucluelet VF2381 104.9—town misspelled, Aug. p./

SCServices, 57, 67, 92 kHz

Symbols are as in the FM Atlas

AL Huntsville WLRH *89.3 †(), RDS

AR Fayetteville KKEG 92.1 no SCS (had †T)

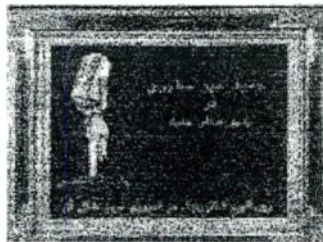
AR Mountain View KWOZ 103.3 no †, M

AR Texarkana KYGL 106.3 †(), RDS

CA Los Angeles KLVE 107.5 †, I, no longer scrambled audio for Radio Sedaye Iran. It began scrambling its signals a year ago, "but was met with tremendous complaints/oppositions so they went back to 'non-scrambled' method. I built several speech scrambler/descrambler kits designed by Ramsey Electronics, model S-S70A, \$39.95 kit or \$79.95 assembled. These worked great in descrambling the signals!" Ramsey, 739 Canning Parkway, Victor NY 14564; 716-924-4550; 1-800-446-2295.

CA Pasadena KPCC *89.3 †I, 67. Is also RSI, but at 67 kHz. WRSI is at 310-888-2818; http://www.wrsi.net

CA Santa Monica KCRW *89.9's 92 is †, I, Radio Sedaye Jadid ("KRSJ"), at 310-458-2900; http://www.krsj.com. And on



AM radio there is KIRN, Radio Iran, 670 kHz, plus there are over 26 TV programs transmitted locally (UHF/cable) or via satellites originating from Los Angeles for the Iranian/Farsi-speaking community, K.L., Beverly Hills.

FL Jacksonville WQIK 99.1 †(), RDS

FL Sebring WWLL 105.7 †(), RDS

IN Richmond WFMG 101.3 †(), RDS

KY Hopkinsville WHOP-FM 98.7 †()

KY Upton WJCR-FM *90.1 †()

MD Hagerstown WETH *89.1 †T, the Washington Ear

MI Marquette WNMU *90.1 still †W, with a relay of KIG-66 NOAA weather radio.

MI Newberry WIHC 97.9 †(), RDS [col. 3]

MN Moorhead KCCM *91.1 †(), RDS

MO Cape Girardeau KGMO 100.7 †()

MO Clayton KFUE-FM 99.1 †(), reading "KFUE-FM"

1. and "CLASSICAL MUSIC FOR ST. LOUIS"

MO Columbia KBIA *91.3 no †R

MO Eldon KLDZ 92.7 no †M

MO Jefferson City KTXY 106.9 no †M

MO Mount Vernon KHTO 106.9 no SCS. Has not resumed its testing or programming on 67 or 92.

MO Poplar Bluff KJEZ 95.5 no †M. "Tower Communications (Muzak) told me they are no longer using SCS," D.J., Springfield.

MT Sidney KTHC 95.1 †(), RDS

OK Oklahoma City KOMA-FM 92.5 †(), "OKLAHOMA'S OLDIES STATION"

OK Poteau KZBB 97.9 †(), "THE ALL NEW B 98"

OK Sallisaw KKBD 95.9 †(), "FORT SMITH'S CLASSIC ROCK STATION."

OK Tulsa KBEZ 92.9 †()

OKWEN 95.5 †(), reading "K 95.5 COUNTRY"

PA—Eric Nelson has traveled in central and eastern parts of the state, as well as in MD-DC and northern VA, noting which stations are utilizing the 57 kHz data SCS for RDS (radio data services) using an RDS equipped car radio. "Nothing that I have seen comes close to the selectivity of this new receiver. The unit is manufactured by Blaupunkt and features their 'DigiCeiver' FM tuner, with a variable IF circuit they call 'Sharx'. A unit similar to this was tested in the May, 1999 edition of Audio." To illustrate the extreme selectivity of this receiver, "I drove past the transmitter of WDAC 94.5, a full power Class B station near Lancaster PA. This station is located atop a ridge of hills with a good line of sight to all directions. With a distance of no more than 100 meters from that transmitter, the Blaupunkt was able to pull in WRDX in Dover DE, over 120 km distant, on adjacent channel 94.7! The audio of WRDX was almost always clear, with only a very occasional hint of adjacent channel interference, plus there was enough signal for the receiver to even decode the RDS data at 57 kHz. If anyone of my fellow readers is looking for a receiver with what I have seen sets a definitive standard in selectivity, I would highly recommend any of Blaupunkt's DigiCeiver models with the Sharx variable IF circuit."

TN Milan WYNU 92.3 †()

TX Wichita Falls KWFS-FM 102.3 †(), RDS

NS Halifax CBHA *90.5 †(), RDS

"I found, as expected, that not all stations which have a 57 kHz data subcarrier use it for RDS. So I think you're making a mistake if you plan to eliminate the '†()' listing in the Atlas just because somebody claims their RDS unit says 'no RDS'. They need to have a tunable SCS adapter and listen too," N.L., Atlanta GA.

NonIDs, Not Just Slogans

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

AL Dothan WTVY-FM 95.5 uses calls, no "CD Country"

AZ Cottonwood KZGL 95.9 The Z

AZ Safford KXKQ 94.1 Kat Kountry 94

CA Sun City KXFG 92.9 Froggy 92.9 (from "K Frog")

CO Grand Junction KJYE 92.3 K-Joy (back to, from "Light FM")

DC Washington WASH 97.1 Soft Rock 97.1 Wash FM

FL Boca Raton-Miami WKIS 99.9 99.9 Kiss Country (from "99.9 Kiss FM"), ID with Fort Lauderdale

FL Bradenton WTBT 103.5 Thunder 103.5 (back to (from "Gulf Thunder 103.5"))

FL Crawfordville WAKU 94.1 Wave 94 (back to)

FL Englewood WYNF 105.9 105-YNF, Sarasota's Best Rock Station

FL Fort Lauderdale WBGG-FM 105.9 Big 106 (back /

FL Fort Myers WWGR 101.9 Gator Country 101.9, ID with Naples-Marco Island (adding Marco Island)

FL Fort Myers Beach WJBX 99.3 99-X (back to, from "The X"), ID with Naples-Cape Coral

FL Hialeah WCMQ-FM 92.3 Clasica 92 (from "Mega/

FL Immokalee WGCQ 92.1 Sold Gospel 92 GCQ

FL Lakeland WSJT 94.1 uses calls, "Smooth Jazz WSJT 94.1"

FL Miami WTMJ 93.1 uses calls, "WTMJ Classical 93.1" (from "93 FM"), ID with Fort Lauderdale and "The Palm Beaches"

WFLC 97.3 97.3 The Coast (from "Coast 97.3 FM")

FL Miami Beach WLVE 93.9 Love 94

FL Naples WSRX *89.5 89.5 Praise FM (from "The Spark"), WSGL 104.7 Mix 104.7

FL Naples Park WBTT 105.5 105-5 The Best Jamz

FL San Carlos Park WDRR 98.5 Dream 98.5

FL Venice WDDV 92.1 The Dove 92.1

GA Savannah WEAS 93.1 spells its nonID 93 Jamz

ID Twin Falls KLIX-FM 96.5 whole nonID is Kool Oldies 96.5 [Twister]

KS Topeka KTPK 106.9 Twister 106.9 (from "The/

LA Richwood KHLL 100.9 The Hill

MI Benton Harbor WHFB-FM 99.9 Kat Country 99.9. It abandoned its home town "in a pitiful attempt to serve South Bend."

MI Gulliver WCMM 102.5 The Moose

MI Hancock WKMJ-FM 93.5 uses calls with "Mix 93.5"

MN Duluth KDAL-FM 95.7 Magic 95.7 (from "96 Lite FM"). No change in format.

MO Kirksville KTUF 93.7 K-Tuf

NH Rochester WQSO 96.7 Oldies 96.7 (back to, from "Oldies 97")

NY Frankfort WKLL 94.9 K-Rock

NY Whitesboro WSKS 97.9 and Little Falls

WSKU 105.5 both 97.9, 105.5 Kiss FM

ND Harwood KGBZ 100.7 The Buzz (strict)

OK Lawton KZCD 94.1 Z-94 (from "94 CD Country")

OR Bandon KBDN 96.5 B 96 The Rock (from "B 96 FM")

PA Easton WODE 99.9 The New 99.9, still o, but now classic hits. It operated briefly as "Classic Hits, the River," but probably forced to give up that slogan by a competitor. The hits are from the '70s. Its oldies format lasted 10 years and "it got a little tired," according to Rick Musselman, station v.p. The new format came on commercial free and with no personalities. Dick Elliott and Maria McDonald from the Oldies 99.9 morning show will not return, but Karen Stone, Bill Sheridan and Scott Adams were expected to return. The Lehigh Valley, where Easton is located, is ranked 67th in radio revenues nationally, according to Arbitron. [Country 105"]

PA Ephrata WIOV 105.1 I-105 (back to, from/



PA Olyphant WXAR 95.7 still using "The Bear"

PA Portage WUZI 105.7 spells its nonID Wuzz 105

PA Selinsgrove WQSU *88.9 88-9 The Pulse (not "89-9 The Pulse"), clarifying what was given last month p. 4, col. 3.

PA Sharpville WAKZ 95.9 95-9 Kiss FM [93.7"]

SC Bishopville WKHT 93.7 Kiss 93.7 (from "Touch/

TN Morristown WMXX Magic

TN Murfreesboro WMAK 96.3 Oldies 96.3

(to) TX Dublin KSTV-FM 93.1 The Mighty 93

TX Kingsville KFTX 97.5 remove "Wild" nonID

VA South Boston WQOK 97.5 K 97.5, removing "Jamz"

WA Medical Lake KTSJ 101.9 Power 101.9

[92"] WA Richland KIOK 94.9 Thunder Country 95 (from "Thunder 95") [Rock"]

WA Walla Walla KXRX 97.1 97 The Rock (from "97/

WI Whiting WYTE 96. Y 96.7 FM (from "Y 96 FM")

AB Grande Prairie CJXX 93.1 Big Country XX FM

AB St. Albert CFMG 104.9 Easy Rock 104.9

ON Bancroft CJNH 97.7 The Moose 97-7 (full nonID). "I was able to pick it up clearly from Whitney to Peterborough, a radius roughly 60-90 km," K.R., Oshawa.

ON Toronto CJEZ 97.3 EZ Rock 97.3 (from "Zed 97.3")

CL Sault Ste. Marie XHQC 93.5 Estereo Sault Ste. Marie [92

CL Torreon XHTRR 92.3 Super/

NL Monterrey XHJD 98.9 D-99

Multi-City IDs In Use

FL Cape Coral-Fort Myers-Naples WXKB 103.9 drops ID with Port Charlotte, now "B 103.9 Today's Hit Radio"

FL Clearwater WSSR 95.7 with Tampa-St. Petersburg

FL Fort Lauderdale WHYI 100.7 with Miami, and no longer with "The Palm Beaches"

FL Fort Myers WAYJ *88.7 with Cape Coral-Port Charlotte (dropping Naples)

WGCU *90.1 with Naples-Sarasota

FL Fort Myers Villas WJPT 106.3 with Naples-Cape Coral, "Silver 106"

FL Lehigh Acres WCKT 107.1 drops ID with Fort Myers, now "Cat Country 107 FM, Today's Best Country" [cities that rotate

FL Marco WAVV 101.1 with Naples and 2-3 other/

FL Naples WTLT 93.5 with Fort Myers-Cape Coral (and no longer with Marco Island)

FL New Port Richey WDUV 105.5 with "Tampa Bay"

FL Port Charlotte WKFF 100.1 adds Cape Coral, followed by Fort Myers-Naples

FL Tice-Fort Myers WJGO 102.9 adds Cape Coral, followed by Naples-Marco Island. Uses calls, "Groovin' 102 WJGO." [other cities

GA Manchester WWFJ 93.3 with Atlanta, dropping/

MA Greenfield WPVQ 95.3 with Brattleboro (VT)-Northampton, "Bear Country 95.3" [Kool 105.5"]

SC Kiawah Island WCOO 105.5 with Charleston/

Selected AM Happenings

CA Loma Linda KCAA 1050 had been talk. Is off the air pending construction of a new transmitter site.

CA Simi Valley KIRN 670, "670 AM Radio Iran" is "attracting a lot of listeners. Many prominent newscasters that were working with KRSI (92 kHz on KLVE 107.5; 67 kHz on KPCC *89.3) have moved over to KIRN."

CA South Lake Tahoe KTHO 590—is an AM station in default, racing against time trying to get back on the

air before its license expires. California judge Jane Myers ordered KTHO licensee Chris Kidd to cooperate in getting the FCC to approve the transfer of his station to Paradise Broadcasting. FCC documents say that Kidd didn't comply with the June 5 order and on July 19 Judge Myers ordered the clerk of court to step in and file as trustee. The clerk, Alan Slater, was approved by the FCC to take over from Kidd, who owes Paradise Broadcasting \$300,000, according to a story in the M Street Journal. "The clock is ticking, because KTHO is currently silent. If it doesn't resume broadcasting by Oct. 18, Slater warns the license will expire."

MI Rogers City WHAK 960 off air "because of the poor management provided by the eye doctor in Alpena." It plans to be back on by the end of this month.

PA Bloomsburg WCNR 930 off the air. It had been talk and sports, but new owners expect to return it as WHLM later this month.

WI—Marty Green, former chairman, Wisconsin Broadcasters Association, writes in the Wisconsin Broadcaster, Sept. 2001: "It does pain me to hear formerly very active AM stations being thrown away as an after thought. AM radio still delivers unique programming not usually found on FM. A good AM can be run economically and still be active in its community. Local radio will not be replaced by any satellite direct to car service."

FMakings—Selected FCC and

Industry Canada Applications

AZ Groom Creek K260AG 99.9 seeks *99.5

CA Sonora K208CZ 89.5 seeks *90.7

MD Fruitland (move from Exmore VA) WKHI 107.5

TX Laporte (move from Willis) KVST 103.7 applies for a C1 to reach part of Houston. KBIU 103.7 Lake Charles LA to downgrade to 103.3C2, and KJCS 103.3 Nacogdoches-Lufkin will file for a downgrade to accommodate. With KAYD 97.5 Beaumont about to change facilities and serve Houston, it is speculated that KVST might try to serve mainly the Beaumont area about to be vacated by KAYD.

WI Wentworth *88.1 27000 h,v; 96 m, adding h, American Family Association, amending its application to specify a site a few km east (to just SE Superior WI).

FM Rulemakings Proposed

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

AR Sparkman 99.7A, Oct. 22, Nov. 6

MI Caseville 105.7A, Oct. 29, Nov. 13

MI Deckerville 105.7A @ 8.7 km NW, Oct. 29, Nov. 13

MI Frederic 95.3A @ 7.6 km E because of WCFX 95.3A Clare and WJZJ 95.5C2 Glen Arbor MI, Oct. 15, 30

MI Harbor Beach 99.1A, Oct. 29, Nov. 13

MI McBain 107.9A @ 9.1 km E., Oct. 22, Nov. 6

MI Port Sanilac 92.9A @ 8.4 km W, Oct. 29, Nov. 13

MS Holly Springs 92.7A @ 12.6 km SW, Oct. 22, No

MO Alton 105.9A, Oct. 29, Nov. 13

NE Firth 93.7A, Oct. 29, Nov. 13 [Nov. 6

OK Broken Bow 106.1C2 at 5.9 km NW, Oct. 22./

OK Hartshome 98.3A @ 12.5 km SW, Oct. 29, Nov. 13

OK Hollis 102.7C2 @ 15.7 km S, Oct. 22, Nov. 6

OK Kiowa 98.7A @ 7.1 km W, Oct. 22, Nov. 6

OK Mangum 99.7C2 @ 25 km W, Oct. 22, Nov. 6

OK Mooreland 104.5C1 at 4.4 km NW, Oct. 29, Nov.

OK Raydon 100.7C2 @ 29.9 km S, Oct. 29, Nov. 13
 OK Valliant 94.7C3, Oct. 22, Nov. 6
 TN LaVergne (move from Shelbyville) 102.9C1, WZPC, Oct. 29, Nov. 13
 TX Baird 96.5C3 @ 14.1 km N, Oct. 15, 30
 TX Buffalo Gap 93.3A, Oct. 22, Nov. 6
 TX Childress 104.1C2 @ 23.6 km S, Oct. 15, 30
 TX Crowell 106.5C3 @ 9.7 km W, Oct. 22, Nov. 6
 TX Dilley 100.7A, Oct. 15, 30
 TX Freer 105.5A @ 6.8 km S., Nov. 5, 20, requested by Jeraldine Anderson, who filed for many of the other TX rulemakings.
 TX Goree 102.9A @ 4.3 km NE because of KHXS 102.7C1 Merkel TX, Oct. 15, 30
 TX Junction 98.5A @ 2.1 km SE, Oct. 29, Nov. 13
 103.3C3 @ 12.3 km S because of KKCX 103.1C1 Ballinger and KEEP 103.1A Bandera, Oct. 15, 30
 TX Knox City 106.1A @ 2.7 km NE because of KKHR 106.3C2 (CP) Abilene, Oct. 15, 30
 TX Leakey 107.7A @ 13.3 km W because of KXTN-FM 107.5C San Antonio and XHPL 107.9B Piedras Negras CL, Oct. 15, 30
 TX Menard 96.3A @ 11.8 km NW, Oct. 22, Nov. 6
 TX Rule 98.5A @ 3.2 km SW, Oct. 22, Nov. 6
 TX Santa Anna 104.3A @ 8.5 km SE, Oct. 22, Nov. 6
 TX Stowell (move from Crystal Beach) 105.3C3 for A, KLTO, Oct. 29, Nov. 13
 TX Sweetwater 92.1C3, Oct. 15, 30

FM Rulemakings Finalized

Filing periods delayed pending announcement of auctions

AL Montgomery 101.9C0 for C, WHHY
 MS Sattillo 102.9C3—denied Olvie E. Sisk's 102.9C3 bid to move WCNA 95.9C3 from Potts Camp. Sisk claims Potts Camp can't support a commercial FM station and challenged the FCC policy of allowing a move of channel from a city only when there are other channels or stations licensed to that city. The FCC, however, was unconvinced, and pointed out that Sattillo has 102.9C3, "which will be made available via an auction." And word is that the FM auction set for Dec. 5 might be delayed again.
 NV Dayton (move from Incline Village) 100.1C1 (from 100.1C2), KTHX-FM. This move coordinated with Incline Village/Reno (below).
 NV Incline Village (move from Reno) 106.9C, KRNO
 TX Mount Pleasant (move from Paris) 101.9C2, KBUS. New licensee, East Texas Broadcasting, is not interested in pursuing the reallocation, so the petition was dismissed by the FCC.
 WA Waitsburg 102.3A—dismissed Jeffrey A. Bruton's petition. He showed no continuing interest in the proposal.

FM As It Was—Or Might Have Been: How's It Doing In Various Markets?

Continuing the historic look at FM radio, as described by J. Frank Beatty in *Broadcasting•Telecasting* magazine, April 8, 1957, he provides an FM sampling. First is the New York market.

The birthplace of fm and hi-fi, WQXR-FM (96.3) duplicates its am service, with the two sold jointly. All live music is stereophonic, which hiflers love. [The stereo was by means

of AM-FM stereo.] Elliott M. Sanger, executive vice president and one of the early good music sound promoters, sees a bright future for fm if used primarily for broadcasting and not functional sidelines. WQXR-FM feeds a number of stations up to 100 miles out, without cost.

WBAI (99.5), originally run by Ira Hirschman who tried to get manufacturers to help finance fm as a set-selling device, is now run by Ted Deglin, public relations man for Madison Square Garden. Musical standards range from short to long-hair. It's now breaking even "and may realize a profit any minute," according to Deglin. WBAI has 30 sponsors, many of them hi-fi stores. The rate is \$40 an hour compared to \$400 for WQXR.

WBFM 101.9, operated by Muzak, has a few sponsors and many who pay for background music. WPAT-FM 93.1 Paterson NJ is a little over a year old, figures it is reaching class advertisers and offsetting the reception problems aggravated by continued erection of new steel buildings.

WOR-FM 98.7's *Music from Studio X* pulled 12,000 pieces of fan mail last fall, 26% of them commenting on the fine fm reception. WWRL-FM 105.1 is separately programmed but only recently started to sell its time. WHOM-FM 92.3 is merchandising vigorously, feeds music to stores and has a Chinese disc jockey show sponsored by Pabst and a string of Chinese suppliers. Chinese fm ownership is double the New York average. WLIB 1190 AM, has applied for 107.5 mc, described as the last open channel in the market.

Los Angeles, according to Pulse, has more fm than am listening. The Pulse study shows two out of three fm listeners like good music, one of three like the toned-down commercials and one out of five emphasize the superior sound. Only 1% mentioned the static-free signals, which should interest the hardy developers of fm who filled the postwar air with sweet claims about freedom from static and the dulcet charms of 25,000 cycles and overtones. Roughly one-eighth of fm homes have hi-fi equipment.

KFAC-FM 92.3 duplicates am classical and semi-classical musical programming, 24 hours a day. Sponsors include California Gas Co., 16 years;

Southern Counties Gas Co., 16 years and Slavick Jewelry, 12 years. Calvin J. Smith, g.m., said the stations carry no alcohol or tobacco accounts. "We tried Kent cigarettes but the roof fell in," he added.

KCBH 98.7 limits commercials to one minute in 20, carrying diversified musical programming. Success stories include Gough Industries (custom hi-fi and MG autos). A. A. Crawford, owner-manager, said he lost \$48,000 the first year after buying from MGM but now is better than breaking even. He owns a music store in Beverly Hills, "a natural combination."

KRHM (formerly KFWB-FM) 94.7 feeds music to 40 Thriftymart stores, according to Harry Maizlish, who added, "We can avoid high am overhead. There's no need to double-spot unless we get greedy." A new Seven-Up contract covers 15 time signals a day.

KRKD-FM 96.3 is leased to Musicast for 24-hour background music. It also sells 25-second announcements. The contract expires this summer, after which Musicast will serve music from its own station, KMLA 100.3. J. B. Kiefer, Musicast president, said 750 music clients are served but countless others bootleg the service, some even having crystals to cut out commercials.

Los Angeles stations have dozens of highly pleased sponsors. The market is living proof that fm, given a chance, can be an effective, reasonably priced advertising medium and an efficient broadcast service.

Starting this week, KUTE 101.9 [Glendale] is offering a new type of time zone programming, gearing music to the hour. The 24-hour news operation is not affected, said R. P. Adams, owner-manager. [A look at other markets continues next month—b.e.]



Here's a brief history of WCLT-FM 100.3 Newark OH, now known as "T-100."

WCLT-FM is one of the pioneer FM stations of Ohio, having started in August 1947. It was licensed to *The Newark Advocate* with 8500 watts of radiated power. The power was increased to 50 thousand watts in 1967. In 1949 a license was granted to *The Newark Advocate* for a 500 watt daytime AM station on 1430. Robert Pricer, one of the original employees,

assumed control of both stations in 1977. WCLT-FM was a charter member of the Cleveland Indians FM radio network which began live broadcasting of the entire Indians schedule, home and away, in 1948. This was one of the first such networks in major league baseball, and the voices of Jack Graney and Jimmy Dudley became famous throughout the country.

Carrying live sport events was very important in building a listening audience for WCLT-FM. There were very few FM radios on the market in 1947, and carrying sports events was a way of building demand for low priced FM receivers. Zenith responded with an FM-only radio in 1948 and sold millions of them (quite a few of them in Licking County). The Ohio State Football games were added to our FM schedule, as well as the Cleveland Browns professional football schedule.

Early music on FM came from special companies that provided record libraries on huge 16" discs. We subscribed to three of them in order to get enough variety of music. In the early 1950s RCA and Columbia records waged a mighty battle to see whether 33 1/3 records of the new smaller size 45 rpm records would prevail. Neither side could deliver a knockout and radio stations had their choice of either size records.

In the 1950s both WCLT-AM and WCLT-FM built their programming around the voices of disk jockeys, with the addition of local news, sports, farm information and other special programs of interest to our listeners.

In 1989, WCLT Radio, Inc. hired a nationally known research firm to do an in-depth survey of listener habits and desires in our coverage area. The result of this effort was the creation of T-100, a 50 thousand watt 24 hour country music station. T-100 had new talent, a brand new CD Country music library, new studio equipment, and very soon a much larger listening audience. WCLT (AM) decided to move to all sports and talk, with the elimination of any music. That is where WCLT Radio, Inc. stands today. Tomorrow may bring some surprising changes in radio broadcasting. Our task is to keep in touch with our listeners in order to respond to their changing needs and wishes.

And would you be surprised to find out that I had some involvement with WCLT-FM? On July 27, 1954, Thomas A. Rogers, g.m., wrote: "We appreciate very much having your



letter telling of receiving our FM signal in Duluth. To the best of our knowledge this is the greatest distance our signal has been received. Our effective radiated power is 8500 watts; and, your description of our program of July 19 is correct. . . I hope you will be able to receive us again."

Former Digital Proponent in England Now a Skeptic

We are told that the future of UK radio is digital, writes Matthew Bannister, a British media critic. The UK radio industry is staking its future on digital radio, a technology that brings better sound quality and room on the dial for many more services. Both the BBC and commercial radio have already invested millions of pounds in digital, but how many people will be prepared to spend £300 on a new set? I am sorry to say this, but I have a terrible feeling that the Emperor has no clothes. The only sets that can receive it are hi-fi components, not portables. At the recent Radio Festival in Manchester heavyweight speakers, from the new culture secretary Tessa Jowell, to the BBC's director general Greg Dyke, bemoaned the lack of affordable digital receivers. Dyke admitted that he had not met a single person outside the industry who owned a digital set. We have been in this position since the middle of the '90s when the BBC first started to invest in digital transmitters. Commercial radio was persuaded on board with automatic extensions of their analogue licences in return for digital investment.

So why have the radio manufacturers been reluctant to join in? The problem is that radio is free—not just free to listen to, but regarded by consumers as free to receive. We feel that radios come free in cars, with hi-fi systems and even in cassette and CD Walkmans. In the future they might

come free with mobile phones and Palm Pilots. Hardly any of us go out to buy stand-alone radio sets and certainly not at the prices digital is likely to cost.

There's another problem: most people are happy with the radio services they have already. Despite a massive increase in the number of radio stations available to the average listener, each of us still uses only around two stations a week and we are not clamouring for more. Greg Dyke says that the BBC has spent £30 million so far on digital and is proposing an additional investment of £15 million. But he sounds nervous. Plunging such substantial sums into a technology which is not a consumer reality. For their part, commercial radio operators are facing a tough advertising downturn. Nervous about takeovers, they worry that their digital investment makes them vulnerable. If the Emperor isn't exactly naked, he's not wearing much more than a skimpy thong.

An earlier article, in the British *Hi Fi News & Record Review*, Jan. 2000, mentioned that the BBC digital broadcasts are all on the same frequency, 225 mhz. "The carrier has some 1536 subcarriers at 1 kHz intervals, and the overall bit-rate is around 1200 kbits per second. So the carrier has to be greatly compressed to include 12 channels of 96 kb/sec per channel." Digital One and Classic FM are trying various lower bit rates. "These low rates are acceptable for information speech, but the HF loss is easily noticeable. There is also more digitisation noise audible. There was no multipath distortion, which might be fine for the moment, but "what happens when there is tropospheric ducting? The signals from a distant transmitter can rise up over 20 dB and cause trouble to the closer station if the 80 km rule is invoked. "AM broadcasting has been ruined by the serious curtailment of HF in the transmissions, and in the most modern receivers, FM at its best cannot now compete with the CD, but it is still well worth listening to. . . But digital radio has brought me the thrill back in radio listening, the thrill that started to diminish a few years after the CD had been introduced. I have found myself listening to more radio music than I have heard

live for years. Yes—I listen now, not just hear a broadcast.”

“The Last Crisis”

On one occasion, when in New York city [I beheld] buildings rising story after story toward heaven. These buildings were warranted to be fireproof, and they were erected to glorify the owners and builders. Higher and still higher these buildings rose, and in them the most costly material was used. [The investors and builders were] piling up magnificent buildings, but how foolish [they were]. As these lofty buildings went up, the owners rejoiced with ambitious pride that they had money to use in gratifying self and provoking the envy of their neighbors. Much of the money that they thus invested had been obtained through exaction, through grinding down the poor. They forgot that in heaven an account of every business transaction is kept; every unjust deal, every fraudulent act, is there recorded. The time is coming when in their fraud and insolence men will reach a point that the Lord will not permit them to pass, and they will learn there is a limit to the forbearance of Jehovah.

The scene that next passed before me was an alarm of fire. Men looked at the lofty and supposedly fireproof buildings and said: “They are perfectly safe.” But these buildings were consumed as if made of pitch. The fire engines could do nothing to stay the destruction. . . The world is stirred with the spirit of war. The prophecy of the eleventh chapter of Daniel has nearly reached its complete fulfillment. Soon the scenes of trouble spoken of in the prophecies will take place.

—Ellen G. White, *Testimony for the Church*, pp. 11-17, written in 1904.

Today, there are more than 30 radio stations operated by the Seventh-day Adventist Church in the United States. “A number of them are using the airwaves to assist in healing the community” following the disasters in New York city and Washington DC involving hijacked airliners. In the District, WGTS *91.9 Takoma Park MD suspended all regular programming, giving regular updates on the tragedy, taking calls from listeners and providing pastors for counseling, and promoting area prayer vigils.

Small-Print Happenings and FM Industry News

Two more members of the Pacifica Foundation board have resigned, helping the enemies of the radio network’s embattled administration. They are David Acosta, a Houston accountant, who was chair of the board, and Karolyn van Put-

ten, president of Western Public Radio. Previously two other members had resigned. Activists are trying to rid the board of any corporate ties, and to democratize the process. Acosta and Van Putten decided enough is enough. “This group of thugs is going to stop at nothing, but the foundation and the radio stations are moving forward despite the hateful campaign. Their agenda will never be adopted by the foundation,” said Pacifica spokesman Michael Powell. Activists cheered the departures, with the “corporate” faction holding only a two-seat majority over the “dissidents” on the board. “All of this means we are closer to a victorious solution than we ever have been,” gloated Juan Gonzales in a press release. Gonzales left Pacifica’s *Democracy Now* in January to lead a boycott against the network. Powell did not know when the board would fill its empty seats.

The FCC’s indecency push seems to be coming more from Democrats. Both Democrats Gloria Tristani (who has just left the Commission for her native New Mexico) and Michael Copps objected to the dismissal of a complaint against WKQX 101.1 Chicago’s discussion of sex between a 27-year-old and a 9-year-old. Copps is suggesting that the FCC require all stations to run aircheck tapes, as an aid to indecency enforcement.

Mike Rice, licensee of WZZQ 107.5 Terre Haute IN, and several stations in Missouri, is losing those licenses because of being a convicted felon. Rice claims the FCC didn’t consider his “handicap” of undiagnosed alcoholism and bipolar disorder. The convicted sex offender has engaged the law firm of Cohn and Marks to file a “petition for equitable relief.” But those arguments were rejected when the U.S. Supreme Court refused to take the case. Rice says he’s been in radio since 1968 and would be lost without a connection to radio. He is running the stations under a special temporary authorization for up to 90 days while the FCC looks for an interim operator. [See list of interim applications, last month pp. 6-7.] Terre Haute AM stations WBOW 640 and WBUZ 1230 will go into Auction 32, and FM WZZQ is headed to Auction 37, now bumped to Dec. 5 and possibly later. Any such “interim operator” may be in it for a long time.

The FCC’s audio services division now has Peter Doyle in charge. He is replacing Larry Eads who ran it during most of the ‘90s. Audio services reports to mass media bureau chief Roy Stewart. It handles AM, FM, FM translator and FM booster services, including sales, license renewals and facility upgrades.

Jim McKernan has been replaced as vice president and g.m. of the Journal Broadcast Group’s Omaha radio stations. “I can only say that I left by mutual agreement,” McKernan said. Steve Wexler, who had a similar assignment in Tucson, was named as McKernan’s successor. The group owns KEZO

92.3, KKCD 105.9, KSRZ 104.5, KQCH 97.7, KMXM 94.1, and three AMs. He had no comment on his departure, as did Journal officials in Milwaukee, except to say, “I love Omaha. I would very much like to stay here. I have to look at the opportunities.” He had held his job five years.

Miriam Longo, writing in *The Atlanta Journal-Constitution*, talks about “voice tracking,” a practice whereby stations “milk DJs for all they’re worth.” For example, Christopher Rude, an 11-year veteran of Atlanta rock radio, is breaking new ground as the first DJ in the market to anchor two major drive-time shows, one live, one recorded. For the past three years he’s been the host of “The Rude Ride Home,” 3-7 p.m. on WKLS 96.1. He now does that show, but it isn’t live and it’s earlier in the day than it was. He’s now the (really!) live morning host on WMXV 105.7 Canton-Atlanta GA. The stations are commonly owned, making voice tracking economic sense for the broadcasters involved. The process is said to be still in its infancy, with voice tracking possible for stations in different markets. Voice tracking is differentiated from syndicated shows, such as Howard Sterns, in that an illusion is created that the show is actually being done live and locally. “There are references to local places and happenings, such as ‘for all of you stuck in traffic on the Downtown Connector,’” Longo wrote.

WKMX 106.7 Enterprise AL is suing the Coca-Cola Co. of stealing its name and colors for its KMX energy drink. WKMX said it’s the top station for young adult listeners in its market and has used the letters as a nonID since 1977. The relationship between the station and its local soft drink distributor were close for 24 years, but it soured this year when WKMX learned of the KMX drink, “which uses similar colors in its packaging.”

From the classifieds: George Sherman has two classic Macintosh MR-78 FM tuners for sale, about \$950 each. They cost new \$1600-1700. Reach him in Apple Valley MN at 952-432-7975.

For sale Radio Shack 12-484 radio with SCS, 67 or 92 kHz. \$35 plus \$7 shipping, SCS Radio Technology, 1-800-944-0630. The FCC some time ago questioned this firm’s modification of radios, saying it should go through an approved testing facility to make sure the modified radios don’t radiate. I advised that an experiment be performed using two radios, one modified and one unmodified, with one radio is set to 106.5 and another to 95.9 to create a “dead spot” 10.6 mhz higher. A test was performed with no difference measured in the radiation of the modified vs. the unmodified radio.

Air talent, B.A. from Central MI U., Specs Howard School of Broadcast Arts graduate. Great copyrighting skills! Leigh Ann Towne, 31270 Portside Dr., #1205, Novi MI 48377; leighann1977@hotmail.com.

FM FORUM

CONTRIBUTIONS FROM READERS

“When might we see a new *FM Atlas*? I realize that you might not be as excited about a new edition, given the massive amount of info on the Internet today. But I can tell you that when I am sitting in a cabin in Minnesota, DXing in my shack, or sitting in a hotel room in New Orleans, the only source that gets the job done, even a 2-year-old-copy, is still the *FM Atlas*. Thank you for a priceless piece of [information].” Bill Nollman, Farmington CT. Until October,

Bruce J. Elving

THE FM RADIO NEWSLETTER
For the broadcaster and the en-
lightened media consumer

Vol. 15, No. 10—October, 2001 "Publishing Estate," 241 Anderson Rd
Esko MN 55733-9413, USA; <http://members.aol.com/fmatlas/home.html>

A newsletter of fact and opinion about FM radio and related technologies—from the publisher of the *FM Atlas*.

Published monthly (although when the annual *FM Atlas* is being prepared there may be no issue). Subscription price \$75.00 annually, single copies \$6.50. ISSN 0890-6718. Phoning? (218) 879-7676. FAX: (218) 879-8333. Copyright © 2001, FM Atlas. E-mail: FmAtlas@aol.com.

New FM Stations, Translators, Boosters, Low Power FM Stations Granted

Translators have less than 100 watts unless shown otherwise; technical parameters for most LPFM stations are not announced, but can be up to 100 watts at 30 meters above average terrain (horizontal, vertical, or both h & v)

AR Horseshoe Bend 106.5 6000 (watts) h,v (horizontal and vertical effective radiated powers); 100 m (meters above average terrain), WRD Entertainment, Inc., permittee.
AR Waldo 99.1 KWDO 6000 h,v; 100 m, George S. Flinn, Jr.
GA Gray 96.5 WJZY-FM (WRNC-FM); WJZY (TV-46) is in Belmont NC. [Faith Assn., LPFM
GA Morganton *94.5 WAQA-LP, g, Ministry of/
ID Boise KTPZ-1 99.1 2000 v, d-a, with 99% power 30-40°, 3% 120-310°, booster of Mountain Home station. [for the Challenged
IN Oolitic *88.9 10000 h,v; 47 m, Broadcasting/
MI Freeland *90.9 240 watts v[vertical only], 65 m, American Family Assn., to be \$, g, in a settlement agreement that saw the dismissal of CSN International's application.
MS Columbus *106.9 RTBT, LLC, LPFM
VA Pulaski *102.9 P. Bible Radio, g, LPFM
PR Mayaguez WZAR-1 101.9 (booster of Ponce station), 99 watts h, d-a
PQ Roberval CHRL 99.5 16600 h,v. It is moving from 910 AM.

Call Letters Assigned

AK Juneau *94.1 KBJZ-LP [noncommercial
AR Hoxie *105.3 KJLV (KOCY), gr, now/
CA Georgetown *95.3 KFOK-LP (not KDPT-LP, as shown last month p. 1, col. 2; KDPT-LP is *102.9 Dos Palos CA).
CA Merced 106.3 KBRE (KIBG)
FL Sebastian 95.9 WINT (from WBKM)
GA Hampton (move from Macon) 107.9 WEGF (WPEZ), facilities to 41000 h,v; 150 m, C2 downgrade, dropping its t() SCS. Transmitter moves to north of Peachtree City GA, ID with Atlanta. Format to s, urban, \$, "Hot 107.9," after a brief period of pr as "107.9 The End." It's expected to take the calls of co-

owned WHTA 97.5, "Hot 97-5," Fayetteville-Atlanta GA. WEGF's format was a disappointment to announcer Ryan Cameron at Hot 97-5, who stormed off the air 90 minutes before his shift was to have ended. He wanted the urban format to immediately move to the higher-powered 107.9. There may be a brief simulcast of the two stations. Cameron came back a week later, looking forward to "Hot" moving up the dial. [Z 93.7"
GA Jeffersonville 93.7 WPEZ (WMGB), m,/ GA Montezuma 95.1 WMGB (WEGF), r, CHR
GA Roswell 107.5 WJZZ (WJZZ-FM), now js, parallel to WAMJ 102.5 Mableton. AM in Kingsley MI has new call letters
ID Rexburg *91.5 KBYR-FM (KPRI); AM is in Anchorage AK [102.3"
IN Auburn 102.3 WXTW (WEJE), "Extreme/
IN Plymouth *105.7 WJUK-LP
IN Valparaiso *98.3 WVLP-LP (FCCorrects itself, from KVLP-LP) (from WYER)
IN Washington 107.9 WAMW-FM (back to,/
IA Osage 98.7 KSMA-FM (KWMM), "Kiss FM" (AM is in Santa Maria CA)
KY Carlisle 92.1 WBVX (WSTL), o, mainly '80s, "B 92." ID with Lexington. It was off all summer, but has come on with C2 facilities. "All promos were recorded out of phase so they can't be heard in mono."
LA Atlanta 106.5 KNSN
LA Lafayette *92.7 KZJM-LP ["Oldies 106.7"
LA Rayne 106.7 KBEB*-FM* (KLTW*-FM*), o,/
MD Baltimore *88.1 WYPR (WJHU), ownership going to Maryland Public Radio Corp.
102.7 WQSR (WXYV)
MD Catonsville 105.7 WXYV (WQSR)
MD Williamsport-Hagerstown 95.9 WKMZ (WLTF), o, classic hits + The Greaseman in morning drive. See WV Martinsburg, below.
MI Muskegon *106.1 WMMT-LP. Note that there is also a WMMT (FM) *88.7 Whitesburg KY. Apparently the FCC is allowing both the "-LP" and regular calls to be the same for different FM stations.
MI Traverse City 101.9 WLDR-FM (WLDR); AM is in Kingsley MI (formerly WJZZ)

MN Moose Lake *99.7 WMLA-LP
MN North Branch *90.3 KMKL (KJLV), "K Love." On air with \$, gr, after having been testing. It mentions the 90.7 translator frequency for "Minneapolis" (actually Golden Valley MN). I doubt K214DF receives its input signal from KMKL, however, since there is KFAL *90.3 with transmitter downtown Minneapolis, very close to where the K214DF receive antenna would be. I think KMKL at least partially functions as a "barker channel" to promote listening to K214DF for people traveling on I-35 after they return to the Twin Cities. The transmitter (195 w at 111m) is located between North Branch and Chisago City. It's the first station in Chisago County. "The sign-on may mean some north metro residents could have a hard time receiving KFAL."
MO Jefferson City 104.1 KLIK-FM (KICQ), k
MO West Plains *90.9 KSMW [Dickinson ND
MT Superior 107.5 KLTC-FM (KREO); AM's in/
NM Los Alamos 106.7 KZNM (KKPL)
OH Findlay W204BX *88.7 (WPCS 89.5 Pensacola FL), v
OK Henryetta 99.5 KXBL (KCKI)
OK Pocola *88.1 KKRI
OR Creswell 95.3 KUJZ (KNRQ-FM), j, smooth, ID with Eugene [Wellington CO
TX Groves 92.5 KCOL-FM (KTFA); o, AM is in/
TX Pearsall 104.1 KMMG
TX Victoria 92.3 KQVT (KVLV) ["Hot 103.9"
TX Wichita Falls 103.9 KKTT (KQXC), still/
UT Monticello *103.5 KAAJ-LP
WV Clarksburg 92.7 WCMX-FM (WVHF-FM); AM is in Leominster MA
WV Martinsburg 97.5 WLTF (WKMZ) mr, soft AC, "Lite 97.5," switching calls and formats with Williamsport MD. "WKMZ had a signal of 50 kilowatts—enough to reach to Winchester VA, Chambersburg PA, Frederick MD and Rockville MD—but it also had a lot of competition. WLTF had a relatively weak signal of 3 kilowatts—but little competition for the kind of pop that is popular in offices. And—most important—listenership of WLTF

has been rising. So Prettyman Broadcasting switched the stations' frequencies. . . The switch will let WLTF get through office walls in a wider area," wrote Geoff Brown in The Morning Herald, Hagerstown MD.

BC Alert Bay *105.1 CBRY (CBRY-FM); there is no CBRY AM in the Industry Canada database.

PQ Dolbeau-Mistassini 101.3 CKII

PQ Riviere-du-Loup 93.9 CIEL-1 (CJFP-1) 103.7 CJFP (CIEL)

Facilities Changes Granted

AL Birmingham WGIB *91.9 3500 h,v; 26 m, d-a, Class C3, with 18% power at 50°

AL Jacksonville WLJS *91.9 6000 h,v; 41 m, d-a, with 57% power 230-240° [downgrade

AL Jasper WDXB 102.5 90000 h,v; 313 m, C1/
AL Montgomery WBAM-FM 98.9 299 m (100000 h,v), C1

AK Anchorage KMXS 103.1 2 m (51000 h,v; d-a)

AZ Casas Adobes (move from San Manuel) K285DL 104.9, 250 h,v. Tower NW Tucson.

AZ Lake Havasu City KJJJ 102.3 (from 92.7) 1050 h,v; 814 m

CA Arcata KHSU *90.5 8500 h,v; 459 m

CA Cloverdale (move from Point Arena) KSRT 107.1 (from 107.5) 1200 h,v; 135 m

CA Coalinga K216FP *91.1 (from K214CW 90.7), v [d-a, with 18% power 260-290°

CA Healdsburg KSXY 95.9 2000 h,v; 154 m,
CA Lake Elsinore K206DE *89.1 (from K204DY 88.7), v [h,v; 50 m

CA Ludlow KDUQ 102.5 (from 105.7) 6000/ h,v;
CA North Fork (moving from Merced 107.7) KAJZ 107.9 1750 h,v; 374 m

CA Susanville K205EK *88.9 (from K206BK 89.1), 250 v [88.7), v

CA Talmage K206DF *89.1 (from K204ER/
CO Holyoke KKYT 92.3 260 watts h,v; 18 m, Class A downgrade

FL Key West W220DF _91.9 (from W218BH 91.50, v. Loses h, now less than 100 watts.

FL Madison WXHT 102.7 19000 h,v; 115 m

FL Port Charlotte WVJ *91.7 3000 h,v; 87 m, d-a

FL Tallahassee WFSQ *91.5 97000 h,v; 221 m

GA Griffin WMVV *90.7 18000 h,v; 144 m, d-a, with 19% power at 270° [seeks 98.7.

GA Homerville WBTY 105.5 6000 h,v (91 m),/
GA Macon WDEN-FM 99.1 100000 h,v; 185 m

GA Ocilla WCAA 97.7 3700 h,v; 127 m

GA Waycross WWUF 97.7 6000 h,v (99 m)

IL Carthage WCEZ 93.9 100 m (6000 h,v)

IL Dacatur WYDS 93.1 4600 h,v; 112 m, d-a, with 67% power 330°

IL Pekin WBNH *88.5 15000 h,v; 178 m, d-a, Class B upgrade, with 52% power 340° to 0°.

IA Clinton KZEG 94.7 100 m (3000 h,v), now "The Eagle 94.7" (from "The Eagle").

IA Osage KWMM 98.7 25000 h,v; 100 m, C3

KS Elkhart K212EN *90.3 (from K252AV 98.3), 250 h,v

LA New Orleans WRBH *88.3 51000 h,v; 190 m
WBSN *89.1 8500 h,v; 190 m

MD Middletown WAFY 103.1 139 m (1000 h,v)

MD Ocean City WRXS 106.9 2050 h,v; 117 m

MD Takoma Park WGTS *91.9 23700 h,v; 186 m, adding v. [d-a, with 18% power 130-250°

MA Woods Hole WCAI *90.1 1300 h,v (76 m,/
MI Gaylord WMJZ 101.5 50000 h,v; 150 m, C2

MI Houghton WOLV 97.7 2400 h,v; 112 m

MI Manistee WVXM *97.7 2500 h,v; 157 m

MN Bemidji KCRB *88.5 100000 h,v; 259 m
KNBJ *91.3 80000 h,v; 259 m, monophonic

MN Lake City KLCH 94.9 5000 h,v, d-a (100 m), with 18% power 50-70° [gospel

MO New Bloomfield KNLG *90.3, still southern/
MO Windsor KWKJ 98.5 2300 h,v; 163 m

NV Dayton (move from Incline Village) KTHX-FM 100.1 12200 h,v; 659 m, d-a; C1. Transmitter to just north of Carson City. [89.3], v, losing h

NM Las Cruces K211EN *91.1 (from K207CJ/
NY Brockport WMJQ 105.5 6000 h,v; 100 m [h,v)

NY Canandaigua WCIY *88.9 318 m (500 watts/
NY Canton WYSI 102.9 (from 96.7) 23500 h,v; 103 m, d-a, with 36% power 230-240°

WRCD 101.5 50000 h,v; 138 m, d-a, with 23% power 30-40° [CP 100.1

NY Lowville (move from Lyons Falls) W261-/
NY Morristown WNCQ-FM 96.7 (from 102.9)

17000 h,v; 108 m, d-a, with 28% power 300-320° [WQBJ 103.5 150 m (50000 h,v)

NY Saint Johnsville (moving from Cobelskill)/
NY Saranac Lake WYZY 106.3 50000 h,v (120 m), C2 [h,v (244 m, d-a), 77% power 280-320°

NY Wethersfield WNSA 107.7 19500/ [0-10°

NC Ahsoskie WBKU *91.7 d-a, with 75% power/
OH Pleasant City WBIK 92.1 52 m (6000 h,v)

OH Ripley WAOL 99.5 13000 h,v; 140 m

OR Florence K207DQ *89.3 (from K204DP 88.7), v, losing h.

OR Medford K204CY *88.7 to relay KLOV 89.3
Winchester (from WPCS 89.5 Pensacola FL), ownership change to Educational Media Foundation [90.7), h,v

OR Roseburg K268AL *101.5 (from K214CM/
OR Scappoose KFIS 104.1 6900 h,v (386 m), C2

OR Talent K209CP *89.7 to relay WPCS (from KLOV), to Pensacola Christian College owner-ship.

PA Duquesne (move from Charleroi) WOGI 98.3 3500 h,v; 134 m. Transmitter in Pittsburgh.

SC Pawleys Island WDAI 98.5 6100 h,v; 203 m

SC Loris WVCO 94.9 11200 h,v; 149 m, C3

TN Germantown WYYL 107.5 3900 h,v; 124 m, Class A downgrade. [508 m, Class C

TX Arlington KLTy 94.9 99000 h,v;/
TX Big Lake KWTR 104.1 100000 h,v; 297 m,/
TX Dallas KYNG 105.3 100000 h,v; 555 m

TX Hemphill KTHP 103.9 4500 h,v; 115 m

TX Hudson (new) 96.3 1350 h,v; 212 m

TX Idalou KRBL 105.7 100 m (5500 h,v)

TX Jacksonville KBJs *90.3 16500 h,v (392 m, d-a, with 18% power at 130°)

TX Krum (moving from Healdton OK) KICM 93.7 14000 h,v; 299 m, no d-a

TX Muleshoe KMUL-FM 103.1 3600 h,v (123 m)

UT Heber City (change from "Heber") K284AJ 104.7 (from K285BP 104.9), h. Town name change also affects K216BR *91.1, K220AY *91.9 and K296AF 107.1. [h,v

UT Provo K284AI 104.7 (from K285EA 104.9),/
UT Randolph KWKD 102.3 96000 h, 611 m

WA Bremerton KRWM 106.9 34000 h,v; 372 m, d-a, with 35% power 70-80°

WA Port Angeles K215DP *90.9 to relay KLOV (from KPLU 88.5 Tacoma), ownership change to Ed'l. Media Foundation. [Hauser, permittee

WA Pullman (new) 97.7 650 h,v; 301 m, Rob A./
WY Laramie K205EL *88.9 (from K204DA 88.7), h,v; changes to less than 100 watts.

PR Aguada WFDt 105.5 304 m (3000 h,v)

Stereo—Or to be \$[tereo]

CA Los Angeles KKLA-FM 99.5, by virtue of its having Saturday night music in true stereo. Continues to offer two SCs.

CO Delta KPRU *103.3

ID McCall KDZY 98.3, k, parallel to KSRV-FM 96.1 Ontario OR, with which it has a dual identification.

IL Mount Vernon WVSI *88.9, tc. Talk and classical, parallel to WSIU *91.9 Carbondale IL.

IN Hanna WHLP *89.9, g, ID with Valparaiso. "But you have to really know it's there, even in Valparaiso. It's squashed between WMBI-FM (90.1 Chicago) and WONU (89.7 Kankakee). WONU is especially strong the way they modulate the music, and it has an audience here. WMBI-FM is quite weak here. WHLP does have a booming signal, but it acts like a translator of KAWZ (89.9 Twin Falls ID) with only one ID an hour." Its directional pattern sends 100% power at 180° (to the south), but only 43% power at 280°, in the direction of Valparaiso, 19 km away.

KY Frankfort WKYw 104.9 o, stereo resumed, parallel to WFKY AM, "but this will likely change."

MN Mahnomen KRJM 101.5, o, via satellite, co-owned with KRJB 106.3 Ada.

MO New London KZZK 105.9, uses calls with "All The Classics . . ." Still IDs with Hannibal-Quincy (IL).

MO Otterville KCVa *107.7, gr, "Spirit FM," taken over by KCVO *91.7 Camdenton MO.

MT Colstrip KMCJ *99.5, g, religious teaching, IDing with KXEI *95.1 Havre, KVCM *103.1 Helena, KGFC *88.9 Great Falls and KPLG *91.5 Plains MT.

MT Superior KLTC-FM 107.5, to be mr. Started off parallel to KLCY 930 AM Missoula MT with m. "But once we get our booster in Missoula on the air, the format will change."

NE Blair KBLR 97.3, m, LMA with KCTY-FM 106.9 Plattsmouth, KQKQ 98.5 Council Bluffs, KZFX

FMedia! Page 3 IL's WZNN Has Unenviable 8th Format Change in 10 Years October, 2001

101.9 Lincoln-AMs. It uses calls, and IDs only as Blair. "We are running it strictly as a Blair station." NM Grants KDSK 92.7, k, using call letters; 1100 AM (KZKL Milan) is classic country. SC Bowman WSPX 94.5, gs, black gospel, parallel to WFMV 95.3 South Congaree. "It's mono now, but will be stereo soon." UT Blanding KBDX 92.1, o, on since June, "Oldies 92-1" (not strict). In an LMA with KUTA 790 AM there. WY Lost Cabin KQYW 99.1, mr, soft AC, ID with Thermopolis and varying second and third cities, "Magic 99," co-owned with Thermopolis. WY Thermopolis KDNO 101.7, to be k, classic country, but only testing so far. NS Mulgrave CBH-FM 2 *103.1 ON Wilno CHCR- 104.5

Monophonic

CA Ontario KFSB 93.5 [dropped stereo]
CA Redondo Beach KFSG 93.5, both having/

Format Changes

Formats are the same as in the FM Atlas

AL Addison WQAH-FM 105.7 k, classic
AL Decatur WRSA 96.9 mr, no "Beautiful 97" [L.A.
AL Smiths WBFA 101.3 still r, adds Rick Dees from/
AR Heber Springs KAWW 100.7 op, classic rock
AR Marked Tree "KJBR 93.7 gr, "Air 1," now non-commercial. In an LMA-to-buy with Educational Media Foundation, which also includes KJLV *105.3 Hoxie (see "Call Letters," above).
CA Arnold KCFA 106.1 expected to change to S, I, and become commercial. It was sold by Northwestern College of Roseville MN for \$900,000 to Nelson Gomez, Debbie Gomez and Ricardo Torres. They have interests in KBYN 95.9 Arnold and KNTD 95.9 Livingston CA (which might move to Chualar CA [see "Rulemakings," below]). Northwestern apparently has no interest in selling any of its other stations, which are primarily in the Upper Midwest.
CA Barstow KXXZ 95.9 so, dropping "96 Kicks"
CA Carmel Bay KODS 103.7 o, classic hits, no "Oldies 104" [Liquidates "Truth Radio"
CA Orange Cove KMAK 100.3 o, classic hits./
CA Santa Maria KXFM 99.1 op, classic rock
CO Ouray KWGL 105.7 op, still "The Eagle"
CO Salida KSBV 93.7 rf in \$[tereo], despite what its logo says. "Salida is pronounced 'Sal-EYE-da', and there is a 93.7 station in Salina KS, which is pronounced very similarly."
CT Berlin WERB "94.5 still r, but for two days was broadcasting parking information for the Berlin Fair. "It was a good time to identify the station, since call letters were given frequently, and it was on all the time," as opposed to when it does high school programming. [adult standards
FL Apalachicola WFCT 105.5 m, Westwood One/
FL Englewood WYNF 105.9 t, hot talk, monophonic
FL Marathon WWWK 97.7 r, CHR



FL Ormond-by-the-Sea WHOG-FM 95.7 still o, classic hits. Drops Bob & Tom.
GA Atlanta WPCB 94.9 continues to have Delilah at night and claims to be light rock, although not as light as before, so color it rm. "They are nowhere near Top 40 (Sept. p. 3, col. 1)."
GA Fayetteville WHTA 97.5 sg, coming late this month, along with an expected calls' change. No "Hot 97-5."
GA Mableton WAMJ 102.5 js, with "a very tightly scripted playlist that consists of two smooth jazz selections followed by one R&B, then two smooth jazz and one R&B, etc. So I think it would make sense to list them s js rather than just j." See also, "Call Letters," GA Roswell.
GA Peachtree City WLDA 96.7 op, parallel to WMXV 105.7 Canton. Both are now "Mix 105.7" (WLDA changing from "Wild 96-7").
IL Bartonville WIXO 99.9 rp
IL Carbondale WSIU *91.9 tc
IL Champaign WEFT *90.1 fj, plus variety. "It is amazing how much variety is offered through the uniqueness of each individual airshifter even in the same musical areas." There is also ethnic programming, including Greek, Jewish, Latino, African and east Indian. Their sole employee (the station manager) is still paid for only 25 hours a week. "But for WEFT to really grow beyond just getting by, since retiring nearly all of our current debt, the station is now focusing on building up our off air fundraisers and increasing our listenership through more consistent public relations ventures," as reported by Mick Woolf, station manager, in the NFCB's *Community Radio News*.
IL Chicago WZNN 94.7 pr, modern rock, still using "The Zone," along with "The New Alternative." "While hardly anyone was looking—or listening—WZNN dropped its 'hot adult contemporary' format and switched to alternative rock. It marks the frequency's third format in less than a year and—believe it or not—its eighth format in the past 10 years. This time, ABC Radio bosses insist, they're in it to win. "We've heard it all," said Zemira Jones, president and general manager of ABC Radio's Chicago stations. "Everything from these guys keep changing every five minutes and don't know what they're doing" to "this frequency is cursed and can't be successful." But I'm used to naysayers. I've made a career out of [proving them wrong]. And I believe we will do it again'. The new format gained a measure of credibility with the hiring of James Van Osdol in the dual role of music director and midday personality. Van Osdol most recently was music director and evening personality at WXRT-FM (93.1)," Robert Feder in the *Chicago Sun Times*.
IL Danville WIAI 99.1 o, classic hits
IN Mount Vernon WYFX 106.7 k, ABC Real Country
KY Frankfort WKYW 104.9 o, \$ resumed.
LA Alexandria KFAD 93.9 o, no "Magic 93.9"
ME Camden WQSS 102.5 r, "rock AC"
MA Harwich Port WDVV 93.5 pr, modern rock, after having been silent and then briefly hot talk/sports
MI Allegan WZUU 92.3 rp

MI Flint WGRI *88.9 gr, "K Love," in an LMA with Educational Media Foundation [105"
MI West Branch WBMI 105.5 r, hot AC, no "Kool/
MN East Grand Forks KZLT 104.3 o, '80s hits, "Z 104" (from "Cities 104.3")
MN St. Paul KSTP-FM 94.5 rm, still "KS-95," but adding "Today's Best Variety Without the Rap," and the music is said to be more current.
MO Ashland KOQL 106.1 r, CHR, "Q 106.1" (from "Kool Jammin' Oldies")
MO Camdenton KCVO *91.7 gr, "Spirit FM"
MO Osceola KCVJ *100.3 gr, "Spirit FM"
NE Bridgeport KAWQ 101.3 k, "Colt Country," apparently parallel to KOLT-FM 103.9 Gering. It is co-owned with KBFZ 100.1 Kimball NE, which was recently heard relaying KOAQ 690 AM with oldies, but that was assumed to be temporary, with KBFZ considered a k(ountry) station.
NV Elko KLKO 93.7 rp
NJ Ocean City WTKU 98.3 rm plus variety, "The New Cool 98.3" (from "Cool 98.3"), not to be confused with WMGR 98.3 New Brunswick NJ with the same format, but known as "Magic 98.3."
NM Grants KXXQ 100.7 o, parallel to KMIN 980 AM, except when KMIN goes sports, KXXQ continues the music format using the KXXQ calls; otherwise, "KMIN" is 100.7's nonID.
NM Los Alamos KKPL 106.7 S, kd, Tejano, no "The Planet" [Had been stunting.
NY South Bristol WLCL 107.3 so, rhythmic oldies./
NC Rose Hill WZUP *104.7 gr, parallel to WAGO 88.7 Snow Hill. Noncommercial operation.
NC Snow Hill WAGO *88.7 gr.
ND Harwood KGBZ 100.7 still o, adds Bob & Tom.
OH Zanesville WJIC *91.7 gt, religious teaching.
PA Laporte WQZI 103.9 returns to the air, stunting with Simon and Garfunkel's *Sounds of Silence*. It is owned by Kevin Fitzgerald, who also owns WPHD 94.7 Tioga PA. It formerly operated as WRPA.
PA Mercersburg WSRT 92.1 r, hot AC.
PA Palmyra WWKL 92.1 o, had been silent.
SC Myrtle Beach WYAV 104.1 still op, dropping Howard Stern.
TN Bartlett WMFS 92.9 pr, modern rock, "93-X" (from "92-9 MFS").
TN Goodlettsville WRQQ 97.1 o, '80s. [Fox"
TX Bryan KNFX-FM 99.5 op, classic rock, "The/
TX Comfort KCOR-FM 95.1 S, r, no "Radio Recuerdo" ["Texas Radio" (from "B 94.7")
TX Corpus Christi KBSO 94.7 km, Americana./
TX Ganado KZAM 104.7 kr, "Texas Thunder Radio" (from "KZ 105"), parallel to KTXM 99.9 Hallettsville and other stations. ID with Victoria.
TX Graham KWKQ 94.7 (having moved from 107.1) k. Uses calls, "94-7 KWKQ." [94.1 Brenham
TX Hempstead KEZB 105.3 k, parallel to KULF/
TX Terrell Hills KCJZ 106.7 sr [Fox 99.9"
VA Chase City WFXQ 99.9 sr, no "Young Country/
VA Salem WPAR *91.3 gr, parallel to WRXT 90.3 Roanoke as "Spirit FM." Adds Roanoke ID.
WA Spokane KYWL 103.9 sr. Had been stunting as KWHK. Now "Wild 103.9." [adding Rick Dees
WV Bethlehem WVKF 105.5 still sr./ [94.5"
WY Casper KMLD 94.5 o, ABC oldies, "Melody/

KMGW 96.7 fm (ABC), "Star 96.7"
 BC Nanaimo CHLY 101.7 sp, using calls with "The Best of Nanaimo." "Chief engineer Kam Abbott and I fired the transmitter up this morning and there appears to be some problem in the stereo generator which was damaged being shipped," with initial testing in mono. However, CKWV 102.3 and CHWF 106.9 supplied a standby stereo generator of theirs, which was to have been used as the station signed on Oct. 1.

CHWF 106.9 rp, "The Wolf 106.9—Nanaimo's Rock Authority" from the same location as CHLY and CKWV 102.3, "The Wave." All three stations "use the same transmitting antenna by means of a combiner which handles VSWR and tuning into the antenna."

MB Winnipeg VF7039, "CKVN" 106.3, or at least it was on recently, after having been off the air since May. It is an events' station, and heard with monophonic middle of the road/big bands' music. It is asking listeners to send letters to the CRTC in support of its application for fulltime operation. There are other contenders for the 106.3 spot in Winnipeg.

NB Fredericton CJPN 90.5 French mr. "I visited the station which is located in the École Communautaire St. Anne—a French elementary and secondary school and spoke with a receptionist and one of the DJs, mostly in French. They described the format as 'Francophone' primarily with an emphasis on Acadienne music (Acadien French is concentrated in our Maritime provinces). Within that category, 'soft rock' was the focus. They also have volunteers who do limited periods, such as an hour a week of jazz. They broadcast from the same tower, the NB Tel one mostly up the hill on Regent Street, as CIXN "Joy FM" (96.5) which you inquired about," P.W., Fredericton. A CJPN spokesman said they use a "dual element" antenna designed to minimize output at the ground level but beam it out to the horizon.

NB Sackville CHMA 106.9 rf plus jazz, \$. An example of a folk program is *Acoustic Fiddle*, heard 11 a.m. to 1 p.m. Saturdays with host Khalil Akhtar. Correct listings pp. 174, 234 to show it as a commercial station.



ON Belleville CHCQ 100.1 k, \$, "Q 100" [92"]
 SK Saskatoon CHMX 92.1 rm, "Lite 92" (from "Kiss/

On Air—Real Stations and Pirates (Selected)

AL Florence WFIX *91.3—FCC admonishes licensee Tri-State Broadcasting Corp. for broadcasting ads in violation of §399B of the Communications Act of 1934, as amended. For example in a Gilbert Furniture 30-seconds' ad was said: "Don't you love meeting new, friendly faces in warm, friendly places? Gilbert Furniture. Don't you love furnishing your home nice and cozy for the holiday season? Gilbert Furniture. . . Gilbert Furniture has all of this, plus

leather, three-piece sets, five-piece small dinettes and much more! Gilbert Furniture, next to Southern BBQ on Wilson Dam Road." And Williams Cleaners (30 seconds): "There's a new name in the dry-cleaning industry in the Shoals, Williams Cleaners. . . And don't forget: same-day service! When you need it fast, let Williams Cleaners help you!"

CA Turlock KEFC-LP *100.5, with a Christian format, believed the second LPFM on the air in that state.

IA—Lifestyle Communications' three stations are headed into court-appointed receivership. Receiver Thomas Burke has filed for FCC permission to assume operation of classic country KIIC 97.9 Lamoni, sports KJJC 107.1 Osceola and sports KLRX 96.1 Madrid IA.

MD Laurel area—pirate heard on 88.3 in mono with play-by-play of what sounded like go-cart races with country music playing softly in the background. No IDs heard. Got out a good 12 km or so.

MN Grand Marais WXXZ 95.3, but with weak audio and monophonic signal. Probably a phase problem.

NY New York WNYC-FM *93.9 on with what appears to be full power.

SD Sioux Falls K217DU *91.3 with "K-Love"
 TN West Nashville area 103.9 pirate relaying WNSR 560, "Nashville Sports Radio."

Off Air—Or Not Yet On

AZ Douglas KEAL 95.3 reported silent.

IA Whiting KKYY 101.3, preparing to move from Blair NE. "I expect it will ID with Sioux City," said Paul Clark at KBRL 97.3 Blair. But FCC says it is licensed at the new site, indicating it should be on soon.

MI Adrian—"Radio Free Lenawee" 99.3 yanked off the air by U.S. marshals. Pastor Rick Strawcutter ran the controversial station from a room in the Church of the Lord Jesus Christ. He's nationally known for battling the federal government over the pirate radio station. Judge Gerald Rosen of the U.S. District Court in Detroit authorized the closure of Radio Free Lenawee. He allowed U.S. marshals to seize some radio equipment, including amplifiers and part of the satellite receiver. The judge would not allow federal authorities to dismantle the 30 m tower, but warned that it would be taken down if transmissions were attempted before the case is settled.

The pastor has been operating the station without a license since 1996. It featured nationally known conservative speakers, and Strawcutter talked about everything from gun control to his own anti-government views. He has been criticized by national watchdog groups, which say he has links to some of the most widely known hate groups in the country. When federal agents first started looking into the station, the pastor kept a gun in its control room. But that is not what concerns the Federal Communications Commission.

The agency accused Strawcutter of operating the station without a license. It contends that the station operated at 8,000 to 10,000 times the power allowed for unlicensed stations. Federal officials allege that the frequency at which the pastor runs his station could interfere with other radio stations and with transmissions from airplanes and emergency communication centers. "What do you mean it could? I'd like to see where it does," Mr. Strawcutter, who represented himself at the hearing, said.

"I've looked high and low for pilots who have had these problems, and I haven't come across one." FCC district director James Bridgewater acknowledged that the stations that complained about Radio Free Lenawee did not say it interfered with their transmissions. "They didn't say there was a technical problem, other than not having a license," Mr. Bridgewater said. Strawcutter is well known among pirate radio operators across the country for fighting the FCC and trying to allow access to the airwaves for all small-powered radio operators. About 50 of his supporters jammed into the courtroom to watch the hearing.

Martha Farnam, who helps out on the program, cried when she heard it would be taken off the air. "What it sounds like to me is that God owns the airwaves he created, not the FCC," Ms. Farnam said. The FCC filed a complaint in federal court in 1997 against Radio Free Lenawee at 97.7 FM because the agency claimed the reverend needed a license to operate the station. The agency later alleged that there was interference to other stations, after which the frequency was changed. In 1999, a judge ruled that the FCC did not have a right to shut the station down because it did not follow its own hearing process before going to court. The FCC pressed on. Mr. Strawcutter has contended that it is unconstitutional for the FCC to crack down on small stations because they do not have licenses, when it is not possible for small stations to obtain licenses. He said it limits freedom of speech. During his hearing, he asked the FCC if it is possible for him to acquire a license.

Mr. Bridgewater said the metropolitan area is congested with frequencies, so no more are available. He said the agency does grant licenses to small stations in other areas. The radio station is "notorious in Lenawee County. Politicians debate on the unlicensed station before elections. Businesses advertise on Radio Free Lenawee," writes Erica Blake of the *Toledo Blade*. Pete Hayes with Hayes Insurance Agency, Inc., of Adrian said he didn't know Mr. Strawcutter's program was off the air until he turned on his radio. Hayes, who describes himself as a supporter of the minister, will be affected by the shutdown in more than a personal sense. He runs paid 30-second spots for his insurance company on Strawcutter's station. "I was just doing it to support him," My Hayes said. "He's a very intelligent person."

Strawcutter is said to sell videos in the back room of his 250-member church that offer anti-government rhetoric and Jewish conspiracy beliefs. He is reported to have said that blacks and whites should not marry and he is anti-homosexual.

MO Columbia KFMZ 98.3 and other stations owned by Mike Rice (see last month p. 7, col. 2). KFMZ is the first station reported missing from the dial, but the others are reported to all be off. The manager of the Terre Haute stations (2 AM, one FM) says the power's off, even the fans. Rice "just lost millions of dollars worth of licenses." Rice himself describes the FCC's treatment of his case as "persecution," according to the daily *M Street Journal*, which says he is turning to the federal courts for justice.

KY Middlesboro WEKM *90.1—initially the FCC said it had deleted, but later accepted the application for ownership change to Eastern Kentucky University.

FMedia! Page 5 Brazilian Broadcaster Plans Plunge Into FM/SCSubcarriers October, 2001

NY New York WKCR *89.9, along with its In Touch and NB Saint John *91.3 is CBD, not "BCD," Sept. p. 2, Chinese SCSes.

Deletions

MO Prairie Home K248AA *97.5
 MO Sedalia K209AP *89.7—both replaced by full-power KCVA *107.7 Otterville MO.
 BC Nakusp 103.1. Its calls would not have been CKKC-1 (pp. 109 and 223), which is Crawford Bay 101.9.

FMistakes—FM Atlas-18, FMedia!

CO Grand Junction KAFM *88.1, a stereo station, is not listed as such on p. 133.
 FL Bonita Springs 96.1 is WRXK, not "WRXX-FM," Sept. p. 2, col. 3. WRXX is 95.3 Centralia IL.
 GA Atlanta—Miriam Longino (not "Longo") is the columnist once associated with the *Atlanta Journal-Constitution* (Sept. p. 8, col. 3), but she is no longer with that newspaper. [Aug. p. 6, col. 2.]
 GA Hapeville (not "Hopeville") WWWE 1110 AM/
 KY Pikeville WDHR is 261 (not 231) m (22000 h.v), Sept. p. 2, col. 1. [p. 3, col. 1.]
 MI Grand Rapids WVGR *104.1 is tn, not "tm," Sept./
 MO Lebanon 107.9 is KCLQ, not "KLCQ," Sept. p. 2, col. 2. [1, col. 3.]
 OK Coalgate 105.5 is KKFC, not "KXFC," Sept. p./
 OR Gresham *102.7 is K274AR, not "K247AR," Sept. p. 4, col. 2. [not given, Sept. p. 5, col. 2.]
 TN Morristown WMXK, "Magic," 94.1 frequency/
 WA Goldendale K211DB was *90.1, not 91.1 (now K213DU 90.5), Sept. p. 2, col. 2.
 BC Atlin 96.1 p. 109 list as CKLB- (not just CKLB)
 BC Chetwynd CHET calls go next to 94.5, not 100.5, p. 108 [p. 108]
 BC Coquihalla Pass *89.9 CBPQ—town misspelled,

col. 2.
 NS Halifax 96.5 CIEZ, not "CIEC," p. 116.
 ON Bancroft 97.7 is CHMS, "The Moose 97," not "CJNH," Sept. p. 5, col. 2. See also Apr. p. 2, col. 3.
 ON Campbellford 93.7 is CKOL, not "CKDL," which is 90.1 Deer Lake ON, Sept. p. 2, col. 2.
 PQ Gesgapegiag CHRG 101.7—town misspelled p. 176. But Industry Canada calls it Maria Reserve.
 PQ Grande-Vallee 92.7 CJMC-4—town misspelled p. 196. [p. 115.]
 PQ La Guadeloupe *92.7 VF8003—town misspelled/
 PQ Lac-au-Saumon *97.5 CBGA-4 (not "CBGS"), p. 176, p. 115 Gaspé area map and p. 116 also have the wrong frequency. [the NS map
 PQ p. 115, map "F" should give p. 116, not p. 98, for/
 PQ Shawinigan VF8001 *88.9, not *88.1, p. 115
 PQ Sherbrooke CIMO-1 106.9, not 106.1, p. 115
 PQ Theford Mines add 105.5 CKLD to p. 115 map.
 NT Nahanni Butte *107.1 (VF2018) add * p. 108.
 CRTC says it is a CBC relay; tm format.
 NT Yellowknife 97.3 (VF2136) add * p. 106, also a CBC relay with a tm format
 100.1 CJCD (not "NY"), p. 215.

YT Beaver Creek *105.5 (VF2359) not on p. 106.
 YT Carcross *105.5 (VF2360) not on p. 106.
 YT Dawson 92.1 station—remove from p. 106.
 YT Destruction Bay 98.1 CHON- add to p. 106 (VF2147)
 YT Ferry Hill *106.1 VF2259, not VF2145, p. 106.
 "I used the *FM Atlas* (18th edition) during my two-weeks' visit (for vacation) to Florida, Alabama, Louisiana and Mississippi in December 2000 very often—and I want to tell you that you did an excellent job! So please notify me when the 19th edition of the *FM Atlas* will be available. Thank you very much for your efforts," Herbert Sturm, Biberbach-Markt GERMANY.

"I have been a fan of what you have done with your publication for many years," Ed Christian, Saga Communications, Grosse Pointe Farms MI.
 "Thank you for your note and the *FMedia!* publications. I have really forgotten how I really enjoyed reading them in the past, and now, I don't know why I didn't renew a long time ago!" D.S., Little Rock AR.
 "The appearance of the September issue is greatly improved, now that the printer problem has been corrected," N.L., Atlanta GA.

SCServices, 57, 67, 92 kHz

Symbols are as in the FM Atlas

GA Gainesville WFOX 97.1 no SCS (dropped RDS)
 IL Olney WUSI-FM *90.3 no †T, 67. That function is now on WWJC *89.1 Mount Carmel IL. WUSI-FM's main channel now tc.
 IA Glenwood KXKT 103.7 †(), reading "THE KAT"
 KY Jenkins WIFX 94.3 †(), RDS
 MN Minneapolis KTIS-FM *98.5 †G, His Kids Radio (formerly the Children's Sonshine Network). It was testing with a relay of the main channel. Does away with the †(), for a more robust 67 kHz signal. Hired away from the KTIS stations and Northwestern College is Wayne Pederson (pictured). He's been named president of National Religious Broadcasters, replacing E. Brandt Gustavson, who died in May. Pederson was



with KTIS some 34 years, lately overseeing its Sky-light program service. I believe he was at WWJC (AM) Duluth prior to moving to KTIS-FM.
 NY Canandaigua WCYI *88.9 discontinues RDS
 NY Copenhagen WBDI 106.7 quits RDS
 NY Ithaca WYXL 97.3 †(), RDS
 NY Syracuse WMHR *102.9 discontinues RDS
 PA Philadelphia WJJZ 106.1 †(), RDS
 PA Williamsport WKJZ 102.7 no RDS, "although this may be temporary."
 WI Rhinelander WXPX *91.7 adds †() with calls.
 ON Kingston CBCK *107.5 discontinues RDS
 ON Ottawa CBO *91.5 discontinues RDS
 BRAZIL—São Paulo area: "We just checked the Brazilian regulations for FM broadcast and respective subcarriers and found out that, at the moment, it just considers analog transmitters within 53 and 99 kHz. We are planning to broadcast on the subcarrier, if possible, two other programs (voice and music) for which we will need some [radios in] sizable quantity," H.F., Consultant, Consultores Associados.

NonIDs, Not Just Slogans

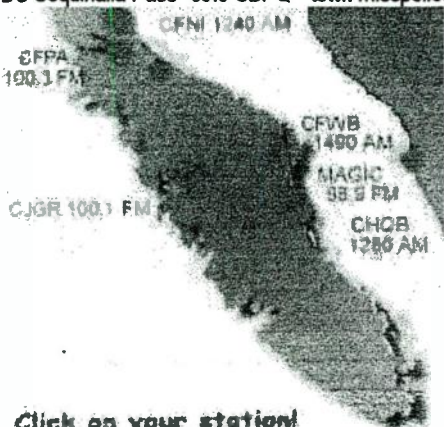
Mentioned usually without call letters; "strict" if a station uses call letters once per hour (at or near top of hour) as required by FCC and Industry Canada
 CO Montrose KKKX 94.1 94 Kicks [Kiss FM]
 CO Rifle KZKS 105.3 Kiss Country 105.3 (from *105/
 DE Fenwick Island WLBW 92.1 Oldies 92.1 & 105.5 (from "The Wolf")
 IL Kankakee WONU *89.7 Shine 89.7
 MD Salisbury WLVW 105.5 Oldies 92.1 & 105.5 (from "The Wolf," parallel to Fenwick Island DE.
 NY Montauk WMOS 104.7 The Wolf (from "Beach 104.7"). Studios now in a casino in Uncasville CT.
 ND Fargo KFGO-FM 101.9 K-102 (from "Moose Country 101.9"), matching the nonID of co-owned KEEY 102.1 St. Paul MN. Visit <http://www.k102fargo.com>.
 UT Roosevelt KIFX 98.5 The Fox 98.5
 WI Superior KRBR 102.5 still "The Bear" (not strict), said to be adding "Real Rock."

Multi-City IDs In Use

MD Braddock Heights WWVZ 103.9 with Frederick, still "Z-104," and adding "Today's Hit Music," with a modern AC format (r). Similarly, WWZZ 104.1 Waldorf MD-Washington DC now r, modern AC, and "Z-104, Today's Hit Music." The stations now have only six minutes of advertising per hour, "half the commercial load they used to have." WIHT Washington DC, "Hot 99.5," claims a victory in toppling Z-104 as a top 40 station.

Selected AM Happenings

AL Calera WBYE 1370 had been off, now black gospel and southern gospel.
 NE KAWL 1370 was earlier reported to have had a national contest to determine who might win this 500-watt AM station. Contestants paid \$1000 to be in a drawing. If the FCC rejected the winner, the prize would go to the second place entrant. "We needed about 1000 entries and if the station didn't get enough, all the escrowed money would be returned," said Tom Robson, g.m., who continues to run KTMX 104.9 there, and which would compete with the new buyer for ads. The deadline came, but not enough entries were received. "We got almost 500 of them, but we needed 1,000 to pay off the stockholders and clear up all the station debt. So even though we have to send back all the money,



Click on your station!

BC Gold River 100.1 CJGR remove * p. 108.
 BC Hazelton CJFW-8 101.9, not 101.8, p. 108
 BC McLeod Lake 92.5 CKKN-1, not CKKN, p. 108
 BC Moberly—remove 104.76 CFMI- p. 109.
 BC Moberly Lake (a separate location from "Moberly"; it is between Chetwynd and Hudson's Hope) add 96.1 VF2077 to p. 108.
 BC Nemaiah Valley 96.1 (VF2228) change "Nemiah" on p. 108 to match spellings on pp. 173, 205, "although both spellings are used."
 BC Peachland—*99.1 CKPL is shown twice on p. 109 (lower right map). Remove the listing showing it above Kamloops.
 BC Smithers *88.1 station (CKEW); add * p. 108.
 BC Stony Creek Indian Reserve 98.1 VF2234, not VF2166, p. 108. VF2166 is 98.1 Tachie.
 NB Grand Falls 93.5 is CIKX, not "CIXX," p. 198.

we got some great publicity from the contest on stations as far away as the BBC in London," said Robson. TX Brookshire KCHN 1050 had been silent; now SK Regina CKCK "62 KOOL" 620, "which had been on life support for several years [leaves] the air after years." CKRM 980 Regina takes over the 620 spot and will simulcast on 980 for a while. Later, CKRM plans to abandon 980 and another station, CJME 1300, to take over 980 "and add another FM station to our airwaves," T. K., Regina. [classical. BN Tijuana XEBACH 540 had been jazz, returns to/

FMakings—Selected FCC and Industry Canada Applications

AL Ozark WAQG *91.7 5000 h,v; C3 upgrade
 AZ Dolan Springs (move from Kingman) KRCY 92.7 (from 105.9) 100000 h,v; 541 m, Class C
 AZ Mayer KFMR 95.1 36000 h,v; 792 m, moving from Window Rock [h,v; 175 m, C2
 AR Van Buren KLSZ-FM 102.3 (from 102.7) 17000/
 CO Hayden KIDN-FM 95.9 6000 h,v; 198 m
 DC Washington WASH 97.1 17500 h,v; 242 m [159 m
 GA Waycross WASW *88.5 (from 91.9) 600 h,v; [C
 HI Honolulu KPOI 97.5 100000 h,v; 572 m, d-a, Class/ [120m
 IL Cairo WBEL *88.5 55000 v, 170 m
 IL Mount Vernon WAPO *89.7 (from 90.5) 5300 h,v;/
 IL Quincy WCOY 99.5 100000 h,v; 149 m, 1-step C1
 WQCY 103.9 1800 h,v; 133 m
 IN Vincennes WFML 96.7 2150 h,v; 118 m
 KS Great Bend KBDA *89.7 4750 h,v; 605 m
 KY Georgetown WXZZ 103.3 2600 h,v; 152 m, d-a
 KY Morehead WBMK *88.5 600 h,v
 MD Takoma Park WGTS *91.9 23700 h,v; 186 m, adding v(ertical)
 MA Hyannis WPXC 102.9 25000 h,v; 52 m, B1
 MI Holton WSHN-FM 100.1 2900 h,v; 144 m, d-a
 MI Marquette WFXD 103.3 286 m
 MI Negaunee WKQS 101.9 307 m [h,v; 136 m
 MN Alexandria (from Sauk Centre) KMSR 94.3 13500/
 MN Duluth WNCB *89.5 (from 89.3) 2850 v, 156 m.
 "The FCC has relaxed its rules to make it easier for stations to be 400 kHz apart. We can do this, despite WWSA Brule WI being on 89.9," A.G., engineer there.
 MN Sauk Centre (from Alexandria) KIKV 100.7 241 m
 MO La Monte KPOW-FM 97.7 (from 97.1) 100000 h,v; 299 m, C1
 NV Las Vegas *91.1 3200 h,v; 100 m, d-a, Southern Nevada Educational Broadcasters
 NM Raton KBKZ 96.5 5400 h,v; Class C2 [h,v; 117 m
 NY Fairport (move from Avon) WBBF-FM 93.3 4400/
 NY Wethersfield WNSA 107.7 19500 h,v; d-a
 OR Toledo KPPT-FM 100.7 17500 h,v; 255 m, C2
 SC Atlantic Beach WSEA 100.3 12000 h,v; d-a, C3
 SC Marion WFSF 100.5 14500 h,v; 132 m
 TN Ripley WAUV *89.7 5300 h,v
 TX Abilene KAQD *91.3 5000 h,v; 115 m, C3 [m, C1
 TX Amarillo KRGH *102.9 (from 103.1) 100000 h,v; 86/
 TX Borger KAVO *91.5 3500 h,v [d-a, C1
 TX Gainesville KDOS 107.9 100000 h,v; 299 m, [m
 TX Highland Village KWRD-FM 100.7 98000 h,v; 606/
 TX Odessa KBMM *89.5 8000 h,v; 163 m, C1
 TX Pampa KAXH *90.5 (from 90.9) 7000 h,v; 62 m
 UT Levan KCFM 96.7 (from 99.1) 100000 h, 576 m, d-a, Class C
 VA Clinchco WDIC-FM 92.1 12000 h,v; d-a, C3
 VA Roanoke WSLQ 99.1 604 m [h,v; 93 m, d-a
 VA Williamsburg WCWM *90.9 (from 90.7) 5600/

WA Montesano (move from Elma) KSWW 102.1 12000 h,v; d-a, Class C2
 WA Mount Vernon KTHY *91.7 308 m, d-a
 WA Sunnyside KAYB *88.7 (from 88.1) 1000 h,v
 WI Burlington WBSD *89.1 210 h,v; 28 m, no d-a
 WY Gillette KAXG *89.7 1000 h,v
 WY Thayne *91.9 120 h,v; 666 m, WY Public Radio
 Nationwide—Low power FM: 232 Window 3 group applications were on the FCC's "Accepted for Filing" list; 123 face opposition, including 90 informal objections and 33 Petitions to Deny (most filed by proponents of LPFM, including Christian Community FM). Applications opposed included 40 Calvary Chapel, 27 NY DOT, 24 proposed EWTN affiliates, 21 M&M Development, 5 Comcristiana (Spanish), 4 Delaware DOT, and 3 miscellaneous.

FM Rulemakings Proposed

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

AZ Chino Valley 92.5A @ 6 km W., Nov. 19, Dec. 4, Charles Crawford, 4553 Bordeaux Ave., Dallas TX 75205 [% Crawford
 AR Arkadelphia 93.5 @ 11.5 km W, Nov. 19, Dec., 4, AR Bearden 92.7A, Nov. 19, Dec. 4, % Crawford
 CA Chualar (move from Dos Palos) 95.9A, KNTO, which has not yet made the move from Livingston CA, thus there would be no deprivation of service to the people of Dos Palos by an existing station, Nov. 12, 27.
 CO Cheyenne Wells 92.7C1, Nov. 13, 27, C.W. Broadcasting, % A. Wray Fitch III, Gammon & Grange, 8280 Greensboro Dr., 7th Fl., McLean VA 22102-3807. [Broadcasting, % Fitch
 CO Flagler 104.5C3 @ 6.5 km W, Nov. 13, 27, F/J
 CO Norwood (move from Telluride) 104.9C1, KRYD, at its preferred site of 32.1 km SE, which is .4 km from KRYD's present authorized site, Nov. 13, 27. This will leave Telluride only with KOTO *91.7.
 CO Stratton 97.1C1 @ 4.3 km E., Nov. 13, 27, S. Bcstg, % Fitch. [Crawford
 MI Bad Axe 94.1A, Nov. 19, Dec. 4, by Charles/
 MO Grandlin 104.5A, Nov. 19, Dec. 4, Chas. Crawford
 MO Moberly 92.5A, Nov. 19, Dec. 4, by Crawford.
 OK Antlers 104.7A @ 6.6 km N. because of a proposed site for 104.3C3 Boswell OK, Nov. 19, Dec. 4, proposed by Charles Crawford
 OK Atoka 105.9A @ 1.8 km SE, Nov. 19, Dec. 4, proposed by Maurice Salsa, 5615 Evergreen Dr., Kingwood TX 77345. [Dec. 4, proposed by Salsa.
 OK Pawhuska 94.5A @ 11.7 km N., Nov. 19, [Salsa
 OK Wright City 93.1A @ 5 km SE, Nov. 19, Dec. 4, TX Asherton 104.7 @ 6.8 km S because of KVOU-FM 104.9C3 Uvalde, Nov. 13, 27, requested by Jeraldine Anderson, 1702 Cypress Dr., Irving TX 75061.
 TX Benavides 104.3A @ 5.3 km S, Nov. 19, Dec. 4, J. Anderson, requestor.
 TX Big Wells 102.1A @ 2.1 km E. because of KUVA 102.3A Uvalde, Nov. 13, 27, Katherine Pyeatt, 6655 Aintree Cir., Dallas TX 75214 requestor. [Anderson
 TX Cotulla 105.7A @ 5 km SE, Nov. 19, Dec. 4, J. Anderson
 TX Early 106.7A, Nov. 19, Dec. 4, J. Anderson
 TX Eldorado 99.5C1 @ 7.4 km S because of KYZZ 100.1C2 San Angelo, Nov. 19, Dec. 4, Linda Crawford of 3500 Maple Ave., Dallas TX 75219. [Salsa
 TX Junction 106.3A, Nov. 19, Dec. 4, requested by/
 TX La Pryor 103.5A @ 8.9 km W., Nov. 19, Dec. 4, K. Pyeatt

TX Matador 92.1C2 @ 20.3 km E because of an application for *91.9C1 at Morton TX, Nov. 19, Dec. 4, requested by K. Pyeatt.
 TX Post 97.7C2 @ 15.8 km E because of a CP for KHDY 97.3C1 Plainview TX, Nov. 19, Dec. 4, K. Pyeatt. [Crawford, requestor
 TX Richland Springs 98.3A, Nov. 19, Dec. 4, Linda/
 TX Turkey 96.7C2 @ 27.1 km SE because of KMML 96.9C1 Amarillo, Nov. 19, Dec. 4, K. Pyeatt.

FM Rulemakings Finalized
Filing periods delayed pending announcement of auctions

MI Manistique 99.9A—denied Roy E. Henderson's bid to overturn the grant of this channel to Todd Stuart Noordyk in Auction 25. Noordyk had the high bid of \$196,000, with Henderson not coming up with the required up-front payment. Henderson changed that Noordyk and another party conspired to bid against him, but the FCC found no merit in Henderson's argument.

MO Bismarck 99.5C3—the FCC denied David L. Shepherd's application for review of the FCC's approval of the Bollinger Partnership's CP (construction permit).

MT Pinesdale 106.7C1 (from McCall ID 106.7C2), CP to Idaho Broadcasting Consortium.

NY Granby (move from Oswego) 105.5A, WTKV. It was mutually exclusive with the application of Clear Channel's WXBB 105.1B De Ruyter to change its transmitter location. The FCC ruled in favor of awarding the channel to Granby, a city without radio stations; however, Clear Channel has 30 days to amend its application to a site not in conflict.

TX Savoy 107.3A at 13.4 km N. because of KOMS 107.3C Poteau OK and KOAI 107.5C1 Fort Worth TX.

FM As It Was—Or Might Have Been: A Wrap-Up of FM Highlights in Various Markets

The April 8, 1957 Broadcasting•Telecasting had an a lengthy article by J. Frank Beatty entitled "How Bright a Future for FM?" Remember, this was before the days of FM stereo, or before there were FM car radios in any quantity to speak of.

First, is the Philadelphia market. Estimates there indicate up to 500,000 fm homes, with the future looking promising. WFLN 95.7, managed by Raymond S. Green, has been a pacesetter for years with its carefully programmed serious music. National sponsors include Air France, American Stores Co. (Acme), Berlitz Schools, Boeing Airplane Co., Denmark Cheese Assn., French Tourist, Charles E. Hires Co., KLM Airlines, LAI Airlines, Lufthansa, Newburger & Co. and Capital Airlines. Mr. Green operates Good Music Broadcasters, Inc., a representative firm. WFLN research credits fm with a much lower

per-inquiry response cost than am and print media.

Other Philadelphia stations are finding added interest in their fm service. WFIL-FM 102.1 has strengthened its evening music service with weekend programming. WIP-FM 93.3 has devoted much time to UN sessions in New York. WCAU-FM 98.1 supplies Muzak background service. WPEN-FM 102.9 conducted a mail survey that shows male listeners to its instrumental music range from engineers, physicians and businessmen to merchants, salesmen and machinists. Housewives and office workers top the female listeners. Advertisers include a radio-tv store, automotive firm, John Middleton tobacco, Industrial Trust Co. and a restaurant. Its rate card shows 122 announcements a week for \$350; 15 a week for \$50.

Next market considered is **Washington-Baltimore**. WWDC-FM 101.1, owned by Ben Strouse, an early and successful fm zealot, is putting out an intricate background music service, based on Muzak discs and standard 45 rpm records, sold widely through beep simulcasting. Mr. Strouse was one of the transit radio pioneers and still gets red-necked about the roughing-up it received from organized opposition that managed to crush a new medium despite failure to get Supreme Court support. The station is experimenting with Plexton multiplex apparatus. Drugcasting music, with announcements, is fed to 86 Peoples Drug Stores; WWDC-FM is about breaking even. WMAL-FM 107.3 began separate programming a few months ago. Mail pull has been "fantastic," according to Frederick S. Houwink, g.m. Separate programming runs from 6 p.m. to midnight, starting with lighter music and graduating to long-hair by 10 p.m. "Fm definitely has a commercial future if the industry figures out how to use it," he said.

An occasional mechanical difficulty at WTOP-FM 96.3 will light up the switchboard like a Christmas tree, said Lloyd W. Dennis, v.p. and sale manager. It duplicates the 50 kw am outlet's programs. [Apparently the early success of WTOP-FM didn't last. They donated the station to Howard University, now on the air as WHUR 96.3. Later it bought a station in Warrenton VA for partial market coverage

as WTOP-FM 107.7. This logo is from a letter that was written July 24, 1950 in response to my reception report of July 16. Clyde M. Hunt, director of engineering, mentioned its effective radiated power as 20 kw, and that it

WTOP

THE WASHINGTON POST STATION
WARNER BUILDING, WASHINGTON 4, D. C.

has been heard in Pontiac, Ill, Tipton, Okla., Littleton, N.C., and Elgin Field, Fla. It was an affiliate of the Columbia Broadcasting System—b.e.]

M. Robert Rogers, president-general manager of WGMS-FM 103.5-AM, pioneered serious music in the market. Everett L. Dillard, operating WASH 97.1, finds a regular response to serious music programming from points up to 75 miles distant. Mr. Dillard fought many of fm's early battles, having put his station on the air in 1945. He notes an intense audience loyalty. WOL-FM (98.7) reports wide interest in an evening good-music service directed by Paul Hume, music critic of the *Washington Post-Time Herald*. [Harold Reed, c.e., WOL-FM, accused my report of having come from the farthest distance to date in his Aug. 9, 1950 letter. They, too, were 20 kw, with transmitter seven miles north in Silver Spring MD.] WITH-FM 104.3 Baltimore started separate programming of serious music four years ago. New sponsors include Baltimore Gas & Electric Co., Cloverland Farms Dairy, Hochschild, Kohn & Co. department store and a moving firm. WITH-FM won't interrupt a symphony for any reason—not even the clock. If a 5 p.m. symphonic program runs to 5:54, the next program gets underway. The station, according to Sam Kravetz, manager, caters to the tastes of a cultural market having a high fm saturation. The FM station is showing a modest profit. Its *Adventures in Music Listening* is fed to 300,000 school children, programmed by grades. Commercials—for Savings Bank of Baltimore and Maryland Cooperative Milk Producers—are catchy, with the youngsters singing them in unison. WCAO-FM 102.7, also with a far-reaching signal, features pop music.

WOL

1450 KC.

WOL-FM 98.7mc

Chicago: One of the earliest and most vigorous advocates of fm, Mr. [Edward A.] Wheeler likes to call his am daytimer a supplementary service to WEAU-FM 105.1 Evanston. "We just plain have more listeners on fm than we do on am," he said. With operating costs "very nominal," he said fm revenue "is largely responsible for the profit of our operation as a whole." He claims 1,700,000 listeners in the fm primary area, far surpassing what his AM provides.

WFMT 98.7, operated by Bernard Jacobs, was one of the three Alfred I. Du Pont Radio and Tv Awards winners for its role in using broadcasting "to enlarge and enrich community experience." The station has a program guide with 14,500 subscribers who pay \$4 a year. Bowman Dairy, through J. Walter Thompson Co., runs four hourly commercials in the 6:30-9:30 a.m. classical music period. The agency was "astonished" at the quantity and quality of letters. The series was renewed after a successful 13-week test. FM "has never been properly promoted on a national basis and the use of joint am-fm call letters has confused the public," Jacobs cried.

The final market considered is **Kansas City**. KCMO-FM 94.9, a Meredith station, managed by E.K. (Joe) Hartenbower, is in its fifth year of good music programming. The plan started in 1953 as a two-month experiment. It quickly met an "overwhelming response," Hartenbower said. "We want to make fine music a self-supporting part of American business life," he said. The station finds 23.6% of metropolitan Kansas



City homes have fm sets and use them. Monthly program schedules are printed, but the station can't get *Star* listing. Satisfied advertisers include High-Fidelity Center and J. C. Nichols Co. [The logo is from an Aug. 29, 1958 letter from Karl Troeglan, technical director. He writes: "We have been running our FM station since 1948, always with separate programming of the type you heard. It has been an uphill pull but now we have a very substantial and loyal audience. It has certainly been worth the effort." I was to visit KCMO-FM a year later with a

student of mine from Kansas State University. I recall the announcer, who emerged from a small booth, complaining about the cramped quarters, especially considering what KCMO (AM) had.

It had just placed the FM antenna near the top of the self-supporting tower that I could drive under, next to the studio building. Later I noted the call letters had changed to KFMU, but now it's back to KCMO-FM, "Oldies 95.7"]



The BBC will switch on its new high power VHF radio transmitters in Wrotham, Kent, 11 December 1981, says a dated press release from London. The new transmitters, twice the power of those that have done service for the last 26 years, will broadcast through a special new aerial system designed to give a marked improvement in reception on portable and car radios. A new mast, 177 metres high, has been built alongside the old one, which was originally used for some of the early experiments in VHF radio broadcasting 30 years ago. The new mast carries the new mixed polarization aerials which will reach 13 million people in London and the Home Counties.

The Wrotham station broadcasts three national VHF services: one is shared between Radio 1 and Radio 2, one is used for Radio 3, and the last carries Radio 4 but includes some educational programmes. Wrotham is the first step in re-engineering all the VHF transmitting stations, many of which employ equipment a quarter of a century old. The £50 million programme will improve audibility of VHF radio over the whole country. The BBC radio report stated emphatically that, in the future, all radio services should be primarily on VHF (or FM). The Radio Changes of 1978 were a last attempt to make, in the circumstances, the best use of the diminishing resources of the overcrowded FM (AM) and LF (long wave) bands. Aubrey Singer, managing director of BBC Radio says, "VHF now offers the opportunity to make all the national services audible throughout the UK and the re-engineered Wrotham station is the first step on this road."

NAB Fights, Wins Battle to Prevent Satellite Repeaters From Doing Local Programming

In FM radio, they're called translators or boosters, those little things that relay a main station signal into cities or areas where reception of the primary is marginal. In satellite terminology, they're called gap-fillers. Those are devices designed to provide service to auto radios from the new systems being put into place by XM and Sirius. They'd be located in metro areas where the direct signal might be shielded by buildings, overpasses or tunnels, maybe later in rural areas where mountains could get in the way. Anyway, the National Association of Broadcasters charged that the repeaters proposed by the companies would be a loophole that would allow satellite broadcasters to use those repeaters for local programming. They would thus compete with regular broadcasters for the local audience and advertisers.

But the FCC has since made it clear that local programming is not to be aired on those repeaters. NAB President Eddie Fritts said, "We're pleased the FCC has explicitly barred satellite radio companies from using their extensive high-powered terrestrial repeater network from originating local programming. We expect the final FCC rules authorizing this service will keep this prohibition in place."

Small-Print Happenings and FM Industry News

Alaska FM translators that refuse to shut down are the subject of \$140,000 in FCC fines. Peninsula Communications defied the shutdown order and has continued the operation of such translators as K285EF 104.9 Kenai AK. Peninsula not only has failed to shut them down, but is talking about taking the case on appeal to the D.C. Circuit Court of Appeals. The FCC charges they're retransmitting signals from outside the primaries' primary areas.

Remember the FM auction the FCC had rescheduled for Dec. 5? Well, it's being delayed indefinitely. It's all because Congress and the courts have interjected non-commercial, educational applicants into the process, ruling none of those need go the auction route. The FCC states that "each of the vacant nonreserved FM allotments included in Auction No. 37 is potentially impacted," which might mean for each of the 350 allotments there could be at least one noncommercial applicant.

Bye-bye FCC mass media bureau. The FCC made it official last month. It'll be replaced by a larger "media bureau." Cur-

rent mass media chief Roy Stewart will head up the new "office of broadcast license policy" inside the new bureau. The new bureau will be headed by Ken Ferree, who is currently cable bureau chief.

Obituaries: Mark Rider, KLTY 94.9 Arlington-Dallas-Fort Worth TX, 44, from a heart attack. Rider produced "one of the most successful CHR formats in the [Christian contemporary] genre while program director for the WAY-FM Media Group. Rider formerly hosted the *CCM Radio Magazine*, heard in syndication nationwide," reports *NRB* magazine.

Dave Hicks, former NAB radio board chairman, just before his 63rd birthday, of cancer. For years he owned WKFR 103.3 Battle Creek MI, and was current owner of WRBR 103.9 South Bend.

The FCC has issued a proposed rule making to allow the ownership of radio and TV stations with daily newspapers. It noted there are 50 grandfathered newspaper/broadcast combinations, along with four permanent waivers. It also invites comments on steps needed to minimize any significant adverse impact on small entities (newspapers or stations). This prompted FCC Commissioner Michael J. Copps, the Commission's only Democrat, to comment: "I welcome the Commission's intention to take a thorough look at the issue of cross-ownership of newspapers and broadcast stations in local communities. [Chairman Powell] and I want the best possible data and analysis to base our judgments on."

From the classifieds: Ramsey FM-100 hobby transmitter, stereo FM, 25 mw to 1 watt (modified?), like new \$375. Gene Whittenberger, PO Box 396, Mexico IN 46958; 765-985-2224. "That's too much money. I can supply one for about \$250," D.J., Springfield MO (see Dave's ad, last month p. 8, col. 3).

Tepeco FM translators (two available), used 2 years, like new, \$2000 each. Curt Marker, WHWL (95.7), 130 Carmen Dr., Marquette MI 49855; 906-249-1423.

Free network. Beautiful music, 24/7 via satellite. Free sample at cpmusic.com. Contact Tim Kochis@MindSpring.com or 423-396-3743.

Radio manager: WQQM 98.3 Park Falls WI. Convert your leadership, success, experience and effort into equity. [I can get that 100 kw station, albeit with a bit of fading, here in Esko MN.] It claims to serve a 70 mile radius. Contact Roger Utneher, Nicolet Bcstg., 3030 Park Dr., Ste. 3, Sturgeon Bay WI 54235. EOE.

FM FORUM

CONTRIBUTIONS FROM READERS

WRPN *90.1 Ripon WI has been quite busy since the tragedy. It teamed with other Ripon College organizations to collect donations for the Red Cross Sept. 11 fund. This helped the groups raise over \$1000. "We are in the process of developing a 'CD for charity' which will feature songs performed by Ripon students. Initially, we were going to donate all the proceeds to area food pantries. Now, we may split the proceeds among the food pantries and the Sept. 11 fund. The CD is set to be released in November. On the air, we've sponsored two discussions/forums. One featured Ripon faculty with expertise in the area of terrorism and such and the other was an open listener forum to discuss the whole tragedy."

Until November. 

THE FM RADIO NEWSLETTER Vol. 15, No. 11—November, 2001 "Publishing Estate," 241 Anderson Rd
For the broadcaster and the enlightened media consumer **Esko MN 55733-9413, USA; <http://members.aol.com/fmatlas/home.html>**
A newsletter of fact and opinion about FM radio and related technologies—from the publisher of the *FM Atlas*.

Published monthly (although when the annual *FM Atlas* is being prepared there may be no issue). Subscription price \$75.00 annually, single copies \$6.50. ISSN 0890-6718. Phoning? (218) 879-7676. FAX: (218) 879-8333. Copyright © 2001, FM Atlas. E-mail: FmAtlas@aol.com.

New FM Stations, Translators, Boosters, Low Power FM Stations Granted

Translators have less than 100 watts unless shown otherwise; technical parameters for most LPFM stations are not announced, but can be up to 100 watts at 30 meters above average terrain (horizontal, vertical, or both h & v)

CA Big Bear Lake *105.5 Calvary Chapel of Big Bear, LPFM [University, LPFM

CA Malibu KWVS-LP *101.5 Pepperdine/
CO Brush K220IM *91.9 (KTLF 90.5 Colorado Springs), 250 watts h,v, in a settlement agreement. An application by KLDV 91.1 Morrison CO was dismissed.

CO Carbondale *107.9 State of CO Telecommunications Services, LPFM [LPFM

CO Craig *99.7, State Telecom. Services,
CO Delta *99.1 State Telecom., LPFM

CO Kremmling *107.9 State Telecom., LPFM
CO Limon 93.7 1000 h, -32 m, Limon Broadcasting, in a settlement agreement.

CT Enfield *107.7 Asnuntuck Community College, LPFM

CT West Hartford W251AA *98.1 (WFAR Danbury). Heard back on air, with Portuguese, although not in FCC database any longer. [of Hip Hop, Inc. LPFM

GA Atlanta *106.3 Fellowship/ [Bcstg., LPFM

IL Centralia *103.7, g, DayStar Christian/
IL White Hall *88.3 1800 h,v; 75 m, Cornerstone Community Radio in a settlement agreement, with Winchester Public Radio withdrawing its application for Winchester IL. See also "Deletions." [ing Service, LPFM

IN New Castle *107.5, New Castle Broadcast/
LA Opelousas *103.7 Southern Development Foundation, LPFM

MA Nantucket *89.5 78 watts horizontal, 500 watts vertical, 36 m, N. Public Radio in a settlement agreement, with Broadcasting for the Challenged's application dismissed.

MI St. Helen *91.3 3000 v, 120 m, Great Lakes Community Broadcasting, Inc.

MI West Branch *107.3 West Branch Seventh-day Adventist Church, LPFM

MO St. Joseph *91.9 10000 h,v; 150 m, Calvary Chapel of St. Joseph, Inc. in a settlement agreement. See also "Deletions."

MT Hamilton *900.3 730 h,v; 101 m, d-a, with 40% power at 10°, Faith Communications Corp. See "Deletions," with the former translator having the same owner. [LPFM

NV Jackpot *93.9 Jackson Combined Schools,
OH Magnolia *106.1 Sandy Valley Baptist Temple, LPFM

OK Alva 97.5 50000 h,v; 150 m, George S. Flinn. Originally, 103.5 was asked for.

OK Bartlesville *89.1 1 watt h, 50000 v, 113 m, d-a, with 60% power 180-190°, Educational Media Foundation.

SC Clinton *97.1 Presbyterian College, LPFM

SC Tigerville *95.5 N. Greenville College, "

TX Bushland *91.5 1000 h,v; 80 m, Kanza Society, Inc. in a settlement agreement that saw applications by CSN International and Broadcasting for the Challenged dismissed.

UT Logan *106.1 City of Logan, LPFM

AB Jasper 92.3 30 watts v, -15 m, tr format, with a tape loop of local information for 10 minutes every hour; for the remaining 50 minutes it will relay an Edmonton radio station, starting with CIRK 97.3; Athabasca Motor Hotel, Ltd.

AB Rimbey VF8020 *93.3 2 watts v, 41 m, g, Church of the Nazarene of Rimbey.

BC Cranbrook CKFR 102.9 (replaces 570 AM CKEK), 1600 h, 680 v, 1048 m, \$, m format, Columbia Kootenay Bcstg.

BC Fernie CFVR 99.1 470 h,v; 313 m, d-a, r, adult contemporary/hits, \$, replaces AM stations CFEK 1240 Fernie and CJEK 1400 Sparwood, Columbia Kootenay Bcstg. Ltd.

BC Parksville CIBH 88.5 960 h,v; 110 m, d-a, \$, Class A, o, "adult and oldies," music aimed at ages 25-54, Central Island Bcstg. Ltd., replacing CKCI 1350 AM.

BC Prince George CFUR *88.7 4 watts h, -116 m, mono, on air, e(ethnic) format, Education Alternative Radio Society, campus-based station with English and Native languages, plus Russian, Japanese, Mandarin,

Cantonese, German and Spanish.

BC Vernon CIGF 105.5 46000 h,v; 71 m, d-a, Telemedia Radio West, Inc., \$. Replaces 1050 AM.

ON Fort Frances CFOB 93.1 (replacing 640 AM) 21000 h,v; 81 m, \$, m, Fawcett Bcstg.

ON Hanover CFBW *91.3 5 watts v, 13 m, \$, to train students. Bluewater Community Radio; studios in a high school.

ON Little Current CFRM *101.1 1 watt h,v; -16 m, rt format, \$, a developmental community station with "a wide variety of music targeting young adults," along with public safety messages and local info; MSD Computer Corp.

ON Pigeon River (border crossing from MN) CIPR 97.3 2 watts v, -21 m, t, a commercial TISation for Thunder Bay-bound tourists with up to 6 minutes of ads allowed per hour; 1333598 Ontario, Ltd.

ON Sudbury 101.1 50 v, 60 m, gr, \$, Christian pop, rock and dance for ages 14-24, David Jackson.

PQ Cauvet (50-21-17; 72-46-16) VF2383 89.9 50 v, 52 m, relay of CJAB 94.5 Chicoutimi.

SK Cartyle Lake Resort (also known as White Bear Lake Resort) at 49-45-22; 102-16-37 97.7 46 watts v, 43 m, English/Native station, owned by White Bear Children's Charity, Inc.

Call Letters Assigned

AL Birmingham 106.9 WBPT (WODL), o, from the '80s on. Both this and Homewood are Cox stations.

AL Homewood WODL (WRLR), o

AL Sylacauga 98.3 WAWV (not changing to WTRB-FM), facilities to 2250 h,v; 166 m.

AK St. Michael *92.9 KAMP-LP

AZ Dolan Springs 105.7 KOAS (from KBYE), still *107.5 The Oasis. [Victorville).

CA George 100.7 KATJ-FM (KATJ; AM is in/
CA St. Helena *106.5 KSHC-LP

GA Colquitt *103.3 WQOC-LP

GA Fayetteville 97.5 WEGF (WHTA), "Praise 97.5 FM," gs format, discontinuing Atlanta ID. It plays 60 percent gospel superstars like Yolanda Adams and Donnie McClurkin and

40 percent choir selections. "In a radio world dominated by R&B, rock and country, gospel music has often been relegated to static-filled AM stations or Sunday morning specialty shows. But Radio One, the nation's largest black-owned broadcaster with 65 radio stations, is seeking to fill a perceived gap," writes Rodney Ho of the *Atlanta Journal-Constitution*.
 GA Hampton 107.9 WHTA (WEGF), still "Hot 107.9."

GA Peachtree City 96.7 WXV (WLDA), ID with Atlanta; still parallel to WMXV 105.7 Canton.
 IN Huntington *105.5 WQHC-LP
 IN Valparaiso *93.5 WITW
 KY Russellville-Nashville TN WUBT (WZTO) 101.1 s (hip-hop), "The Beat." It was not much of a factor competing in the market with "Way-FM" (WAYM *88.7 Columbia TN) with Christian contemporary

MD Oakland *95.3 WEYM-LP
 MI Cassopolis *97.1 WLWZ-LP
 MI Freeland *90.9 WWZP
 MI Temperance *107.9 WMLZ-LP
 MN Caledonia-La Crosse WI 94.7 KCLH (KSFF) now o, classic hits. It was playing patriotic music for a while between formats.

MN Spicer *96.9 (not 95.9, as given Aug. p. 1, col. 1) KGLH-LP
 MS Columbus *106.9 WQTP-LP
 MS Glen *97.1 WTRR-LP
 MS Hattiesburg *105.3 WQID-LP [Country]
 NE Bridgeport 101.3 KOLT-FM (KAWQ), "Colt"
 NE Gering 103.9 KOZY-FM (AM is in Grand Rapids MN; from KOLT-FM)

NV Wendover 102.3 KVUW (KOAS)
 NH Walpole 96.3 WCFR*-FM (WLPL)
 NY York on WQHT 97.1's 92 kHz "WGRR" (from "WMNB"), now with Russian and Jewish.
 OH Springfield-Dayton 102.9 WDHT (WING-FM), "Hot 102-9"

OK McAlester *93.3 KJRM-LP
 OR Eugene 97.9 KNRQ-FM (KKT), p
 PA Hazleton 97.9 WAOZ (WXBE), "97-9 & 95-7 Z Rock" [95-7 Z Rock"
 PA Olyphant 95.7 WEOZ (WXAR), "97-9 &
 TN Shelbyville 102.9 WBUZ (WZPC), still "The Buzz 102-9" [AM is in Loudon TN
 TN Sweetwater 98.3 WLOD-FM (WDEH-FM);/
 TX Hudson 96.3 KLSN
 VT Springfield 93.5 WXXX (WCFR*-FM)
 VA Coeburn 99.7 WZQK (back to, from WVSG), applies for 2000 h,v; 307 m, Class C3.

WV Sutton 97.1 WDBS (WCKA), "The Boss 97" (strict), ID with Summersville. Now \$[tereo]. "New owners took over in 2000 and converted it to stereo. The format remains country, with only the call letters changing to reflect our 'Boss' slogan. We haven't promoted the call letters' change in the local market." Poised to increase power to the equivalent of 50 kw at 150 m. The logo, nearby, is from its website: <www.theboss97fm.com>.

AB Siksika 103.1 CHDH, 35 m (25 h, d-a)
 BC Kamloops *105.3 CBU-FM4, \$, 127 m (4750) h only
 ON Wilno 104.5 CHCR-1, 21 m (35 v), \$
 PQ Trois Pistoies 93.9 CIEL-4 (CJFP-4)
 PQ Sully 93.5 CIEL-5 (CJFP-), with 103.7 CIEL Riviere-du-Loup as primary.

Facilities Changes Granted

AL Florence W253AH 98.5 (from W252AO 98.3), h,v, adding v[ertical polarization]
 AK Kenai K206DG *89.1 (from K209CG 89.7), h
 AZ Tusayan KSGC 92.1 4100 h,v (102 m)
 AR Hatfield KILX 104.1 28500 h,v; 143 m
 AR Mena KQOR 105.3 12500 h,v; 143 m
 CA Havilah K258AN *99.5 (from K204DC 88.7), v (loses h)
 CA La Quinta KUNA 96.7 970 h,v (177 m)
 CA Lemon Grove K210CL *89.9 to KCRW 89.9 Santa Monica (from KLVJ *100.1 Julian CA, in an ownership change). Probably picking up the co-channel signal via a satellite feed.
 CO Lompoc KWSZ 105.1 420 h,v; 371 m
 CA Mission Viejo KSBK *88.5 1500 h,v; 214 m, d-a, with 52% power 340-0° (340-360°).
 CA Riverside KELT 92.7 280 watts h,v; 449 m
 CA Willits K265DQ *100.9 (from K212AP 90.3), v
 CO Aspen KSPN 103.1 (having moved from 97.7)
 CO Salida KSBV 93.7 1000 h,v (830 m), C2
 DE Selbyville WOCM 98.1 3000 h,v; 143 m
 DC Washington WASH 97.1 17500 h,v; 242 m
 FL Neptune Beach (move from St. Augustine) WFKS 97.9 [h,v; 159 m
 GA Waycross WASW *88.5 (from 91.9) 600/
 IL Pana (move from Taylorville) WMKR 94.3 5600 h,v; 104 m
 IL Quincy WCOY 99.5 100000 h,v; 149 m, moves across the river and qualifies as a C1
 WQCY 103.9 1800 h,v; 133 m, transmitter in Missouri, NNW Palmyra, W. Quincy.
 IA Storm Lake KAYL-FM 101.7 50000 h,v (122 m), on air with this C2 downgrade.
 KS Hutchinson KSKU 97.1 50000 h,v; 150 m, C2
 KY Bowling Green WWHR *91.7 1300 h,v; 114 m, adds vertical
 KY Lebanon Junction (move from Bardstown) WOKH 96.7 6000 h,v; 100 m
 LA Baker WJNH 107.3 4270 h,v; 118 m
 LA Hammond WHMD 107.1 3230 h,v; 138 m
 LA Houma KCIL 107.5 28800 h,v; 198 m, C2 downgrade.

MI Hemlock (move from Mount Pleasant) WCEN-FM 94.5, from its present site [AC 93.3], h,v
 MN Sandstone W228BD *93.5 (from W227-I
 NE Lincoln KUCV *91.1 19500 h, 100000 v (210 m), having made the move from 90.9. It is now fully spaced on the dial from KRNU *90.3 Lincoln and spaced so that Omaha listeners with car radios can get it, farther away in frequency from local KVNO *90.7. Nebraska Public Radio "does not have an Omaha station."

NV Argenta (not "Argentia") K203DP *88.5—location is NE of Battle Mountain. [102.3], h,v
 NV Carson City K273AF 102.5 (from K272DR/
 NM Tatum KTUM 107.1 280 m (100000 h,v)
 NY Lake Success WKTU 103.5 8000 h,v; 259 m, now using its auxiliary site. Seeks 6000 h,v; 415 m. [rectional antenna]

NC Calabash WYNA 104.9 remove d-a (dir-/
 NC Elkin WIFM 100.9 470 watts h,v; 215 m
 OH Canton WKDD 98.1 50000 h,v; 105 m
 OH East Liverpool WOGF 104.3 26400 h,v; 207 m, d-a, with 50% power at 300°
 OH Newark WNKO 101.7 4100 h,v; 121 m
 OK Ponca City KIXR 104.7 (from 100.1) 25000 h,v; 89 m, C3, but may still be operating at only 6 kw, its licensed power (91 m). [88.1)
 OK Woodward K204EQ 88.7 (from K201FM/
 OR Bend KMTK 99.7 30000 h,v; 189 m, d-a with 30% power at 310°, C2 upgrade.

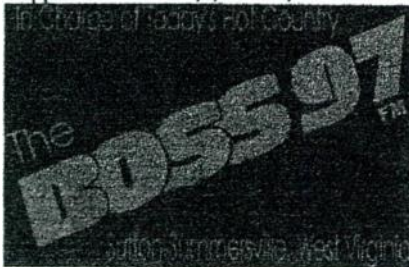
OR Toledo KPPT-FM 100.7 17500 h,v; 255 m
 PA Beaver Falls WAMO-FM 106.7 37000 h,v; 169 m
 PA Berwick W212AG *90.3 has KEAR 106.9 San Francisco CA (as before, from WKDN 106.9 Camden NJ)

PA East Stroudsburg W247AE *97.3 has WFME 94.7 Newark NJ, not WKDN
 PA Erie W285AI 104.9 to 200 watts h,v [WKDN
 PA Freeland W207AG *89.3 has KEAR, not/
 PA Greensburg WSSZ 107.1 3000 h,v; 144 m, d-a, with 56% power 130-140°

PA Hawley WBYH *89.1 (not 89.5) 200 h,v; 160 m, for 16 km coverage
 PA Masontown WRJ *106.9 980 h,v; 247 m
 PA Philadelphia WMMR 93.3 16500 h,v; 264 m
 SC Andrews WGTN-FM 100.7 3100 h,v; 136 m
 SC Mauldin (move from Greenwood) WPEK 96.7 700 h,v; 294 d-a with 36% at 340°. Silent while this move to the Greenville market takes place. [Class C0

TX Edinburg KBFM 104.1 373 m (100000 h,v),/
 TX Jacksboro KJKB 95.5 d-a with 72% power 170-220°
 TX Lewisville (move from Gainesville) KDOS 107.9 100000 h,v; 299 m, C1, d-a, with 63% power at 80°

TX Robstown KMIQ 104.9 (from 105.1) 31000 h,v; 147 lm, one-step C2
 TX Wells (move from Woodville) 94.7 KVLL*-FM (KVLL); AM has new calls, d-a with 48% 30-40°. This is the Wells near Nacogdoches, not the Wells near Tahoka.



UT Levan KCFM 99.1 67000 watts h only (no v), 576 m, Class C
 UT Oakley KPKK 101.5 14500 h,v; 619 m
 UT Roy KUDD 107.9 71000 h, 696 m, like so many stations in Utah dropping the vertical component.
 VA Powhatan WBBT-FM 107.3 6000 h,v; 100 m
 WA Port Angeles K202DS *88.3 (from K201EZ 88.1), h,v [m, plus beam tilt
 WA Spokane KDRK-FM 93.7 60000 h,v; 739/
 WY Cody KTAG 97.9 576 m (100000 h,v)
 WY Laramie K262AI *100.3 (from K209EO 89.7, and before that K206BS 89.1), h,v
 WY Powell KCGL 104.1 100000 h,v; 547 m
 BC Kamloops CIFM 98.3 120 m (4300 h,v)
 BC Lillooet CHLS 100.5 h (not v) [h,v)
 NB Woodstock CJCJ 104.1 adds vertical (now/
 ON Belleville CHCQ 100.1 21000 h,v; 152 m, d-a. "The licensee will also relocate its transmitter to a site to the northwest of Belleville (Seaway)." [(3600 h, 135 m, d-a)
 ON Hamilton CIWV 94.7 3840 v/ [(114 m)
 ON Owen Sound CKYC 93.7 31600 h, 21000 v/
 ON Thunder Bay CJUK 99.9 no h and no d-a
 PQ Chicoutimi CBJX *100.9 drops v
 PQ Gaspé CBFX-5 *90.1 4110 h, d-a (410 m)
 PQ Roberval CHRL 99.5 149 m, d-a (16600 h,v), \$, Class B French station with "spoken word programming and popular and oldies music" (o). [104.9.
 PQ Sherbrooke (move from Granby) CFXM/
 PQ St-Remi CHOC 104.9 200 h,v; 30 m, \$
 SK North Battleford VF2331 95.5 (from 94.7) \$, 28000 h,v; 199 m, moving its transmitter 20 km to the east. [(6 m, d-a)
 YT Pelly Crossing CHPE 90.5 to 5 watts v only/
Stereo—Or to be \$(tereo)
 ID Coeur d'Alene KICR 102.3, k, co-owned with KIBR 102.5 Sandpoint. "But they are not programmed together, they're separate markets!"
 MI Negaunee WNGE 99.5, o, Westwood One
 MO West Plains KSMW *90.9, c, parallel to and dual IDing with KSMU *91.1 Springfield.
 NY Sylvan Beach WBGJ 100.3, dual ID with WOLF-FM 96.7 Oswego.
 OK Poteau KARG *91.7 adds (t) RDSubcarrier
 PA Fairview WRPL 93.9, r, "The Planet." In an LMA-to-buy with WFGO 94.7, WRTS 103.7 Erie, WRKT 100.9 North East, AMs.
 SD Belle Fourche KZZI 95.9, "KZ Country," ID with Rapid City [to have any slogan."
 SD Rapid City KZLK 106.3, m. "It's too new/
 ON Bancroft CHMS 97.7

Monophonic

WI Trempeleau-La Crosse-Winona MN WFBZ 105.5 t, sports, mono, "ESPN 105-5" (from "TheBuzz"). Faith Sound, Inc. (KFSI *92.9 Rochester MN) was unable to complete the station purchase.

Format Changes

Formats are the same as in the FM Atlas
 AL Atmore WYDH 105.9 so. The "Eagle" flies away.

AL Eufaula WRVX 97.9 k, classic [102.3 o(dies)
 AR Colt (having moved from Brinkley) KTRQ/
 CT Stonington WAXK 102.3 still r, adds Bob & Tom
 GA Thomasville WTLY 107.1 mr, "The Breeze at 107.1" (from "Mix 107"), taking the slogan from Tallahassee FL 98.9.
 IL Maroa WDKR 107.3 o (stops "Decatur's Rock")
 IA Whiting KKYY 101.3 k, \$, having moved from Blair NE, 101.5. In a combo with KZSR 102.3 Onawa-Sioux City IA.
 KS Goodland KKCI 102.5 m
 KY Elkhorn City WPKE-FM 103.1 r, hot AC
 KY Frankfort WKYW 104.9 op, \$, "The Fox That Rocks," no longer parallel to its AM.
 LA Atlanta KNSN 106.5 m, Music of Your Life, ID with Natchitoches.
 MI Portage WFAT 96.5 o, classic hits + Bob & Tom (removes "The Point 96.5")
 MN Faribault KBGY 107.5 gr, "Spirit 107-5." ID with Minneapolis-St. Paul, although it's strong only in the south part of the metro. It is being acquired by WLKX 95.9 Forest Lake, "Spirit 95-9." Adding the 50 kw station enables WLKX to expand its reach beyond the northern suburbs and cover the entire Twin



Cities and southern Minnesota area, according to the station. Targeting adults (18-49) during the day and teenagers throughout the night, the combined coverage of the two stations extend from Hinckley in the north down to the Iowa border and as far east as Rochester. By Christmas, the two stations will begin simulcasting. "We're filling a void that other Christian radio stations often overlook by featuring more contemporary sounding music and targeting the untapped teen market," according to Dan Peters of the Peters Brothers, owner of WLKX for the past year. "Until now, the Twin Cities really hasn't had a full-power, wholesome alternative to secular rock formats that offer the tempos teens crave." The teen programming runs from 6:00 p.m. to 6:00 a.m. nightly, with the likes of DC Talk, The Newsboys and Audio Adrenaline. Daytime programming includes a live morning show and adult-leaning music with artists such as Michael W. Smith, Steven Curtis Chapman and Avalon. Sunday's format also includes messages from local churches. They are commercial radio stations that are part of a larger family of radio stations including Spirit 88.3 Kumasi, Ghana, West Africa and Spirit 104.5 FM serving South Sudan and Uganda, East Africa.
 MO Bowling Green KPCR-FM *94.1 gr, "Joy FM," noncommercial, parallel to Potosi [mercial
 MO Potosi KHCR *97.7 gr, "Joy FM," noncom-/
 NJ Trenton WNJUO 94.5 o, but now classic hits, "The Hawk," like co-owned WODE 99.9 Easton PA. Its transmitter is in Pennsylvania. Format like WMGK 102.9 Philadelphia.
 NM Gallup KKOR 94.5 sr, rhythmic CHR
 NC Bayboro WRUP 97.9 t, mono, ESPN sports
 PA Erie WQHZ 102.3 stunting with its new call letters; had been WLKK with rock.

SC Atlantic Beach WSEA 100.3 sr, parallel to Conway. "Pirate 100" walks the plank.
 SC Bishopville WKHT 93.7 k, "Kat Country" (from "Kiss 93.7")
 SC Briarcliffe Acres (having moved from Mullins) WWSK 107.1 still op, adds Bob & Tom in AM drive.
 SC Conway WJXY 93.9 sr
 SC Kingstree WWKT 99.3 s, "Kiss 99.3"
 TX Lamesa KTXC 104.7 S, I, "La Ley 104.7"
 TX Victoria KQVT 92.3 m, no "Tejano 92." Was stunting with all Beatles.
 CI Ciudad Juarez XHTO 104.3 Spanish m, "Hit FM 104.3."

On Air—Real Stations and Pirates (Selected)

CA Freedom KPIG. This from an Associated Press story: "An esoteric radio station with no play lists and the weakest signal in its market is topping online radio charts as people around the world discover its irreverent delights. . . KPIG, 107-oink-5, has long been an important part of the Santa Cruz and Monterey communities, featuring an eclectic mix of music—folk, country, rock, Hawaiian, Cajun, local artists and more. Listeners along California's central coast have loyalty supported the station since its roots as KFAT in the 1970s in Gilroy," writes Martha Mendoza. The station is one of those which has maintained its audio streaming on the Internet. It took an initial investment of \$5000 to get the station online, with the endeavor paying off to the extent its worldwide Internet audience at www.kpig.com surpasses that of the local area. Arbitron estimates its on-line audience at 90,000 listeners, compared to some 50,000 locally. "Wild" Bill Goldsmith, one of the d-js, says he's not surprised



at the online success. "Corporate radio is so formulaic, so boring, so lame. There's no substance or soul to them. People all over the world are just not getting what they want from their local radio, which is why we're becoming their local radio."
 CT Vernon W209BK *89.7 heard with a mixture of audio, including Spanish "Radio Avviamento," which was a pirate on 97.1 in Hartford. It is supposed to relay WESU *88.1 Middletown, but might have been hijacked.
 CT West Hartford W220CH *91.9, a translator for WGRS 91.5 Guilford, has been temporarily relaying WWUH *91.3 there because of problems getting the primary's signal.
 FL Gretna-Quincy-Tallahassee WGWD 93.3 is "about as 'local' as they come with a lot of southern drawl." Still has "Country 93.3" and "Real Country" IDs.

FMedia! Page 4 Two Catholic Colleges Want Stations' Format Changes November, 2001

KS Herington KJRL 105.7 back to contemporary Christian after having been silent.

MS Greenwood WGRM-FM 93.9, owned by Willis Broadcasting Corp. of 645 Church St., Ste. 400, Norfolk VA 23510, fined \$25,000. This upholds a July 3, 2001 FCC *Notice of Apparent Liability for Forfeiture*. Issues the FCC had problems with: failing to respond to Commission communications, Emergency Alert System equipment not installed, failure to register its antenna structure, and no public inspection file available during regular business hours. It has 30 days to pay the fine, or the FCC threaten to unleash the Justice Department for collection of the 25 grand.

NJ South Orange WSOU *89.5—Seton Hall University has ordered this campus station to change its format of heavy metal and hard rock, saying the music is "inconsistent" with the mission of a faith-based institution. Staff members learned about the decision during a Sept. 10 meeting with Mel Shay, provost of the Roman Catholic school, and were told the new format must be in place by Jan. 2. A faculty-student committee is working on a new format. Khalid Elsebal, a senior who serves as the station music director, said it already bans bands and songs whose lyrics might be considered obscene or anti-religious. He claimed that university officials don't understand the music the station plays and tend to stereotype its fans. "They don't like what we are. They think we are a bunch of devil worshippers," said d-j Nicolle Tanelli, whose air name, "Negative Nicole," portrays an image opposite of what she would like. Susan Diamond, assistant vice president for university relations, said heavy metal and hard rock would not be banned from the station, but it could no longer be the station's signature music. "The tone and lyrics and the genre is different than [sic] 15 years ago. It's a matter of the acceptability of that in a faith-based institution." Listeners, staff and alumni are said to be upset about the forthcoming change, which might mean going to block programming and a variety of musics. Even the music industry appears to be unhappy. "Without us, a metal act's only outlet around here might be a specialty show at K-Rock," says Thomas Katchisin, a student and WSOU program director.

NY Loudonville—WVCR *88.3 has received the attention of the Siena College administration. The school is talking to the staff about dumping its urban contemporary format. WVCR, as Mark McGuire, Albany *Times-Union* radio-TV writer, said, is "an unusually large college station with the power and audience to impact the commercial stations around it." Pres. Kevin Mackin, a Franciscan priest, issued a "mission statement" for WVCR that calls for the elimination of its present format. "The programming of WVCR should reflect the social, cultural and educational needs of the Siena College mission statement," with the following program elements to be emphasized: "Educational programming, athletic events, cultural events, religious and spiritual programming, all forms of popular programming and college special events." However, students who run WVCR question the change; they believe the station should be operated as a good training outlet for future jobs. The issue, as McGuire sees it, is to dump the uni-format, "not because the genre (Destiny's Child, St. Lunatics, R. Kelly) is a music form

unsuitable for a Catholic college radio station [but] whether or not the college provides the best learning platform to the greatest number of students and alumni in the Siena community and surrounding areas. "Siena administrators and students . . . must work to find the right way to do the right thing."

NY New York WBAI *99.5 is a station faced with a regular struggle with protesters, both from within and without the station. The struggle between WBAI and its parent, the Pacifica Foundation, has been a replay of firings at sister KPFA *94.1 Berkeley CA, which touched off bitter protests in 1999 that spilled onto the air and the streets. Recent local events have taken the spotlight off WBAI, but in an earlier news story Roland Mansour of Brooklyn was quoted: "I'm here to support free speech and no censorship at WBAI. He thinks it is important that people express their thoughts without imposition by external forces, particularly corporations." Susan Ramos of Manhattan, a listener for over 15 years, said she supports the station because "it helps organize grassroots groups and without it we wouldn't have any resource." The turmoil began when Valerie Van Isler, who worked at WBAI for more than 20 years, was fired by Executive Director Bessie Wash, after she refused to take a job at Pacifica's Washington station, WPFW *89.3. Wash then went to the station's studios on Wall Street with locksmiths who changed the locks to the studios and offices. Program director Bernard White and producer Sheran Harper were also let go.

WA Bellevue KBCS *91.3 said it hopes to have in place by the end of the year an omnidirectional antenna, replacing one that transmitted a directional signal. It will be 8000 h.v; 64 m. Steve Ramsey, general manager of the station at Bellevue Community College, said the new antenna "will dramatically improve our signal strength in Seattle," as well as in Renton, the Kent Valley and communities to the south. It also may help listeners to the north in areas such as Shoreline; KBCS's signal in those areas was disrupted [CJZN 91.3 Victoria BC] when a Canadian station went on the air several years ago. KBCS, whose format includes jazz, folk, world and other musics, as well as informational programming, got a federal grant of \$8,300 for half the project cost. This upgrade is the first step in a long-term plan to improve signal reach and strength. Another idea under consideration is to relocate the antenna to Seattle. Extending the signal's reach has the potential of increasing donor dollars.

WA Mercer Island KMIH *104.5, meanwhile, recently increased its signal from 14 to 30 watts (h.v; 69 m). Nick De Vogel, general manager of the station at Mercer Island High School, said the signal was increased in the middle of the September. The station, with a top-40 contemporary hits format, "now reaches Kent, downtown and West Seattle and more areas of the Eastside including Bellevue, Redmond, Renton and the Sammamish Plateau."

Nationwide—in the aftermath of the Sept. 11 disaster, it is reported that Clear Channel Communications modified its national \$100,000 contest. Instead, the stations announced donating the money to relief for the New York victims' families, and were asking for donations on their website. Even Howard Stern

mellowed, with his usual humor and name-calling suspended for a while.

MB Winnipeg VF7039, operating as "CKVN" 106.3. It's "still going strong with their nostalgia format. They have been back on for at least two weeks now, still in mono. They gave a long ID at 2100 CDT mentioning that they are a special events station authorized by Industry Canada and are operating with 14 watts from a tower on the Richardson Building which is a skyscraper in downtown Winnipeg. They also mentioned that they are using temporary studios, located at the Riverview Health Center and are there to celebrate the 90th anniversary of that institution. I imagine that when this ends they will soon find another special event to allow them back on. They are also urging listeners to write to the CRTC in support of their application for a regular broadcast license. I have only heard them use CKVN even though their official calls are apparently VF7039," Morris Sorensen, Winnipeg.

Off Air—Or Not Yet On

CT Somers WDJW *89.7 "has been off the air for at least two years. Somers High School let WWUH 91.3 use it to rebroadcast WWUH in mono for a while, then they pulled the plug and it was gone. That left WGBH [Boston] all alone for many months until this new translator (W209BK Talcottville [Vernon]) came on the air. Somers High School is 4 miles from here," M.B., Enfield.

GA Bainbridge WFXF 97.3 "not heard for a month, and not heard on the 'Bainbridge Bypass', so it must be off, not even low power."

MN Hibbing KADU *90.1 and translators

OK Enid—two LPFMs are off air. "I had never got around to visiting or even locating studios of "Cool 104.7" KUAL, but I did drop in on the home of KLGB 94.3, Covenant Life Worship Center. No one could be raised, knocking on all the doors (including one which was ajar). The main sign is homemade and a second one has the lettering removed but still detectable. The transmitting antenna is remarkably crude, a short vertical, with 4 horizontal elements of similar length in ground plane, maybe 10 meters above ground," G.H., Enid.

PA Tafton WPGP *88.3.

PA Pleasant Gap WLTS 98.7, not having returned from new city of license—Mill Hall PA.

PA South Waverly WMTG 96.1 [88.9 Sellersville PA Warwick WBMP *88.1, to be parallel to WBYO/SC Mauldin WPEK 96.7 silent, while moving from Greenwood.

TN Gallatin WVCP, the station of Volunteer State University, *88.5—after its 113 m tower fell in high



winds. It blocked traffic on State Route 109 between Gallatin and Portland for several hours. "The WVCP facility was rather, shall I say, questionably maintained? I've my doubts they were running full power; it could be a new tower and antenna

will result in a vast improvement in their signal. As-

suming adequate insurance, losing the tower may have been a good thing if it buys them a proper antenna and feedline," D.S., Pleasant Hill TN.

Deletions

- AL Center Point WZ76AG 103.1
- CT Avon W209BD *89.7
- IL White Hall W202AV *88.3 (see "New" above)
- MO St. Joseph K220FX *91.9. See "New."
- MT Hamilton K211BT *90.1. See "New."
- NV Carson City K274AI 102.7. See "Facilities."
- NJ Branchville W297AC *107.3
- NM Raton KGOY 97.7 [itions for reconsideration]
- NY Paul Smiths—deleted station WPSA *98.3 peti-/PA Palmerston W290AC *105.9 assumed deleted because of proximity to WPZX 105.9 Pocono Pines.
- TX Amarillo K217CU *91.3
- TX Washburn K217CS *91.3
- WA Ellensburg KCSH *88.9
- PR Vieques Island WVIS 106.1—for failure to broadcast in the last 12 months. It formerly operated from Frederiksted VI.

FMistakes—FM Atlas-18, FMedia!

- MO Columbia KFMZ 98.3: Oct. p. 4, col. 3, refers to "last month," p. 7, col. 2. It should have mentioned Aug. p. 6, col. 3.
- MO Jefferson City KLIK-FM's old calls were KJCQ, not "KICQ" (104.1), Oct. p. 1, col. 3.
- MO New Bloomfield KNLG *90.3 has Stereo, and as such should have been listed under "Stereo," not under "Facilities," Oct. p. 2, col. 2.
- WA Port Angeles K207DM *89.3 changing primary to KLOV means there are two K-Love translators there, including K215DP *90.9. I tried calling them at 800-525-LOVE, but it was pledging time and they said to call back in a week.
- BC Moberly—former station was on 104.7, not *104.76, Oct. p. 5, col. 1.
- PQ Riviere-du-Loup 103.7 is CIEL, not CJFP, Oct. p. 2, col. 1. p. 8, col. 3. [col. 1.]
- SK Regina (not Saskatoon) CHMX 92.1, Oct. p. 4/

SCServices, 57, 67, 92 kHz

Symbols are as in the FM Atlas

- AR East Camden KCXY 95.3 (†), RDS
- CT Westport WEBE 107.9 (†), with text reading TODAY'S HITS AND YESTERDAY'S FAVORITES
- KS Topeka KMAJ-FM 107.7 no SCS (had †M,R)
- MA Boston WERS *88.9 no RDS
- WGBH *89.7 still (†), but its RDS comes and goes.
- MA Springfield WHYN-FM 93.1 no (†)
- MI Iron Mountain WIMK 93.1 (†), reading "WIMK"
- MI Sault Ste. Marie WCMZ *98.3 (†), RDS
- NJ Blairstown WHCY 106.3 no SCS (had †X)
- NJ Hackettstown WNTI *91.9 confirmed with (†)
- NJ Newton WNNJ-FM 103.7 †, U, 92, no RDS. Main channel IDs now as "Classic Hits 103-7."
- NY Albany WAMC *90.3 no SCS (had †J). Affects stations like WAMQ *105.1 Great Barrington MA, WCAN *93.3 Canajoharie and WANC *103.9 Ticonderoga NY, now believed to be without RDS.
- NY Binghamton WSKG-FM *89.3 no RDS
- WHWK 98.1 (†), WAAL 99.3 (†)
- NY Ellenville WFKP 99.3 †T, 67, Radio Vision reading service from Rampao Catskill Library System
- NY Endicott WMRV 105.7 no SCS (had †M)
- NY Jeffersonville WJFF *90.5 †T, same as Ellenville
- NY Monticello WSUL 98.3 no SCS (had †T)
- NY Plattsburgh WCEL *91.9 (†)

- NY Port Jervis WTSX 96.7 no †, C
- NY Poughkeepsie WPDH 101.5 no SCS (had †M)
- NY Vestal WMXW 103.3 †, U, 92
- OK Poteau KARG *91.7(†), RDS
- PA Allentown WAEB-FM 104.1 †U
- PA Bellefonte WZWW 95.3 no SCS (had †, R)
- PA Cresson WBXQ 94.7 no SCS (had †U)
- PA DuBois WMOU-FM 102.1 (†)
- PA Easton WODE 99.9 still †T (no longer with †M), main channel now "The Hawk" plus "Classic Rock without the Hard Rock" (from "The New 99.9").
- PA Harrisburg WNNK 104.1 †S, not †C
- PA Mexico WJUN-FM 92.5 †T, In Touch Networks; 92 is still †, U (from †X,U) [music.]
- PA Mifflintown WQJU *107.1 †, U, 92. Drops 67 kHz/
- PA Muncy WBZD-FM 93.3 no RDS
- PA Tobyhanna WKRF 107.9 (†)
- PA Towanda WTTT-FM 95.3 †X
- PA Williamsport WKSB 102.7 still not RDS. "Apparently this is permanent. Retains talk at 92."
- TX McAllen KVMV 96.9 (†), reading, "FM 97"
- WV Huntington WKEE 100.5 (†), reading "KEE FM"
- AB Calgary CHKF 94.7 †I, I. It is adding to SCMOs, one mainly Persian and the other "predominantly in the East-Indian languages of Punjabi, Hindi, Urdu."
- AB Edmonton CKUA-FM 94.9 †, I, an East Indian SCMO service.
- ON Ottawa CHUO *89.1 †E, 67, Lebanese
- ON Montreal CISM *89.5 †E, 67, Lebanese

NonIDs, Not Just Slogans

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

- FL Tallahassee WBZE 98.9 Star 98 (from "Z 98.9"). Note that "Star 98.9" is WBAM-FM Montgomery AL.
- WWLD 106.1 Groovin' 106 (from "Wyld 106"). The upgrade at WSLE 102.3 Cairo GA hasn't occurred. "Couldn't find any sign of tower construction at site shown on FCC website, but that location might have changed after acquisition by Cumulus; 102.3 may adopt format/slogan of 'Groovin' 106', which Cumulus must sell," D.B., Tallahassee.
- GA Gray WJZY-FM 96.5 Cat Country 96.5. Its calls' change was listed under "New" last month p. 1, col. 1. But its calls' change hasn't happened. "The new calls, if adopted, suggest a possible switch to smooth jazz, an unlikely format in a small market like Macon GA," N.L., Atlanta.
- GA Hogansville WMAX-FM 98.1 Magic 98-1 (from "Mix 98-1). Still r, but now more variety.
- ID Coeur d'Alene KICR 102.3 The Bear
- LA Jena KJNA-FM 102.7 J-102.7
- NM Los Alamos KZNM 106.7 Radio Sol
- NY Delhi WDHI 100.3 Oldies 100
- NY Deposit WIYN 94.7 Oldies 100, parallel to Delhi
- PA Honesdale WDNH-FM 95.3 DNH [all Beatles.
- PA Laporte WQZI 103.9 Fab 104, now stunting with/ WV Ravenswood WLWF 93.1 The Wolf

Multi-City IDs In Use

- LA Osage KSMA-FM 98.7 adds Mason City, "Kiss 98.7"
- WI New London WOZZ 93.5 with "Fox Cities" (back to, dropping Appleton)-Green Bay; ID at about :46.

Selected AM Happenings

- AL Huntsville WDJL 1000 had been R&B oldies. Now silent.

GA Atlanta "WMRE" 580 a student station (unlicensed) at Emory University staged an on-air burning of the American flag. After lighting the flag, Alexander Dreyer left the studio and was attacked by two students. Dreyer, 20, of Decatur GA told school police that one student held him while another took a swing at his jaw. It was one of the first reports in the nation of a person being attacked for making an anti-war stand since the Sept. 11 terrorist attacks. Since then, the program's host, Kishna Hope, lost her radio show. Dreyer, a senior, had been confronted when he tried to burn a flag earlier in the courtyard of Longstreet Hall on the campus. He scuffled with three students who ripped the flag and lighter from his hands, according to campus police. Dreyer has declined to press charges in the most recent incident, but Emory officials say the two students, who school officials declined to identify, will face disciplinary hearings.

GA Athens WRFC 960 AM lost Leonard Postero, 78, who died of congestive heart failure. For 41 years



Postero

his sports predictions gave him the nickname, "Leonard's Losers." "His main thing was not having to be correct, but to put a smile on somebody's face," said his wife, Elke. He retired in 1999.

GA Dahlonega WDGR 1210 silent. Had been southern gospel and country.

GA Gainesville WDUW 550 has a woman as a talk-show

host who got her start as a frequent caller to the station. Martha Zoller (pictured) thus joins the ranks of other former callers-in like Laura Schlessinger, but it doesn't happen often, said Michael Harrison, publisher of Talkers magazine.

"One reason is the trend toward national syndication over local talk shows." When not hosting the show Zoller (pictured) is still a stay-at-home mom. She is a conservative, who formerly worked for Michael Dukakis' presidential campaign before becoming disillusioned with the Democrats. She is noted for treating her callers with respect. One caller who disagreed with her said, "I appreciate your attitude. You're different from virtually any other talk show host on the air."



MI Jackson WJKN *1510 had been silent. Now Christian, parallel to WSAE *106.9 Spring Arbor, and noncommercial operation.

MI Rogers City WHAK 960 had been silent. Now talk from the Michigan Talk Radio Network.

PA Bloomsburg WHLM 930: It's only early November, but "somebody's already gone all-Christmas. In this Autumn of biowarfare scariness, Christmas tunes probably sound comforting. . . All-Christmas used to be a pre-format change stunt. Now—it's a feel-good tool that listeners and advertisers both like," says the *M Street Daily*. [ported silent.]

PA Mount Carmel WMIM 1590 had been sports. Re-/

SC Newberry WKMG 1520 had been R&B oldies. Now silent.
 SC Seneca WSNW 1150 silent. Had been Christian.
 TX Fallurrias KLDS 1260. Silent. Had been Spanish religious teaching.
 UT Brigham City KXOL 1660 off for several days, probably a transmitter malfunction. Its sister, KSOS 800 AM, is still on with nostalgia.

FMakings—Selected FCC and Industry Canada Applications

AL Sheffield WAKD *89.9 2500 h,v; d-a
 AL Warrior WBHK 98.7 39000 h,v; 408 m, C1
 CA Morro Bay KLMM 94.1 890 h,v; 263 m
 CA Patterson KTSE 97.1 1350 h,v; 151 m
 CA Stockton KYCC *90.1 98 m
 CO Grand Junction KMGJ 93.1 436 m, C0
 CO Security KSKX 105.5 9730 h,v; 682 m, C1
 CT Monroe WMNR *88.1 6000 h,v; 123 m, d-a
 FL Flagler Beach WJLH *90.3 15000 v, d-a
 FL Panama City WPAP 92.5 82000 h,v; 325 m
 WFSY 98.5 325 m
 GA Sparta WPMA *102.7 25000 h,v; 92 m, C3
 IL Macon (move from Pana) WEGY 100.9 6000 h,v; 100 m
 IN Covington WKZS 103.1 6000 h,v; 100 m
 KY Morganfield WNTC 95.3 25000 h,v; 78 m, C3
 LA Lafayette KRVS *88.7 379 m, d-a, C0 upgrade
 LA Larose KLRZ 100.3 100000 h,v; 299 m, C1
 MI Ishpeming WJPD 92.3 155 m
 MS Columbus *88.5 6000 h,v; 100 m, Bcstg. For the Challenged, Inc.
 *88.5 980 h,v; 27 m, MS University for Women
 MO Columbia KWWC *90.5 1500 h,v; 263 m
 MS Oxford WAVI *91.5 7500 v, 175 m, d-a, C3
 MS Tupelo WAFR *88.3 75000 v, 150 m, d-a
 NJ Eatontown WHTG-FM 106.3 1000 h,v; 155 m
 NY Altamont WZMR 104.9 530 h,v; 284 m, d-a
 NY Voorheesville WAJZ 96.3 470 h,v; 293 m [C2
 NC Elizabeth City WKJX 96.7 50000 h,v; 124 m/
 OK Ardmore KACO 98.5 14500 h,v; 100 m
 PA Greensburg WSSZ 107.1 4300 h,v; 93 m, d-a
 PA Mercer WWIZ 103.9 3200 h,v; 139 m, d-a
 PA Scottsdale WLSW 103.9 6000 h,v; 100 m
 SC Parris Island WGZO 92.1 9500 h,v; 127 m
 TX Brownwood KXYL-FM 104.1 38800 h,v; 244 m
 TX New Braunfels KNT 92.1 6000 h,v; 95 m
 VA Cape Charles WAZP *90.9 (from 90.7) 5600 h,v; 93 m, B1.
 WA Naches KZTA 96.9 14000 h,v; 285 m, C2
 WA Spokane KAGU *88.7 5000 h,v; 466 m, C1
 WI Menomonie WVSS *90.7 590 h,v; 130 m, d-a
 PQ Sherbrooke CBM-1 *89.7 25000 watts

FM Rulemakings Proposed
First date is for filling comments at the FCC; second date is for replies. Stations affected, if any, are listed

AL Camden 103.9A, proposed by Charles Crawford (see addresses of people proposing last month, p. 6), Dec. 3, 18
 AR Paragould 99.3A, C. Crawford, Dec. 3, 18
 AR Rison 98.9A, at 2.2 km SW because of KZYP 99.3A Pine Bluff AR, C. Crawford, Nov. 5, 20
 CA Burney 92.9A, by Corey J. McCaslin, PO Box 7612, Chico CA 94592, Dec. 24, Jan. 8.
 GA Watkinsville (move from Washington) 100.1A, WXKT, leaving Washington only with WLOV (AM). Site to be 14.3 km E., Nov. 26, Dec. 11.
 MI Highland 95.1A, C. Crawford, Nov. 5, 20

MI Oscoda 96.5A, C. Crawford, Nov. 5, 20
 MI Roscommon 97.1A, at 4.2 km NW because of WWCM 96.9A Standish, C. Crawford, Dec. 3, 18
 NM Taos 93.5A, @ 11.5 km NE, L. Crawford, Nov. 26, Dec. 11. [Nov. 5, 20
 OK Arnett 104.9C2 at 24 km SW, Pyeatt./ [10, 26
 OK Cherokee 95.3C2, at 23.9 km SW, Salsa, Dec./
 OK Sayre 101.7C2, J. Anderson, Nov. 5, 20 [3, 18
 TX Ballinger 95.5A, @ 12.8 km SE, J. Anderson, Dec./
 TX Benjamin 95.3C3 at 17.5 km N. because of a proposed 95.7C2 at Rule TX, Pyeatt, Nov. 26, Dec. 1
 TX Bruni at 6.8 km N. because of KPSO 106.3A Fallurrias and KTKY 106.5C2 Tal's CP and 106.7A El Lobo TX.
 TX Camp Wood 102.1A at 14.8 km N. because of KUYA 102.3A Uvalde, L. Crawford, Dec. 17, Jan. 2
 TX Crowell 97.9C3, @ 3.1 km SW, J. Anderson, Dec. 3, 18
 TX Dickens 95.9A, L. Crawford, Nov. 26, Dec. 11
 TX Eldorado 106.5A at 1.3 km SW, J. Anderson, Dec. 3, 18 [Nov. 26, Dec. 11
 TX Hamlin 104.5C2 @ 21.5 km NW, L. Crawford./
 TX Hebronville 98.7A at 10.6 km W because of KGBT-FM 98.5 McAllen, J. Anderson, Nov. 5, 20
 TX Jayton 94.1A, L. Crawford, Dec. 3, 18
 TX McCamey 94.5C3 at 19.9 km E., L. Crawford, Nov. 26, Dec. 11. [Dec. 3, 18
 TX Menard 100.9C2, @ 11.9 km SW, J. Anderson./
 TX Rocksprings 94.9C3 at 16 km NW because of KCOR-FM 95.1C1 Comfort and 94.7A Brackettville, L. Crawford, Nov. 26, Dec. 11.
 TX San Isidro 97.3A, Salsa, Dec. 10, 20
 TX Wickett 92.7A @ 7.3 km S. because of KNFM 92.3C Midland, Pyeatt, Dec. 17, Jan. 2.

FM Rulemakings Finalized
Filling periods delayed pending announcement of auctions

GA Willacochee (move from Douglas) 99.5C1, WDMG
 FL Neptune Beach (move from St. Augustine), 97.9C2, WFKS. Its 70dBu contour will be over 95.3% of the Jacksonville urbanized area.
 GA Pembroke (move from Barnwell SC) 99.3C1 (from 99.1C3), WBAW
 HI Kailua-Kona 96.7A, as requested by Nick Koster.
 MI Hemlock (move from Mount Pleasant) 94.5C1, WCEN-FM, from its same site at 46.1 km NW.
 OH McConnelsville 103.7A, as requested by Donald Staats.
 SC Barnwell 99.1C3 (see GA Pembroke, above). The FCC dismissed a counterproposal by WPMX Statesboro GA to move 99.3C3 there in lieu of WPMX's 102.9.
 SC Litchfield Beach (move from Fair Bluff NC) 105.3C3, as requested by WSIM. And SC Olanta (move from Johnsonville) 105.1A, as requested by WPDT. These petitions, which are intertwined, were denied by the FCC. The Commission found that WPDT did not try hard enough to have a viable operation in Johnsonville; it has taken the station off the air, and Olanta is only a residential area. And Root Communications opposed the Olanta bid.
 TX Sabinal 101.7A, Pyeatt, at 2.9 km NW

FM As It Was—Or Might Have

Been: Fm Needs to Go National
 An article within an article appeared in Broadcasting•Telecasting, April 8,

1957, "FM Revisited, Still Frustrated." It quoted Ray Stone, timebuyer of Maxon, Inc., a major agency. His study, "Fm: The Frustrated Medium," was done a year earlier. He reflected on it, saying (in 1957) that Fm broadcasting activity had increased tremendously at the local level, but "it hasn't broken through on a national basis." He contended that fm needed a little recognition by national advertisers. He cited the lack of open fm channels in the New York market and the widespread quickening of activity in many medium-sized cities as typical symbols of the medium's revival. Favorable to fm he said are decreased availabilities in tv and the growing demand for early-evening am time. "It's about time for an fm network to get underway—in a national way," he urged.

Some fm highpoints: The Rural Radio Network in New York state is one of the most successful fm networking ventures. The network consists of five basic fm stations, owned and operated by RRN; five affiliated fm stations and 18 am affiliates. Fm outlets at Watertown and Massena have left the network. WWNY-FM 100.5 had high labor costs and was unable to use remote control operation, and has left the air. WMSA-FM 105.3 Massena is still on the air but the RRN air fm relay can't reach the station. RRN carries 1½ hours a day of farm information. Hourly five-minute newscasts originate at WQXR-AM-FM (96.3) New York. Fifty-five minutes of each hour consist of background music, uninterrupted by commercials. This music is used in central New York for storecasting (simplex—b.e.). H.S. Brown, network manager, said installation of multiplex transmitters as equipment becomes available will bring a shift of background music to a subcarrier, but the group is not going to serve as a franchiser. RRN weather and road round-ups are fed to 21 am stations. "Because we have this availability we are able to sell our fm time," Brown said.

In Cleveland, WGAR-FM 99.5 programs separately 7:45 to 11 p.m., according to v.p. Carl E. George. Henry Pildner, music director, does a light classical program, shifting to serious numbers at 8:30. Among sponsors have been a decorator, department store, auto dealer, record shops and hi-fi dealers. Currently, WGAR-FM is sus-



PEOPLES BROADCASTING CORPORATION
 RADIO STATION W G A R
 HOTEL STATLER CLEVELAND 1, OHIO

taining (noncommercial). [The illustration is from the station's letterhead, with Jack Hanrahan, public relations, writing me, Oct. 6, 1955, saying Duluth is the greatest distance they have heard from a listener. "Our effective radiated power is 31,000 watts; height above average terrain is 500 feet."]

WDOK-FM 102.1, another of the six Cleveland fm stations, started separate programming last June, featuring only good music—not necessarily classical but not fleeting pop stuff. No jingles are allowed and commercials are limited to 45 seconds after 15-20 minutes of programming. Pre-cut tapes are used. Ampex and Seeburg equipment handle even commercials and station breaks automatically. Frederick Wolf, president, says the response from listeners is "marvelous" but advertising is hard to sell. [G. E. Ormston, chief engineer, wrote me in 1962, saying that all FM programming with the exception of news and concerts is automated with modified Ampex tape equipment. "Our stereo broadcasts started in the fall of 1954 and presently we are programming 12 hours a week," with a frequency test scheduled at 0100 hours the first Monday of each month.]

KWPC-FM 99.7 Muscatine, Iowa, has built fm circulation steadily since 1948, carrying heavy sports coverage. Much of the sports programming

Exclusive features regularly over KWPC-FM, full time on 99.7 mc.

is fm-only. The St. Louis Cardinals have been carried on fm weekdays, and am-fm weekends. Muscatine city council proceedings are fm-only. Fm set sales continue strong, according to George J. Volger, KWPC-AM-FM manager, and about three of five homes are said to have fm sets. [I met Mr. Volger in the mid-1970s at a University of Wisconsin FM clinic in Madison. He said set sales were not as good in Muscatine as they were in Wisconsin, because the state of Wisconsin has an excellent state (educational) FM network. Little KWPC-FM, with its 780 watts, could be heard with small radios

in Iowa City IA, when I was a graduate student there in the late '50s. Earlier, I had heard its 780 watts' emanations in Duluth, and they appreciated hearing from listeners at such distances. Darrell F. Dorsey, chief engineer, wrote July 1, 1954, "These letters help us out here at the station by letting us know just how far we get with our signal and also if they enjoy our programming. I enjoy the Sunday Salon music that is on 7:00 to 7:45 p.m. every Sunday."]

Denver is a three-station fm area. KTGM 105.1 manager Irving C. Jackson said music programming is growing in popularity in the area. The station gets its good music programming from the international services of foreign radio systems.

Fm relaying connects several New England fm stations. Those are WTMH (101.5?) Providence, WFMQ 95.7 Hartford, WGHF 95.1 Brookfield, WFMX (101.9?) New York. A multiplex channel is planned in New York. WXHR 96.9 Cambridge is the Boston affiliate of the General Broadcasting Corp. T. Mitchell Hastings, Jr. is its president. He said fm "is only beginning to see the light of day." He contends the electronic industry should solve serious technical problems, developing a mobile receiver, for example. He adds that broadcaster should use vertical as well as horizontal polarization to minimize flutter in mobile reception and to increase power. [V & h polarizations were allowed in about 1965, and FM stations in the Northeast (Class B) were allowed to raise their powers from 20 to 50 kw—b.e.]

Stephen A. Cisler heads up the young Western Fm Network, based at KEAR 97.3, which had the calls KXKX in 1954. Other stations in the group, which was not interconnected, but "pending in its Canada-to-Mexico service area," were KISW 99.9 Seattle, KPFM 97.1 Portland OR, KNEV 95.5 Reno, KCBH 98.7 Beverly Hills (Los Angeles) and KELE-FM 95.5 Phoenix.

KPRC-FM 102.9 duplicates to 5 p.m. and shifts to a two-hour fm-only dinner music program. From 7-11 p.m. a complete opera is given along with diversified music. Six sponsors buy about 7½ hours weekly of fm time.

WLSL-FM 99.1 Roanoke, Va., has begun separate music programming 3-11 p.m., playing concert music of all types. The seven-day-a-week service may be extended. Music is uninterrupted for 55 minutes of each hour.

WTRF-FM 100.5 Bellaire, Ohio, is making money, according to Walter Patterson, president. Sports programs are carried on fm at night when the am outlet is silent. At times the WTRF and WTRF-FM have carried football games back-to-back. Two-thirds of radio homes in the Wheeling area have fm, Mr. Patterson said. About 30 sponsors buy fm time.

"These are some of the operating entities in the 1957 fm broadcasting industry. There are others, many others, around the nation," concludes the article by J. Frank Beatty.

FCC Suspends Public File Inspection Requirements in Wake of "Homeland" Terrorism; Non-commercial Stations Given Waiver to Fund-Raise for Other Non-Profits

At the request of the National Association of Broadcasters, the FCC agreed to suspend the right of the public to view radio and TV station files for a 60-day period. The NAB asked for this suspension because of recent attacks on media outlets by inflicting anthrax poisoning. Further, many organizations are having to screen packages and letters in order to safeguard employees. Besides, pointed out the NAB, stations may be fearful of placing into their public files letters received from the public, especially those with unknown or missing return addresses. The NAB thus urged the Commission to exercise its discretion to waive the rules regarding the retention of public documents, and only later after it is deemed safe should public inspections resume.

Roy J. Stewart, chief, mass media bureau, agreed that the NAB, under these circumstances, made a valid argument that a temporary waiver of the Commission's rules are warranted. "We expect broadcasters will use their best judgment to screen letters pursuant to the policies [stated by] by the FBI and police [and] we expect broadcasters to complete compliance with the public inspection file rule as soon as they believe the [emergency] has passed."

On the noncommercial side, the FCC allowed such stations to interrupt regular programming to raise funds for other non-profits. I have heard, for example, on Minnesota Public Radio, when asking funds for their own stations, they suggested another 10 percent be added to help WNYC-FM *93.9 New York-AM, which lost transmitters in the World Trade Center. I was not aware of any national fundraising, however, for WKCR *89.9 New York, which has been off the longest, and whose need is also great. The National Federation of Community Broadcasters tells their member stations in order to request a waiver they should identify the station (to the FCC), briefly describe the purpose of the waiver (for example, to permit the station to raise funds for the Red Cross, Firefighters Support, etc.) and then request a waiver of Sec. 73.503 (d) of the Commission's rules. Address the request to pdoyle@fcc.gov. Peter Doyle is the chief, audio services branch, mass media bureau, FCC. "Make and save a copy of the waiver request and the FCC response for your records. Remember that you will get a temporary waiver only, and that normally you cannot use your air to fundraise for another non-profit."

Small Print Happenings and FM Industry News

The FCC has given a final answer to Mike Rice. He won't get another extension of special temporary authority to operate his FM stations in Missouri and Indiana (along with some AMs). As reported before, his stations are all off the air, and it appears he has exhausted his court and FCC appeals. The FCC notes that "the loss of existing broadcast services is always a serious matter. However, in the instant circumstances, we believe that the public interest is better served by denying the request and ordering the Rice stations off the air." The FCC found that all markets involved are well served by other stations, so the public would still be well served by radio even with his stations silent. The FCC action was affirmed by the D.C. Circuit Court, with the U.S. Supreme Court refusing to take the matter on appeal. At least one of the applications filed for interim operation of a Rice station, that of KFMZ 98.3 Columbia MO, has had an informal objection filed against it. It is thought, however, that the FCC is wanting to award interim grants to run the Rice stations until a final winner is selected at auction. But he owns property, such as transmitters and land that could be leased to a new operator.

Wayne Pederson, new head of National Religious Broadcasters (see picture story last month p. 5), is said to be reaching out to a new class of broadcasters—low power FM stations. It is ironic that NRB opposed LPFM, but it is known that many NRB members individually favored the concept. Now is time for them to put differences behind. Pederson said, "Low power FM will be a part of things."

Obituary: Al Ham, 78, in Florida of complications from a cancer operation. He was best known for the "Music of Your Life" big bands and adult standards format, primarily heard on AM radio, but on some FM stations.

I'm not getting very many FAXes any more from Big City Radio. The reason might be they're trying to save money. The company is having to raise equity or restructure its debt. It is trying to provide a stock offering, under the close scrutiny of the Securities and Exchange Commission. One problem is that the company has to make semi-annual interest payments on notes that cost it 11¼ percent. Big City owns such stations as WXXY 103.1, "Fibre 103.1," Highland Park-Chicago and WYNY, "Y-107.1," Briarcliff Manor NY.

Stereophile in March, 2001, reviewed the Tivoli Audio Model One, \$99.95, which is a table model FM-AM radio, patterned much like the KLH Eight of some 40 years ago, another of Henry Kloss' inventions. Tuning is by a direct, vernier drive. No digital display, but a green L-E-D glows brightly when a station is tuned. It has a wood cabinet for warmer sound, but the reviewer found it didn't like being played overly loud. Apparently it has outside FM antenna provision. It's mono, but I think a stereo version is on the way.

Also reviewed in the same issue is the Magnum Dynalab MD208 receiver at \$2975 list. It is rack-mount-wide in its front panel, and is comparable in performance to the firm's more famous FM tuners. But this unit has an AM band. Its remote is cumbersome to operate, however. Magnum Dynalab's president Larry Zurowski notes that the MD 208's tuner is an upgraded version of the \$1500 Etude FM tuner. "The MD 208's FM tuner section was surprisingly sensitive and quite selective," wrote reviewer Larry Greenhill.

Reviewed, Oct. 2001 is the new Fanfare FT-1A FM tuner. I use the Fanfare FT-1, modified for more selectivity. The FT-1A sells for \$1595, \$200 more than its predecessor. It's analog-tuned with digital display, going up in 50 kHz increments. Larry Greenhill concludes that the tuner is a "winner," with improved RF performance warranting the \$200 price increase. "The Fanfare FT-1A's RF sensitivity, remote tuning capabilities, and excellent price make it a serious contender in the high-end tuner marketplace," Greenhill wrote.

XM Satellite Radio subscription fees are to be included in General Motors Acceptance Corp. contracts. The monthly contracts will add the \$9.95 subscription fee to XM. The radios are expected to be in Cadillac DeVilles and Seviles this winter, with Sirius satellite radios to be in Fords. The two systems are noncompatible.

Talk show giant Rush Limbaugh's hearing loss continues. It's said to be a rare disorder related to or caused by arthritis. His and similar shows are credited for helping AM radio hang on with an audience. He may be a candidate for a cochlear implant, since his hearing is past the point where ordinary hearing aids can help. He vows to continue, maybe not taking calls for a while until a method is devised for conveying what the callers are saying to him.

Stern may have mellowed, but a pair of radio people who got famous in Boston are back at it. They're Anthony and Opie, who are once again heard in their home market. They were on WAAF 107.3, but are now on WBCN 104.1, an Infinity station that also has Stern. Their current boss is Oedipus, who "spent weeks weighing the decision." When on WAAF they knocked him on the air for dragging his feet. With WBCN having so much talk, it is not turning its back on music. "The one thing we'll do is play more new music during all the other hours," said Oedipus.

From the classifieds: Model SCS-RT1 SCA decoder, \$15; pocket FM SCA radios \$35 (new), SCA clock radio with 67 and 92 kHz SCA \$40, SCA boom box with CD-cassette and digital tuner \$75 from Dave Jackway, SCS Radio Technology, 5742 Fair oak, Springfield MO 65810; 800-944-0630. "I haven't gotten any response from my ads in *Radio Shopper!*" See the SCS-RT1 pictured on my website.

Scott model LT110 tube type FM stereo tuner, very good condition, \$245. Contact Tom Barbarese, 856-222-0636, mrbibbs@snip.net.

FM FORUM

CONTRIBUTIONS FROM READERS

"A feature in the *Nashville Tennessean* [has it that] one broadcast operator openly admitted that the concerns and/or interests of a station's listeners are of virtually no importance. What IS important is chipping away at a market's ratings leaders in an attempt to even the playing field, and [maximize] each station's or group's revenue. This is done by way of format changes specifically designed to fragment audiences. As a rule, there is no particular intent to overtake a competitor's ratings, nor is there any goal of attaining market leadership. These are merely exercises in corporate gymnastics which are ultimately targeted at a group owner's bottom line; the listeners be damned.

"We already knew that, but it's seldom that policy-makers within the industry openly admit it. Most of the time they'd like everyone to think that every move they make is in the public interest," Tom Bryant, Nashville TN.

"Your FMedia! is still interesting to me after all these years being a listener following my brief FM 'career,'" writes Marshall Whisnant. He mentions working in AM radio at WGIV (AM) Charlotte NC in the 1940s as a college student—to be continued in December. Until,



FMedia!

Bruce F. Elving, Ph.D., Founder

THE FM RADIO NEWSLETTER Vol. 15, No. 12—December, 2001 "Publishing Estate," 241 Anderson Rd,

For the broadcaster and the Esko MN 55733-9413 USA; <http://members.aol.com/fmatlas/home.html>

Enlightened media consumer A newsletter of fact and opinion about FM radio and related technologies—from the publisher of the *FM Atlas*. Published monthly (although when the *FM Atlas* is being prepared there may be no issue). Subscription price \$75.00 annually, sin-es \$6/gle copi.50. ISSN 0890-6718. Phoning? (218) 879-7676. FAX: (218) 879-8333. Copyright © 2001, FM Atlas. E-mail: FmAtlas@aol.com

New FM Stations, Translators, Boosters, Low Power FM Stations Granted

Translators have less than 100 watts unless shown otherwise; technical parameters for most LPFM stations are not announced, but can be up to 100 watts at 30 meters above average terrain (horizontal, vertical, or both h & v)

CA Merced KAAT-1 103.1 130 watts h(orizontal) only, d-a (directional antenna), with 100% power 250°. Booster of Oakhurst CA station.
CO Glenwood Springs *88.1 650 watts h,v; 793 m, Public Broadcasting of CO in a settlement agreement that saw the dismissal of Aspen Public Radio's 88.1 bid for Aspen, Pitkin County's 88.1 bid for Glenwood Springs and Educational Communications of Colorado Springs' application for 88.1 in New Castle. See also "Deletions."

HI Wailuku *91.5, Mana'o Radio, LPFM
IL Morris *90.7 6000 h,v; 100 m, The WBEZ Alliance in a settlement agreement. Applications by Broadcasting for the Challenged and SW Chicago Educational were dismissed.

MI Muskegon *103.7, West MI Community Help Network, LPFM [LPFM]

MO Canton *97.1, Culver-Stockton College,
MO Fulton *94.9 Wm. Woods University, LPFM
MO West Quincy *102.5, School of Christ, LPFM, g[ospel] format. [ity, LPFM]

NY Jefferson *94.3, Jesus Christ's Commu-
NY Syracuse WPHR-1 106.9, translator of Auburn station, 1740 watts v, d-a, with 100% power at 170°. The FCC calls this an Auburn translator, but their map clearly shows it to be in downtown Syracuse. It presumably will not replace W282AC 98.3, a WPHR translator, which is located west of WPHR-1's location (but still in Syracuse), and which might feed WPHR-1. When I lived in Syracuse, WPHR's signal (then known as WMBO-FM) was weak from its transmitter in Scipio Center NY.

ND Bismarck *91.9 1000 h,v; 59 m, g, \$, Family Stations, Inc. Dismissed was an application by the American Family Association for 91.5. Family Stations' K219CH *91.7 to delete.

OH Bluffton *99.3, Bluffton College, LPFM
OH Defiance *104.1 First Presbyterian Church, LPFM

OH Millersburg *90.5 4700 h,v; 114 m, d-a,

featuring only 42% power 330-350°, Moody Bible Institute

OK Ada *96.7, Pontotoc Educational Radio, LPFM. [Church, LPFM]

SC Moncks Corner *100.1, First Baptist/
TX Cuero KTLZ *89.9 3000 h,v; 100 m, Good News Broadcasting of Texas in a settlement agreement.

TX Freer *90.7 20000 h,v; 100 m, Paulino Bernal Evangelism in a settlement agreement

UT Eureka KCSL-3 103.9 10600 v, d-a, with 100% power at 0° (north), but its transmitter is west of Orem, across the lake.

WI Red Cliff *92.3 First American Prevention Center, LPFM. Note that there have been 140 low power FM construction permits to date. Dismissals total 58.

Call Letters Assigned

AL Sylacauga 98.3 WTRB-FM (WAWV); AM is in Ripley TN. [romantica .

AZ Arizona City 106.5 KOMR (KBZR), S, m, /
AZ Chinle 107.3 KFJR-FM (KFJR); AM is in Dallas TX. [to 761 m (250 watts h,v)]

AZ Drake *89.5 KJZA (from KRTE), facilities/
AZ Gilbert 103.9 KEDJ (KPTY), pr, modern rock. Takes format that was on Arizona City.

AZ Globe 100.3 KMRR (KDDJ) S, m, Hispanic Broadcasting Service's "romantica." That and KHOT-FM Paradise Valley had dropped Howard Stern, leaving the Phoenix market Stern-less.

AZ Sun City 106.3 KPTY (KEDJ)

CA Atwater 92.5 KBRE (KJMQ)

CO La Junta 106.5 KFVR-FM (KKIK)

CT Hamden 101.3 WKCI-FM (WKCI); AM is in Waynesboro VA

FL Port Charlotte 100.1 WRLR (WKFF)

FL Jupiter 106.3 WJBW-FM (WJBW)

HI Kailua 96.3 KRTR*-FM* (KRTR; AM in Honolulu has new calls). AM 1460 is now KOAM with Korean.

IL Elmhurst *88.7 WRSE (WRSE*-FM*)

IL Lena 102.1 WQLF

IA Des Moines 93.3 KIOA (KIOA*-FM*)

MA Greenfield 98.3 WHAI (WHAI*-FM*)

MI Flint *88.9 WAKL (WGRI), "K-Love"

MS Drew 95.3 WRKG (WOHT)

MS Grenada 92.3 WOHT (WGRG)

MO Dixon *92.1 KCVZ, g, noncommercial

MO Jefferson City 104.1 KLIK-FM (KJQC)

MO Otterville *107.7 KCVK (not KCVA, as shown Sept. p. 1, col. 3; had been KOTT)

NM Albuquerque 101.3 KCHQ (KRQS), seeks 19500 h,v; 1294 m.

NM Santa Fe 105.1 KRQS (KCHQ)

NC Biltmore Forest 96.5 WYSE (WZLS), with new owner, Liberty Productions, to take over.

OK Bartlesville *89.1 KWRI, \$[tereo], "Air 1"

TN Maynardville *88.3 WOEZ (WASJ)

TX Palacios 99.7 KROY (KZTX; before that KKOS)

TX Pittsburg 103.1 KDVE (KXAL), k, classic country, "The Lonesome Dove." IDs with Gilmer-Longview; no longer with Tyler.

TX Tatum 100.3 KXAL (KDVE), m, "Memories 100." IDs with Longview. [silent.

UT Nephi 103.9 KCSL (KFVR-FM). Reported/
UT Trementon 104.9 KENT (KACE; before that KNFL). KACE are the AM calls.

WA Quincy 95.9 KZML (KGER) [Nueva"

WA Wilson Creek 103.3 KWLN (KXKA), "La/
WI De Forest 93.1 WHIT-FM (AM is in Madison), d-a with 45% power at 90°

WI Mukwonago 105.3 WFZH

WI Nekoosa 93.9 WDVM-FM (WZRK); AM is in Eau Claire WI

WY Laramie 96.7 KHAT (KKRR)

WY Pine Bluffs 105.3 KREO (KASX)

Facilities Changes Granted

AL Ozark WAQG *91.7 5000 h,v (115 m), C3, adds vertical. [(254 m)

AK Anchorage KRUA *88.1 160 watts h,v/
AZ Mayer (moving from Winslow) KFMR 95.1 36000 h,v (792 m)

AR Pangburn (new) 99.1 6000 h,v (100 m)

CA Arnold K290AH 105.9 becomes commercial, ownership to La Favorita Broadcasting, along with its primary on 106.1 (KCFA there).

CA Fountain Valley (move from Avalon) KLIT 92.7 690 h,v; 293 m, d-a (directional antenna)

CA Fresno KOQO-FM 101.9 2250 h,v; 597 m

CA Mount Bullion KCIV *99.9 1900 h,v (640 m)

CA Mount Shasta K268AM *101.5 (from K215CU 90.9), v

CA Ridgecrest KZIQ 92.7 3000 h,v; -40 m

CA Thousand Oaks KMLT 92.7 3000 h,v; 141 m

CA Ukiah K268AN *101.5 (from K266AG 101.1), h,v

CO Hayden KIDN-FM 95.9 6000 h,v; 198 m

FL Key West WEOV 92.7 168 m (100000 h,v)

GA Cairo WSLE 102.3 9000 h,v; 349 m, d-a, with 70% power 90-100°, still C2

HI Waimea KAGB 99.1 is on the island of Hawaii, the former town of Kamuela. List as Waimea (Kamuela), to distinguish this station from KFMN-1 96.9 Waimea, on the island of Kauai. There is also a Waimea on Oahu. "Waimea [on the big island] was a district name, apparently. Maps and the FCC now consider it a town," J.D., Fresno CA.

IL Macon (move from Pana to the Decatur market) WEGY 100.9 6000 h,v; 100 m

IN Vincennes WATI *89.9 4500 h,v; 62 m

KS Great Bend KBDA *89.7 4800 h,v (34 m)

KS Herington KJRL *105.7 is noncommercial

KY Hazard WEKH *90.9 31000 h,v; 324 m

KY Lebanon Junction WOKH 107.3 (from 96.7), moving from Bowling Green

ME Dexter WGUY 102.1 23000 h,v (205 m) [m]

MI Ishpeming WMQT-FM 102.7 96000 h,v (160/)

MI Marquette WFXD 103.3 286 m (100000 h,v)

MI Negaunee WKQS 101.9 307 m (12000 h,v), still a C2. Both transmit from the Huron Mountains foothills northwest of Marquette.

MI Tuscola WWBN 101.5 1800 h,v; 149 m, no d-a (directional antenna)

MN Duluth K292EZ 106.3 move from near the shore of Lake Superior to atop the Duluth hill (KQDS-FM 94.9 tower site), h,v.

MN Ely WELY-FM 94.5 14500 h,v (103 m), on with those C3 facilities.

MN Moose Lake KBFH 106.9 6000 h,v; 36 m, transmitter Bamum MN.

MS Belzoni WBYP 107.1 9400 h,v; 162 m

MO Arnold KGNA *89.9 84 watts v (150 h), 40 m, d-a, with 20% power 20-40°

MT Livingston KPCK 97.5 236 m (100000 h,v)

NV Eiko K204EU *88.7 (from K214DJ 90.7), v

NV Ely KDSS 92.7 14000 h,v; 287 m, C2

NV Indian Springs KPXC 99.3 31000 h,v; 690 m, class C0.

NV Moapa Valley KBHQ 104.7 1000000 h,v; 299 m, C1

NY Sylvan Beach WBGJ 100.3 6000 h,v; 100 m

PA State College WFGI 94.5 1900 h,v; 179 m

OR Bend KTWS 98.5 (from 98.3)

SC Garden City WWXM 97.7 219 m (100000 h,v) [h,v; 606 m

TX Highland Village KWRD-FM 100.7 98000/

TX Odessa KBMM *89.5 2350 h,v; 163 m

UT Pleasant Grove KPGR *88.1 1250 h,v; -864 m [adding v(ertical polarization)

VT Rupert WMNV 104.1 4300 h,v; 61 m./

VA Bowling Green WWUZ 96.9 2950 h,v (144 m), "96.9 The Rock" (see logo, above).

VA Cape Charles WAZP *90.7 13000 h,v; 156 m, no d-a (directional antenna)



VA Virginia Beach WWHV 102.1 100 m, d-a (6000 h,v). Transmitter to near the S.E. city limits of Portsmouth.

VA Williamsburg WCWM *90.7 5600 h,v; 93 m, d-a, with 41% 300 to 310°

WA Aberdeen K204ET *88.7 100 watts h,v (from K201DM 88.1) [874 m, one-step C2

WA Newport KMJY-FM 104.9 930 h,v; [C1

WA Spokane KYWL 103.9 39000 h,v (432 m),/

KEEH *104.7 10500 h,v; 472 m, C1 [104.3), v

WA Woodland K284AK *104.7 (from K282AF/

WI Wauwatosa WXSS 103.7 257 m (19500 h,v)

WY Gillette (new) 103.9 (from 104.9 and before that 97.7) 100000 h,v; 150 m, d-a with 32% 180-220°. This is a one-step C1 grant.

WY Laramie KKHI 104.5 8000 h,v; 327 m

Stereo—Or to be \$[tereo]

AK Fairbanks KYSC 96.9, m, "Star 96-9." "But it's only testing, and not one of our stations. They have no phone listing. I only heard them once, and, yeah, they seemed to be stereo."

CA Tehachapi KKZQ 100.1, so, Westwood One's "groovin' oldies," but uses call letters without a nonID.

FL Murdock WHHD 98.9, r, hot AC. "I sold the station. The new owners put it on the air. I'm sure it's stereo. We ordered in stereo equipment for it!"

FL Sebastian WINT 95.9, m, "The Point." It IDs with several cities on the hour.

IA New London KKNL 99.3 k, temporarily relaying KKMI 93.5 Burlington. ID with Burlington.

TN Middleton WTCK-FM 100.7, sr, "Power 100.7"

Monophonic

FL Port Charlotte WRLR 100.1 hot talk, including Bubba the Love Sponge. No "Kiss 100."

Format Changes

Formats are the same as in the FM Atlas

Nationwide—several stations have temporarily switched to all-Christmas music, including some that made the switch well before Thanksgiving. Here's the list so far of FM stations with Christmas music:

DC Washington WASH 97.1

GA Gray WJZY-FM 96.5, using its new call letters and time-beingly "Holiday 96.5" (strict). New format expected Jan. 1.

IA Cedar Rapids WMT-FM 96.5

KS Kansas City KUDL 98.1 [100.5 The River."

MI Walker-Grand Rapids WTRV 100.5, still /

MN Anoka-Minneapolis-St. Paul KQQL 107.9, as is the practice at many Clear Channel Communications stations across the country. But it's still using the liner, "Good times and great oldies."

OH Cincinnati WVMX 94.1, Hamilton-Cincinnati WGRR 103.5, going by "Christmas 103.5."

SC Spartanburg WSPA-FM 98.9

TX Flower Mound KMEO 96.7, Dallas KDMX 102.9 (mixed with AC music), TX Highland Park-Dallas-Fort Worth KVIL 103.7

WI Sauk City-Madison WMLI 96.3 "And all Westwood one nostalgia stations!"

AZ Wickenburg KSSL 105.3 S, I, no "Que Buena," parallel to KHOT-FM 105.9 Paradise Valley.

FL Fernandina Beach WXGV 105.3 r, hot AC, "Mix 105" (from "Groovin' Oldies")

FL Jensen Beach WMBX 102.3 sr

FL Jupiter WJBW 106.3 r, modern AC [resumed

FL Marco WGUJ 98.9 o, classic hits, stereo/

FL St. Augustine Beach WYGV 105.5 r, hot AC, "Mix 105" (from "Groovin' Oldies")

HI Hilo KPVS 95.9 r, "Kiss"

HI Kapaa KITH 98.9 tm, "Travel Hit Radio," with a mix of tourist information, AC hits and Hawaiian music. [103.7," with studios on Maui.

HI Paaulio KNUQ 103.7 sr, (dance-CHR), "Q-/

ID Lewiston KATW 101.5 r, hot AC

IL East Moline KUUL 101.3 still o, adds Bob & Tom

IL Freeport WFPS 92.1 k, no "Star 92.1"

IL Rock Island WHTS 98.9 still r, drops Bob & Tom

IA Burlington KKMI 93.5 m

IA DeWitt KBOB 104.9 still k, now classic country

KY Harold WXLK 104.9 o, no "Double X"

KY Prestonsburg WXKZ 105.3 o, no "Double X," ending its simulcast with Harold.

MN New Ulm KXLP 93.1 still op, adds Bob & Tom

MS Drew WOHT 95.3 op, loses "Touch"

MO Hannibal KGRC 92.9 m, soft AC

NH Newport WVRN 101.7 o

NJ Ocean City WTKU 98.3 o, back to oldies

NM Santa Fe KCHQ 105.1 j, smooth, parallel to KRQS 101.3 Albuquerque. [94.5."

NY Ravena WKLI 94.5 rp, no "K Lite/ [stunting

OH Delta WRWK 106.5 had been rock. Now/

OK Coalgate KKFC 105.5 k, ABC's classic country

OR Bend KTWS 98.3 op, classic rock

PA Erie WQHZ 102.3 o, classic hits + Bob & Tom. Had been stunting. Now "Z 102." [104.7)

PA Laporte WQZI 103.9 m, "Cozy 104" (from/

TN Sweetwater WLOD-FM 98.3 o

SC Greenville WFBC 93.7 rs. In addition to CHR, they're playing urban and hip-hop. Still "B 93.7."

TX Tulia KLGD 104.9 k, "Country Legends." Had been silent.

VT Woodstock WMXR 93.9 o, classic hits. No "Bob Country," parallel to Newport NH.

VA Exmore WEXM 106.1 pr, parallel to WKOC 93.7 Chesapeake.

WA Quincy KZML 95.9 S, I, regional Mexican

WA Raymond KFMV op, adds d-a with 56% power 0-10°.

WA Wilson Creek KWLN 103.3 S, r, Spanish CHR

ON Newmarket CKDX 88.5 m, adult standards. No "Dancin' Oldies 88-5."

ON Toronto CILQ 107.1 still op, "Q 107," but drops Howard Stern. This was Canada's last station to carry him, after having been dropped in Montreal. The station says it dropped Stern "to solidify its classic rock format." Stern's contract had two more years to run, and Corus Media will have to pay for the rest of that contract (\$800,000 per year). Also, his ratings had recently slipped, and it took the time of two staffers during his show to make edits. His pro-

FMedia! Page 3 GA Station's SCS Improves After Dropping 57 kHz RDS December, 2001

gram ran with a full 10-15 minute delay, and the station had to do 10-15 edits a day.

On Air—Real Stations and Pirates (Selected)

GA Tennille WJFL 101.9 is being purchased by a new group called Small Town Radio, which is based in Alpharetta GA. "Small Town Radio is focused on acquiring and operating stations in small markets."

HI Lihue KHJC *88.9 g, from Calvary (Twin Falls ID)

IL Woodstock WZSR, "Star 105.5"—"With war and a soft economy, many radio stations are facing an advertising slump. But a Crystal Lake station that broadcasts from a one-story brick building east of McHenry County College, at the edge of a cow pasture, is bucking the national trend. Advertising sales are up 8 percent over last year, station officials say, largely due to its almost entirely local advertiser base. Star 105.5, with an adult contemporary format, sold about \$2.8 million in advertising last year, said Mark Fratrick, a vice president with BIA Financial Network, a market-research firm based in Chantilly, Va. Adam Jacobson, an editor for Los Angeles-based Radio and Records magazine, said those are respectable numbers for the Chicago area, the third-largest radio market in the country. Chicago's top adult-contemporary station is WTMX 101.9—"The Mix"—which sold more than \$28.1 million in advertising last year, Fratrick said. National radio advertising spots are down 40 percent since the Sept. 11 terrorist attacks. The attacks hurt the bottom line of bigger stations, but not Star 105.5's, said Dan Oberbillig, the station's general sales manager. But Star 105.5's sister station, WAIT 820 AM, which broadcasts from the same building, is suffering, in part because its nostalgia format appeals to older listeners who are considered to be out of their prime spending years. Such stations are weathering tough economic times, Fratrick said. "We're ahead of the industry; we're growing," Oberbillig said. Gary "The Bagel Guy" Castaldo, 28, who picked up his moniker because of his broadcasts from a local bagel shop five years ago, typifies the on-air personality with his homespun banter. He also is operations manager and program director. "You need to have a personality and a presence," Castaldo said. . . . Promotional gimmicks include the use of a mobile-broadcasting booth called the 'Giant Rolling Radio,' which appears at the McHenry County Fair in Woodstock and other local events. A clearly marked Star 105.5 vehicle scouts out bottlenecks on local roads. Knowing the audience is also a key to success. The station tries to appeal to its key listeners: stay-at-home mothers in their mid-30s, people working in offices and commuters who want music and local news. Its signal can be heard within a 65-km radius of Crystal Lake, primarily in McHenry County and parts of Lake, Cook and Kane counties.

IN Marion WCWC-LP *94.3 should be on by now. It has been installing its pole and antenna, and striving to be the first "W" low power FM station on the air nationwide. "They ask for prayer that everything will work properly." [stranger (the music) the better!]

MD College Park WMUC *88.1 still p, \$, with "the/

MA Boston WBUR *90.9 gives nine staffers the axe because of a 35 percent reduction in corporate underwriting. This followed boycott attempts by

some underwriters because of "anti-Israel reporting." People let go were not identified, but they include three news/producers and three jobs at its Providence affiliate WRNI 1290 AM. Its afternoon public affairs show, *One Union Station*, has been placed on hiatus, but is scheduled to return in restructured form in January. The 35 percent reduction would be \$2.4 million from a total of \$7.3 million in underwriting income.

MN Buhl WIRR *90.9 "finally got their channels the same" as with WSCD *92.9 Duluth. WSCD was notified about a year ago that the channels were reversed, and it took this long for them to straighten the channels out.

MN Golden Valley K214DF *90.7 still IDs with "KLOV Winchester," not specifying that Winchester is in Oregon. It does not relay nearby KMKL *90.3 North Branch MN, probably because of inability to pick up the KMKL signal. [93.1 in stereo.

MN Minneapolis area—"Free Radio Twin Cities"/

MN Morris K213DN *90.5, with LA's WJFM 88.5

MN New Ulm KXLP 93.1 but low power because of fire. Same fire at the transmitter of KMSU *89.7 Mankato has resulted in its being about 35 watts.

NE Kearney KRNK 102.3, "Y 102," now with C1 facilities, "improving its signal into Grand Island and Hastings."

NY Albany WAMC *90.3 reached its goal of \$500,000 in its fall drive. This was bolstered by increased listening following the news coverage of Sept. 11. It still has two SCSes (†C,U), unlike what is said Nov. p. 5, col. 1 about it having no SCSes.

NC Aberdeen W202BQ *88.3 with WCPE *89.7 Raleigh

OH Plainbridge-Cleveland WKHR *91.5 was to have turned on its new transmitter "on the east side of Cleveland. Preliminary tests were looking good!"

OH Streetsboro WSTB *88.9 celebrates four years of the "Sunday Oldies Jukebox" show, "and still 100% commercial free," writes Bill Weisinger, engineer, who's also connected with WKHR.

TX Uvalde KBNU 93.9, C3, having moved from 93.7.

WI Sheboygan Falls WWJR 106.5-WBFM 93.7 Sheboygan-AM raised almost \$10,000 for the New York city efforts. WWJR had auctioned off an American flag, which once flew over the U.S. capitol. Two companies each bid \$2500 on it and suggested the station keep the flag for further bidding. The stations' fund-raising continues.

EL SALVADOR San Salvador—two music channels in the 72-76 mhz band from a company called "Teleonda Musical." It never IDs or gives the exact frequencies.

FM-88.9 SUNDAY OLDIES JUKEBOX



Off Air—Or Not Yet On

HI Lihue KAWV 98.1

IN Crown Point WXRJ 103.9, permitting WRBR 103.9 South Bend to be heard in NW Indiana

IN Lowell WZVN 107.1, permitting dominant WIRX 107.1 St. Joseph MI to come in better in N.W. Indiana. Also heard on that frequency: WEDJ Danville-Indianapolis, WSPY Plano IL.

KS Phillipsburg KKAN-FM 95.3 reported off the air.

MN Hibbing KADU *90.1 still off, with answering machine saying when it returns it will have a new format.

WA Mabton KLES 98.7

Deletions

CO Glenwood Springs K202AB *88.3, see "New."

HI Kamuela K276DX 103.1

ND Bismarck K219CH *91.7. See "New."

SC Saluda W235AF *94.9. Never operated. "We had a permit for a site that was not suitable and requested a move. In that we did not place the unit in operation while we waited for years on our request to move they denied the installation. We will file again when they open up applications for translators that have been frozen for years."

FMistakes—FM Atlas-18, FMedia!

GA Hampton WHTA 107.9 "Hot 107-9" (not "Hot 107.9"), Nov. p. 2, col. 1. [p. 2, col. 1.

IN Valparaiso *93.5 is WITW-LP, not "WITW," Nov./

MN Anoka 107.9 is KQQL, not "KQOL," p. 237.

MT Hamilton new station is "90.3, not "900.3," Nov. p. 1, col. 2.

NJ Trenton 94.5 is WNJO (not "WNJUO"), Nov. p. 3, col. 2. [p. 2, col. 2.

NM Las Cruces K211EN is *90.1, not 91.1, Oct. p./

"I am a farmer, raising grain and cattle. But I enjoy listening to the radio. The *FM Atlas* sure helps as a guide when I look for information about a station," G. H., Munden KS.

"Don't know where I'd be without it [*FMedia!*] Thanks go to you for continuing to make it available!" R.E., by e-mail from New Jersey.

SCServices, 57, 67, 92 kHz

Symbols are as in the FM Atlas

DC Washington WWDC-FM 101.1 no SCSes (had †M,R)

GA Atlanta WRFG *89.3 drops RDS 57 kHz; retains Vietnamese 67 "at greatly increased modulation level. The 57 was interfering with the 67, but only because the latter was turned down so low."

GA Hogansville WMAX-FM 98.3 no †().

MN Alexandria KIKV 100.7 †(JU). The †() is a nonRDS use of the 57 kHz subcarrier.

MN Minneapolis WLOL 100.3 †(), non RDS

WI Eau Claire WAXX 104.5 no SCSes (had †M,R)

WI La Crosse WIZM-FM 93.3 still †M(usic)

ON—"A CBC radio engineer tells me CBC radio services have largely dropped RDS because RDS was piggy-backing on a private service the CBC was hosting for truck paging. This is for the time being, he says. . . . Will try to find out more. I had noticed only one CBC radio transmitter (89.1 in Paris ON) has been using RDS, lately. Disappointing," S.C. Toronto.

NonIDs, Not Just Slogans

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

AL Birmingham WODL 106.9 106.9 The Point

AL Homewood WRLR 97.3 Oldies 97.3

HI Kahala'u KLEO 106.1 K-Big, parallel to KKBG 97.9 Hilo. Also KAPA 100.3 Hilo and KAGB 99.1 Waimoa are parallel with Hawaiian music.
 HI Kaitua-Kona KLUA 93.9 Kiss (from "93.9 Kailua FM"), parallel to KPVS 95.9 FM.
 HI Kalaheo KTOH 99.9 Hits 99 FM
 HI Kealahou KAOY 101.5 K-Hawaii, parallel to KHVI 92.7 Hilo. "Hope this helps clear up things. Hawaii has always been confusing. I think I finally have clear what stations belong to what islands, even though some have studios on a different island from their transmitter. Driving around each island is especially interesting since you can usually hear FM stations from nearby islands besides the locals," John Dresser, TV engineer, Fresno.
 IN Westport WJLR *91.5 K-Love
 MI Grand Rapids WOOD-FM 105.7 Star 105.7 (from "EZ 105.7." All-Christmas music until Dec. 26, "when an adjustment to the station's adult contemporary format is said to be coming. A couple of staffers have been let go," P.B., Spring Lake MI.
 TN Sweetwater WLOD-FM 98.3 Oldies 98.3
 TX Palestine KYYK 98.3 Lone Star 98 (from "Kick 98"), still country.
 VT Springfield WXKK 93.5 Kixx Country



WA Edmonds KCMS 105.3 Spirit 105.3
Selected AM Happenings

GA Atlanta WGST 640 is one of the stations carrying Rush Limbaugh (pictured). He claims to be 100 percent deaf (see story last month p. 8, col. 3), until hopefully a cochlear implant operation will restore much of his hearing. For now, when he takes callers his assistants type out what's being said, with special notations of the caller's mood "so Limbaugh can react appropriately."



GA—Avila Radio is an organization headquartered in the Atlanta area that wants to establish Catholic radio across America. Initially, some 160 markets nationwide have ex-



pressed interest in the EWTN-type format. Stations are expected to be primarily on AM, but FM might follow. Those stations would "transmit the truth of Christ," according to *The Georgia Bulletin*, the weekly newspaper of

the Catholic Archdiocese of Atlanta. Avila Radio was founded in March by Jim Duffy, former international radio marketing manager for Eternal Word Television Network (EWTN). It is a nonprofit organization designed to raise money to "bring Catholic radio to America." Duffy said, "It's exciting. . . It's actually a big movement that's nascent at this point. We're the new kids on the block." While the movement is independent, Avila Radio did receive a letter of blessing from Archbishop John F. Donoghue, which said in part, "The need for Catholic communications in this archdiocese is great. I am a strong believer in Catholic communications and feel that every sincere effort to spread the good news of Jesus Christ should be recognized. I applaud your effort and the energy you have personally expended to bring Catholic radio to the Archdiocese of Atlanta."

Korean station closes—GA Decatur WPBC 1310. "Metro Atlanta Koreans lost a source of information. . . when a popular Korean language radio station closed. Owner Charlie Kim blamed, in part, increased competition for advertising revenue. Community leaders say older Koreans have lost a bridge between their community and American culture." WPBC was Korean three years.

GA Hapeville WWWE 1100 is the Spanish-language talk station which has been compared to WSB (750 AM Atlanta). It plans to move to 1130 AM, formerly occupied by WPBC. La Invasora will thus acquire a full-time signal, as opposed to the daytime limitations of 1100. It is tied in ratings (Arbitron) with WAZX 1550 AM Smyrna, which is known as "Que Buena." Any future use of the 1100 frequency was not announced.

GA Trion 1180 now WQZQ (from WSAF) and English. It had been Spanish religion. Bible Broadcasting Network's WQRX 870 AM Valley Head AL may change to Spanish.

MS Bay Springs WIZK 1570 silent. Was black gospel. (Had been black gospel.

MS Richland (Jackson area) WWDF 720 silent./

TX Weatherford KZEE 1220 had been oldies, now Korean, serving Dallas-Fort Worth.

VT Bennington WBTV 1370, a station nobody seems to want, has been donated to Southern Vermont College. The AM affiliate of FM 94.3, it had been a locally-programmed station from 1953 until being sold to Vermont Public Radio in 1999 for \$901,000, along with the FM. "The 3000-watt FM station enabled VPR to achieve its goal of providing statewide service. But the AM station proved to be a liability," according to an Associated Press story. Robert Howe, a local Bennington businessman, bought the station from VPR to bring back local programming. Howe's going to take about a \$500,000 tax deduction for

donating WBTV. However, he says "It's going to stay local. It's working out to be just what I wanted it to be. I think it's perfect." The school plans to take over Jan. 1, pending FCC approval. "We see it [the station] as an incredible opportunity," said SVC President Barbara Sirvis. She plans to keep it a community station, not a college station, but faculty expertise will be called upon. It is not known if the station will retain commercial operation, or go noncommercial.

FRANCE—Overcrowding on the 87.5 to 108 mhz band is forcing new would-be owners to check out opportunities in AM. Previously, AM was neglected, since FM stereo is available on most radio receivers and "offers much better listening quality," according to Franck Ernouid in Radio World. In the 1960s RTF, the public service broadcaster, launched FM stations in Paris and outlying cities, called France Musique. These stations duplicated the long- and medium-wave stations, and made AM listening largely unnecessary. AM growth stalled in the 1960s and is only now showing signs of rebounding. In 2000 Ciel AM (frequency not available) revived private radio interest in the languishing AM band in Paris.

FMakings—Selected FCC and Industry Canada Applications

- AZ Wickenburg KSWG 96.3 (from 94.1)
- CA Barstow KXXZ 95.9 8900 h,v; 148 m
- CA Grass Valley KNCO-FM 94.1 660 h,v
- CA Jackson KNGT 94.3 510 h,v
- CA Long Beach KLOM *88.1 30000 h,v; 137 m, B
- CA Oxnard KCRU *89.1 850 watts h,v; d-a
- CT New London WCNI *90.9 (from 91.1) 8800 v, 57 m, Class B1. A petition to deny was denied by the FCC.
- FL Riviera Beach WWLV 94.3 50000 h,v; 145 m, C2
- GA Douglas—the Bible Broadcasting Network expects approval within 30 days of a translator here. It would relay WLPE *98.5 Ocala. "This one has been in the works for years." However, the FCC shows the only applications in Douglas are for an *89.1 translator for WJFM *88.5 Baton Rouge LA, and two LPFM stations on *99.1, which are just two dial spaces away from WDMG-FM 99.5.
- GA Statenville WHIJ 97.5 4300 h,v; 117 m
- GA Wrightsville WDBN 107.5 10000 h,v; C3
- IL Loves Park WKMQ 96.7 2200 h,v; 168 m, d-a
- IL Romeoville WLRA *88.1 140 h,v; 40 m
- IN Noblesville WGRL 93.9 3250 h,v; 138 m
- IA Des Moines KSTZ 102.5 342 m (100000 h,v), C0
- KS Girard KSEK 99.1 6000 h,v
- KY Coal Run (move from Elkhorn City) WPKE-FM 103.1 1200 h,v; 226 m, d-a
- ME Bangor WWBX 97.1 6500 h,v
- ME Islesboro WBYA 105.5 20000 h,v, keeping its d-a
- MD Ocean City WSDL *90.7 18500 h,v
- MN Sunburg KLFN 106.5 6000 h,v; 100 m
- MO Cabool KFFW *89.9 11000 h,v; 150 m, C3
- MO Lamar KHST 101.7 22000 h,v; C3
- NJ Woodbine WJPH *89.9 470 h,v; 39 m
- NY Pulaski WSCP-FM 101.7 3700 h,v; 128 m

NY Utica WRVN *91.9 2000 h,v (19 m)
 NC Hickory WPIR *88.1 21000 h,v; (77 m, d-a)
 NC High Point WVBZ 100.3 343 m
 NC New Bern WAAE *91.9 350 watts h,v
 NC Roanoke Rapids WZRZ *88.5 34000 h,v
 NC Wilmington WDVV *89.7 700 h,v; 91 m
 OH Cleveland WQAL 104.1 13000 h,v; 293 m
 OH North Kingsville WFXJ 107.5 3600 h,v; 130 m
 OR Redmond KWRX *88.5 670 d (250 h,v)
 PA Lewisburg WGRC *91.3 3000 h,v; 98 m, d-a, B1
 SC Bishopville WKHT 93.7 3000 h,v; 142 m
 SC Saluda WJES-FM 92.1 6000 h,v
 TX Big Spring KBCX *91.5 33000 h,v; 93 m, C2
 TX Mount Enterprise KGRI 99.9 6000 h,v; 36 m
 TX Victoria KXBJ *89.3 17000 h,v; 100 m
 UT Salt Lake City KUBL-FM 93.3 25000 h,v
 WA Seattle KEXP *90.3 3000 h,v; 211 m, d-a
 WV Charleston WVPN *88.5 17250 h,v; 217 m, d-a
 WY Diamondville KDWY 105.3 67000 h,v; 354 m, C1
 WY Kemmerer KAOX 107.3 100000 h,v; 289 m, C1
 PR Quebradillas WIDI 99.5 50000 h,v; 465 m

FM Rulemakings Proposed

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

CA Burney 92.9A, as proposed by Corey J. McCaslin, PO Box 7612, Chico CA 94592, Dec. 24, Jan. 2.
 CA Sunnyvale (move from Fremont) 104.9A, KCNL. This move would end short-spacing KCNL has to KFOG 104.5 and KITS 105.3 San Francisco as well as to KRPQ 104.9 Rohnert Park CA. Its site would be 20.4 km from Sunnyvale, which is normally too far away to deliver 70 dBu to a city of license, but in this instance actual terrain data show the city grade signal extending far enough to cover the entire city of Sunnyvale (16.2 km is the normal extent of the 70 dB signal), Jan. 14, 22.

MO Birch Tree 96.1A @ 10.5 km SE because of KKID 95.9C3 Salem MO, Dec. 10, 26, as proposed by Charles Crawford of Dallas TX.

FM Rulemakings Finalized

Filling periods delayed pending announcement of auctions

AZ Patagonia 98.1A @ 1.1 km NE, with Vail. [KZNO AZ Vail 98.5A (from Nogales 98.3A), at 15.2 km SE, 104.5A, by Desert West Air Ranchers Corp., PO Box 36717, Tucson AZ 85740. [WELT.
 GA East Dublin 93.1C3 (from 98.1A Swainsboro), GA Wadley 98.3A
 KY Fort Thomas (move from Lebanon OH) 97.3A, WAQZ—in the urbanized Cincinnati area.
 LA Lake Charles 103.3C2 (from 103.7C1), KBIU, with La Porte TX. [@ 21.2 km N.
 NM Milan 100.7C0 (from 100.7A Grants), KXXQ,
 NM Pecos 102.9C3 (from 102.9C2 Las Vegas NM), KTRL, at 15.5 km SE.
 NM Shiprock 107.7C1
 OH Columbus Grove 93.9B1 (from Van Wert 93.9A), new permittee. Site to be 8.1 km NW.
 OH Lebanon (move from Hamilton) 96.5B, WYGY
 OR Bend 98.5C3 (from 98.3C3), KTWS
 OR Madras 98.1C1, at 36.6 km NE
 OR Prineville 98.9C3 for 98.7C3
 PA Sykesville 95.9A
 TN Oliver Springs 106.1A. Denied counterproposals to add channels to Clinton, South Fulton, Tiptonville and Trenton.

TX La Porte 103.7C (from Willis 103.7C3), KVST
 TX Nacogdoches 103.3C2 (from 103.3C), KJCS, with Wavo Broadcasting to reimburse KJCS for the downgrade.
 TX Willis 99.7A (from Huntsville 99.7C3), KUST
 VA Glade Spring 102.7A, at 13.3 km E because of WVSR 102.7 Charleston WV
 VA Grundy—show cause/why not to WMJD 100.7A from 97.7A. Previously, WRIC-FM Richlands had agreed to move from 100.7A to 97.7A and WOLD-FM Marion from 102.5A to 100.5A, with all the stations to be reimbursed for moving by WSEH (see below) or the new grantee at Glade Spring VA (above). [102.7A), WSEH

FM As It Was—Or Might Have Been: The Legacy of Edwin H. Armstrong

Memories of FM's inventor Edwin H. Armstrong have appeared in a number of publications after the Sept. 11 disaster had knocked TV and FM broadcasting off the World Trade Center. Some of the stations relocated to Armstrong's historic tower in Alpine NJ. That tower was built in 1937 after Armstrong and his FM apparatus were kicked off the Empire State Building by RCA/NBC. It is especially ironic that WNBC-TV (4) landed on the Armstrong tower, at least for a while, until space could be found on the Empire State Building.

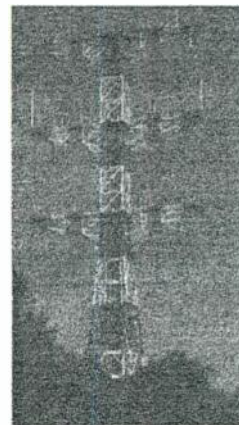
I happened to glance out the west-facing window of the Penn Central and saw the Armstrong tower, as the train was heading north, toward Syracuse in the mid-1960s.

Radio World, in its most recent issue, recounts the history of that tower. Unable to quickly relocate to the crowded spar at the peak of the Empire State Building, the broadcasters turned to what has become a broadcast landmark: Edwin Armstrong's tower on the Palisades Interstate Parkway in Alpine NJ. In the scurry to get back on the air, few realized the irony of choosing Armstrong's historic mast, once the site of America's first FM radio station.

"The idea of NBC ending up there, it's kind of ironic, isn't it? Maybe Armstrong is turning over in his grave," mused Jerry Minter, a long-time radio engineer who knew Armstrong.

It was on the 85th floor of the Empire State Building where Armstrong had his FM apparatus. The building had just opened in 1931, with the top of it to have been for dirigibles' landing. Later an antenna was placed there, and by

1935 it was clear that Armstrong's "static-less" FM system worked well—perhaps too well. RCA's David Sarnoff claimed he needed the space for television, ordered Armstrong to remove his equipment and vacate the Empire State Building. That eviction left Armstrong "undeterred in his quest to bring high-fidelity FM radio to New Yorkers," wrote Frank Beacham. After buying 11



acres in Alpine that overlooked the Hudson River and the New York city skyline, Armstrong built a 425-foot, three armed steel tower (left) and soon launched the FM radio station. "It was a spectacular project, both in its visionary foresight and scenic beauty." From the top of the tower, which Armstrong loved to climb just for pleasure, it is said you could see out to the tip of Long Island.

But the war with Sarnoff was far from over. With commercial television on the horizon, a lengthy patent battle ensued between Armstrong and Sarnoff's RCA and NBC network. "Sarnoff started stealing the patents. In early television equipment, RCA paid a royalty for the picture component, but they decided not to pay a royalty on the audio component, which was the invention of Armstrong. What Sarnoff did to Armstrong was just awful. Just inhuman," said Tom Lewis, author of *Empire of the Air: The Men Who Made Radio*, a 1991 history of the industry.

"Sarnoff was trying to block FM and trying to block Armstrong. Making him go broke was as good a way as any other. RCA effectively chose to violate his patents and not pay him," said Renville McMann, who began his engineering career with Armstrong at the age of 14. McMann pointed out that RCA was more afraid of FM's ability to pick up one station and relay the programming on another as a threat to networking than being a threat to AM broadcasting. After all, NBC was very much tied to using telephone lines to connect its affiliates, and NBC was the leading radio network, with RCA being its manufacturing arm.

After Armstrong died in 1954, his widow Marion Armstrong continued the legal proceedings against RCA

*To Bruce Ehring
With best wishes
Marion Armstrong*

1969.

and eventually the courts vindicated Armstrong as the legitimate inventor of the technology used in both FM radio and television audio.

Minter recalls being at Armstrong's funeral. "Sarnoff sat behind me. I'd never met him, but he shook hands with me and everybody there. When it was over, he just stood there looking stunned as we all walked off. He was very upset. I think he felt responsible" for Armstrong's suicide.

Now the tower is owned by Charles Sackerman and operated by the Alpine Tower Co. of Montvale NJ. It has long been the home of WFDU *89.1 Teaneck NJ, the station of Fairleigh Dickinson University, as well as being used by numerous communications services. The December *Sound & Vision* magazine also had a story on the tower, along with picture.

The site is ideal for VHF and UHF transmissions, being high with no other tall structures that might cause reflections. The top of the tower is roughly the height of the Empire State Building. McMann: "Armstrong was technically brilliant. Many of his ideas were truly great. He came up with solutions that others of us would not have considered. He was head and shoulders above any other engineer I've ever known. I don't think Sarnoff knew how to turn on and off the lights. He'd been a telegraph operator, but he was no engineer."

For supporters of Edwin Armstrong, a man who died thinking he was a failure, the events of September 2001 are still another validation of

his genius, wrote Beacham. "Not only the building of that tower, but every time you touch a television or radio invention of Edwin Howard Armstrong," said Lewis. "I bet you can find few people at NBC today who even know who Armstrong was. But the ultimate irony is they wouldn't be getting a paycheck today had it not been for him."

Is "Concord Media" Part of a "Shell Game" for Clear Channel Communications?

Critics of media giant Clear Channel Communications have alleged that there have been efforts by the company to circumvent local ownership rules of the Federal Communications Commission. Now, in an Internet story by writer Eric Boehlert, there might be solid evidence.

The charge of a media "shell game" have been made by an Ohio resident, against the company which, with nearly 1,200 radio stations, is by far the radio industry's most powerful player. FCC rules limit companies from owning too many stations in one broadcast market, and the commission approved many of those consolidations on the condition that the company divest itself of certain stations in some cities. Now, voices are beginning to charge that Clear Channel may have in fact retained control of some of those stations—an unprecedented flouting of commission rules.

In August, 1998, during the height of the dizzying deal making, the antitrust division of the U.S. Department of Justice reached an agreement with Jacor Communications: It could complete its \$620 million purchase of a rival, Nationwide Communications, but only if Jacor agreed to sell off eight radio stations. This common DOJ requirement was to prevent Jacor from dominating programming (and therefore advertising rates) in specific markets.

Broadcast companies were figuring out how to acquire as many stations as possible without exceeding the FCC's station-ownership limits in any one market. It was common for a company to agree to buy up a competitor's entire roster of stations, knowing it might have to shed some later in order to get a green light from the DOJ. Jacor agreed to sell the

eight stations to a competitor. One of the stations in question was a country-music station, WKKJ 93.3, in Chillicothe, Ohio, 65 km south of Columbus. Later that year, Jacor itself was acquired by Clear Channel Communications, which agreed to honor the DOJ agreement concerning WKKJ.

Fast-forward to August 1999, when Concord Media, a small Florida-based radio company, entered into a time-brokerage agreement with WKKJ's new owners. The deal handed over day-to-day control of the station to Concord, which in exchange paid the station's real license a fee. Meanwhile, Clear Channel still owned three of Chillicothe's four commercially licensed stations.

But now, in what may be the first FCC filing of its kind, a Chillicothe advertiser has petitioned the Federal Communications Commission, charging that WKKJ's Concord Media "is nothing more than a shell company operated entirely for the benefit of Clear Channel." The petition also alleges that Clear Channel has been "playing an elaborate shell game with its radio station assets" to avoid anti-trust prosecution. In other words, one year after promising the DOJ it would not operate WKKJ, Clear Channel effectively took control of WKKJ via Concord Media, and now controls four stations in the market.

As evidence, the petition charges that Clear Channel employees work at every one of Concord Media's stations and that, according to Clear Channel's own FCC filings, WKKJ employees are paid by Clear Channel, not Concord Media. Clear Channel had no comment. Concord Media president Mark Jorgenson did not return a phone call seeking comment. According to FCC filings, Concord Media owns nine radio stations. Most of them were purchased from Clear Channel at times when the company had to divest stations. Jorgenson also runs his own media brokerage company, often handling station sales for Clear Channel.

The FCC complaint gives voice to a widely held, if previously only murmured, belief inside the radio business that San Antonio-based Clear Channel, known for its aggressive expansion strategy, has been openly skirting ownership laws. One



Edwin Armstrong

FMedia! Page 7 Mike Rice Won't Get to Build Cuba MO FM Station December, 2001

frustrated California broadcaster says he recently met with FBI officials to lodge that complaint in his market. Another broadcast representative tells of having a confidential meeting with Justice Department officials where the same accusation—phony radio holding companies working on behalf of Clear Channel—was detailed. "They were clearly concerned," says the source. And an industry publication, *Inside Radio*, published allegations that San Antonio-based Mercury Broadcasting operates as a "front for Clear Channel" in Charlotte NC, where the company is maxed out in terms of station ownership. *Inside Radio's* anonymous sources suggested Clear Channel, not Mercury, actually runs local station WFMX 105.7 Statesville, complete with issuing paychecks to WFMX employees and operating its Web site.

Critics suggest that the company is under enormous economic pressure to make its vast new radio holding work, and that the company as a consequence cannot afford to divest stations it promised to. Clear Channel lost \$232 million during its recently concluded third quarter, compared to a net gain of \$448.9 million a year earlier.

The Ohio petition, filed by Washington communications attorney Arthur Belenduik on behalf of a Chillicothe-area carpet dealer and radio advertiser, David Ringer, argues that the holding-company scheme is not isolated to Chillicothe, but that Concord Media, as well as other alleged shell companies, holds station licenses in name only while Clear Channel runs the stations and, presumably, pockets the revenues. Either situation would be in clear violation of FCC ownership rules. The suit says that Ringer, as a radio advertiser, is concerned that the company will dominate the market and be able to hike advertising rates. Through his lawyer, Ringer declined comment.

In some cases the alleged shell companies submitted employment report filings with the FCC that listed their corporate address as "200 East Basse Rd., San Antonio, TX"; that's the corporate home of Clear Channel. The documents, submitted under penalty of perjury, were signed by

"Rick Wolf," as "VP, Corp Counsel" [sic]; Wolf is vice president and corporate counsel for Clear Channel.

Why, the petition asks the FCC, did Clear Channel apparently fill out employment records for radio stations it has no official connection with, and is in fact supposed to be competing against?

It was perhaps only a matter of time before someone inside radio raised an official objection to Clear Channel's practices, which have never been subtle. For instance, in 1998, when Clear Channel merged with Jacor, the company was ordered to divest itself of four stations in Jacksonville FL. They were sold to Concord Media. Yet according to a June 15 article in Jacksonville's Florida Times-Union newspaper, Clear Channel-Jacksonville recently moved all its radio, TV and outdoor advertising businesses under a single 11,152 square-meter, \$8 million roof. Among the radio stations moving inside were Concord Media's four local outlets.

Clear Channel sells those stations' advertising; they are overseen by a Clear Channel general manager, according to the company's Web site; and they share the same offices. But legally, the Concord Media stations are supposed to be operating independently. Ringer's complaint notes that the Web site for Concord Media's Jacksonville stations includes an icon that reads "Clear Channel Jacksonville Media Family." Clicking on it opens a page detailing all of Clear Channel's media holdings in the area. "Listed on this page are four Jacksonville area stations supposedly owned and programmed by Concord Media," the petition says. Clear Channel claims it simply sells advertising for Jacksonville's Concord Media stations. But the stations' Web sites, which are plainly marked as property of Clear Channel, include contact links for station programmers and disc jockeys, not just salespeople. Ringer's FCC petition says that a Concord Media employment report, dated Sept. 16, 2000, suggests that the company is able to operate its four Jacksonville stations with just seven full-time and seven part-time employees. By contrast, Clear Channel's filing for the same period indi-

cated it needed 220 full-time and 115 part-time employees to run its seven Jacksonville stations. The petition suggests to the FCC that Concord Media's Jacksonville stations are being manned by Clear Channel employees.

And then there's Concord Media and Clear Channel's partnership in Upstate New York. Last year, after purchasing a small competitor, Clear Channel had to sell four stations in the region in order to comply with FCC ownership rules. The four stations were sold to Concord Media. Once again in FCC filings the company listed its address as Clear Channel's San Antonio headquarters, and Clear Channel V.P. Rick Wolf signed them. And Concord Media reports that it operated the four stations with fewer than a dozen employees.

Recently, the FCC has hinted it might further relax ownership rules and Clear Channel felt confident buying back four Albany, N.Y., area stations from Concord Media. According to a Sept. 3 *Capital District Business Review* article, Concord's local manager downplayed any disruption the transaction might create, stressing, "Clear Channel and Concord work pretty closely together."

"It's now up to the FCC to determine if the broadcasters work a bit too closely together," wrote Boehlert.

Small-Print Happenings and FM Industry News

The FCC hopes to speed up processing of station sales. There's been an "inordinate" amount of sales applications. Chairman Michael Powell doesn't sound like a Republican. He wants a hard look at LMAs and joint sales agreements, and a new look at the "failed station" standard. Latter kicks in and supposedly facilitates a sale when a station is dark or facing bankruptcy.

And Michael Rice's silent stations stay that way. He has been denied upgrades at KBMX 101.9 Eldon MO and can't build the new KFYE 102.1 Cuba MO. He's a convicted felon who has lost his stations in Missouri and Indiana.

Any entity doing business with the Federal Communications Commission must now register to receive a unique 10-digit identification number, known as an FCC Registration Number, according to the National Federation of Community Broadcasters newsletter. Such a number can be gotten online through the www.fcc.gov website.

Broadcasters perceiving XM and Sirius as a threat? These media groups are

said to have a policy of not taking XM or Sirius ads: Cox Radio, Buckley Broadcasting, Greater Media, Entercom. And read below, one person's experience in listening to XM Satellite Radio.

Some classical stations have stopped offering opera, but WCPE *89.7 Raleigh NC has gone one step farther. It's offering the season's broadcasts online at www.wcpe.org. WCPE can also be heard by owners of home C-band satellite dishes on Galaxy 5, Transponder 7, at 5.58 and 6.12 mhz. The Met is in its 62nd season from New York city, and underwritten by ChevronTexaco.

This season, the WBCL (*90.3 Fort Wayne IN) network is striving to make Christmas more blessed and enjoyable for children who might not get toys. It has several collection places for new, unwrapped toys for kids, infants through high school. There's a list of needed gift items at the various collection sites in northeast Indiana and northwest Ohio.

From the classifieds: B.A. in broadcasting, Western IL University. Two years on-air experience at KGRS 107.3-KBKB 101.7-AMs Burlington IA. John Weyer, 18971 110th Ave., Sperry IA 52850; 319-985-2555.

Wants to buy BE, Harris, any exciter physically complete, but in poor condition. Leave message. Jeff, 815-784-5219.

General manager KMUN *91.9 Astoria OR. KMUN has all new equipment from microphone to antenna and is in line to get a new frequency for its main and translator network. Astoria is a historic town of about 12,000 with a wide range of professions in the population. Portland is 161 km away. EOE. Salary between 27K and 31K. Letter, resume and three references to Sandy Bradley, KMUN g.m. search, PO Box 43, Nahcotta WA 98837.

Have some of the flavor of the "Publishing Estate" in your home or business this season. Now selling red dogwood branches as harvested on our land, and much sought in the Minneapolis area. Buy a dozen for \$3 plus \$5 shipping, or two dozen for \$8 plus \$5 shipping. Prepaid orders only to "FM Atlas," PO Box 338, Esko MN 55733-0338. Hey, I'm a dogwood farmer!

FM FORUM

CONTRIBUTIONS FROM READERS

Continuing with comments by Marshall Whisnant, now living in Oak Ridge TN: "While in college in the late '40s, I first went to work in a dawn to dusk AM, 1000 watt independent station in Charlotte NC, WGIV. I always felt that the station was ready to go under except for the Hadacol spots. I was the early morning man there playing a mixture of country and pop music of the day.

"Next I auditioned for a staff announcing job at WIST (104.7), a 50,000 watt station in Charlotte. WIST was chiefly classical music (all on 78 rpm records and a few transcriptions pre-tape and pre-LPs) and sports. WIST was owned by the Surety Broadcasting division of Surety Insurance whose big station was WIS (560) in Columbia SC. WIST and a few other North Carolina stations came together to form the Dixie FM Network. At WIST I learned something of the classics and the pronunciation thereof. When I auditioned, I was given a script of the RCA record program 'Music You Want When You Want It'. The particular copy I had to read included the name of Prokofief. That was a name I had never seen and I pronounced it pro-ko-FEEF. They hired me anyhow. At WIST I worked with some high class pros in the

radio business. We also covered the Charlotte professional football games. I did the color and commercials and a veteran sports announcer (the late Norman Prevatte) did the play by play. In the next booth was a high school kid who did it all and clobbered us in the ratings. There I was the big college senior being whipped by a lowly high school student. I learned two things: 1) Broadcasting was not a good profession for me to follow; and 2) I could spot superior talent. The high schooler was Charles Kuralt of 'on the road' fame.

"Next, I worked as a staff announcer and as the classical music director for WMIT (106.9). The transmitter for WMIT was on top of Clingman's Peak contiguous to Mount Mitchell—the highest point in eastern America. It was originated by Gordon Gray, former secretary of defense, I think. He owned the newspaper in Winston-Salem and two radio stations, WSJS and WSJS-FM (104.1). [Long after my time there, Billy Graham bought WMIT at 106.9 from Black Mountain NC.] The programs were microwaved to the transmitter 90 miles away to the 375,000 watt signal which covered seven states. Programming was a mix of popular and country music plus my classical effort, which was called the 'Classical Cupboard'. Additionally, we carried the Liberty Broadcasting System's baseball coverage. The manager of WMIT taught me a valuable lesson one day as he came into the studio during a station break and cut my microphone off and told me never to open the key to a microphone without having a smile on my face. What good advice!

"It was all fun for me and I hope I did at least a little good for each station while I was there. I trained in hospital administration and pursued that as my life work. I do think I did some good for others in that profession. As a hobby I continued to enjoy high fidelity monaural and then stereo music and music systems. You may not have any use for this information, but I was glad to write it to you and for my own reminder of how it once was."

XM Satellite Radio reviewed by Rod Pegoraro, in his "Logging On" column in the Washington Post: Under normal circumstances, setting out for a drive of any duration without a stack of CDs is a dumb idea. It means putting up with the playlist-strangled selection of commercial FM radio, where, with depressingly few exceptions, the mainstream has gone stagnant and most things non-mainstream are being herded to extinction.

Faced with the steady diet of nothing served up by "modern rock" stations, the most odious example of this trend, I've actually shut off the radio in favor of listening to my car's engine. [Recently] I clocked 225 miles without the aid of a single CD or tape. What kept me from going batty was XM Satellite Radio.

It's no exaggeration to call District-based XM the first new thing in radio since FM itself. It uses a new transmission technology—two satellites in geostationary orbit, backed up by land-based repeater antennas. With 100 channels of music, news and talk, it offers far more variety than any one city's set of FM outlets. And it comes with a subscription charge of \$9.99 a month per

receiver. You could say XM wants to become the cable TV of radio. A competitor, New York-based Sirius Satellite Radio, has the same ambition, but has delayed the launch of its \$12.95-a-month service until February.

XM, however, finished its nationwide rollout a week ago. So I took to the roads with a \$300 Sony XM receiver to give the service a listen. (Pioneer and Alpine also sell XM car-audio systems, and Cadillac offers XM on new Seattles and Devilles; the Sony unit, which can also plug into a regular stereo, is the only home-listening option so far.) Trying out the company's channels—two-thirds music, one-third kids programming, news, sports and talk—is a bit overwhelming. Allowing for the two seconds the receiver took to change stations, scanning through all 100 would take a while.

There are 10 rock channels; seven for hip-hop, soul and R&B; five for jazz and blues; five for Latin music; and three for classical and opera. Twelve news channels offer sources such as Bloomberg News and the BBC. You'll find channels devoted to particular decades, from the '40s to the '90s, and ones that specialize in bluegrass, gospel, movie soundtracks and unsigned bands. Just as important, individual channels show a creative independence absent from most FM stations. In other words, they sound as though they are run by people who actually like music. Playlists leave room for artists who will never show up on the likes of MTV's "Total Request Live," such as John Hiatt, Suzanne Vega and D.C. rockers Fugazi and the Dismemberment Plan. Shows need not stick to one market-tested genre; on an alternative-music channel, hip-hop followed hard rock, just like it does when people shuffle through their CD racks and MP3 collections. And longer material isn't chopped up for commercial breaks—a classical channel played a six-movement Schubert symphony uninterrupted.

I wholeheartedly and unreservedly applaud this. XM's the best way to check out new music since Napster. Listening to a nationwide radio service involves some adjustment, though. XM provides no local content, so you'll need to switch back to FM or AM for traffic reports. With listeners spread over four time zones, there's also little room for drive-time programming. Deejays even have a different patter—they read out schedules TV-style, noting the different airtimes on each coast. They also often promote other channels on XM's lineup. But since the receivers (almost always) display the artist and title for the current song, the on-air personalities may not identify a song beyond the performer's name.

About two-thirds of XM channels include advertising—unlike Sirius's—but XM says it won't book more than six minutes of ads per hour. [To be continued.] Until next year,

Bruce A. Irving