

DX News

• Serving DX'ers since 1933 •

Volume 60, No. 23 - March 29, 1993 (ISSN 0737-1659)



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CPC Test Calendar

Call	Freq	Date	EST Time
WLKW	790	Mar 29, 1993	0000-0015
WCPM	1280	April 1, 1993	0100-0115
WVHI	1330	April 19, 1993	0100-0400

From the Publisher... This issue marks the end of the weeklies for Volume 60; your next DXN will show up in your mailbox in about 20 days (so don't call me when you don't get one next week, hi).

Russ Scotchka phoned to inform me of the sad news of the death of Chris Vito after a lengthy illness. Chris was 29. Our sincerest condolences go out to his family.

Another phone call from Florida, this time a little more cheerful, from Ernie Wesolowski, Steve Francis, and Mike Lantz, who are taking in a warmer climate than most of us. Ernie says that WKIZ-1500 Key West is temporarily broadcasting with one tower at 100 watts non-directional after the other tower was toppled into the water March 12 by the "storm of the century", making this hard-to-hear directional station a little easier to DX.

Again on the phone, Ken Chatterton called from snowbound upstate New York to make a request for Fred Vobbe. He's looking for an aircheck from a deejay named Jeff Christy, who was employed at KLIT-610, Houston, and KQV-1410 (and WIXZ-FM) Pittsburgh sometime between 1966-1969, and possibly other locations. If you have such an air check, either from these or another station, get in touch with Fred at the address on the back cover.

Wayne Heinen used Alexander Ameche ... er, Bell's invention to let us know that he is still looking for more input on the next edition of the *NRC AM Log*, which by the way is on schedule for publication next September tentatively with copies available at the Enfield, CT convention Sept. 3-6. If you'd like to help out with checking stations' statuses, such as phone numbers, addresses, etc., contact Wayne at 4131 S. Andes Way - Aurora, CO 80013-3831. We had around 60 NRC'ers helping last time ... how about double that for the Fourteenth Edition?

We're still looking for volunteer typists, also, for various projects which are moving slowly with the limited number of NRC'ers who have volunteered so far. If you have some type of computer, preferably

MS-DOS, Macintosh, or Commodore 64, contact Wayne at the address above for more details.

The final call was from icy Iowa and Rick Dau, who says that Jim Conrad's annual GTG for DX'ers will be in LaCrosse, WI May 21-23 at the Holiday Inn. You can get more information by phoning Jim at (319) 232-7307; the reservation line to the hotel is (608) 784-9500.

Welcome to these new members... Gil Erhart, Mars, PA; Robert Green, Framingham, MA; and Stan Weisbeck, Spokane, WA; and Neil Kazaross, after relocating to Chicago from many other points in the U.S., has rejoined.

That's it from here - don't forget, no DXN next week.

Remaining DXN Schedule, Volume 60

#	Deadline/Pub. Date	27.	June 18	June 28	
24.	April 9	April 19	28.	July 16	July 26
25.	April 23	May 3	29.	Aug. 13	Aug. 23
26.	May 21	May 31	30.	Sept. 10	Sept. 20

DX Time Machine

From the pages of DX News:

50 years ago ... from the Mar. 27, 1943 DXN: Hilding Gustafson reported on the foreign stations he has verified from Rockford, IL. They included one African, 12 Europeans, 51 TP's, and 18 SA's, most of them heard on a Crosley 8-tube Showbox radio. He now uses an 11-tube Grunow.

25 years ago ... from the March 23, 1968 DXN: Radio Swan was slated to leave the air May 15 ... Richard L. Coday, Oildale, CA reported the following veries received: KRSP-1060 Salt Lake city; KWIL-790 Albany, OR; KHVH-1040 Honolulu; KBTR-710 Denver; KBYE-890 Oklahoma City; WSPD-1370 Toledo, and CBL-740 Toronto, plus CA veries KOAG-1280, KSFO-560, KGUD-990, KOXR-910, KTYM-1460, and KZON-1600.

10 years ago ... from the April 4, 1983 DXN: An April Fool's issue report that the International Radio Club of America had folded irked many IRCans ... Tom Farmerie reported that the NRC 50th Anniversary Book project was on schedule so that convention-goers should be able to pick up a book there ... Richard Wood, Abha, Saudi Arabia heard his first TA's, from Brazil.

AM Switch

Jerry Starr
c/o WHOT Radio
4040 Simon Road
Youngstown, OH 44512-1320

Status changes in AM stations, supplied by the FCC and listeners

CALL LETTER CHANGES

Old call:

1180 WMLX KY Florence
1400 WXBX NY Buffalo

New call:

WBND*
WWWF

*WMLX first requested WLLO but had that set aside

APPLICATIONS/GRANTS FOR NEW STATIONS

None

APPLICATIONS FROM EXISTING FACILITIES

540 WWCS PA Canonsburg: reduce day power to 5000 watts
(to facilitate change in antenna pattern)
870 KIEV CA Glendale: powers to 20000/3000 watts
1210 KUBR TX San Juan: night power to 5000 watts
1310 WBFD PA Bedford: reduce power to 2500 watts
1380 WYSH TN Clinton: night power to 250 watts

GRANTS TO EXISTING FACILITIES

1180 WHJM TN Knoxville: add night power of 1 (one) watt
antenna to U1

OTHERNESS

580 KZMX SD Hot Springs: station became SILENT in February,
telephone seems to be disconnected
870 WGTL NC Salisbury: station is SILENT, property where
station was located has been sold, no word in the
local media as to if or when they might return
910 WGBI PA Scranton: station now carries programming from
WILK-980 Wilkes Barre, PA.
1120 WBNM GA Gordon: station is SILENT
1160 WCXI MI Fenton: silent station has new owners and is
expected to return to the air
1170 WARW NY Cornwall-on-Hudson: silent station is ON THE AIR
and is now rebroadcasting WRWD 107.3 Highland, NY
1360 WLCM SC Lancaster: reporter Jeff Multer in Charlotte
confirms that this station is gone for good, all
equipment and land was sold at auction last year.
Jeff notes that the phone number still works.....
if you want to make reservations at the Lancaster
Best Western, that is. This mystery seems solved.
1450 KMHT TX Marshall: station is SILENT pending sale
1480 KYNN NE Lincoln: we think we have this unraveled, it
seems KFMQ changed calls to KYNN. This call
change was reported in the Omaha Herald but we
have yet to see it from the FCC. Shortly after
the call was changed the station went SILENT and
appears to remain so today. In issue 20 we had
reported the station was back on the air. The
confusion came about when we received the report
of the station operating with new calls AFTER we
got the report that it was silent, thus assuming
it was back on. Seems now the post office sent
the call change report on one of those famous

two-week tours of the country and, although it was mailed before the report of KYNN going silent, it arrived here several weeks later.

- 1490 WJRB FL Bradenton: station is SILENT, a WJRB staff member reports they are building new studios and should return to the air in mid-April
- 1530 WJDM NJ Elizabeth: station has been SILENT since a mid-February fire at their transmitter site, they do plan to return to the air and may have done so by the time this reaches you.
- 1540 WADM IN Decatur: station is SILENT, they had been rebroadcasting WQTZ-FM which is now simulcast with WQHK-1380 Fort Wayne, no word on the fate of WADM.

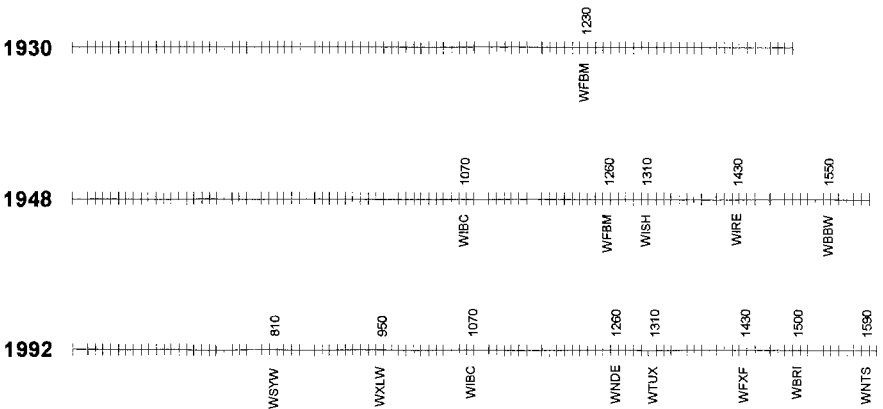
THANKS: Gary Houdek, Carl Dabelstein, John D. Bowker, Jeff Multer, Mike Hawk, Ed Krejny, Wes Boyd, Dean F. Anork and MSJ.

73 and Good DX, *Jerry & BKF* Jerry Starr & Buffalo K. Fooman

Now and Then John D. Bowker

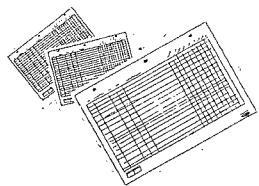
Dial changes in AM markets, from 1930 to 1948 to 1992

INDIANAPOLIS, IN



Logsheets - By Frequency

110 sheets, 25 entries possible per sheet with space available to add your own columns. Punched for three-ring binders, full-size 8.5 x 11 inches, on heavy paper.
 US\$5.00 (25 sheets for US\$1.25) . From NRC Publications (NY residents, add sales tax).



Domestic DX Digest

North: Bill Hale

495 Creekview Drive - Meridian, ID 83642-3241

South: Duncan Shaw

2618 Ellendale Place, #3 - Los Angeles, CA 90007

East: Dave Braun

11 Mill Bend Acres - Wyoming, DE 19934-9523



DX Catches in the U. S. and Canada, with 24-hr. ELT

DDXD North



MEDIUM WAVE RAMBLINGS

- A BIG DDXD-N Welcome goes out to **Michael Scott Paul** of Minneapolis, Minnesota. Keep those great reports coming in, Michael. Glad to have you aboard!!
- Have been outta town all week, and am catching all these reports at once on Saturday Morning. Whew!
- This is the last weekly issue for the Volume Year. I hear some applause and some relief. So, once again, here are the deadlines for DDXD-N:

Issue 25	Apr 17	Issue 28	Jul 10
Issue 26	May 15	Issue 29	Aug 7
Issue 27	Jun 12	Issue 30	Sep 4

All Saturdays.

- Reports are welcome via mail, phone (208-888-7398 before 2100 Mountain Time), Prodigy (MTFH12A) or the Broadcast Message area on Fido-Net.
- Who said you don't get anything for free anymore? For those of you who would like them, I will send eight FREE newly-designed but kinda-copied (based on those used by **Shawn Axelrod**) DDXD Reporting sheets for (here's the catch) a legal-sized SASE (2 ounce rate) with your next report. It's my way of saying thanks to my reporters, and at the same time attempting to standardize the way loggings are reported. Give 'em a try. If you don't like them, don't use them.
- **Morris Sorensen** points out that I made some big mistakes in Issue 16. I incorrectly gave him credit for several loggings which weren't his (Special 880 especially, listing CKLW on this channel). I have since thrown out those letters, so can't correct the mis-credits, and the reporter listed this as printed. I remember typing that and thought it was odd, but went ahead with it. So, if the mystery DXer will step up, we'll straighten things out. Sorry about the boo-boo. I had just changed some macro keys (shortcuts) around, and *MS-ON* was one of them. So I'll blame it on that . . . and be more careful.
- **DX TIP!!** Don't forget. This next Sunday we set the ☺ ahead for Daylight Time. And sometimes we can catch some of the sleepy-eyed part-timers or automation timers flat-footed in respect to power/pattern switches. So be aware early Sunday morning and later at LSS.

SPECIAL

- 580 KZMX SD Hot Springs - Noted back on air 3/9 with a country format. (BM-SD)
 CKWW ON Windsor - 3/1 1400-1600 -With NOS/BBB on *The Jim Davis and Don Alcorn* shows from the old CKLW. Now uses the slogan *Memories 580*. Windsor Spitfires OHL hockey games did not go with the news/talk format to 800. (TS-MI)
- 800 CKLW ON Windsor - Format change effective 3/1 at midnight, following *Real Radio*, the last NOS show. CHR/AC music with promos for the new talk shows from midnight to 0500, followed by the *Ed and Kelly Morning Show*. (TS-MI)

- 1060 UNID ?? - 3/8 1920-1950 - Picked up the same unID **Mike Hawk** reported in V60 I19 with UC/AC format announcing as *The New 92* (MH reported hearing as 93.) Virtually no help as to location, not even a real ID at 1830. Because I was having so much luck with the South and Southwest last night, I suspect it was having so much luck with the South and Southwest last night, I suspect it was KHJM Gilmer, TX, which is strong enough and which MSJ reported as sold with new format. A call to their number from the NRC Log got a disconnect notice. Can anyone from the Longview/Marshall area help out? (MSP-MN) [See last issue for a suggestion on MH's logging from **Eric Bueneman** - Ed.]
- 1230 UNID ?? - 2/22 1955-2005 - Poor to fair with **Detroit Redwings** vs **Philadelphia Flyers** hockey with ad for **Metro Detroit Ford Dealers** at 2002. (MS-ON)
- 1380 UNID ?? - 3/7 0302 - Heard with UC music, slogan *The Touch* and CLs **WRBK**. Log has a **WRBQ**, did they change calls? (AM-IL) [*The Touch* is SMN's UC feed, so you might have heard WRBQ, which may have sounded like **WRBK** in the clutter - Ed.]
- 1430 UNID ?? - 3/8 0259 - Heard with the slogan *Great Sports* and CLs **KGRL**. (AM-IL) [Maybe **KQLL** or **CJRL**? Most likely the former - Ed.]

DX AND EQUIPMENT TESTS

- 640 WWJZ NJ Mount Holly - 3/1 Midnight - Lots of CKRC splatter, and bits of CHOG and unID SS station. Nothing else. (SA-MB)
- 740 WVCH PA Chester - 3/8 0230-0330 - CIDs ⇒ TT that warbled like a police siren. Never heard that before. Then VID for WVCH-AM and WVEE(?) - FM with a music bed ⇒ REL music and another VID. Each cycle took about 8 minutes, then repeated. A lot of deep fades, otherwise fair ⇒ good over lightning QRN. (JL-OH)
- WVCH PA Chester - 3/8 0200 - NOTHING but KCBS/KTRH. (SA-MB)
- 830 WKTX OH Cortland - 3/1 0100 - Good with CIDs at 0100, 0102, 0105, 0107, 0109. TT at 0104 & 0110. VID *This is an equipment test transmission from radio station WKTX Cortland, Ohio 830 kiloHertz* ⇒ march music. (SA-MB)
- 960 KGWA OK Enid - 3/1 0200 - Nothing but CFAC/WTCH. (SA-MB)
- 1090 KTNS CA Oakhurst - 3/9 0300-0400 - Didn't think I'd hear this one, and sure enough I didn't. (JL-OH)
- 1530 KPCR OH Bowling Green - 3/8 0222 - Fair with CIDs, VIDs under WCKY. Not as good as last year. (SA-MB)

MIDNIGHT TO 0800 HOURS ELT

- 800 CKLW ON Windsor - 3/6 0035 - With ad for **Nutri-System** giving Canadian phone number and slogan *The Power of Talk Belongs to You, only on the New 800 CKLW*. Phone numbers given: 519-792-CKLW for Windsor; 313-298-6487 for Detroit. Plus one for **Bell Cellular** (Canadian) customers. Talking about sex offenders. Fair with **XEROK** QRM. (TR-IL)
- 1330 KFHF KS Wichita - 3/4 0451 - Poor to fair with oldies. (AM-IL)
- WFBC NC Greenville - 3/4 0610 - Poor to fair with news and dual ID **WFBC** and **WORD**. (AM-IL)
- 1430 KTYN ND Minot - 3/6 0754 - Good with *Thank you for listening to the All New Kitten, featuring the greatest hits of all-time* ⇒ oldies. Not REL anymore. (SA-MB)
- 1520 KOMA OK Oklahoma City - 3/5 0159 - Poor to fair with oldies. (AM-IL)
- 1540 KXEL IA Waterloo - 3/5 0300 - Fair to good signal with legal ID and IRN. (AM-IL)
- 1590 WAKR OH Akron - 3/5 0230 - Poor to fair with **Jim Bohannon** on MBS. (AM-IL)

0800 TO 1600 HOURS ELT

- 590 KEZK IL Wood River - 3/2 1245 - Good with oldies. New. (TR-IL1)
 620 KSTR CO Grand Junction - 3/8 0835-0841 - In strong with news, weather, comments on the news and agri report. . . on News Talk Radio AM 620 KSTR. Report sent. (BM-SD)
 790 WRMS IL Beardstown - 3/2 1243 - Fair with oldies. New. (TR-IL1)
 900 WFRO OH Fremont - 3/2 0815-0845 - Good with local WFDF off. AC music and *Swap Shop* at 0830. A regular south of town, but usually lost in WFDF splash north of Oxford and Brighton. (TS-MI)
 920 WOKY WI Milwaukee - 3/1 0845-0930 - Weak, but there with BBD music. Local WFDF off for most of morning. Usually heard west of Owosso in the daytime, but buried by WFDF to the east. (TS-MI)
 1260 WIBV IL Belleville - 3/2 1230 - Fair with *WIBV News* with items on mayoral primary that day, weather forecast mentioning fog ⇒ *Rush Limbaugh*. (TR-IL1)
 1400 WDWS IL Champaign - 3/2 1240 - Fair with something about a sticker system for garbage. (TR-IL1)
 1480 KSDR SD Watertown - 3/6 0805 - Good with *On Watertown's oldies station, KSDR*. Not AC anymore. (SA-MB)



1600 TO 2400 HOURS ELT

- 550 KUSA MO St. Louis - 3/2 1823 - With ad for *Southwestern Bell Mobile Systems*. (TR-'tween McLean & Bloomington, IL)
 630 KTKK UT Salt Lake City - 3/4 2019-2025 - With talk show. Fair, but fading. 1st-timer. Report sent. (BM-SD)
 790 WLSV NY Wellsville - 2/13 1753 - Fair ⇒ good with C&W music, ID at 1754 as *AM 790 WLSV Wellsville* and at 1759 as *WLSV, the home of (?) in Wellsville*. (MS-ON)
 870 WWL LA New Orleans - 3/2 2123 - Good with talk about possible role of mafia in JFK assassination. (TR-Joliet, IL)
 970 WMAY IL Springfield - 3/2 1927 - Fair with oldies. (TR-near Atlanta, IL)
 980 KOKA LA Shreveport - 3/6 2115-2125 - Heard their slogan *All Gospel 98*, gospel music, an ad for *Oyaltine*. Then a taped message from someone who said they worked for WNDC Radio 91 in Baton Rouge, but when they were in the Shreveport area they always listened to KOKA. Wonder if they were using day power, as the signal was very strong for 79 watts. 1st-timer. (JB-WI) [Another case of forgetting to hit the switch. But a logging is a logging - Ed.]
 1000 CFLP PQ Rimouski - 2/27 1757 - Poor, mixing with WLUP & CFRB splatter. Playing traditional Quebecois fiddle music and other instrumentals. FF ads, news at 1800. (MS-ON)
 1040 WHO IA Des Moines - 3/2 2220 - Good with *Michigan vs Iowa* basketball. (TR-aboard Amtrack in ??, IL)
 1060 KLMO CO Longmont - 3/8 1915-1930 - Weak with sports program (under unID), including local high school sports. Denver weather at 1924. (MSP-MN)
 WNOE LA New Orleans - 3/8 1847-1850 - Very strong with C&W including *Tom T. Hall*. This is usually blocked by Pipestone, MN during the day and Philly at night, so it's a new logging. #407 from MN in 2 years. (MSP-MN)
 WHFB MI Benton Harbor - 3/8 1840-1845 - With PSAs and sign-off at 1844. I have gotten this in Chicago, but never before from Minneapolis. (MSP-MN)
 1090 KYBG CO Aurora - 3/8 1955-2000 - Under superpain KAAY (does anyone remember *Bleeker Street?* How are the mighty fallen!) with ad for *The Mirage* sports bar in Littleton. *Not your traditional sports establishment*. (MSP-MN)
 1110 KFAB NE Omaha - 2/24 1815 - Good with weather for Nebraska & Iowa, detailed forecast for Omaha & Council Bluffs, 13° Officially in Omaha at this hour. Last heard 2/26/91! (MS-ON) [Just like the plague, huh - Ed.]

- 1170 **KVOO** **OK** **Tulsa - 2/24 1855** - Poor with *KVOO Weather* and local ad. Under *WWVA*. Last heard 2/24/91! (MS-ON) [Yeah. And the planets were all lined up or something, hi - Ed.]
- 1180 **VOA** **FL** **Marathon Key - 3/8 2013-2020** - Radio Marti with music and chat in SS. I've picked them up once before, but it's usually blocked by *WHAM*. (MSP-MN)
- 1230 **WJBC** **IL** **Bloomington - 3/2 1823** - Fair with area birthday/anniversary list. (TR-near Lincoln, IL)
- CKMP** **ON** **Midland - 2/24 1843** - Poor with sports on the Telemedia Sports Network | CJCL-1430, PSA for hockey-related charity read by Don Cherry with phone number 596-3393. (MS-ON)
- 1340 **WMBO** **NY** **Auburn - 2/22 1758** - Fair => good with song *Eyes of a New York Woman*, ID mentioning *Finger Lakes* and *1340 WMBO* => *WMBO News*. Only the 2nd time I've heard them here. (MS-ON)
- 1400 **WDNY** **NY** **Dansville - 2/24 1830** - Fair with ID as *1400 WDNY* => news. (MS-ON)
- WICK** **PA** **Scranton - 2/22 1858** - Fair with instrumental (EZL) music, ID @ 1901 as *Music for adults*, *WICK Scranton 1400* and *WYCK Wilkes-Barre 1340*. Log lists latter as silent. (MS-ON) [See AM Switch in Issue 20 - Ed.]
- 1440 **KQRS** **MN** **Golden Valley - 3/6 2125-2135** - Weak, and could hardly tell it was them, but heard them mention their FM station *FM 92* a couple of times. 1st-timer. (JB-WI)
- 1450 **WMAJ** **PA** **State College - 2/22 1855** - Fair signal with anncr saying to stay tuned for local announcements, ID by another anncr as *WMAJ - Depend on Us* => sports talk. (MS-ON)
- 1490 **WCSS** **NY** **Amsterdam - 2/22 1753** - Fair with sports, message from Amsterdam Memorial Hospital and Sterling Health Care, ad mentioning Montgomery County, *WCSS CL ID @ 1757*. (MS-ON)
- 1590 **WSMA** **MI** **Marine City - 2/13 1740** - Fair with C&W music and *26 years of country at its best . . . WSMA*. (MS-ON)



REPORTERS

- AM-IL** **Alan Millmaker Centralia, IL; R-5000 + Palomar Loop (x2)**
- TR-IL** **Thomas Reiser Chicago, IL; ICF-2003 barefoot or -IL1 Ashland, IL; ICF-2003 barefoot or -ILx onboard Amtrack 304 in city noted; ICF-2003 barefoot**
- JB-WI** **John Baumgarten Tomah, WI; Superadio III!**
- TS-MI** **Tom Sanders Davison, MI; JVC Caradio**
- MS-ON** **Morris Sorensen Scarborough, ON; Hammarlund HQ-150 + SM-2 Space Magnet**
- MSP-MN** **Michael Scott Paul Minneapolis, MN; Drake R-8 + Palomar Loop**
- SA-MB** **Shawn Axelrod Winnipeg, MB; ICOM R-70 w/PLAM board & 0.5, 2.4 & 4 kHz filter + 4' box loop or 100' lw**
- JL-OH** **Jeffrey Less Toledo, OH; Panasonic Rf-5000A**
- BM-SD** **Bill Moser Pierre, SD; Superadio II barefoot**
- Ed-ID** **Editor Meridian, ID;**

ABBREVIATIONS AND SPECIAL SYMBOLS USED IN DDXD - North

|| :parallel with or to ->:into :00:on the hour AC:Adult contemporary AP:Associated Press
 BBD:big band BRN:Business Radio Net C&W:country & western CCR:contemporary Christian
 radio CHR:contemporary hit radio CID:code ID CL:call letter EZL:easy listening BE:English
 FF:French GOS:gospel IRN:Interstate Radio Net LSR:local sunrise LSS:local sunset
 NBA:National Basketball Assn NHL:National Hockey League NFL:National Football League
 NPR:National Public Radio OC:open carrier POL: political PSRA:pre-sunrise authority
 PSSA:post-sunset authority QRM:man-made interference QRN:natural interference QTH:location
 REL:religious ROK:rock 'n' roll RS:regular schedule \$:stereo SID:singing ID SRS:sunrise skip
 SS:Spanish SSB:Star Spangled Banner SSS:sunset skip TC:time check TT:test tones UC:urban
 contemporary UPI:United Press International

73, *Bill*



DDXD-East NEWS AND VIEWS

Perry Crabill called with some information on Radio West. Their address is Radio West, 850 Anns Way Drive, Vista, California, 92083. Phone number is (619)726-3910. This information was from a catalog he received. Perry also mentioned that they said they were just coming out with a 50-inch box loop, and he had requested some information from them on that item. Thanks for the info, Perry!

Welcome to Frank Wheeler for the first time since I became editor. Good to hear from you!

I have included some miscellaneous schedule and network items noted on a recent trip to Virginia Beach. Nothing extraordinary, but hopefully they can help somebody with some of these stations.

Due to the snowstorm on 3/13 we did not get mail that day, and this is being mailed on 3/16. Five of these reports were received on 3/15. Upcoming deadlines: #24 - April 3, #25 - April 17, #26 - May 15. Thank you all for the great support of this column this season!

SPECIAL

- 940 WKGM VA Smithfield - 3/7 - Not on after 0000, was noted earlier in the evening with programs such as *National Vanguard*, presumed sign off at 0000. (DB-VA)
- 1010 WPMH VA Portsmouth - 3/7 - Not on after 0000, was noted earlier in the evening, presumed sign off at 0000. (DB-VA)
- 1050 WCMS VA Norfolk - 3/7 - Noted all night //FM as in log, 24 hours. (DB-VA)
- 1200 WKOX MA Framingham - Now simulcasting FM WCLB-105.7 "Boston's Country Club" with CW format except local news during morning drive time and when carrying Celtics basketball or Bruins hockey via flagship WEEI-590. Sorry to see this happen to a station that, for many years, was the voice of its community. (MD-MA)
- 1320 WICO MD Salisbury - 3/8 1300 - Noted with Ai news. (DB-DE)
- 1370 WALK NY East Patchogue - 3/6 1230 - Noted with IDs as "FM-97.5". (DB-VA)
- 1420 WXGM VA Gloucester - 3/6 1130 - IDs as "Extra-99.1", AC format. (DB-VA)
- 1530 WJDM NJ Elizabeth - 3/4 - Noted back on regular schedule, after having been off almost a month due to a fire at transmitter site. 3/7 noted leaving carrier on all night. Following night as well. FCC, are you listening? (BH-NJ)
- WRTP NC Chapel Hill - 3/6 1200 - Noted with USA news. (DB-VA)
- 1600 WINX MD Rockville - Will be adjusting format to "Uptempo Oldies" from the 50's and 60's per a phone call from my brother. (DB-DE)

DX TESTS

- 640 WWJZ NJ Mount Holly - 3/1 0002 - Poor in Toronto null with review of WWJZ history, had to go to bed immediately. (JR-NY)
- WWJZ NJ Mount Holly - 3/1 0000-0100 - Heard poorly/intermittently thru CHOG QRM, mainly with CIDs. Made out occasional VID. (AR-ON)
- WWJZ NJ Mount Holly - 3/1 0000 - Poor to good. Lotsa WMAL splash. Still running when I went ZZZZ around 0130. (BG-DC)
- WWJZ NJ Mount Holly - 3/1 0001-0058 - Atop channel with various musical selections, morse code and lengthy discussions on station history and technical setup. Couldn't go omni-directional as planned because of muddy grounds at transmitter site. (BH-NJ)
- 740 WVCH PA Chester - 3/8 0241 - Fair with ID "You're listening to WVCH AM Chester-Philadelphia and WDEE(?) FM Cherry Grove" followed by *What Is Prayer* and test tone alternating in pitch, in CHCM null. (BC-NH)
- WVCH PA Chester - 3/8 0231-0303 - Poor/weak, intermittent reception, mainly of CIDs. Occasional TT and vocal IDs. (AR-ON)
- WVCH PA Chester - 3/8 0230-0315 - Poor to fair with CW and tones. QRM from KTRH, KRMG and WCPT splash. Brief phone conversation with DS-DE during test. (BG-DC)
- 830 KBOA MO Kennett - 2/22 0102-0142 - Good, over WCCO at times with voice IDs, morse code, march music. (BH-NJ)
- KBOA MO Kennett - 2/22 0100-0123 - Test strong for first 10 minutes, overpowering WCCO, then began to fade at 0100, fading out at 0123, overpowered by WCCO. KBOA wasn't heard anymore. Sent report same day and received a nice verie card in 8 days. Station received No. 2654. (FW-PA)
- WKTX OH Cortland - 3/1 0100-0133 - Atop channel, remarkably strong, with voice ID, morse code, and march music. (BH-NJ)
- 1150 KWKY IA Des Moines - 3/15 0100+ - Nothing heard in partial WDEL null, other than presumed CKMO. (DB-DE)

- 1180 KKAR NE Bellevue - 3/15 0100+ - Nothing heard other than WHAM and SS. (DB-DE)
 1530 KPCR MO Bowling Green - 3/8 - Only code IDs heard under WCKY at 0108 and 0112, phased wires couldn't null WCKY without also killing KPCR. (BC-NH)
 KPCR MO Bowling Green - 3/8 0100 - Impossible, with local WJDM's open carrier all night. (BH-NJ)

UNID AND UNID HELP

- 560 WEAZ PA Philadelphia - Was indeed Reh's station here in DDXD-North #19. Format/pattern change time match and *Action News* is on Channel 6 here, and advertises on WEAZ a lot. (RE-PA)
 1020 UNID JK-VA's in DXN #20 is not likely a far western station at 0900+, the most likely is probably WRIX-1020. (RE-PA)
 1030 UNID JK-VA's in DXN #20 is probably WJKZ-TN rather than KTWO. Format and network match and is 24 hours. (RE-PA)
 1320 WTSS PA Scranton - Almost certainly EU-NY's UNID here in DXN #19. "Park Summit" was likely "Clark's Summit" and WBRE is a former call in Wilkes-Barre AM which may be back again...(RE-PA)



0000 to 0800 ELT

- 540 WGTO FL Cypress Gardens - 3/8 0230 - Fair with *Roadwatch* traffic report and sports talk, over/under CBEF. (BC-NH)
 630 CFCY PI Charlotetown - 3/8 0012 "Playing the best music in the history of Maritime Radio" CHR/OLD, good in WPRO null. (BC-NH)
 740 WNNZ FL Orlando - 3/10 0317 - Excellent!!! No sign of KRMG/KTRH. Did 50 kw CP go on? (BG-DC)
 790 CIGM ON Sudbury - 3/8 0215 - "Country Coast to Coast" IDs, CW music. (ES-NJ)
 820 WQSI MD Frederick - 3/8 0530 - "82-Q" jingles, CW music, "Frederick's great country station, 82-Q". (ES-NJ)
 1230 WNOR VA Norfolk - 3/11 0140-0230 - Poor, mixing with tentative WCMC and many others. Called station and confirmed them by tunes played. Call letter ID made it through shortly after. (BG-DC) (From my days in Falls Church, this will probably get to be a pest for you - db)
 1320 WJAS PA Pittsburgh - 3/8 0415 - "1320 WJAS, your station for great memories", NOS format. (ES-NJ)
 1430 CJCL ON Toronto - 3/8 0430 - "Sports Radio 1430, The Fan", sports talk. (ES-NJ)
 1460 WMBA PA Ambridge - 3/15 0030 - Popped up with promo for Saturday morning sports call in show, ID. Faded soon after. Over WIMX and UNID TT. (DB-DE)
 1520 WVOI OH Toledo - 2/7 0232 - UC with ID and local ad while WWKB off. KOMA AM and FM 92.5 also noted. (JR-NY)
 1550 WTYR TN Soddy-Daisy - 3/8 0330 - "WTYR, All Oldies 1550" IDs, oldies. I always wanted to hear a station from Soddy-Daisy, next is Young Harris, GA. (ES-NJ)
 1560 WQKY KY Hazard - 2/20 0615-0626 - My catch of the season!! Noted in WQEW null while idly scanning the band, with detailed sign on. Thought they said WQXR! Jumped into middle of Rolling Stones live *Gimme Shelter*; obviously a satellite feed, then obscure Chambers Brothers record. Local ad for insurance agency "downtown, on Main Street". Sent very tentative reception report; they confirmed with friendly letter! (BH-NJ)
 1590 WARV RI Warwick - 3/8 0600 - USA Radio news, religious programming in the muck. (ES-NJ)
 WKTP TN Jonesboro - 3/15 0017 - Good with NOS and local ads. First time IDed since call change way back. No sign of WAKR and not the usual amount of WKEN splash. (DB-DE)

1600 TO 2400 ELT

- 620 WSKQ NJ Newark - 3/1 1700 - "SBS Cadena Nacional", "Super K-Q" in SS natch! (ES-NJ)
 670 WIEZ PA Lewistown - 3/3 1755 - "Oldies 670 WIEZ", ABC news at 1800. (ES-NJ)
 690 WJOX AL Birmingham - 2/26 1805-20 - With NASCAR mini-program, ID, time check then into Sports tele-talk. Over CBF and tele-talker. (RE-PA)
 WNNT VA Warsaw - 2/26 1740-43 - Over/under WZAP, CBF and UNID tele-talk (likely WPDQ) with CW, weather, ID, time check. (RE-PA)
 730 WCPT VA Alexandria - 3/3 1815 - "CNN Radio 730", changed power 1818. (ES-NJ)

- 760 WVNET MA Leicester - 3/1 & 3/3 1800 - Likely the one atop WJR with REL to sign off announcement, but sign off buried by WJR both times. Sounded more like this call than WCHP, and geography, pattern favor this. Unneeded anyway. (RE-PA) (Probably, when I hear them it's usually after LSR here, and have never heard WCHP - db)
- 780 CFDR NS Dartmouth - 2/28 1758-1801 - Strong and alone on channel with CHR. (MD-MA)
- 810 WQIZ SC St. George - 3/4 1720-31 - Clobbering WGY with GOS, promos, sign off. (RE-PA)
- 870 WQRX AL Valley Head - 3/5 1830 - "870 WQRX", calls on request line, fair. (ES-NJ)
- 920 WHJJ RI Providence - 3/10 2000-2100 - Poor. Celtics-76ers pregame/game. IDs sounded like "WHJK". (BG-DC)
- 1040 WMTX FL Pinellas Park - 3/4 2051 - All alone with local ads, "WMTX-FM Clearwater and WMTX-AM Pinellas Park", "Mix-96" slogans. (JR-NY)
- 1060 WNOE LA New Orleans - 2/7 2305 - Unusually strong with "Saturday Night Country on Mutual". (JR-NY)
- WNOE LA New Orleans - 1700 - In almost everyday around this time on SSS. Usually pretty good. One of these days I'll be at home and catch it for a report instead of in the car. (BG-DC)
- 1160 WSKW ME Skowhegan - 2/13 1659 - Heard just before pattern shift with ID after NOS music and woman DJ, in WPIE null. First new one from Maine in a long time. (JR-NY)
- 1200 WSMC NC Graham - 3/4 1825 - "Piedmont Evening News", ABC world news, in and out with WAGE-VA and WCHB-MI. (ES-NJ)
- 1240 WUOK MA West Yarmouth - 3/2 1645 - "1240 CNN, Cape Cod's only 24 hour news station." (ES-NJ)
- 1260 WBUD NJ Trenton - 2/20 1714 - With ads and "Right here on your buddy, WBUD". (JR-NY)
- WBNR NY Beacon - 2/20 1716 - Hudson Valley weather, OLD, "The most music, WBNR". (JR-NY)
- 1320 WARA MA Attleboro - 3/2 1800 - "This is 1320, WARA Attleboro-Pawtucket." (ES-NJ)
- WLEE VA Richmond - 3/4 1755 - "Newstalk Radio 13, WLEE." (ES-NJ)
- 1340 WBRKt MA Pittsfield - 2/9 1750 - Tentative with ad for Virgilio Construction, western Mass. mentions. (JR-NY)
- 1360 WBOB VA Galax - 2/5 1607 - Tuned into late sign off announcement mentioning 5000 watts, calls, SSB sung by woman. (JR-NY)
- 1370 WELV NY Ellenville - 2/11 1605 - Strong under WXXI with "K-Lite 99.3" calls (I was 20 miles west of Rochester in the car), also brief moments of WKMZ. (JR-NY)
- 1380 WFNW CT Naugatuck - 2/12 1720 - Portuguese talk, call ID, pattern shift at 1732. (JR-NY)
- WNRI RI Woonsocket - 2/12 1738 - Call-in show, local restaurant ad. Are they late with their pattern shift? (JR-NY)
- WSYB VT Rutland - 2/12 1705 - Good in WXXI-1370 null with NBC news, local weather and ID. Vermont #4 in 17 years! (JR-NY)
- 1400 WTSLt NH Hanover - 2/18 1920 - In brief with ad for White River Junction, VT. (JR-NY)
- CJFPt PQ Riviere du Loup - 2/10 2127 - Very strange with what sounded like traditional Jewish string music and French announcements. Only caught first two letters in call ID. (JR-NY)
- 1460 WIMX PA Harrisburg - 3/1 1725 - Into *Barry Farber Show*. (ES-NJ)
- 1490 WOLF NY Syracuse - 2/20 1641-1657 - Mostly atop the crowd with UC music, DJ with "AM 14-90 WOLF" IDs, local ads, including concert with Ice Cube and the Lynch Mob. (BH-NJ)
- 1510 WPUT NY Brewster - 2/27 1725 - "Putnam Country - 1310 WPUT", CW music, "Nonstop country hits". (ES-NJ)
- WPUT NY Brewster - 2/27 1725 - In with country music, "Putnam Country PUT". (JR-NY) (I had to check twice myself, but yes, both of these were the exact same time! - db)
- 1520 WGAM MA Greenfield - 3/1 1745 - "Greenfield's Great 1520", "WGAM 1520, Greenfield, Adult AM Radio", ABC news at 1800. (ES-NJ)
- 1550 WARD PA Pittston - 2/27 1700 - WARD polka weekend with, guess what, polka music. (ES-NJ)
- 1580 WSRF FL Fort Lauderdale - 3/4 1935 - Jamaican DJ and reggae, call ID. (JR-NY)
- WOXR MS Oxford - 3/4 1905-1941 - CBJ in late tonight, WOXR noted with NOS format, "WOXR spells good music". (JR-NY)

WDAB SC Travelers Rest - 3/4 1828 - Sign off announcement after Gospel music, ex-WBBR. (JR-NY)

TIS AND OTHER STUFF

- 530 KNJR840 VA Hampton Roads - 3/7 1300 - Noted on the south side of the Hampton Roads Bridge-Tunnel, with traffic information for I-64 westbound approaching the tunnel. ID as KNJR840, Providence; KNJR841, Route 44; WNAN682, Wards Corner. (DB-VA)
- 530 KNJR837 VA Hampton Roads - 3/7 1315 - Noted on the north side of the Hampton Roads Bridge-Tunnel, with traffic information for I-64 eastbound approaching the tunnel. ID as KNJR837, Denby; KNJR839, Mercury. (DB-VA)
- 1610 KIE634 VA Chincoteague - 3/6 1030 - Noted with information on the Chincoteague national Wildlife Refuge, operated by U.S. Fish and Wildlife. (DB-VA)

REPORTERS

- BC-NH Bruce Conti, Nashua, NH: R70, DX400, MWDX-5, (2) 60-ft. wires
- MD-MA Marc DeLorenzo, Framingham, MA: Hyundai Car Radio
- RE-PA Russ Edmunds, Blue Bell, PA: Nissan Auto radio & whip
- BG-DC Bob Gilfert, Washington, DC: DX-440, Hyundai Car Radio(for WNOE)
- BH-NJ Bob Harrison, Union, NJ: GE Superadio
- JR-NY Jim Renfrew, Rochester, NY: Sony ICF-2010, Radio West Loop (Jim mentioned that the Sony does a great job on local adjacents)
- AR-ON Andy Rugg, Cornwall, ON: HQ-180A, Radio West Loop, Superadio II
- ES-NJ Elliot Straus, Toms River, NJ: R-390A, Quantum Loop, LW's, MFJ-959B
- FW-PA Frank Wheeler, Eric, PA:
- DB-DE Dave Braun, Wyoming, DE: R-2000, Palomar Loop
- DB-VA Dave Braun, on the road to and from Virginia Beach:

HISTORY

Radio craze turns into TV

Boise's school board decided in August 1928 to close down Boise High School's radio station, KFAU, because the \$3,800 annual budget for the coming school year was too expensive. A number of proposals were advanced for saving the station.

The first was to solicit support from local businesses to keep the station on the air. The results of a four-month effort were "disappointing," according to The Statesman, but there was still hope that the Idaho Legislature in its upcoming session would authorize the State Department of Education to take over. The national "radio craze" of the 1920s gave radio education at Boise High a high priority, according to supporters.

The school board decided to discontinue broadcasting as part of the curriculum, but to budget \$600 for continued training in radio for students. In order to keep the station's license and wave length, until the Legislature could act in the winter, some broadcasts would continue.

The Boise Chamber of Commerce then proposed the sale of the station to a commercial broadcaster. W.T. Lockwood, chamber manager, said "Chain broadcasting is bound to come to Idaho, and Boise is the logical center for a broadcasting station."

When earlier suggestions to take KFAU out of the high school had been aired there were a number of inquiries from "coast radio magnates" willing



Arthur Hart

to buy it. After negotiations with several of these, the Boise school board signed a contract on Sept. 11, 1928, with C.G. Phillips and Frank I. Hill of Eugene, Ore., to take over KFAU and move its equipment from the high school to the Elks lodge building at 9th and Jefferson. "The broadcasting room is on the roof," explained The Statesman, and "the studio is in the fourth floor room facing both Jefferson and 9th Streets."

The call letters KFAU were changed to KIDO. By 1932, the station was broadcasting from 6:45 a.m. to 10:15 p.m. On July 12, 1953, KIDO also began television broadcasting. When the radio operation was sold to Bill Boeing in 1959, KIDO TV became KTVB Channel 7, thus extending the chain of continuous broadcasting history from Boise High School in 1922 to the present.

Arthur Hart is director emeritus of the Idaho Historical Society. His column appears Mondays. Write to him in care of The Statesman, P.O. Box 40, Boise, ID 83707.

AM Station Map Book, 2nd ed.

\$8.00, postpaid.

Edited by DDXD editor Bill Hale, this book is a companion to the AM Radio Log. Now easier to read than ever, the 170-page book is three-hole punched for a ring binder. Data is accurate as of 2-1-93, and updates of individual pages will be available at a nominal cost when a sufficient number of changes have occurred. Order from NRC Publications - Box 164 - Mannsville, NY 13661. NY orders, please add sales tax.



Idaho Statesman
-via Bill Hale

THE HAT

All Hill Radio
FM 103.9/Wenatchee
FM 95.7/Columbia Basin



AM 1340/Wenatchee

International DX Digest

Foreign DX Catches. Times are UTC; for ELT, subtract 5 hrs.

Well, it's Tuesday morning, a day past my usual day to send the column to Topeka, and I just got back from the Dominican Republic late last night, but I have some reports on hand and will send it via priority mail today. (Arrived Friday! -pls) The results of my Caribbean listening will have to wait a week.

PAN-AMERICAN DX

- 670 CUBA R. Rebelde, Arroyo Arenas, 3/8 0525 - Interviewing a local musician and playing orchestral/jazz music, strong over WMAQ, parallel 3365 kHz. [BC-NH]
- 700 JAMAICA JBC R. 1, Montego Bay, 3/8 0550 - Good with usual Sunday night soul/Caribbean stylr gospel music, in WLW null. [BC-NH]
- 710 CUBA R. Rebelde, 3/8 0554 - Excellent over WOR, parallel 670 and 3365. [BC-NH]
- 730 MEXICO XEX Mexico City DF, 3/11 0405 - Fair with WGN splash, ranchera music, Spanish talk, in briefly. [TJR-IL]
- 800 MEXICO XEROK Ciudad Juárez, 3/11 0445 - Good with CKLW absent, reference to El Paso TX, education promo, ad for painting firm, reference to Chihuahua, Mexican ranchera music, ID giving phone number, reference to U. S. and Mexico, "Spanglish" call, "su música favorita". [TJR-IL]
- 810 MEXICO XERB Cozumel, 2/14 2002-2030 - Classical music and play (?), ID at 2030 as "... Caribe...", good, clobbered WGY. [DT-JAM]
- 940 MEXICO XEQ Mexico DF, 3/9 0605 - Good, CBM absent at 0600, fair by 0605 with WJPC QRM and Mexican love music (música romántica - Jim), ID mentioning address and phone number, gone by 0613. [TJR-IL]
- 1050 MEXICO XEG Monterrey NL, 3/9 0607 - Fair with "La Rancherita de Monterrey" ID, ranchera music. [TJR-IL]
- 1080 HAITI 4VRD Port-au-Prince, 2/17 1458-1507 - Music, announcements in French, ID as "Radio Nationale Stereo and Radio Nationale FM", series of announcements and short numbers by a woman singer, man speaking French, good, no interference. [DT-JAM]
- 1170 HAITI 4VRS Port-au-Prince, 2/19 1134-1230 - Roman Catholic church service in French with choirs, drums, accordions, ID at 1230 as "Radio Soliel", fair, no interference. [DT-JAM]
- 1210 HONDURAS HRHH Camaguey, 2/17 2200-2218 - ID as "Radio Capital", "Love Me Tender" with no vocal, LA music, fair, over/under WCMD. [DT-JAM]
- 1320 CUBA UNID 2/24 2032-2051 & 2/25 0330-0343 - Classical, Oldies, Jazz, all with no vocals, woman announcer saying something like "Radio Habana", new?, not listed in 1992 WRTH. [DT-JAM] (Don, I heard WLQY in Hollywood FL with a program in Creole at various times while in the Dominican Republic, maybe this is what you were hearing - Jim)
- 1400 COLOMBIA, HJAS Barranquilla, 2/3 0625-0635 - Talk with many ads and mention of Colombia, fair, no interference. [DT-JAM]
- 1500 UNID 3/8 0630-0710 - Poor but with strong fade-ins over WTOP, merengue and salsa music with only brief interruptions for announcements or commercials, has been heard the past few nights, I'm guessing that it's Venezuela as conditions for Caribbean reception have been steadily improving. [BC-NH] (R. Dos Mil was indeed the steady regular while I was down in the Dominican Republic last week - Jim)
- 1550 MEXICO Monterrey NL, 3/11 0509 - Good, ID "con la música bonita esta es la ranchera de Monterrey", ranchera music. [TJR-IL]

Jim



QSL INFORMATION

BAHAMAS: ZLS 526, Mike Hardester also submitted the same address as presented in last week's IDXD, which resulted in a full data QSL from the regional FAA Director. Thanks, Mike!

BRITISH VIRGIN ISLANDS: ZBVI 780, prepared full/data card in 4 months signed by Sandra Potter, with raised-letter seal. Address is ZBVI, Virgin Islands Broadcasting, Ltd., Box 78, Road Town, Tortola, British Virgin Islands. Station profile also enclosed, a selection from which follows: "ZBVI is the only AM radio station operating in the British Virgin Islands. Serving the Eastern Caribbean since 1965, ZBVI operates on a frequency of 780 kiloHertz with 10,000 watts of power. Our antenna height of 300 feet with a sheathed copper ground system anchored in salt water makes for a most efficient RF transmission medium. This combination of high output power, low dial position and efficient antenna system allows for coverage of the entire Easter Caribbean area. ZBVI's format is a mix of Adult Contemporary and Caribbean music. We present local, regional and international news once each hour and a comprehensive weather report including the marine forecasts each hour. Sports is presented three times daily and community service programs are presented throughout the week. The majority of the islands in the Eastern Caribbean - the Windward and Leeward Islands - are mountainous with beautiful bays and harbors. It is these beautiful and protected harbors where most of

the towns and communities have settled, making it difficult if not impossible for line of sight signals (e.g. TV and FM) to reach these areas. AM radio with its ground and sky wave signals have no difficulty reaching these hidden listeners. ZBVI can reach and deliver an advertiser's message to those communities unreachable by other electronic media in the Eastern Caribbean. This is why ZBVI is THE AM ADVANTAGE. One millivolt signal strength as far as Barbados, Grenada and the Dominican Republic is certified by the Broadcast Engineering Firm of Gautney and Jones." Yes, they could be heard during the day from Puerto Plata, Dominican Republic, but it required the use of my amplified loop! [JR-NY]

MEXICO: XEX 730 with letter and card in Spanish, signed by Miguel Angel Barrientes Valdez, Director Técnico Plantas Transmisoras, Grupo Radiopolis, Calzada de Tlalpan #3000, Mexico DF, phone 679-59-44. [DT-JAM]

CONTRIBUTORS

[TJR-IL] Thomas J. Reiser, Chicago IL, ICF-2003 with built-in antenna.

[DT-JAM] Don Trelford, St. Ann's Bay, Jamaica.

[BC-NH] Bruce Conti, Nashua NH, R70, DX400, MWDX-5, 2 x 60' wires.

[MH-NC] Mike Hardester, Jacksonville NC.

[JR-NY] Jim Renfrew, Rochester NY; Sony ICF-2010, Radio West Loop.

Results from the WVCH DX test on 3-8 ... by Dave Schmidt

The test was on the air, starting approx. 1:45AM until 3:30AM, after doing work on the transmitter.

PHONE CALLS RECEIVED:

Bill Gillford, Washington, DC (weak signal)
John Malicky, Pittsburgh, PA (weak to good signal)
Don Voorhes, Oswego, NY (Good, even on 5 watts!)
Paul Mount, Monmouth, NJ (weak signal)

RECEPTION REPORTS RECEIVED (through 3/11):

Bruce Conti, Nashua, NH
Robert Tiara, Hendersonville, NC (5 watts also heard)
Ray Arruda, Acushnet, MA (5 watts also heard)
Jerry Coatsworth, Merlin, ON
Richard D. Palmer, Decatur, IL (500 watts also heard)
Donald Voorhies, Oswego, NY (5 watts also heard)
Harry L. Mayo, Allamuchy, NJ

At 4 points during the test, power was reduced to the post-sunset power of 5 watts and at 500 watts during a short period of time. No reports have been received on WEEE-89.5 Cherry Hill, NJ, on which the test was simulcast (off at 3:20AM). All reports had verifiable information.

Thank you to all who tuned in, called and reported reception of the test!



Pioneer Broadcast Stations in the U. S.

by Thomas H. White ... June 1, 1992

Any review of the first U.S. broadcast stations is complicated by conflicting interpretations and claims, plus a scarcity of information. This is an overview of the pioneer stations granted broadcasting authorizations, plus a review of the government policies in force at the time.

Establishment of the Broadcast Service

As with most innovations, there was a lag between the development of broadcasting, and formal recognition of its existence by government regulators. In the United States, beginning in 1912, radio was regulated by the Department of Commerce's Bureau of Navigation.

One of the first steps taken by the Bureau, as recorded in the September 28, 1912 edition of "*Regulations Governing Radio Communication*", was to divide land station licences into eight classes: 1-Public Service, 2-Limited Commercial, 3-Experimental, 4-Technical and Training School, 5-General Amateur, 6-Special Amateur, 7-Restricted Amateur, and 8-High Power. (The High Power class was soon dropped, and its stations absorbed into the other categories).

None of the licence classes included any reference to broadcasting. Thus, in the period of broadcast development and experimentation leading to the formal adoption of regulations in 1921, stations licenced under a number of classifications made experimental broadcasts. For example, among the numerous stations that engaged in early broadcast development, KDKA in East Pittsburgh, Pennsylvania held a Limited Commercial licence; many stations, including DeForest's "High Bridge" station, 2XG in New York City, and "California Theater" station, 6XC in San Francisco, plus the American Radio and Research Corporation's 1XE in Medford Hillside, Massachusetts, and Frank Conrad's 8XK in Pittsburgh operated under Experimental authorizations; while additional stations, including the University of Nebraska's 9YY in Lincoln, had Technical and Training School licences.

Other early dabblers in broadcasting, including the Detroit News' 8MK, held General Amateur licences, while KDKA's initial November 2, 1920 election broadcast actually went out under a temporary Special Amateur authorization, 8ZZ. In addition there were government stations, exempt from Commerce Department regulation, including AGI, operated by the Army Signal Corps at the Presidio in San Francisco, California, and the Navy's NOF-NSF, located in Anacostia, D.C.

Adoption of Broadcast Service Regulations

On December 1, 1921 the Bureau of Navigation formally established standards for the first time for a broadcasting service. The new regulations were reported in the January 3, 1922 edition of the *Radio Service Bulletin*. However, instead of creating a new licence class, broadcasting was set up as a service category within the existing Limited Commercial classification. (Broadcasting would not become a separate licence until radio regulation was transferred to the Federal Radio Commission in 1927.) The new broadcast service was assigned two wavelengths: 360 meters (833 khz) for "broadcasting news, concerts and such matter", and 485 meters (619 khz) for "broadcasting crop reports and weather forecasts". Thus, depending on the service offered, a broadcast station could be licenced for 360 meters, 485 meters, or for both wavelengths. Stations using the same wavelength in the same area had to share time in order to avoid interference. Also, a station licenced for both wavelengths had to switch from one wavelength to the other whenever its program fell into another service category. (This dual-wavelength setup was dropped in May, 1923 when the number of broadcast wavelengths was greatly expanded).

Under the new standards, in order to be permitted to make broadcasts intended for the general public, a station had to hold a Limited Commercial licence, and its licence also had to authorize use of the broadcast wavelengths. Therefore, Limited Commercial stations that didn't have an authorization to use the broadcast wavelengths, and stations operating under other licence classifications, no longer were permitted to broadcast to the public. (Government stations remained exempt from Commerce Department control, so some continued to make broadcasts).

The Bureau's introduction of broadcast service standards actually formalized developments of the previous two-and-a-half months. At the time of the introduction of the new regulations, nine stations already held Limited Commercial licences authorizing the use of 360 meters for broadcasting purposes. The existence of this group of stations was a side effect of a wavelength assignment request made by the Westinghouse Electric and Manufacturing Company. Westinghouse's famous KDKA in East Pittsburgh, Pennsylvania was first licenced, as a Limited Commercial station, on October 27, 1920. According to early publicity, KDKA's initial broadcasts, through the fall of 1921, went out

on the wavelength of 330 meters (909 khz). With the success of KDKA, in the fall of 1921 Westinghouse began to set up three additional broadcasting stations – WJZ, WBZ, and KYW – which initially were assigned to a variety of wavelengths.

According to an article in the September, 1922 issue of *Radio News*, at this point Westinghouse's L. R. Krumm asked the Bureau of Navigation to assign all the Westinghouse stations to a single wavelength, 360 meters. The first Westinghouse station to be issued a licence explicitly for 360 meters was WBZ on September 15, 1921. During the next two months the other three Westinghouse stations were also issued licences specifying use of 360 meters. Moreover, in the period before the December 1st adoption of the new regulations, five other new stations being set up for public broadcasting by other companies – WDY, WCJ, WBL, WJX, and KQL – were also licenced by the Bureau of Navigation as Limited Commercial stations operating on 360 meters.

Thus, at the time of the adoption of the December 1st regulations, Limited Commercial licences for 360 meters had already been informally established as a standard operating setup for broadcasting stations. The new broadcast service regulations didn't require the nine stations already on 360 meters to make any changes, because they already met the new standards. In view of this, lists of the first broadcasting stations, issued over the years by the Federal Radio Commission and the Federal Communications Commission, generally begin with these nine 360 meter assignments, starting with WBZ on September 15, 1921.

Exceptions and Additions

A problem with using the 360 meter grants to identify WBZ as the first broadcasting station is that this is seemingly an overly restrictive standard. The question is whether there are radio stations which can claim existence, as broadcasting stations, prior to WBZ.

In my view, two of the Westinghouse stations – KDKA in East Pittsburgh, and WJZ in Newark, NJ (now WABC New York), qualify as being senior to WBZ. Both KDKA and WJZ were specifically set up to be fulltime broadcast stations, and received Limited Commercial licences, although neither initially specified 360 meters. (KDKA was first licenced on October 27, 1920 but didn't receive a licence specifying 360 meters until November 7, 1921. However, it's very possible that KDKA switched to 360 meters before the new licence was issued, since it's first licence also didn't specify the 330 meter wavelength it initially used. WJZ was first licenced in May of 1921, and was issued a new licence specifying

360 meters on September 30, 1921). Thus, given Westinghouse's pioneering work, in the following list of broadcast stations KDKA and WJZ are listed according to their initial licence dates of October 27, 1920 and May, 1921, respectively.

Of course, once you start developing your own standards, others tend to come up with suggestions. Most of the broadcasting stations set up under the December 1st regulations were licenced to individuals or companies that had operated earlier radio stations. (This includes KDKA, which was an outgrowth of Frank Conrad's 8XK. The earliest claim is by KQW in San Jose – now KCBS in San Francisco – which identifies predecessors dating back to 1909).

Although some of these earlier stations utilized spark transmitters, others used continuous wave transmitters and in some cases had conducted experimental broadcasts. Thus, in many cases broadcast stations are claimed to actually date back to licences issued to predecessor stations. However, to the best of my knowledge none of these predecessor stations can really be considered to be "broadcasting stations" – at best they were "radio stations that also made broadcasts", with their broadcasts secondary or in addition to the station's normal functions. So, at the risk of great bodily harm, I personally see no compelling reason to date the "broadcasting station" ranks any earlier than KDKA's initial authorization.

Licensing Policies and Procedures

As noted earlier, licensing at the time of the creation of the broadcasting service was conducted under the provisions of an act passed in 1912. Although the standard since the 1927 formation of the Federal Radio Commission has been that stations serve the "public convenience, interest, or necessity", no comparable guideline was mandated by the 1912 act, and licensing of the pioneer broadcast service stations amounted to little more than registration. Licensing authority was vested in the Secretary of Commerce, and exercised through the Bureau of Navigation. This body operated on a much more informal basis than successor regulators. Moreover, control was more decentralized, with oversight, performed primarily by nine regional Radio Inspectors, generally limited to insuring that stations maintained technical standards. The procedure normally used to procure a broadcast licence in the early twenties was as follows: the prospective station operator filled out an "Applicant's Description of Apparatus" (Form 761), obtained from the region's Radio Inspector. The completed form, which provided mostly technical information, was submitted to the inspector, who, if deemed necessary,

inspected the proposed apparatus. Next the form, including the inspection report plus a recommendation on the type of authorization that should be issued, was forwarded to the Commissioner of Navigation in Washington, DC.

In the case of new stations two distinct steps took place. First, when the Form 761 was received in Washington the station was immediately assigned a call sign, which was written at the top of the form. Later, if everything was in order, a licence was issued. (If the station equipment had not been inspected, the licence was issued with the notation "provisional".) The time period between assigning call letters and issuing a licence ranged from immediate action to as much as forty days, and according to Commerce records was usually in the range of one to three days. The assignment of the call sign was not considered as establishing a new station. Stations were not reported in the Radio Service Bulletin until the first operating authorization - usually a licence but in a few cases a preliminary telephoned or telegraphed authorization - was issued. Licence periods for broadcasting stations through the early twenties ranged from as few as ten days to one year, with one year licences the norm for grants made until early January, 1922, six months the standard during mid-January, 1922, and three months the norm thereafter. Licence renewal was obtained via the submission of an updated Form 761 at the required intervals.

A serial licence number was assigned to the first licence issued to a given station, which normally was carried over to later licences issued to the station. Occasionally the same licence number was accidentally given to two different stations. In that case, a "1/2" was added to one of the licence numbers. Some mistakes were never caught - according to a penciled note WBU's initial February 21, 1922 licence was supposed to be numbered "299". Instead, it was stamped "219", and this number was kept for its later licences.

Although the above procedures were the ones normally used, Commerce files report that in a few cases the process was accelerated by direct letters, telegrams, and telephone conversations between applicants and Washington officials.

Station Deletions

Station deletions in the early twenties were performed with even less formality and consistency than licencing. When a station discontinued broadcasting before the end of a licence period, the station operator could return the licence for cancellation. However, it appears that in most cases the station owners didn't bother - instead they just let the licences expire in due course. Moreover, the lapse of a station licence was seen as no more than the close of an operating authorization, and rarely resulted in immediate deletion from the official station lists. Generally a grace period was allowed, on the assumption that many stations would eventually be relicenced.

The timespan between the expiration of a licence and formal deletion varied greatly, and according to Commerce files most stations were not removed from the published lists until one to six months after their operating licences had lapsed. The whole process has a distinct "we'll delete them when we get around to it" feel, and appears to have been to some degree dependent on the diligence of the district Radio Inspectors. Because of the flexible deletion practices, the number of stations deleted in a given month is not a precise measure of the decline in activity for that month, as the licences for many of these stations had in fact expired a number of weeks or months previously. Likewise, official lists of this period invariably include stations no longer holding active licences, and merely awaiting formal removal.

Temporary Stations

One category of broadcasting stations has been almost completely undocumented - that of temporary grants. These were issued for special occasions, usually lasting a month or less, and were not reported in the *Radio Service Bulletin*. There is little information about these grants recorded in the Commerce files, although at least seventy were issued in the period from January, 1922 to October, 1928. For temporary grants made through May, 1922, where wavelength information is recorded, the wavelength assigned was always 360 meters. [Histories for five temporary stations operated by educational organizations can be found in S. E. Frost's "Educations's Own Stations": Bancroft School, Haddonfield, NJ (WRAQ); Gardenville High School, Gardenville, NY (WGHS); Gettysburg College, Gettysburg, PA (WDBG); Milton College, Milton, WI (WSAM); and Northern State Normal School, Marquette, MI, (WBI).]

Listed below are the fifteen stations listed in Commerce files as receiving temporary grants for the period through the end of May, 1922:

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TEMPORARY BROADCAST STATION GRANTS THROUGH MAY, 1922

1st Air date	Call Assign	Call	Location	Grantee/ notes
=====	=====	=====	=====	=====
1/-	1/20	WPU	Buffalo, NY	<i>Buffalo Courier and Enquirer</i>
2/-	2/2	KDP	Seattle, WA	Saint James Cathedral
2/23	2/22	WHO	Kansas City, MO	<i>Kansas City Post</i> (2 days)
3/-	3/1	WWS	Pella, IA	Fowler Telephone Company
3/10	3/-	WBI	Marquette, MI	Northern State Normal School (2 days)
3/16	3/6	WTB	Evansville, IN	Sieffert Electric Company
3/-	3/10	WSH	New York, NY	Experimenter Information Service (2 days)
3/23	3/20	WMX	Port Huron, MI	<i>Port Huron Times Herald</i> (also for 3/27/22)
3/27	3/9	WTA	Uhrichsville, OH	Board of Trade
3/-	3/27	WDS	Richmond, VA	Mann S. Valentine
4/16	4/15	WAAT	Jersey City, NJ	<i>Jersey Review</i> (also 4/19/22)
4/16	4/15	WAAU	Philadelphia, PA	H. C. Kuser
4/28	4/18	WBAC	Des Moines, IA	Kiwanis Club (2 days, also for 2 days starting 4/28/23)
5/13	5/5	WCAI	Topeka, KS	American Legion
5/-	5/31	WEAL	Des Moines, IA	Mystic Shrine, special train "to coast and back"

Call Letter Policies

One area which has been particularly murky is that of call letter policies. Following the adoption of the 1912 act, call signs for most non-amateur services were composed of three letters. Because most early commercial land stations were clustered along the coast, the original policy for land stations was that those on the Pacific coast were normally assigned calls starting with K, while calls starting with W were normally assigned to outlets along the Great Lakes and the Atlantic and Gulf of Mexico coasts. With the development of inland services, further refinements were required. As land stations, broadcasters have generally followed the "K's in the West, W's in the East" standard. However, two different East-West dividing lines have been used. Originally the boundary ran along the eastern borders of Montana, Wyoming, Colorado, and New Mexico. In late January, 1923 the line was shifted eastward, to the current standard of the Mississippi River.

The rapid expansion of the ship service during World War One required utilization of four-letter calls for ship stations, including, in alphabetical order, calls from the KE-, KI-, KO-, KU-, and, starting June, 1920, KD-blocks. (Land stations generally continued to receive three-letter calls.) The assignment of the conspicuous call KDKA to the pioneer East Pittsburgh broadcaster has been viewed as evidence of some sort of special status. However, review of the *Radio Service Bulletin* shows what actually occurred was more

mundane. For some reason, during the period of June, 1920 through April, 1921 most commercial land stations received calls from the four letter ship blocks, and by nothing more significant than coincidence KDKA was the only broadcaster to be born in this period.

The policy of three-letter calls for land stations was restored after this lapse, until the flood of broadcasting grants required that the broadcasting service switch to four-letter calls, with Western broadcasting stations sharing the KD-, and later KF- and KG- blocks with ship stations, while Eastern broadcasters were assigned calls from the W-A-, and later W-B-, blocks. Some received calls outside these blocks due to special requests, and eventually individual call requests became the norm.

Critique of Period Sources

While preparing the chronological list of station activity some idiosyncrasies of three traditional sources of licencing information became apparent.

The best generally available source of information for the early twenties is the *Radio Service Bulletin* issued by the Bureau of Navigation, which reported monthly the changes, deletions, and new station grants made during the preceding month. Three important characteristics of the *Bulletin* have sometimes been overlooked. The first is that its station lists do not report chronologically the grants within a given month, as the *Bulletin* lists always used non-chronological formats, such as alphabetically by city of licence or call sign. Second, a few stations

entered the broadcasting service classification by metamorphosis from another service category, so their debuts are recorded in the "alterations and corrections" lists, rather than the new station lists which report the appearance of more conventional entrants to the service. This alternate route was used by three stations in the period through May, 1922: KQV, Pittsburgh, Pennsylvania; KDPT, San Diego, California; and WRR, Dallas, Texas. Third, broadcasting station additions, changes, and deletions were not reported in a separate category until the July 1, 1922 issue. Prior to this date they were intermixed with the other classes of "commercial land stations", so care must be taken in extracting broadcast service information.

The *Bulletin* was not completely free from occasional typographical errors—for example, in the January 2, 1922 issue both KJB, Everett, Washington and KFL, Seattle, Washington are

incorrectly listed as being broadcast grants, and one station, WGI (later WARC), Medford Hillside, Massachusetts, seems to have disappeared without benefit of official notification. However, overall there were only a few minor discrepancies between information contained in the *Bulletin*, and that found in government records.

Another source of licencing information proved somewhat more suspect. W. E. Downey, Supervisor of Radio at the Department of Commerce, appears to have regularly provided monthly totals of broadcasting station additions, deletions, and outstanding authorizations. As seen in the listing below there are a number of discrepancies, for the period through May, 1922, between the monthly figures reported by Downey, and the information contained in Commerce records and the Radio Service *Bulletin*.

W. E. Downey Figures Research Figures

Month	New	Deleted	Increase	Total	New	Deleted	Increase	Total
1921								
Sept	3	..	3	3	4*	..	4	4
Oct	1	..	1	4	3	..	3	7
Nov	1	..	1	5	2**	..	2	9
Dec	23	..	23	28	20	..	20	29
1922								
Jan	8	..	8	36	9	..	9	38
Feb	24	..	24	60	23	..	23	61
Mar	77	..	77	137	79	2	77	138
Apr	76	..	76	213	83	..	83	221
May	97	..	97	310	96	5	91	312

* includes WJZ ** includes KDKA

The most troubling feature about the Downey figures is the complete absence of deletions. In fact, Downey reports no deletions until September of 1922. However, review of the Commerce records and the *Radio Service Bulletin* clearly shows that fifteen stations were deleted prior to September, beginning with two in March. Since the Downey figures do not list specific stations, the cause of the omissions not clear. Finally, the new station totals appearing in Gleason Archer's

"*History of Radio to 1926*" have a readily identifiable flaw. These figures are inflated, because they actually are the number of new "commercial land stations" reported by the *Radio Service Bulletin*. As noted earlier, this means the figures erroneously include many non-broadcast service grants, and also omit a few transfers to the broadcast service that were reported in the change lists.

Broadcast Service List

Included at the end of this article is a chronological list of all broadcasting service additions, deletions, and changes that took place during the period from October, 1920 through May, 1922.

The vast majority of these actions are new station grants. Station additions are listed chronologically by their initial broadcasting authorization date—normally the date of their first broadcast service licence. "LIC" refers to the standard case where the station's first broadcast authorization was a licence. "TRN" denotes stations whose first broadcast licence was issued in conjunction with a transfer from a previous non-broadcast service classification, using the same call sign. "REL" refers to the relicencing of a previously deleted broadcast station.

In a few cases an authorization to broadcast was made before the station's first

licence was issued. Initial authorizations by telephone and telegraph are denoted "TP" and "TG" respectively. "STA" stands for "Special Temporary Authorization", while "AUT" appears in a case where the station is only listed as "authorized".

Included with the initial authorization date is the station's call sign, city of licence, owner, and frequency assigned. "E" denotes the entertainment wavelength of 360 meters (833 kilohertz), while "M" refers to the market and weather wavelength of 485 meters (618 kilohertz). "EM" means the station was authorized for both wavelengths.

The next column covers the call sign assignment, which as noted earlier was included as part of the application process, and took place prior to the issuance of a licence or other operating authorization. The three entries here are the date of the call assignment, the form of the station application, and its origin. In most cases the standard procedure was followed, with a call assigned upon the receipt in Washington of a Form 761 from a regional Radio Inspector. The nine radio inspection districts were headquartered in the following locations:

1. BOS-Boston, Massachusetts
2. NYC-New York, New York
3. BAL-Baltimore, Maryland
4. SAV-Savannah, Georgia
5. NO-New Orleans, Louisiana
6. SF-San Francisco, California
7. SEA-Seattle, Washington
8. DET-Detroit, Michigan
9. CHI-Chicago, Illinois

In addition, a few of the Form 761s came via Norfolk, Virginia (NOR) and Philadelphia, Pennsylvania (PHI).

Most exceptions to the standard procedure occurred when the station owners (OWN) dealt directly with Washington, via telephone (TP), telegraph (TG), letter (LET), or call letter reservation (RES). In one case W. E. Downey (WED) was listed as the person involved in making the call assignment.

The next column notes the date of the first broadcast service licence, the duration of that initial licence (with "D" signifying days, "M" months, and "YR" years), and the licence number assigned. (These licence numbers were used on subsequent station licences until 1927, when the newly formed Federal Radio Commission assigned new licence numbers to all existing stations). The final "status" column lists the eventual fate of the station—either its deletion date (with call sign if different from the original) or status as of June 1, 1992.

When only the month of an action is known, usually reflecting data derived from the *Radio Service Bulletin*, two dashes appear for the day the action took place. A "(?)" marks

a "best guess" required because of incomplete or ambiguous information, which in most cases should not be more than a few days off. As might be expected, some errors, both in the original records and during the research process, must be assumed to have crept in. However, extensive cross-referencing of original records and other source material should insure that errors have been minimized. Moreover, it is certain that these 319 grants comprise the complete roster of non-temporary broadcasting authorizations issued during this period.

The one entry which must be viewed with due caution is current status. Unlike human beings, which have clearly defined births, lives, and deaths, these stations sometimes had very complicated histories, complete with resurrections, call sign and ownership changes, consolidations of two or more stations under a single call, and facility exchanges. Review of the station histories in *Education's Own Stations* will give a good idea of the tumultuous histories some of these stations enjoyed. With this caveat in mind, the status information was included to provide an overview of the fate of these stations, although a few station histories are too tangled to allow easy refinement to a single entry.

A general standard for status entries was that, in case of doubt, the nod was given to interpretations which provide continuity and longevity. In particular, stations which were deleted but then immediately relicenced were treated as having a single unbroken lifespan, so deletion dates are those where the final unreversed deletion took place, and stations still active might have been deleted and then quickly relicenced somewhere along the way.

Summary

The information presented will hopefully provide a more complete understanding of the policies of the period, and permit more detailed analysis of the development of the broadcast service. For instance, the list of new broadcast station grants shows the abrupt shift from the slow initial expansion of the service though November of 1921, with the first grants dominated by northeast and midwest radio equipment firms, to the popular expansion that began in December of 1921, when owners of all kinds sponsored stations. This popularization has every appearance of a rapidly spreading West Coast fad, as fully sixteen of the twenty-two grants made from December, 1921 to January 4, 1922 were for West Coast facilities.

The 319 entries actually comprise only 317 different stations, because the Marshall-Gerken Company's WBAJ [202] in Toledo, OH was a relicencing of its deleted WDJ [37], and

the Electric Lighting Supply Company's KNX [233] in Los Angeles, CA supplanted its earlier KGC [14]. According to my research, 90 of the 319 entries are listed as surviving to this day, although only as 88 different stations – in addition to KGC and KNX being essentially

the same station, WFI [94] and WDAR [286] in Philadelphia were consolidated in 1935, and are now WEAZ. Thus, based on the research list that follows, below are the 88 United States broadcast stations that date back to May, 1922 and have survived to today:

Oldest Broadcasting Stations in the United States

<i>Auth Date</i>	<i>Call/Freq</i>	<i>City of Licence</i>	<i>Research Entry</i>
1. 10/27/20	KDKA-1020	Pittsburgh, PA	KDKA [1]
2. 05/--/21	WABC-770	New York, NY	WJZ [2]
3. 09/15/21	WBZ-1030	Boston, MA	WBZ [3]
4. 10/13/21	WWJ-950	Detroit, MI	WBL [8]
5. 11/09/21	KYW-1060	Philadelphia, PA	KYW [9]
6. 12/07/21	KWG-1230	Stockton, CA	KWG [10]
7. 12/08/21	KNX-1070	Los Angeles, CA	KGC [14]
8. 12/09/21	KCBS-740	San Francisco, CA	KQW [21]
9. 01/09/22	KQV-1410	Pittsburgh, PA	KQV [32]
10. 01/13/22	KUOM-770	Minneapolis, MN	WLB [34]
01/13/22	WHA-970	Madison, WI	WHA [35]
12. 02/04/22	WGY-810	Schenectady, NY	WGY [40]
13. 02/18/22	WOC-1420	Davenport, IA	WOC [48]
14. 02/20/22	WOR-710	New York, NY	WOR [49]
15. 02/21/22	WHK-1420	Cleveland, OH	WHK [52]
16. 02/28/22	KAQQ-590	Spokane, WA	KHQ [58]
17. 03/02/22	WLW-700	Cincinnati, OH	WLW [62]
18. 03/09/22	KJR-950	Seattle, WA	KJR [64]
19. 03/10/22	KDIA-1310	Oakland, CA	KLS [65]
03/10/22	KWKW-1330	Los Angeles, CA	KJS [66]
03/10/22	KLZ-560	Denver, CO	KLZ [67]
22. 03/11/22	KBLX-1400	Berkeley, CA	KRE [70]
23. 03/13/22	KAAM-1310	Dallas, TX	WRR [71]
24. 03/14/22	KUSA-550	Saint Louis, MO	KSD [76]
03/14/22	WGR-550	Buffalo, NY	WGR [77]
03/14/22	KGU-760	Honolulu, HI	KGU [78]
27. 03/15/22	WSB-750	Atlanta, GA	WSB [82]
28. 03/16/22	WKY-930	Oklahoma City, OK	WKY [87]
29. 03/18/22	WEVD-1050	New York, NY	WHN [89]
03/18/22	KKHJ-930	Los Angeles, CA	KHJ [90]
03/18/22	WBT-1110	Charlotte, NC	WBT [92]
03/18/22	WEAZ-560	Philadelphia, PA	WFI [94]
33. 03/20/22	WIP-610	Philadelphia, PA	WIP [96]
34. 03/21/22	KGW-620	Portland, OR	KGW [102]
35. 03/22/22	KTRH-740	Houston, TX	WCM [103]
36. 03/23/22	WEW-770	Saint Louis, MO	WEW [109]
03/23/22	KMJ-580	Fresno, CA	KMJ [111]
38. 03/28/22	WILL-580	Urbana, IL	WRM [124]
39. 03/29/22	WMAQ-670	Chicago, IL	WGU [129]
40. 03/30/22	KGY-1240	Olympia, WA	KGY [133]
03/30/22	KKMO-1360	Tacoma, WA	KMO [135]
42. 03/31/22	KFI-640	Los Angeles, CA	KFI [137]
03/31/22	WWL-870	New Orleans, LA	WWL [140]
44. 04/05/22	WBAA-920	West Lafayette, IN	WBAA [144]
04/05/22	KKOB-770	Albuquerque, NM	KOB [146]
04/05/22	WRTH-1430	Saint Louis, MO	WEB [149]
04/05/22	WDZ-1050	Decatur, IL	WDZ [151]
04/05/22	KMBZ-980	Kansas City, MO	WPE [152]
49. 04/06/22	KKSU-580	Manhattan, KS	WTG [159]
50. 04/07/22	WJPC-950	Chicago, IL	WAAF [160]

51.	04/10/22	WNEW-1130	New York, NY	WAAM [162]
52.	04/12/22	KBBT-970	Portland, OR	KQP [177]
53.	04/17/22	WJBC-1150	Baton Rouge, LA	WAAB [189]
	04/17/22	KNBR-680	San Francisco, CA	KPO [190]
55.	04/19/22	KCRO-660	Omaha, NE	WAAW [194]
56.	04/21/22	KSL-1160	Salt Lake City, UT	KZN [197]
57.	04/22/22	KKFX-1250	Seattle, WA	KTW [204]
58.	04/25/22	WSOY-1340	Decatur, IL	WBAO [210]
59.	04/26/22	WBAP-820	Fort Worth, TX	WBAP [215]
60.	04/28/22	WOL-640	Ames, IA	WOL [216]
61.	04/29/22	WTVN-610	Columbus, OH	WBAV [219]
	04/29/22	WBAX-1240	Wilkes-Barre, PA	WBAX [223]
63.	05/03/22	KNEW-910	Oakland, CA	KIX [226]
	05/03/22	WTAE-1250	Pittsburgh, PA	WTAE [229]
	05/04/22	WJR-760	Detroit, MI	WCX [235]
66.	05/08/22	WCAO-600	Baltimore, MD	WCAO [243]
	05/08/22	KCPX-1320	Salt Lake City, UT	KDYL [244]
68.	05/09/22	KTSA-550	San Antonio, TX	WCAR [248]
69.	05/10/22	WGL-1210	Philadelphia, PA	WCAU [251]
	05/10/22	WHB-710	Kansas City, MO	WHB [255]
71.	05/13/22	WVMT-620	Burlington, VT	WCAX [259]
	05/13/22	WBNS-1460	Columbus, OH	WCAH [263]
73.	05/15/22	WDAE-1250	Tampa, FL	WDAE [264]
	05/15/22	WTMJ-620	Milwaukee, WI	WCAY [266]
	05/15/22	WCAZ-990	Carthage, IL	WCAZ [270]
76.	05/16/22	WDAF-610	Kansas City, MO	WDAF [273]
	05/16/22	KGNC-710	Amarillo, TX	WDAG [274]
78.	05/19/22	WFAN-660	New York, NY	WDAM [278]
	05/19/22	KEEL-710	Shreveport, LA	WDAN [280]
	05/19/22	WGN-720	Chicago, IL	WDAP [282]
81.	05/23/22	KULL-1300	Seattle, WA	KDZE [292]
	05/23/22	WDAY-970	Fargo, ND	WDAY [293]
83.	05/25/22	WFDF-910	Flint, MI	WEAA [301]
84.	05/26/22	KFH-1330	Wichita, KS	WEAH [305]
85.	05/27/22	KUSD-690	Vermillion, SD	WEAJ [308]
	05/27/22	WHCU-870	Ithaca, NY	WEAI [309]
87.	05/31/22	KTTS-1260	Springfield, MO	WEAK [315]
	05/31/22	KHOW-630	Denver, CO	KDZQ [317]

Notes On Sources

The Commerce Department's Call and Licence card files were the main source for station information up to March, 1927. Additional information came from the FCC's "History Card" files, available at the FCC's Public Reference Room on the 2nd floor of 1919 M Street, NW, Washington, DC. This data was double-checked against a number of sources, including the *Radio Service Bulletin*

grant, deletion, and cumulative station lists, original 761 Forms and station licences at the Washington National Records Center in Suitland, MD, and an undated "List of First Stations Licensed for Broadcasting" (through March, 1922, although it omits a number of stations licenced in March), which was prepared by unidentified FCC personnel, and obtained through the Broadcast Pioneers Library in Washington, DC.

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Musings

of the Members

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*Times are local per Muse; submit double-spaced only.
 Thoughts from NRC members ... the opinions expressed in this column are those of the individual writer
 and do not necessarily reflect those of the editors, publishers, or the National Radio Club, Inc.*

BILL TOWNSEND - 4500 CONNECTICUT AVE. NW #901 - WASHINGTON, DC 20008-4326
 * * * * * It's been several months since I last MUSED. Most DX has been attempts at various CPC TESTS. I'm batting in the .150 to .200 range, some of the stations testing I have heard before, so they are unneeded. On Sat. 7/6, a WADXA GTG was hosted by Arlene Luskin at her Silver Spring, MD pad just outside the beltway surrounding DX with 20 attending. Several events which are too complicated for mention here forced the mainly SWL WADXA into dormancy (it was not dead by any means) for the last 7 years. I may DX this summer with 9khz spacing between channels as I've already booked for a cruise down the Danube River from Austria to the Balkan countries and to Turkey on the Black Sea and Bosphorus Strait separating Asia from Europe. The cruise will be in mid-summer (late July/early August, a favorite time to be away from the ratrace). This winter has been fairly open with only 1 snowfall to amount to anything (3 inches on 7/26) but it was different 14 years ago last month when we got clobbered with 17 inches, the biggest I've seen here. I was using my trusty TRF 17-65" model as my main rig at the time. Time for SP. CUN 21, 28 or whenever. 111 (octal for 73) & Good DX!

ERNEST J. WESOLOWSKI - 13312 WESTWOOD LANE - OMAHA, NE 68144-3543
 * * * * * Before leaving on my car trip to FL, I wanted to mention the MN DXpedition on 2/13 near Fairbault. To compare MN92 and the NE93 DXpedition, well, conditions at MN93 were not as great. However, I did catch 34 states/provinces. Canadians were not so prevalent this time. There were LW's all over the place. A problem with noise appeared on 4 antennas were grounded in the lake and, for some reason, distortion and hum were noted all over the dial. When the terminating grounds were pulled out of the lake and just laid on the ground, the problem was solved. So, don't terminate antennas at the same point. No resistor was used, maybe that's the problem. Leaving soon to visit NRCers WALT BREVILLE in St. Louis and TOM BRYANT at WSM. Then STEVE FRANCIS will join me in TN and MIKE LANTZ will meet us in Orlando and all drive to Miami. Plan to visit CNN in Atlanta & be back on 8/1. Locally, we have 6 country stations in Omaha. I plan to watch SK1P DANFELSTEIN and KAREN tie the knot in Minneapolis on 4/28. Finally, got my 783 slides of radio stations put on videotape. Will see you in ENFIELD in Sept.! Also planning IRCA's Billings MT convention the last weekend in June. 73's!

JEFF COHEN (NIACO) - 25 KENSINGTON DRIVE - SANDWICH, MA 02563
 * * * * * It's been 15 or so years so a re-intro is in order. I just rejoined the NRC last year and haven't DXed in 10 years or so, but I got the bug and I'm glad I did! New DX has been rewarding. I have been in cable TV 12 years, the last 7 as technical manager. Cable took us from Saugas, MA to Chicago to Scituate, MA to LA to Cape Cod to NH and now back to the Cape again. I am currently using just a DX400 barefoot, but I plan to do some shopping at Deerfield next year. Also, I have a TRF that needs work, I replaced a transistor and have had trouble regaining the performance, anyone fix these? Recent DX TESTS heard; the WMT-600 test on 1/31 barely audible with high pitched CW. WANN test 7/6 under CBA until sign off with code ID's. RLEE test in with bits of code under W7RC & CKDX. RAAM-1310 test surprisingly clear with code and voice ID's at the very start, letter said the tone pitch was too high for some sensitive receivers. WCCC-1590 on 2/13 in easily with code ID's including the city. KROA-830 in well with code IDs including city, and last night, WWTX-640 & WWTX-830 Tests, both in strong here. 2/27-3/1 produced several hets here, on 1520, 1540, 1430, 1360, 1000, 890 & 640 so when I checked the recent DX NEWS article, I could imagine what most of them were. I was able to hear Arabic audio on 1521 at 8:15PM 2/27 & on 3/1, I heard German on 1593 with 10 minutes of armchair copy. Several ads, including one for the Jimmy Hoffa story on cable! Also on 3/1 I heard what like German on 1530 under WCKY (I'm new to TA's so I readily don't know what some of these are). I met a CE recently who is anxious to do a test for the NRC, info has been forwarded to the CPC. So that's it from beautiful Cape Cod! Nice to be back! (And we're indeed to have you back 'in the fold' with us Jeff, and we'll look forward to hearing from you with your DX doings from the Cape!-DWS)

STEPHEN H. PONDER - P O BOX 58941 - HOUSTON, TX 77258-8941
 * * * * * Greetings again from the great state of TX! It's been quite a while since my last MUSE and many things have happened since that time. On a sad note, my father passed away this past June. I am proud to state that it was my father who first introduced me to DXing. We built my first receiver together (a Heathkit GC1A "Mohican") way back in 1962! He was also the one who helped me start my collection of Zenith radios (he was a service manager for a Zenith Distributor). My mother & I will certainly miss him. On a much happier note, I have finally joined the ranks of being a "Dad", my wife and I adopted 2 precious girls,

Doris (age 7) & Fannie (age 4). Needless to say, my DXing time and efforts have taken a severe hit! Oh well, maybe I can "squeeze in" a few minutes after their bedtime and before work-hi! Received a very, very late verie/letter from KUDI-900 HI for a report in June 1990. The verie signer, Cliff Arquette, stated that "there's not a lot of sympathy for DXers around this place". Seems that the stations' CE has either quit the station or has decided to stop answering verie requests. Anyway, Cliff says that he is the acting CE as well as the PD. He had sent copies of 4 verie requests that he had received from Sweden (2 letters) and from Finland. Those were quite interesting to read! The Swedish DXers were YNGVE MATTSSON & WILLY ANDERSON, the Finnish DXer was JARMO HAVUKONNAS. Are any of them NRC members? Hope to have some more to report soon. 73's & Good DX!

DON MOORE 1144 140th STREET - DAVENPORT, IA 52804-9538

***** In a recent MUSE, ERNIE COOPER mentioned the Committee to Preserve Radio Verification. The DXer ER mentioned meeting but couldn't remember his name would be JERRY BERG. Jerry is well known in SW circles and has been prominent in NASWA for years. I've known him for several years through several SW get-togethers. The CPRV was originally set up to handle SWBC veries only, but as other stuff began coming in, Jerry expanded it and I think they now collect everything except Ham cards. I know the collection includes a lot of early BCB cards. At a meeting last summer, Jerry brought along an entire album of early 20's BCB veries from a guy in Philadelphia. The Christian Science Monitor has kindly donated file cabinets and the space at their headquarters for storing the CPRV collection which I heard numbered over 25000 veries! It must be a fantastic resource for research on early broadcast history. Jerry puts together a "CPRV page" featuring early SWBC veries which is printed on a space available basis in some of the SW clubs. Perhaps, if asked, he might put together some pages of early BCB veries for the NRC. The CPRV also supplies early veries to other publications for illustrations. For example, 2 articles I've written for Monitoring Times were illustrated with CPRV cards. One, in July 1992, was the 1st radio election campaign in the US in 1924. The other, March 1993, was about TIARRH, the first SWBC station in Latin America and the 1st station in Costa Rica. The CPRV cards really made the articles look nice. The CPRV is an official committee of ANARC and the address ERC gave me is the address for information. Jerry Berg's address is 38 Eastern Avenue, Lexington, MA 02173. (Don, I made this your 1st report of the 3 which you sent along, since it had the CPRV info-DWS)

DAVE SCHMIDT P O BOX 11502 - WILMINGTON, DE 19850

***** I finally got 2 days off in a row this past 3/12 & 3/13, due to the great snowstorm that blasted up the E Coast. On 3/12, WKZE-1020 was noted at 12AM rebroadcasting their FM with some storm related info., mostly just a simulcast. Someone with non-stop oldies on 1530 in WCKY's null noted at 2:45AM, I'm told it's been WJDM testing alot per JOE FELA. During the day, at various points in time, stations noted off were WSSJ-1310, WREY-1440, WNJC-1360, WVCH-740, WCZN-1590, WNRK-1260 due to electrical problems or not being able to get anyone to the station! A bunch of stations were having problems with icing and static discharges building up on their towers and having solid state transmitters not looking into a good "match", they start doing strange things, such as "popping" (the carrier dropping on/off very quickly). This was noted at various points in time on WEAZ-560, WPHE-690, WABC-770, WPRN-990, WLIM-1450 & WCZN-1590 (before they went off completely). This is usually cured by reducing power or going to a back-up transmitter, usually a tube model (tubes are a little more forgiving to a bad match). Later on, emergency broadcasts were noted from WLIM-1580, the 1190 in Hughesville, PA was noted with 103.9 audio and giving ID's which sounded like WMRN for the AM side, what is the call on that? WTZE-1470 was atop giving storm related data around 8PM, mentioning one place in NC with 44 INCHES of snow! A very old and huge tree came down in the height of the storm just 2 houses from ours, and with it came down the electric which knocked off the power in a big portion of our development for some time through the evening. When it was restored, the noise came back which was missing all day (ours did stay on) so another call to the noise tracker at DP&L is in order to let him have it again. This will empty out our file and put to bed another session of the weekly DX NEWS! already! We would very much appreciate your support to the column in the bi-weekly and monthly publications and keep us posted of your DX doings! We can even make RON MUSCO look like a gentleman in this column! Best of DX to all and CUN14!

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One to think about.....many years ago, a kilohertz was known as a kilocycle, it was officially changed to a kilohertz in due respect to its finder, Mr. Hertz. But what if his name was KILROY.....a station on 570 kilokilroy's? Or even if his name was WESOLOWSKI.....a station on 1240 kilovesolowskis? (Another blame that one on ERC, 4/2/79.....don't you wish I'd throw them away-hi!-DWS)

It may not be perfect ...

but the NRC Log, 13th Edition is, simply, the best there is because of your contributions. Why not make the updaters and 14th edition even better? Send all corrections and changes to Wayne Heinen -

4131 S. Andes Way - Aurora, CO 80013-3831. Thanks!

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