



DX NEWS

*the magazine of the
National Radio Club*

— SINCE 1933 —

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Volunteers If you're going to attend the 1986 ANARC Convention in Montreal this July let us know here at HQ. We're looking for someone to give a talk on Mediumwave at the Convention. Let us know here if you're interested.

Speaking of Talks, when you call us here at HQ (we get about 5 calls a day) and get the recorder, please, leave more than your first name. Something like name, phone number, and why you called or what you wanted would be nice also. You wouldn't believe what kind of "stuff" we get on this machine. We can only respond to your requests when you give us all the pertinent info! So, when you call, please leave your name, address, or phone number, etc. One more thing, for those that call us on address changes and leave it on the machine, please, leave the entire address change. "Hi, this is Joe, I'm moving to 210 Main St., send my DX News there." Yep!, this is what we actually get! Oh well, onto other things....

Newspaper Clippings. When sending these to us, please remember a few minor items.

1- Put your name on the back of the article, if you want to see your name in lights, so to speak, please put your name on the back, preferably in pencil. Please don't use magic markers!

2- Enclose the whole article, we get a lot of articles here that are continued on a second or third page and all we get is the first page.

3- When cutting out the article, please be careful that you don't cut off part of a word or two. Also make sure that the article isn't continued on the back side where your cutting.

4- Sometimes we can't even use the article because of heavy ink bleed thru from ads or pictures on the reverse side, or yellowing of the paper itself.

5- Articles can become dated very quickly, so if you have something, send it soon, don't wait three months.

6- We receive piles of clippings every week, and we use them as often as we can. Don't be disappointed if yours doesn't appear, it just means we either ran out of room, it became dated, or someone else's article gave more info or details on the subject.

Anyway, we do like clippings, so don't let the above scare you off. Send all and often!

Page 17, courtesy of Pete Kemp and COMPUSERVE, contains some past FCC changes that effect the AM Band. This material was brought up by Jerry (AM Switch) a while back I believe. Anyway, some of you asked if we had some of those changes well, here is one of them. More as it happens. Thanks to Pete for the other items too.

CPC TESTS --- Times listed are EASTERN Local Time

Jan 14 WIFX-1000, Jenkins, KY 0130-0200(0230), Program will consist of tones, music, Tuesday IDs. Reports to: Mr. Don Mussell, CE, P.O. Box 312, Jenkins, KY 41537.
Arranged by John (Bandscan) Malicky for the NRC.

LOOK INSIDE:

2.....AM Switch	4.....DDXD	11.....IDXD
14.....STN Profile - WCZY	19.....VEBI Signers	20.....MUSINGS
23.....New NRC Product	24.....Your Name and NRC Addresses	

Listen to HGJB "DX Partyline", 0230 UTC Saturday night, for the "AM Interlude" Program with Wayne Heinen. Other stations carrying NRC items include Radio Earth, Radio RSA, and KCBI!

Jerry Starr, c/o WHOT Radio, 401 N. Blaine Ave., Youngstown, OH 44505

CALL LETTER CHANGES

Old call: New call:

550 KFRM KS	Salina	KNNN
1080 WJYA GA	Marietta	WEKS
1130 WAIZ MS	Gulfport	WQFX
	*New NM	KOFK
1240 WYSL SC	Loris	WLSC
1520 *New WA	Sequim	KJSM*

*Users of Broadcasting should note the correct assignment of this call. It was listed a few issues ago as being assigned to a new AM station in Hamilton, MT. Should have been the new Sequim station. Broadcasting strikes again!

APPLICATIONS FOR NEW STATIONS

550 NJ Lakeside: 500 D3
1040 NY Owego: 1000G/250 U4 (corrects "Owesos" typo last issue)
1290 VA Garrisonville: 1000 D1

GRANTS FOR NEW STATIONS

700 TX Tomball: 2500/1000 U4
760 NC Morganton: 500 D1
1450 CO Buena Vista: 1000/1000 U1 (note this is CO, not CA as reported before)
1520 WA Sequim: 5000/5000 U4

APPLICATIONS FROM EXISTING FACILITIES

600 WSOM OH Salem: 250 D1 (reduce power, change to non-DA)
990 WEIS AL Centre: power to 1000

GRANTS TO EXISTING FACILITIES

600 KSXO CA Redding: 5000/5000 U4
640 KTIB LA Thibodaux: changes in antenna system
760 KMBD CO Thornton: relocate XR (new station, not on yet)
770 WYRV VA Cedar Bluff: power to 5000
800 WEAB SC Greer: power to 1000
810 WSJC MS Magee: changes in antenna system
880 WRFD OH Worthington: city-of-license to Columbus, OH
890 KVOZ TX Del Mar Hills: city-of-license to Laredo, TX
1020 KCFA AK Eagle River: night power to 10000
1090 WGOB TN Kingsport: power to 10000 (1000 CH)
1130 KLKY AZ Prescott Valley: city-of-license to Prescott, AZ
1140 KGEM ID Boise: day power to 10000, antenna to U2
1220 WSFT GA Thomaston: power to 1000
1260 KBBQ TX Diboll: city-of-license to Huntington, TX
1400 WPAY OH Portsmouth: relocate XR, share tower with WIOI-1010
1410 KVEG NV North Las Vegas: changes in antenna system

OTHERNESS

640 WOI IA Ames: antenna system for fulltime is complete, awaiting arrival of new 5KW XR. Actual night power will be 998 watts
750 KMGF MN LaCrescent: requests extension of CP for new station
930 WBYG IL Sandwich: report from member had this station on the air, we carried this info a few issues ago. We now find out that WBYG is NOT on the air, fone call to GM confirms that they will NOT make their 1/15/86 target date, towers still not up. In October their engineers did some site testing with a portable tower but no programming was carried. Please, guys, let's be more careful about this stuff
1040 KSDG CA San Diego: requests extension of CP for new station
1060 KAHU HI Hilo: granted CP extension, tower under construction
1160 KFHM TX San Antonio: still operating on 1150 kHz but has been doing on-the-air testing of their new 1160 facility
1210 KLTT ID Meridian: requests extension of CP for new station
KLDI WY Laramie: has moved here, ex-1490
1240 KYPB AZ Quartzsite: requests extension of CP for new station
1250 KHOT CA Madera: expired CP for fulltime reinstated
1470 KGNG MO Brookfield: station is silent
1510 WBLB VA Pulaski: CP to move to 1340 kHz CANCELLED
1530 WASC SC Spartanburg: city-of-license to Fairforest, frequency to 760 kHz application DISMISSED

ADDRESS

1000 KKMx CO Hayden: Box QQ 81639

The FCC has amended its rules to provide a longer initial period of time in which to construct newly granted stations. At the same time, it established strict guidelines concerning applications for extension of time to construct stations, for modification of CPs as well.

Holders of CPs (construction permits) granted after 10 December 1985 will now have 18 months in which to construct a radio station. Under the FCC's new policy, an application for extension of time to build a new station or an application for reinstatement of an expired CP will be granted only where one of the following three criteria is met:

- 1) Construction of the station is complete and testing is already underway, looking forward to prompt filing of the license application.
- 2) Substantial progress has been made; the permittee can demonstrate that the equipment is either on order or on hand, the site has been acquired and cleared, and construction is proceeding.
- 3) No progress has been made "for reasons clearly beyond the control of the permittee," but the permittee has taken all possible steps to "expeditiously resolve the problem and proceed."

Holders of CPs granted before 10 December may file an application for an automatic six month extension of the construction period up to a total of 18 months. After the total period of 18 months has been given, permittees will be required to meet one of the three criteria above before an extension will be granted.

The FCC will also apply a new policy to applications for modification of unbuild facility, most commonly relocation of XR sites, raising or lowering power, or changes to antennas. For CPs issued after 10 December, applications to modify must be filed within 9 months after issuance of the CP. The applicant must certify that it will start construction immediately after the modification is granted. If the application for modification is filed after the 9 month time period had run out, the applicant must show that one of the three criteria has been met as well as certifying that construction will begin immediately. The FCC will not accept any application for modification of a CP filed after the initial construction period expires.

If a modification is granted to a CP the station must be completed within six months or within the remainder of the original construction period, whichever is longer. If an applicant fails to actually modify the facilities within the time allowed, the FCC will cancel the CP.

Clearly the Commission is about to crack down on the CP holders who, in the past, have managed to get extensions drawn out for years.

73 and Good DX,

Jerry Starr & BKF

Jerry Starr & Buffalo K. Foonman

Interruption

United States and Mexico reached agreement in principle on new AM broadcasting pact months ago (BROADCASTING, Aug. 26, 1985), and at time FCC official expressed hope that agreement would be signed and put into provisional effect shortly thereafter. Mexicans are said to be working on agreement, after disruption by Mexico's earthquake, but FCC official last week said it isn't expected that agreement will be signed and put into provisional effect before March. Agreement will permit AM daytimers to operate up to two hours past local sunset. It will allow full-time operations on Mexican clears. In addition, it will permit Mexicans to operate on U.S. clear channels, as long as full protection is provided.

Wee Howard's Record

Glasgow, Dec. 10.
Who is the world's longest-serving broadcaster?
BBC-Scotland is putting forward, to The Guinness Book of World Records, the name of Howard Melberrath Lockhart, 73, recently retired after 62 years before the microphone (with 30 years consecutive as presenter of a Sunday a.m. "Greetings" series on BBC Radio Scotland).
Lockhart was broadcasting in 1923. As a 10-year-old, known as Wee Howard, he had to stand on a box to get his voice level with the microphone.

Jerry Kemp

Processing time for FCC applications
The Mass Media Bureau reports the following average processing times for uncontested broadcast applications:

Service	Major Change	Minor Change
AM	4 Months	2 Months
FM	6 Months	3 Months
TV	3 to 5 Months	2 to 4 Weeks

Processing time for authorization for auxiliary facilities now averages 10 weeks. However, Section 71.24 of the FCC's rules (short-term operation) permits a broadcast licensee to operate an auxiliary facility for 30 days per year without an authorization, if airspace and station identification procedures specified in the rule are followed. Such short-term operations are permitted only on a secondary, non-interference basis.

Dave Schmidt, 42 Chelwynne Road, Castle Hills, New Castle, DE 19720

Here is the column which can apply the saying, 'a day late and a dollar short', somehow we believe this started many months back! When sending your items in, please type or neatly write, ONE side of the paper, skip a line between items, EST, and leave the cutting to me! And one other thing, don't call me Chuck! (KO-IL). And here we go (hopefully) again:

SPECIAL

- 740 CBMN HF MARYSTOWN - Advising listeners they are being phased out in favor of 90.3 FM 11/14 at 0230 then playing, incredibly, 'Help Me Make It Thru the Night'. (ERC-MA)
- 820 KQIN WA BURLIN - 12/11 fulltime is now on via newspaper article, 50000/5000 U4, ID's as 'Quinn'. (KP-WA)
- 1160 WFEN MI FENTON - 12/17 1613 loud/100% readable w/Top 40 music, CNN stock market report. (JS-OH)...12/9 1634 fair w/ID, promo, faded to WJJD. (DV-NY)
- 1260 WBJD NJ TRENTON - 11/22 1618 way o/all w/anc't 'authority has been granted to conduct indefinite program tests' into Lawrence Welk music anxd promo. (KG-PA) This station has been on a program test for years!(DS)
- 1270 WSPR MA SPRINGFIELD - Has dropped AN sked. (ERC-MA)
- WTSN NH DOVER - On til 0210 Sat./Sun. AM's w/Top 40 music. (ERC-MA)
- CJCB NS SYDNEY - Seems to run AN on some AM's w/CW music, rare. (ERC-MA)
- 1540 WPGR PA PHILADELPHIA - In case you missed this, they were completely off the air 12/25 thru 12/29, leaving WMDO. (DS-DE)

DX TESTS

- 810 WSJC MS MAGEE - Noted equal w/WGY 0222 w/TT, music, partial ID. (DS-DE)
- 1370 KFJM ND GRAND FORKS - 12/16 0104 w/TT, ID 0134. (BM-WI)...0104-0130 fair w/ various tones, no ID's, o/u WSPD. (JM-PA)...12/16 strong w/TT/OC at appointed times o/WSPD, no ID's heard, sounded more like an ET than a DX Test. (JS-OH)...0106-0127 tentative, TT noted by no voice/ID's.(WF)
- 1390 KSLM OR SALEM - 12/9 tentative way u/CJCY. (WCM-ND)...12/9 0506-0530 poor w/ CJCY, march music, morse code & voice ID. (KP-WA)...Not heard. (WP-IN) Not tried for, local WFMJ s/on at 0500, if it was an hour earlier...(JS)

MIDDAY - MIDNIGHT

- 550 KUSA MO ST LOUIS - 12/9 1738 w/ID, CW music. (ED-NC)
- CHNO ON SUDBURY - 11/24 1754-1800 religious program, ID, into countdown show.(TP)
- CHLN PQ TROIS RIVIERES - 11/24 1800-1820 w/hockey game, mixing w/CHNO. (TF-CT)
- 560 WGAN ME PORTLAND - 11/23 1535 w/ads, ID, rock oldies show. (MC-ON)
- 580 WTAG MA WORCESTER - 11/23 1555 u/CFRA w/ID only. (MC-ON)
- 600 WSCM OH SALEM - 12/17 1525 u/CKTB/CKEY w/CW music, Classic Country ID. (ML-PA)
- 620 WMT VT BURLINGTON - 12/7 1550 good mixing w/WHEN w/ads, female anc'r. (LM-NY)
- 630 WLAP KY LEXINGTON - 12/9 1820 good w/74 oldies countdown. (ED-NC)
- WNEG GA TOCOGA - 12/7 1706-1717 o/all w/local news w/female anc'r. (KG-PA)
- WBMQ GA SAVANNAH - 12/23 1720-1745 o/WMAL w/oldies, clustered ads, CBS news, many ID's, slogan is 'Oldies on Q'. (KG-PA)
- 640 WHLO OH AKRON - 12/17 1500 CBS news, ID then faded, not often heard. (ML-PA)
- 650 WKWQ MN NASHUAUK - 11/27 1556-1612 good w/news, sports, weather, CW music.(WF)
- 670 KWXI AR GLENWOOD - 12/3 1738-1742 w/news, ID, AR weather, w/little WMAO. (WCM)
- 690 WZAP VA BRISTOL - 12/17 1647-1702 preaching/gospel til fade-out to WAPE. (ERC)
- WNZK MI WESTLAND - 12/22 1300 very weak w/ID, greek Christmas music. (JS-OH)
- 710 CHYR ON LEAMINGTON - 11/29 2000 very poor, just caught ID then gone. (ML-PA)
- 730 WHTC KY VANCELEVE - 12/21 1715 loud w/mention of 1200-1700 Sunday hours, 0600-1715 hours Mon-Sat. Anyone else know of a station that has a Sunday noon s/on? (JS-ON)
- WLIL TN LENOIR CITY - 12/21 1723 CW Christmas music, ID. (JS-OH)
- WPMC NC GOLDSBORO - 12/21 1730 briefly loud w/CW music, clustered ads inc. one for the El Rancho Motel! Has DKK moved? (JS-OH) You heard it wrong, it was the Hotel El Rancho! (DS)
- KWRE MO WARRENTON - 12/9 1804 very strong w/local news, ID. (ED-NC)
- WPIT PA PITTSBURGH - 11/20 1626-1631 poor thru WGN-720 splash w/talk show.(WPP)
- 740 KVPC CO CORTEZ - 12/5 1851-1854 noted on car radio w/rock music, ads. (WCM-ND)
- 750 CKGB ON TIMMINS - 11/21 1634-1641 good w/no WSB w/MOR music. (WPP-IN)
- 760 KMTL AR SHERWOOD - 12/11 1647-1656 unusually loud o/u looped WJR w/gospel music til quick fade-out. Usually can't null WJR this well. (JS-OH)
- 790 WEAN RI PROVIDENCE - 12/7 1556 fair o/u WAEB w/weather, ad, MYL type music.(LM)
- WRUM ME RUMPORD - 12/8 1650-1710 CW music, ID, promo for Country Cookout. (TF)
- CKSO ON SUDBURY - 12/8 1710-1723 rock music, ID, faded to WEAN/WAEB. (TF-CT)

- 830 KNCO CA GRASS VALLEY - 11/27 1937 strong o/WCCO w/ID 'Now w/ten times more power'. (KP-WA)
- WLND OH CORTLAND - 12/23 1730 noted on past normal 1700 s/off time, evidently running PSSA power, not much change from reg. day power here. (JS-OH) 12/17 1400 'The new voice in the Valley' ID, CW music. (ML-PA)
- 840 CHUR ON NORTH BAY - 11/27 1947-1953 loud & clear w/rock music w/WHAS looped. (MD-MA)...11/21 1732-1735 ads and ID noted before fading to WHAS.(WPP)
- 850 WIVK TN KNOXVILLE - 12/7 1720-1730 rock album til s/off w/invite to tune to 107.7 FM. (TF-CT)
- 860 KKNW KS PITTSBURGH - 12/3 1711-1715 good w/20/20 weather, 30/30 news, CW music, o/WCOM, no CJBC. Sounded more like an eye exam! (WPP-IN)
- 870 KIEV CA GLENDALE - 12/4 1931-1945 w/ads, talk, no ID's til fade out. (KP-WA)
- WHCU NY ITHACA - 11/22 1635-1642 steady but poor o/WKAR/WML w/EZL music. (WPP)
- 880 KMFR OR PHOENIX - 12/14 2027 fair u/XIXI/KWIP w/S Oregon's Personality Radio ID. (KP-WA)
- 890 KDXU UT ST GEORGE - 11/24 2310 ID, rock music, even w/WLS. (REW-HI)...12/6 1808-1813 good w/sports, ad, rock music. (WCM-ND)
- 900 WKDW VA STAUNTON - 12/2 1646 CW music, female anc'r, lost to CHML. (TF-CT)
- 910 KLCN AR BLYTHEVILLE - 11/22 1755-1800 o/WSLI/u/WRLN w/MOR music, s/off. (WPP-IN)
- WALT MS MERIDIAN - 11/22 1748-1752 fair w/MS state news, faded u/WRLN.(WPP-IN)
- WRNL VA RICHMOND - 11/22 1752-1800 good o/mess w/ads, ID. (WPP-IN)
- WSBA PA YORK - 11/29 2130 very poor o/u CHML-900 splash w/MOR music, very rare in these parts. (ML-PA) Wish I could say that! (DS)
- 920 WMEL FL MELBOURNE - 12/20 1752-1800 o/all w/weather, Christmas and pop music, ads, CBS news. (KG-PA)
- WMMN WV FAIRMONT - 11/29 2115 w/Dallas Townsends last CBS news report, MYL music, no CKXK. (ML-PA)
- CBO ON OTTAWA - 11/22 1608-1617+ o/WBAA/CKCY w/oldies music. (WPP-IN)
- 930 WKY OK OKLAHOMA CITY - 12/3 1758-1801 local sports, ID, ABC news o/mess. (WPP)
- WNNH NH ROCHESTER - 12/1 1850 up briefly o/WBEN w/ads, ID as 'Real Country WNH'. (LM-NY)
- KKIN MN AIKEN - 12/8 1718 fair w/PSA, ID, music. (KDF-IL)
- 950 WLIT OH STEUBENVILLE - 12/22 1309-1330 Krejhy's pest way o/WWJ w/program of nearly non stop Christmas music. (JS-OH) What's the difference between Krejny & burnt toast? Find out at the conventional (DS)
- 960 KJAD OR KLAMATH FALLS - 12/2 1931 good w/ID, news, CW music. (KP-WA)
- WFIR VA ROANOKE - 11/26 1747 fair u/WELI w/local news, PSA. (LM-NY)
- WHYL PA CARLISLE - 12/14 1605 good w/WELI w/news, weather, CW music, sounded like FM simulcast. (LM-NY) Yer right! (DS)
- 970 KNUU NV LAS VEGAS - 12/2 1909 fair u/KHYV w/K-News 970 ID, weather, satellite TV schedule, soon faded. (KP-WA)
- KHYV CA MODESTO - 12/2 2000 good w/ID & AM Stereo Concert Hall, my favorite!(KF)
- 980 WWRC DC WASHINGTON - 12/13 2204 end of news, 'WRC' ID, ads, fair/good signal, 'Station of the Stars' ID. (RAD-PA)
- 1010 KKGZ CO BRUSH-FT MORGAN - 11/28 1823-1830 CW music, ads, PSA, sports round-up, fair signal, alone. (NJW-MB)
- 1020 WJEP GA OCHLOCKNEE - 12/3 1723-1729 steady o/KDKA/WPEO w/ads, s/off faded before finish. (WPP-IN)
- 1040 WHBO FL PINELLAS PARK - 12/20 1730-1740 o/all w/rock oldies, weather, clustered ads, many ID's, 'All oldies, all the time'. (KG-PA)
- WJTB OH N RIDGEFIELD - 12/4 1710 late s/off after xlt blues music program, evidently running Spanish on weekends. (JS-OH)...12/9 1655 good w/ID, promo w/listeners names. (DV-NY)...11/24 1715 ending gospel religious service into s/off, anyone get a verie from this guy? (ERC-MA)
- 1060 WPLE KY FLEMINGSBURG - 12/20 1630-1700 astounding signal in KW null w/Santa Claus, Christmas music, sports, obituary notices, ads, news. (KG-PA)
- 1070 WSCP NY SANDY CREEK - 12/7 1610 fair briefly o/CHOK w/ad, weather. (LM-NY)
- KHMO MO HANNTBAL - 11/28 1837 CW music, ID as the 'All New AM & Country 98', poor w/WTSO. (NJW-MB)
- 1080 KPRX UT PRICE - 11/28 1909 music, ID, ad, equal w/KRLD. (JFH-OK)
- WOAP MI OWOSSO - 11/22 1705-1715 strong in WTC's null w/pro life program, ads, weather, frequent ID's, full data s/off w/orgn SSB. (KG-PA)
- KWJJ OR PORTLAND - 11/12 1200 news, sports, JJ ID's, good w/KWAI off. (REW-HI)
- 1090 KLSC CO AURORA - 11/22 1712-1716 good o/u KAAY/UNID w/MOR/oldies, 'Best of the new, best of the old' ID. (WPP-IN)
- UNID 11/20 1738-1742 French talk show, assume this is CHRIS. I can't speak a lick of French! (WPP-IN) It's they and I'll leave it at that! (DS)
- WAQE WI RICE LAKE - 11/22 1653-1706 good o/KAAY w/ads, promo, MOR music. (WPP)
- 1110 CKJD ON SARNEA - 12/8 1708 fair u/WBT w/ad. (WPP-DC)
- WJSM MA MARTINSBURG - 11/15 1405 ID noted u/WUHN then faded. (MC-ON)
- WUHN MA PITTSFIELD - 11/15 1410 w/MYL, ads, ID. (MC-ON)
- WVNH NH SALEM - 11/15 1415 ID, pop music. (MC-ON)
- WGPW NY SENECA FALLS - 12/18 1708-1712 o/WBT w/financial news, ads, sports, on PSSA power. (KG-PA)

1120 WCOL NY BUFFALO - 12/17 1600 poor w/Hot 104 (FM) ID's. (ML-PA)
 1130 WISN WI MILWAUKEE - 12/9 1707 poor u/WNEW w/weather, ID, traffic report. (DV)
 1140 WBYZ PA NEW CASTLE - 11/24 w/news, ID, ads. (MC-ON)
 CBI NS SYDNEY - 11/24 1635 u/WRVA w/Cross Country check-up. (MC-ON)
 WASC AL ATMORE - 11/20 1743-1751 poor w/WRVA w/Hurricane Kate info. (WPP-IN)
 1150 CBSJ NB ST JOHN - 11/16 1905 news, ID, CW music. (MC-ON)
 1170 WBRW NJ SOMMERVILLE - 11/20 w/ID only noted u/WVVA. (MC-ON)
 WWSG NY CORNWALL ON HUDSON - 11/20 1628 w/full data s/off leaving WBRW. (ERC-MA)
 WCKX NC CLAREMONT - 12/5 1710-1715 very good in WVVAs null w/pop music request show, clustered ads, no data s/off w/God Bless America. (KG-PA)
 WXAX SC LEXINGTON - 12/4 17001715 very strong in WVVAs null w/news w/female anc'r, ad, CW music, full data s/off w/SSR. (KG-PA)
 WKZE MA ORLEANS - 12/7 1500 fair/alone w/ID into news, unusual day catch. (DV)
 1180 WPKB KY FLORENCE - 12/17 1630 beautiful copy w/news, no WHAM. (JS-OH)
 WFGN SC GAPPNEY - 12/16 1653 atop w/ad, ID. (JS-OH)
 WJJP RI HOPE VALLEY - 11/30 1605-1630 CW music, many short ads, long jingle, invite to write for a Christmas card, full data s/off. (TF-CT)
 WSAF GA TRION - 12/12 1717-1730 strong in WHAM's null w/GA sports, local ad, pop music, s/off. (KG-PA)
 1190 WJES SC JOHNSON - 12/15 16561700 Top 40 music, ID into news, dual ID w/WKSK-FM, Johnson-Edgefield. (JS-OH)
 WANN MD ANNAPOLIS - 12/2 1600 w/ad, ID. Again 12/14 1230 w/ads. (RAD-PA).... 11/15 1533 w/ID u/CJMR. (MC-ON)
 CHTN PEI CHARLOTTETOWN - 11/24 1645-1650 w/Canadian fiddle music, soon faded to WMO. (MC-ON) I thought they were MoR/rock? (DS)
 1200 WBCE KY WICKLIFFE - 12/4 1635 S9 steady w/CW type gospel music on '12 Hundred Club'. Again 12/15 1620 quite loud w/gospel program, no usual WAGE. (JS)
 1210 WKXN MI SAGINAW - 12/17 1624 noted o/WCAU at times, looking for some of the newies. Log time not heard. (ERC-MA)
 WDAO OH DAYTON - 12/20 1710-1715 strong in WCAUs null w/ads, traffic bulletin, sports and s/off. (KG-PA)
 WDGR GA DAHLONEGA - 12/21 1655-1706 strong in WCAU's null w/CW music, GA news, ads. (KG-PA)
 1220 WKBK NH KEENE - 11/15 1545 ID noted u/CJSS/CHSC. (MC-ON)
 1230 CKMP ON MIDLAND - 11/28 1813 ID, ad during break in football game. (MC-ON)
 WJOY VT BURLINGTON - 11/25 1807 in jumble w/ID, ads. (MC-ON)
 WTSV NH CLEREMONT - 11/26 1555 in noise w/ID only. (MC-ON)
 1240 WSKI VT MONTPELIER - 12/9 2325 up briefly w/album giveaway. (LM-NY)
 1260 WCHV VA CHARLOTTESVILLE - 12/7 1625 very weak u/noise w/ads, weather. (LM-NY)
 KTUE TX TULIA - 11/22 1814-1842 fair/poor u/KGBX w/CW music, ID, ads. (JFH-OK)
 1270 CFGT PQ ALMA - 12/20 2020-2056 in French w/hockey, occasional ads, winning battle w/WXYT/WISN. (RUGG-PQ)
 1310 WSSJ NJ CAMDEN - 11/17 2100 w/ID noted u/WIBA/CKOY. (MC-ON)
 WIBA WI MADISON - 11/17 2100 ID, talk show w/WSSJ/CKOY. (MC-ON)
 1330 KVKM TX MONAHANS - 12/7 1859-1901 w/KGAK, TX state news, ID, partial data s/off noted. (WCM-ND)
 1340 CKDK ON WOODSTOCK - 12/12 1350 noted w/pop music, clustered ads, IDs, news, weather w/frequent Oxford County mentions during local pass thru. (RUGG)
 1360 WCHL NC CHAPEL HILL - 11/22 1606-1617 o/all w/news, ads, weather, sport w/male and female anc'rs. (KG-PA)
 1370 WELV NY ELLENVILLE - 12/19 1624 noted way atop w/ID. (ERC-MA)
 1390 WDOT VT BURLINGTON - 12/3 2305 good w/WPBL w/CW music, weather. (LM-NY)..... 11/29 1655CW music, ID, quickly lost to WPBL. (TF-CT)
 1400 WILI CT WILLIMANTIC - 12/3 2311 briefly atop din w/weather, ID. (LM-NY)
 1410 KCLO KS LEAVENWORTH - 11/22 1735-1742 good w/CW music feature, sports, ID. (WPP)
 1420 WYOT NC WILSON - 12/11 1652 fair/good w/ad, ID. (WPT-DC)
 1440 WPRS IL PARIS - 12/10 1704-1706 briefly atop WNFL/WDOV w/stock report, MoR. (WPP)
 WZYX TN COWAN - 12/18 1745-1747 popped up o/mess w/ads, B/Sol music. (WPP-IN)
 1450 WIZS NC HENDERSON - 12/6 1731-1743 way o/all w/clustered ads, talk show. (KG-PA)
 1470 WCHO OH TOLEDO - 11/22 1735 ID only w/WHY/WMBD. (MC-ON)
 WWHY WV HUNTINGTON - 11/22 1337 w/ID noted w/WHO/WMBD. (MC-ON)
 WMBD IL PEORIA - 11/21 1738 ID noted w/WHY/WMBD. (MC-ON)
 WSRO MA MARLBORO - 11/26 1615 way atop w/ID, Elvis music. (DV-NY)
 1500 WKER NJ POMPTON LAKES - 12/8 1630 detailed s/off, to return 0715. (TF-CT).... 11/26 1645 xint w/full data s/off, to return 0700. (DV-NY)
 WKAX AL RUSSELLVILLE - 12/20 1745 fair w/s/off, 'Russellville's Best'. (JM-PA)
 1520 WKZQ SC MYRTLE BEACH - 12/1 1645-1647 good atop w/sports, rock music. (MD-MA).. 12/19 1650 in nicely o/WKBW w/Christmas music. (ERC-MA)
 WCHE PA WEST CHESTER - 12/2 1620-1635 w/ads, time checks, frequent IDs, 40's music, fair signal. (RAD-PA) The CE here is a club member. (DS)
 WHIC KY HARDINBURG - 12/16 1724-1730 strong in WKBWs null w/Christmas carol, ad, s/off w/female anc'r w/invite to tune to 94.3 FM. (KG-PA)

1550 KHBZ TX CANYON - 11/29 1831-1835 fair w/KQWB w/local news, oldies. (NJW-MB)
 WSER MD ELKTON - 12/15 1318 fair/good w/music, ID's, sports update, ads. (RAD)
 WYNX GA SMYRNA - 12/2 1640-1647 fair/good w/gospel music, traffic report, PSA for churches, ads, mention of 50kw and address. (RAD-PA)....12/1 1705-1707 good atop jumble w/weather, contemporary christian music. (MD-MA)
 1570 WYTI VA ROCKY MOUNT - 12/2 1750-1758 briefly atop w/ad, s/off. (RAD-PA)
 WFGN SC GAPPNEY - 12/9 1715 fair w/mention of news, sports, weather, ID. (WPT-DC)....Hey, how come Starr reports them on 11807 (DS)
 WBUZ NY FREDONIA - 12/19 1400 poor w/CKLM w/ID, rare here. (ML-PA)
 KNDY KS MARYSVILLE - 11/28 1901 poor w/UNID s/off w/s/off. (NJW-MB)
 1580 WJIK NC CAMP LEJEUNE - 12/2 1710-1716 fair w/religious music til s/off. (RAD-PA)....12/1 1708-1710 way atop w/religious music, no sign of CBJ. (MD-MA)
 KPFD AR VAN BUREN - 11/29 2009 fade in poor w/ad, ID. (NJW-MB)
 KNIM MO MARYVILLE - 11/28 1855 brief fade in w/ID, request for listener comments. (NJW-MB)
 KPIK CO COLORADO SPRINGS - 11/29 1006-1023 poor w/Spanish religious music, ads in Spanish, calls given in English. (NJW-MB)
 1590 WAKR OH AKRON - 12/8 1548 fair w/Browns football. (WPT-DC)
 WQOW CT WATERBURY - 12/2 1803 good but faded w/weather, ID. (RAD-PA)
 MIDNIGHT - MIDDAY
 550 CHNO ON SUDBURY - 12/9 0350-0435+ great o/WKRC/KUSA w/All Night Show, Top 40 music, Rock Radio ID's, ads, calls never given, tho. (WPP-IN)
 580 CPRA ON OTTAWA - 12/7 0040 fair w/rock music, ads. (LM-NY)
 620 WSUN FL ST PETERSBURG - 11/30 0455-0508 fair/good w/Sun Country ID's, CW music, ABC news. (JFH-OK)
 630 KDWB MN ST PAUL - 12/13 0357-0446+ clear o/KXOK/WLAP w/Top 40 music. (WPP-IN)
 CFBK ON HUNTSVILLE - 12/7 0046 good in WMAL null w/rock music. (LM-NY)
 640 WHILO OH AKRON - 12/10 0229+ noted w/Christmas Carols while looking for WMSO, lots of Spanish interference noted. (ERC-MA)
 WWLS OK NORMAN - 12/9 0200+ atop KFI w/Top 40 oldies, mostly 60's stuff. (JS-OH)
 680 WDBC MI ESCANABA - 12/15 0659-0706 good w/ad, temp. check, ID then gone to local WISR at s/on. (JM-PA)
 690 WVOK AL BIRMINGHAM - 12/9 0241+ surprisingly good copy w/their new Canadian Clear nite power grant. (JS-OH)
 710 *UNID 12/11 0407-0435 someone using a siren type then steady TT, faded u/WOR/CKVM. (WPP-IN)
 730 CHYR ON LEAMINGTON - 12/11 0409-0413 briefly o/u CKAC/Spanish w/ads, Top 40 music. (WPP-IN)
 750 *WSB GA ATLANTA - 12/23 0205 rare silent period noted. (JS-OH)
 790 WPAR VA NORFOLK - 11/29 0100 poor w/pop music, IDs. (ML-PA)
 840 CHUR ON NORTH BAY - 11/23 0343-0352 strong w/MoR music o/WHAS. (WPP-IN).... 11/26 0630-0714 strong in WHAS's null w/pop music, ads, and news, sports & weather every half hour, AM Stereo ID's. (KG-PA)
 850 WRMR OH CLEVELAND - 12/9 0752 fair w/ID. (WPT-DC)
 880 WEEG GA JEFFERSON - 11/30 0701-0730 fair w/ads, sports, NE GA weather. (JFH-OK)
 WMBD TN NASHVILLE - 11/30 0730-0743 fair w/B/Sol, 'Station w/the Big Mouth' ID, legal ID, then lost to KRWN. (JFH-OK) Slogan shows GREAT taste!
 890 *WLS IL CHICAGO - 12/23 0115 noted off, hopes for KDKX smashed by several powerful bets and a handful of UNID Spanish. (JS-OH) Exact, ditto. (DS)
 900 WBJD GA SAVANNAH - 12/7 0634-0642 gospel music, ID, weather, lost to CHML. (TF)
 930 WNGR GA BAINBRIDGE - 12/4 0645-0658 way o/all w/CW music, ads, Talk of the Town (local news obs), many Country 93 ID's. (KG-PA)
 940 CJGX SK YORKTOWN - 12/12 0359-0407 alone on freq. w/ID as serving MB & SK, Town & Country radio, GX 94, news, sports, weather, CW music. (WPP-IN)
 950 KIMN CO DENVER - 11/28 0145-0205 good w/CFAM ET w/Top 40 music, contest promos and winners. (NJW-MB)
 *CFAM MB ALTONA - 11/28 0140-0200 xint on ET w/OC, TT. (NJW-MB)
 WHFV NY HYDE PARK - 12/13 0702-0710 good in WPEB's null w/news, ads, weather, into Music You Remember (old standards), 95 HV IDs. (KG-PA)
 WJLW FL ORLANDO - 12/4 0630-0642 fair in WPEB's null w/pop music, weather, traffic, clustered ads, many BJ 105 (FM) IDs. (KG-PA)
 960 KNEB NE SCOTTSDUFF - 11/28 0204 poor w/CFAM w/end of Ai news, ID for AM/FM, local weather, Larry King. (NJW-MB)
 980 WARC DC WASHINGTON - 11/29 0010-0030 w/no CPPL, Best of Talknet. (ML-PA)
 990 WNOX TN KNOXVILLE - 12/11 0050 poor between CPPL-980/WCPPL-1000 w/King. (ML-PA)
 WNYR NY ROCHESTER - 12/11 0105 CW music w/female anc'r, strong then faded. (ML)
 1020 UNID 11/23 0323-0503+ looped NW/SW to constant religion, fading at ID time, call on KDKA mentioned same thing. (WPP-IN) KBCQ? (DS)
 KYXE WA SELAH-YAKIMA - 11/13 1105 CW music, ads, weather w/some KTNO. (REW-HI)

1030 KIMY CA FOLSOM - 11/25 0406 good o/WBZ w/ID, 'K-Highway'. (KP-WA)
 1050 CKSB MB WINNIPEG - 11/14 0728 French sports news, atop channel. (REW-HI)
 UNID 12/12 0327-0542+ poor/fair w/classical music, later found out was same as CJBC-860/CXVM-710, who? (WPP-IN)
 1060 KPIL MN PRESTON - 12/4 0700 good w/no KYW w/son w/SSB, weather. (DV-NY)
 1079 WKMB NJ STERLING - 12/14 0657-0700 fair w/CW music, ID. (LM-NY)
 1080 WVOC FL CORAL GABLES - 12/4 0706-0710 alone w/clustered ads, B/Sol music, jiving anc'r. (KG-PA)
 1090 KLSC CO AURORA - 11/29 1004 poor/fair w/Info Update, female anc'r, rock music. (NJW-MB)
 1150 CHSJ NB ST JOHN - 12/7 0123 very good w/pop music, ads, weather. (LM-NY)
 WYNE WI KIMBERLY - 12/9 0403-0406 good w/weather, CW music, o/u WIMA/CROC. (WPP)
 1190 CFSL SK WEYBURN - 12/15 0239-0243 giving WWOV fits w/weather, Xmas music. (WPP)
 1210 C--- AB SLAVE LAKE - 12/18 0300-0338 fair/poor u/KASY. No ID but definitely twinning CPOK-1370. (KP-WA)
 1260 WADC DC WASHINGTON - 11/26 0141 noted atop WEZE/CIHI w/oldie music. (ERC-MA)
 1270 WORL FL ORLANDO - 11/14 0300 in/out w/female anc'r, 'We've got the power hits' slogan. Often heard w/WSPR off. (ERC-MA)
 WCBC MD CUMBERLAND - 11/17 0300 w/Larry King, often heard. (ERC-MA)
 WUCO OH MARYSVILLE - 11/25 0244 w/CW music, cornball style anc'r, rough to copy here, little talk. (ERC-MA)...12/1 0307-0403 occasionally atop w/CW music, weather, local ads. (KG-PA)
 WTNT FL TALAHASSEE - 12/20 0300 noted while taking log on WCBC, ads, and I believe CW music. (ERC-MA)
 1300 WERE OH CLEVELAND - 12/18 0005-0020 News, ID w/female anc'r, WRIE splash. (ML-PA)
 1320 WLQY FL HOLLYWOOD - 11/17 0200 in/out w/WQIK/WJAS w/Spanish. (ERC-MA)
 1340 KDEN CO DENVER - 11/28 0230 fighting KXXY w/ID, local news, believe mentioned Denvers Lifestyle in ID. (NJW-MB)
 KXXY OK OKLAHOMA - 11/28 0230 poor w/KDEN w/KXXY ID by female. (NJW-MB)
 1350 WINY CT PUTNAM - 12/14 0720 fair w/WNLK w/local sports, ads. (LM-NY)
 UNID 11/23 0103-0120 TT w/no ID, suspect KTLQ-OK, does anyone ID on f/c's anymore? (JFH-OK)
 WLLY NC WILSON - 12/17 0600 way o/all w/full data s/on, 'for a full day of Christian music'. (KG-PA)
 1360 WNNK OH CINCINNATI - 12/16 0100 The New Wink caught during WRIB-1330 silent period. (ML-PA)
 WKOP NY BINGHAMTON - 11/27 0730-0735 mostly o/WBZ w/news, ID, no call change here yet. (KG-PA)
 WMSN NY OLEAN - 12/20 0657-0702 o/all w/news w/female anc'r, Accu weather, ads, CBS news. (KG-PA)
 WWOV OH CONNEAUT - 12/20 0702-0706 o/all w/news, weather, ad, CW music, 'where The Countrys Cookin' ID. (KG-PA)
 1370 WLTH IN GARY - 12/16 0100 noted w/s/off, to return 0700. (KDP-IL)
 KGNO KS DODGE CITY - 12/16 0109-0112 poor above mess after WLTH s/off w/full data s/off w/Happy Trails o/WSPD/KDTH/KPJM TT. (WPP-IN)
 1380 WQHK IN FORT WAYNE - 12/9 0558-0601 w/news, weather, ID. (WCM-ND)
 1390 WPMJ OH YOUNGSTOWN - 12/11 0855 good w/birthday items in WEOK null. (LM-NY)
 1400 WHGB PA HARRISBURG - 12/7 0600 on top of din w/myl, ID. (DV-NY)
 KART ID JEROME - 11/28 0838-0900 fair o/mess w/CW music, ads, program promo, ID on hour. (NJW-MB)
 KTTS MO SPRINGFIELD - 11/28 0306 poor w/CW music, ID on 'All Night Show'. (NJW-MB)...12/17 0438-0441 o/mess w/break in Music Country network, ad, weather. (WPP-IN)
 1420 WACK NY NEWARK - 12/11 0846 fair w/sports, ad, contest promo. (LM-NY)
 UNID 12/9 0120-0152 loud French o/weak WHK/Dr. Ruth, no ID's noted. (JS-OH)
 *WIMS IN MICHIGAN CITY - 12/19 0351-0535+ noted on ET w/OC/christmas music, on/off w/WBK/WOC noted in pauses. (WPP-IN)
 1440 WNYG NY BABYLON - 12/14 0725 poor u/WRO/WFTQ w/ad, promo. (LM-NY)
 1450 WMBH MO JOPLIN - 11/28 0127 fair w/CW music, contest promo, ID. (NJW-MB)
 KNSI MN ST CLOUD - 11/30 0106 poor w/s/off. (NJW-MB)
 1460 CJMH AB MEDICINE HAT - 11/30 0125 fair o/KLTC w/parallel CBR-1010, CBC pgm. (NJW)
 1470 WSRD MA MARLBOROUGH - 12/14 0730 weak thru WKNY splash w/ad, ID. (LM-NY)
 WMMW CT MERIDEN - 12/20 0720 strong in WKKW null w/holiday greetings, ID. (KG)
 1480 CKAN ON NEW MARKET - 12/10 0030 good w/CW music, C-Kan ID. (ML-PA)
 1520 WREA TN DAYTON - 12/14 0959 good w/ID between REL programs. (JM-PA)
 1550 UNID 12/5 0227-0336 strong ET w/TT, old standards, no ID, looping NE/SW. (KG)
 WCVL IN CRAWFORDSVILLE - 12/9 super signal AN w/Q104 ID's. (JS-OH)
 1570 KSRB AR HARDY - 12/2 0559 s/on w/KNDY w/full data, lost to KGCR's 50 watt PSA s/on. (JFH-OK)
 1580 WBBG PA EBENSBURG - 12/6 0700-0715 o/all w/full data s/on w/SSB, news, weather, Pathways, solid gold music, ads, school menus. (KG-PA)
 KLOO CA MARCED - 11/11 1110 o/u KDAY w/PSA, ad in Spanish, fiesta music, no sign of CBJ yet this season. (REW-HI)
 *WLIM NY PATCHOGUE - 12/30 0020 ET w/rock music, oldies, many ID's. (DS-DE)
 1590 *WJSD TN JONESHORO - 12/10 0131-0201 ET w/TT, ID. (ERC-MA)
 *UNID 11/27 0128-0137 ET w/TT, strong w/no ID's noted. (ERC-MA)

1590 KYDE AR PINE BLUFF - 12/2 0557-0630 good w/s/on w/America the Beautiful, IDs, news, weather, never heard prior to power increase w/KEND. (JFH-OK)... 12/9 0557 s/on w/America the Beautiful, now fulltime. (JS-OH)...12/18 0059 good w/B/Sol music, s/off w/America the Beautiful. (JM-PA)
 UNID 12/30 0059 America the Beautiful noted in WARR null, no ID's prior, KYDE? (DS-DE)
 THE GREAT CHICAGO ADVANTAGE
 (Or it's nice to have WIND=560 off for a couple of days!)
 560 WIND IL CHICAGO - S/off 1400 12/12 as a Westinghouse station, returned 12/16 w/pop type Spanish format, 'La Tremenda' ID's. (KO-IL, KDP-IL, WPP-IN, BM-WI)
 WFRB MD FROSTBURG - 12/12 1628-1641 poor/fair w/CW music, News, ads. (WPP-IN)... 12/12 1749 strong w/ads, s/off evidently 1900, what kind of sked is this for a daytimer? (BM-WI) A good one! (DS)
 WHBQ TN MEMPHIS - 12/12 1720 tele-talk, called and mentioned WIND being off, said would then take collect calls from outside normal listening area. (BM-WI)...12/13 0457-0502 good w/talk, o/UNID, likely KTWO. (WPP-IN)
 KWTO MO SPRINGFIELD - 12/12 1819-1842 fair w/ads, ID, news, o/KLZ. (KDP-IL)... 12/12 1706 w/local news, ID. (BM-WI)...12/13 1735-1745 SW MO mention, weather, contest info, rarely heard. (KO-IL)
 WQAM FL MIAMI - 12/13 0010 fair w/CW music, promo. (KDP-IL)...12/15 2200 ID dual w/Ft Lauderdale, NBC news. (BM-WI)...12/13 0047 fair w/talk show, no sign of WHBQ/WIS. (KO-IL)
 KLVI TX BEAUMONT - 12/15 2230 w/ID, CW music. (BM-WI)...12/12 regular in 1800-2300 hour period, CW music, good. (KO-IL)
 CFOS ON OWEN SOUND - 12/12 1823 poor w/ads, weather. (BM-WI)...12/14 0705 w/area news, weather, ID. (KO-IL)
 WNIK KY MIDDLEBORO - 12/14 0710 w/CFOS mullied, news, weather, ID. (KO-IL)... 12/130711 ads, ID. (BM-WI)
 KLZ CO DENVER - 12/15 0756 Weather, 56 KLZ ID's, CW music. (BM-WI)...12/14 0815 alone w/ID, CW music while looking for MT, no luck. (KO-IL)
 WNCR TN BRENTWOOD - 12/12 1647 local news, contest. (BM-WI)
 WJLS WV BECKLEY - 12/12 1709 weather, ads, contest. (BM-WI)
 WBBG MN DULUTH - 12/12 1715 w/New Sports Authority ID. (BM-WI)
 KMON MT GREAT FALLS - 12/13 0753 weather, ad, ID, called station and anc'r said that reception was 'awesome'. (BM-WI) Maybe he said 'Awe, some listen and some don't!'. (DS)
 Thanks, a few were heard w/WIND off. It's nice to have a long SP during a management changeover, which seems to be the norm these days.
 PIRATES
 1620 KOLD 12/22 2350 noted way o/beacons, steady S7 signal w/50's rock, off 0027 12/23. (JS-OH)
 SPECIALS, PART 2 (Leftovers from lat part, hi!)
 880 WMBD TN NASHVILLE - 12/4 a mystery here, loud at 1720 w/black preacher, then at 1730, anc'r breaks in w/'we must lower our power' then signal took a drastic cut, but still audible above noise. Question is, they don't have a PSSA, they aren't fulltime, aren't on a Canadian clear, what gives? S/off should have been 1730. (JS-OH)
 1270 WWES VA HOT SPRINGS - Even though this station is listed in the NRC log, is always listed on the 'unheard' list, it has been reported to be silent. Call to station revealed no answer. This may have never gotten on the air or if it did, it wasn't on long. (DS-DE)
 1330 WDLW MA WALTHAM - Now running Music Country network AN, generally given good battle by WNYM w/Spanish. (ERC-MA)
 FREQUENCY CHECK LIST UPDATE
 As Mike mentioned last week, there has been a very major change with one of the east coast monitoring services which will cause many to switch over to daytime checks and add a few new ones to the night lists. There was also a closing of one of the monitor companys in Ohio, but that involved mostly daytime checks. Until things get settled, we would appreciate any notes on checks, especially from the Midwest and West coast. And the news, when it is available, will be a surprise to all! Stay tuned!

WHO YOU GONNA CALL? DIAL-BUSTERS!!

ERC-MA/Ernest R. Cooper, Provincetown, MA/HQ180, Loop, LW, Superadio
 JM-PA/John Malicky, Pittsburgh, PA/Superadio II
 KP-WA/Keith Ferguson, Issaquah, WA/SX62, LW
 ML-PA/MarshallLillie, Erie, PA
 WPF-IN/Wendall Ford, Westville, IN/Fisher AM/FM Stereo
 KO-IL/Ken Onyschuk, Oak Lawn, IL/Superadio
 RGGG-PQ/Andy Rugg (on the road), Nans Island, PQ/Delco Car Radio
 LM-NY/Laura McCusker, Kingston, NY/Superadios
 KDF-IL/Karl Forth, Chicago, IL/HQ160, ICR 70
 WPT-DC/Bill Townshend, Washington, DC/Portavision, DX160
 JS-OH/Jerry Starr, Hubbard, OH/HQ180, Loop, LW
 RAD-PA/Richard D'Angelo, Wyomissing, PA
 JFH-OK/John Herman, Vinita, OK/R388, Radio West Loop
 KG-PA/Kermit Geary, Walnutport, PA/R389, HQ180, Loop, LW
 ED-NC/Ed Mitkus, Zionville, NC/RP2600, LW
 DV-NY/Don Voorhies, Oswego, NY/DX300, LW
 NJW-MB/Niel Wolfish, Winnipeg, MB/Superadio, DX400
 WCM-ND/William C. Moser, Wishek, ND/Zenith K731, Loop, Car Radio
 MD-MA/Marc DeLorenzo, Holliston, MA/HQ1800, Phased LW's
 TF-CT/Tony Fitzherbert, Fairfield, CT/ICFS5W
 MC-ON/Marshall Cubitt, Smith Falls, ON
 REW-HI/Richard Wood, Hilo, HI/R71A, Beverages w/phasing unit
 BM-WI/Bob Mielcarek, Milwaukee, WI/R70, Kolwalski Loop
 DS-DE/yer editor/Superadio, HQ180, Loop, LW

What happened last week? Our trusty TRS80 ate up about 3 pages worth of stuff due to a problem in the disc drive. So rather than redo all of it, I combined it with all of the stuff prior to Christmas and this is everything up til 12/30. PLEASE, again I must remind a few again, use only ONE SIDE OF THE PAPER! When I cut your contributions down into strips, one side is lost. Also, if I told you what I think of SINPO codes, I'd likely get arrested, they are something else you don't need to apply to AM DX'ing.

And don't call me Chuck.... Til next week, 73's & Good DX!

Call sign assignments

In another public notice, the commission has clarified its procedures with respect to requests for using a call sign that has been relinquished by another station.

Under Section 73.3550 of the rules, call signs are awarded on a first-come, first-served basis. When requests to change call signs are pending, the relinquished call sign is not available to others until the effective date of the change. Effective dates for call sign changes are specified in public notices, released by the FCC once a week. Before the effective date, applications for relinquished call signs are not accepted. Also, agreements between licensees as to call sign changes will not determine the award of any call sign to be relinquished.

Other rules governing call sign assignments are:

- Requests for new or modified call sign assignments are made by a letter to the FCC. There no longer is any requirement for applicants to notify other stations in their service areas.
- In situations where more than one request for the same call sign is received on the same day, the assignment is made to the station having the longest continuous record of broadcast operations under substantially unchanged ownership and control.
- Stations in different broadcast services (AM, FM or TV) that are under common control may request that their call signs be conforming by the assignment of the same basic call sign, but with a suffix for FM and TV calls. More than 50% common ownership constitutes common control for purposes of the rule.

• Call signs may be applied for by an applicant for transfer or assignment of any outstanding construction permit or license at the time the assignment or transfer application is filed, or at any time thereafter. However, no call sign change will be made effective until the sale application is approved by the FCC and the transaction is consummated.

Chief offers some fresh ideas for AM

By Harry C. Martin

Jim McKinney, chief of the FCC's Mass Media Bureau, has suggested that the commission take a fresh look at its regulatory scheme for AM radio. McKinney has asked his staff to turn its attention to the present state of the AM band and to report on options for future rulemakings that could help to revitalize the service. Among the options being considered are:

- Allowing AM stations to duplicate FM programming in all markets where AM and FM stations are co-owned. McKinney believes struggling AM stations would remain viable if production costs could be curtailed through simulcasting.
- Deleting the duopoly rule as it applies to AM. McKinney said that AM's unique role has been to provide regional, rather than local, service and that the duopoly rule stifles that potential.

• Permitting the use of synchronous transmitters. McKinney envisions the placement of several AM transmitters along a narrow corridor (such as a 200-mile stretch of interstate highway) to provide the traveling public with continuous news, entertainment and travelers' information on a single frequency.

• Reconsidering the role of clear channels. McKinney believes the commission should consider alternatives such as providing for a small number of superpower AM stations capable of serving large portions of the country.

• Restricting AM bandwidth at night to reduce adjacent channel interference.

• Limiting RF noise being generated by non-broadcasting devices.

These are suggestions only. Rule changes generally may be accomplished only after a rulemaking notice is adopted by the commission and comments from the public are taken into account.



500 LINE BROADCASTING CO. LTD.
 Box 340 Weyburn S4H 2K2 842-4666
 Box 1280 Estevan S4A 2H8 634-7224
 SASKATCHEWAN, CANADA
 Telex—071-2816 (Weyburn)

INTERNATIONAL DX DIGEST 11

Chuck Hutton, 437 Hardendorf Ave., Atlanta, GA 30307

Times are GMT

For ELT subtract 5 hours.

Deadline: Monday

Just Brian Vernon's stuff this time around.... By the way, Brian is famous throughout his native England these days. His catch of Radio Newcastle was reported in the "Northern Echo", "Newcastle Journal" and "Daily Express". We expect international fame for Mr. Vernon shortly.

- 155 USSR Khabarovsk 12/12 1158 male w/talk, poor, Program One.
- 164 FRANCE Allouis 12/10 0503 male with talk, International network, good signal.
- 164 UNID 12/12 1200 pips, woman anncr, 1200 1/2 news sounder, news, // 182 Program One, same program till fade at 1220. Not sure if this is Kyzyl listed with local program in WRTH, a relay in Mongolia or what?
- 173 USSR Yakutsk 12/7 1546 opera type mx, poor.
- 173 USSR Syktyvkar et al 12/10 0506 male anncr // 236, 263.
- 182 USSR Petropavlovsk 12/12 1058 male with talk, even went over the hour, possibly a local program, good signal.
- 191 USSR Blagoveshchensk 12/7 1546-1559 pop type mx, Program Two, 1559 Mayak IS, xint sig.
- 200 ENGLAND BBC Droitwich 12/10 0638 woman w/nx, poor signal, 0723 two males reading listener's letters, local like signal, never noted here so strong, all Radio Four.
- 209 ICELAND Vatnsendi 12/10 0729 Everly Brothers mx, 0730 woman anncr, good signal, short time.
- 218 MONACO RMC Roumoules 12/10 0631 two male anncrs, FF talk, good signal u/beacons. Norway has not been noted on here yet.
- 227 POLAND Konstantynow 12/9 0128 male singer, about the best TA now on LW.
- 236 USSR Arkhangelsk 12/9 0202 USSR anthem, Program One noted // 173, 263, 801.
- 263 USSR Moscow 12/9 0216 male w/piano, possibly an exercise program, who would get up at 0516 AM local time for this? (Inmates at an asylum or possibly DX'ers-Chuck). Parallel 801 with Program One.
- 272 UNID 12/9 0119 woman anncr, poor signal, not // 1521 Czech.
- 630 NORWAY More OG Romsdal 12/9 0603 male with talk, probably news, 0613 talk to a male via mobile phone, local program.
- 710 UNID 12/6 SS stn, male with nx, 0715 news ounder and "Canton Radio" or similar sounding ID, into CA or SA mx, male anncr, fair signal to 0744, no other ID noted or city names. Ideas? (Yeah, send me a tape...Chuck)
- 720 USSR Yuzhno-Sakhalinsk 12/8 1810 mx from Swan Lake, tinny audio, // 936 Program Two.
- 765 UNID 12/13 1710 male w/unid talk, heard this a number of times but never strong enough to ID.
- 801 USSR Leningrad 12/10 0315 male anncr, seemed to mention Leningrad Institute, probably went on to talk about courses there, poor-fair signal, all RR, local pgn.
- 810 GREENLAND Upernavik 12/10 1511 jazz mx // 900, is here not on 850 as mentioned on MW Circle.
- 873 USSR Mezen et al 12/15 1828 ballet type mx, probably Program Three, good signal, like a local stn here now.
- 882t USSR Kirghizian SSR Naryn 12/8 1717 red army type choir, fair signal, no MW //.
- 900 USSR Kazakhstan SSR Alma Ata, Foreign Service 12/8 1659 noted w/Peace and Progress IS, followed by CC talk at 1700.
- 900 USSR Yoshkar-Ola 12/9 1729 very weak IS noted u/jumble.
- 900 ITALY RAI Milan 12/9 0112 classical mx // 846, good signal.
- 936t USSR Kazakhstan SSR Karaganda/Fort Shevchenko 12/8 1731 male with talk o/piano mx, was // Program Two, 12/15 1828 band mx, 1829 Mayak IS, good signal.
- 954 UNID 12/15 1727-1737 AA type lingo, noted w/AA type mx 1739 then reception lost. Noted at 1800 w/swing band "Chinese Shuffle" mx, 1805 EE rr mx. Turkey not noted on 1017 or 1062, real puzzle.
- 1035 USSR Estonian SSR Tallinn 12/9 0227 IS, 0230 USSR and Estonian anthems, 0236 woman anncr, good signal.
- 1134 INDIA AIR Calcutta 12/13 1731 woman anncr, didn't seem like EE as in past years, noted w/good signal at 1745 but Alaska-1140 splash, still made its yearly visit like an old friend.
- 1197t IRAQ Nineva 12/15 1658 male AA type talk, 1659 mx, 1700 male briefly then lost, was mixing w/probable VOA-Germany, electronic type jammer noted here and also on 1224 and 1332.

- 1219a UNID 12/15 1749-1759 continuous talk by male announcer, AA type, big carrier, audio not good quality, brief mx, 1759, may have moved to avoid 1224 jam?
- 1278 FRANCE R. Alsace, Strasbourg 12/9 0624-0627 noted w/number of announcers, good signal briefly.
- 1332 USSR Estonian SSR Voru et al, 12/14 1729 noted w/local IS, poor sig.
- 1360t IRAQ Kirkuk 12/15 1714 AA type mx, but had a kind of repetitive tune, thought this was odd programming for AFRN which gave it some QRM later, so is on 1360.
- 1413 QMAN BBC Masirah Island 12/15 1704 male w/BBC mx, good signal.
- 1422 USSR Latvian SSR Valmiera 12/15 1819 light classical mx, woman announcer, clear audio though weak, // 1350.
- 1440 SAUDI ARABIA Ras-as-Zawr 12/15 1704 male announcer, xint sig.
- 1449 USSR unid 12/5 0549 Russian type mx, guitar singing etc., good signal to 0559, Mayak IS, am beginning to enjoy this music now comrade Chuck. (So just swim across the Bering Strait some day and start your new life, hi-Chuck)
- 1481 UNITED ARAB EMIRATES Dubai 12/15 1747 AA vocals, xint signal.

Brain Vermin-Elsa, Yukon Terror.

Radio Shack Petttable Portable AM radio

\$50.00 NAB EXPERIMENT**New Antenna Designs Offer Hope For Improved AM Sound**

NAB is undertaking a \$50,000 test of two new AM antenna designs which, in theory, will redirect largely use-less skywave signals to improve an AM's groundwave signal and coverage area, especially at night. If the innovations work, AMs could adapt their existing antenna systems at an estimated cost of \$10-15,000.

NAB staff engineer Mike Rau says the experiment marks the first major attempt since the 1930s to improve AM antenna theory and technology. He cautioned, "No one is guaranteeing success with these antennas, but we think the prospects are good enough to spend \$50,000 of NAB's money to test them."

Within the next few weeks, NAB expects to finalize the lease of a 20 to 30-acre farm site in Loudon County, VA near Washington, DC. A 250-foot AM tower will be built on the site, and experimental authorization will be sought from the FCC to operate with 1 kw at 1605 kHz, just above the commercial AM band.

Deflecting Skywave Radiation

The new designs to be tested were developed by Rosslyn, VA consulting engineer Dick Biby, and engineer Ogden Prestholdt of the Washington firm A.D. Ring & Associates. According to Rau, by adding several new horizontal and diagonal elements to an AM antenna, the designs should "take energy lost to the sky and redirect it to the ground where it will do some good."

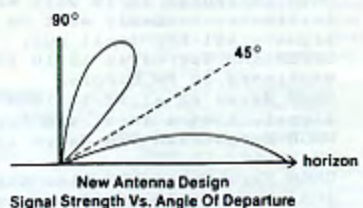
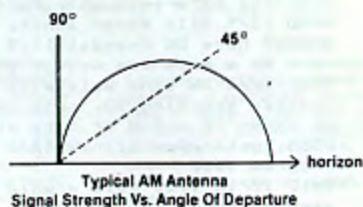
Anticipated benefits include greatly improving the overall sound of AM stations, overcoming noise levels, extending coverage areas, and reducing bothersome nighttime skywave interference.

Testing Starts In Fall 1986

Rau expects the test antenna to be operational by next September, when a full year of experiments will begin. As part of the test, station engineers within 1000 miles of Washington, DC will be asked to take signal strength measurements on 1605 kHz. Presuming the experiment works, NAB will include those readings in a rulemaking petition asking the FCC to approve use of the new designs.

NAB President Eddie Fritts first announced the project in a speech two weeks ago to the Federal Communications Bar Association (FCBA) in Washington. "We will soon join with others to build our own AM transmitter site to experiment and test new AM antennas which will make a significant improvement in AM coverage and quality," said Fritts.

"Some have said that AM radio needs attention from the programming side," he added. "Frankly, I think the technical aspects need our attention first."

**Figure 1
Basic Concept**

Compare: Signal strength at horizon; signal strength at 45°.
Note increase at horizon and decrease at 45°.

65 GKOM

Broadcast House 3333-8th St. East, P.O. Box 65000, Saskatoon, Sask. S7H 0W3



Joey Neely watches as his grandmother, Edna Lanier, listens to his truck. Dispatch photo by Jeff Henckley

Boy never knows what his toy truck will say next

By Rosemary Kubera
Dispatch Staff Reporter

When Joey Neely, 4, revs up his Sears 4 X 4 Ranger truck, he can feel like a real trucker, complete with radio chatter.

Joey, who lives on the West Side, thinks a lot. Joey "talks" to him from inside his toy truck. But often the voices of adults call out, "Hey, man," — and a few other things.

The voices sometimes mumble, but Joey's mother once clearly heard a profanity coming from the shiny, blue truck.

Joey, his mother, Rhonda, 21, and his grandparents, Richard and Edna Lanier, live together near I-70. The adults said the truck is picking up citizens band radio conversations from passing motorists or aircraft radio communication.

MANY MODERN toys have synthetic voices. This one, however, was not built to talk. It has an antenna and is supposed to be operated by remote control.

The toy truck was dunked in the family pool last summer. After that, it lost its remote control capability and, about four weeks ago, started to talk.

The family first thought Joey was pretending, because he had the truck several months and the voices started only weeks ago. They paid scant attention to it until last week, when Mrs. Lanier, 42, heard it.

She was drinking coffee at 6 a.m. last Wednesday, sitting in her living room.

"I thought, 'Well, I hear voices.' And I thought that Joey left the stereo on," she said. She determined it was not radio, record player or neighborhood noise.

"I said, 'I know I hear these voices. They've got to be coming from somewhere.'"

She noticed a red light shining on Joey's truck, signaling the battery was working. She switched it off, and the voices disappeared.

Sometimes, the voices are so soft that listeners must put their ears to the truck to hear. Other times, voices boom out loud and clear. One voice recently asked for information about Columbus.

Joey takes the talking truck in stride. It does not surprise or frighten him. When a reporter said it was "neat," Joey said, "I know it!"

A REPORTER heard faint, garbled talk from the truck.

Mrs. Lanier said the toy is Joey's favorite. He puts canned food, his dog's ball and other things in the back and drives them around.

She worries about the broadcast of occasional profanity. "We frown on words like that," she said.

But she added, "I really don't think that right now he will listen to it that closely."

STATION PROFILE

Tony Fitzherbert, 356 Jackman Avenue, Fairfield, CT 06430

STATION PROFILE: A TALE OF TWELVE TOWERS....or "What won't some people do to get on the air".



Here is the WCZY-1500AM antenna farm. The picture was taken from the porch of a construction trailer, which is the only place where the entire array could be squeezed into one picture, without shooting into the sun or getting arrested for trespassing. This installation is in Lincoln Park, a southern suburb of Detroit. (Tony Fitzherbert photo.)

A Profile of WCZY - 1500, Detroit

Mototists driving up Interstate 75 from Toledo to Detroit are often puzzled by an area landmark, twelve red and white towers, which make up the antenna farm of WCZY Radio, 1500 kh. This array is the first of only three twelve tower installations operated by United States medium wave broadcasters.

However, neither the station's call nor the array are part of the station's beginnings. 1500 first went on the air in 1938 as WJBK, with studios in downtown Detroit, and a 100 watt signal emitting from a rooftop antenna. As the station has changed owners and management teams, as well as locations several times, much of the WJBK history is unavailable, and, perhaps, lost forever.

WJBK management decided to improve Detroit coverage by increasing power to 10kw/1kw full time, but the FCC mandated that a construction permit would not be granted until specifications included ample protection for 50,000 watt WTOP, Washington, D.C., and KSTP, St. Paul. Thus, the CP was issued when plans were submitted for an eight tower antenna system. Land was purchased off Dix Highway, in Lincoln Park, about twelve miles south of Detroit, adjacent to a Detroit Water Department pumping station. With the towers erected, WJBK went to 10kw in 1956. The studios were moved to an office complex at 21700 Northwest Highway in suburban Southfield.

WJBK then decided, and legend has it, motivated by a bet with other area broadcasters that it could not be done, to operate a third 50,000 watt station in Detroit. WJR - 760kh, non directional clear channel, and WCAR - 1130, with a reduced 10kw night signal from its

complex directional antenna farm were the two existing 50kw stations in the Motor City. So, by 1962, four more towers were erected, and WJBK indeed became a 50,000 station, with 10kw operation at night, using nine towers for the day signal, and all twelve towers for the night pattern. At this time, the station was airing rock music.

In 1967, WJBK was sold, and the new owners applied for the call WDEE. The "Big D" broadcast modern country music for much of its existence, with brief flirtations with rock and motown formats.

Gannett Broadcasting has owned the station for the past six years. In the quest to make its giant acquisition a profit center, Gannett management decided to go to a religion format, with much of the time brokred to preachers. The call letters were changed to WLQV, for "Love of Detroit". WLQV was somewhat of an anomaly among religious broadcasters, as it featured contests and gave away cash among the contemporary gospel records, and stressed the personalities of its DJ's. The most popular show was the "Gospel According to Paul", with Paul Nicholas spinning contemporary Chris'ian music. No listeners are on record as denouncing the contests as satanic...or going against the Lord's will.

The Gospel programming was dropped because of competition from upbeat Black and Gospel WCHB, 1440*Inkster, WQBK, 1400, the self-proclaimed voice of Detroit's Black community, WEXL, 1340, and WCAR, 1090, covering the western suburbs.

WLQV had moved from the Northwest Highway facility into Gannett's modern WCZY-FM studio building at 1540 West Ten Mile Road, high on a plateau, adjacent to the FM transmitter. This location is ten miles North of Detroit, and 20 miles from the AM array. WCZY has an AM studio, among all of the FM facilities. WCZY-FM, "Z95", has been in the Top Ten of Detroit, with its CHR format, and personality DJ's. When the Gospel was dropped, WLQV's call went with the format, and on June 17, 1985, 1500 became WCZY-AM, simulcasting with the FM, by special FCC authorization. The T40-CHR format is live assisted by Dick Puritan, ex-of CKLW, and other noted rock DJ's, much to the delight of "AM1500 and Z95.5" listeners.

The AM transmitter site is attended, although WCZY has submitted the parameters for remote control operation to the FCC.

The day transmitter is an RCA - BTA 50kw model, and, currently, the night transmitter is a Harris MW5. A Gates BTIC-1 serves as a backup unit.

Surrounding the transmitter building are the station's twelve uniformly tapered towers, each 3/8 of a wave length or 256 feet high, arranged in a 3 by 4 parallelogram. Each tower has an elevated ground screen, and a single level of guy wires. For daytime operation, three towers are detuned, leaving a 3 by 3 parallelogram of active towers. The night operation's parameters for antenna current ratios and phasing, approximately 1/12 of those for conventional commercial arrays, make the antenna system one of the most critical in the country. The ground system requires a wire every degree apart from the base of each tower, involving as many as 4520 copper wires.

Over the years, much trouble was experienced with the 10kw night operation, so the station operates on 5kw at night. The primary signal covers an area from Toledo up to Bad Ax in eastern Michigan, to Sault Ste Marie, down to Bay City and Flint. The secondary signal goes hundreds of miles further, north, so that the pattern looks, on paper, like a giant, long footprint. The furthest DX report on record at the station is a tape, of a fuzzy signal, from JAPAN!

WCZY's array is but one of three in the United States. In Dallas, KLIP-1190 sends its 5kw night signal westward from an immense antenna farm of two rows of six towers each. This installation is over a half mile long, and KLIP uses a separate site for its day signal. In Aurora, Colorado, KLSZ, 1090 sends its 1kw signal northward (up Grant Avenue, a main thoroughfare, according to a prominent CE at another station), from a twelve tower site. 1090, Aurora has never been a resounding success, in part due to the limited signal...having changed formats and calls frequently, in the past, from religion to big band, to CHR.

Because of its location, and need to protect other regional, or clear channel stations, several of the US and Canadian Broadcasters in the Metro Detroit area have been obligated to build extensive antenna systems. WCZY maintains the most complex system, but there are other unique operations.

WHCB-1440, a Black-oriented station, featuring rock music, and some of the best Gospel music programs in the country, has an eleven tower array scattered across a pasture directly behind its studio building. This station is licensed to Inkster, a town originally

established by Henry Ford for his Black assembly line workers. Today, it is a very well kept ethnically mixed community. The station is located on rural Henry Ruff Road in Romulus, where eight of its very short towers are used for the day signal, and another combination of eight are used at night. The station is very close to the runways of Detroit Metropolitan Airport, thus the height restrictions on the towers.

Up the road from Inkster, in Garden City is found the ten tower array for tiny WCAR-1090. Licensed to Livonia, the ethnic-talk-religion formatted outlet broadcasts daily from 6:00AM to 11:00PM, from its modern little studio building. The station ID's for "Livonia-Detroit", although the signal does not reach many areas of the latter. Directly behind the studios are four 283 foot towers for the day 250 watt signal and six 209 foot towers for the night 500 watt pattern. The two patterns go in very different directions. Livonia and Garden City are working class suburbs west of Detroit. The station has changed hands several times, and was once WIDD.

WAAM-1600 in nearby Ann Arbor operates with seven towers, and over in Sarnia, Ontario, CKJD-1110, with a 10kw/1kw U-4 pattern, has an eleven tower antenna farm some distance south of Sarnia. Even little 500 watt WHND-560, Monroe uses four towers for its daytime signal (there is no fulltime operation), and WNIC (Detroit's Nicest Rock") in Dearborn, at 1310 kh, uses a 6 tower trapezoid, adjacent to Interstate 94, to push its night signal north.

Finally, WCXI-113- operates from a nine tower array (3 rows of 3) from a site just south of Trenton. This transmitter it remotely controlled from studios just north of Detroit. The station must protect WNEW, New York, WKRH, Shreveport, plus highly directional WISN, Milwaukee and WGGY, Minneapolis, each with similar nine tower arrays.

One can only conjecture how long WCZY-1500 will simulcast with its successful FM, before it has to carry its own programming. Interestingly, stations that are required to be highly directional have a very difficult time selling time, in the face of competition with fewer engineering restrictions. Very few highly directional stations have had an easy time realizing a profit, and maintaining black ink. These stations have had a very challenging time succeeding as broadcasters with engineering and sales challenges, coupled with the ever changing tastes of the market and the increased popularity of FM.

The Editor thanks Jerry Zack, WCZY Technician, and Paul Goodpastor, transmitter attendant for their help in preparing this profile. Much appreciation also goes to NRC'ers Al Tobias and Fred Vobbe for additional information, as well as to Julien Wolfe and Bob Campbell of Detroit and Windsor for help in providing information for this article.

-18-

A 29-YEAR-OLD TAMPA, FLORIDA, MAILMAN WAS THE ECSTATIC WINNER OF A 30-THOUSAND DOLLAR CORVETTE AUTOMOBILE TODAY... BUT FOR JUST A FEW HOURS. THE OPERATIONS MANAGER AT A RADIO STATION (W-R-B-Q)... WHICH IS GIVING AWAY THE CAR... HAD TO TELL GREGG JORISSEN HE'D LOST A CONTEST AFTER A WRONG GUESS AT WHERE THE CAR'S KEYS WERE HIDDEN. A HASTY D-J EARLIER TOLD JORISSEN HE'D CORRECTLY PINPOINTED THE SPOT.

UPI 12-18-85 06:40 PES

Indianapolis via Wendell Ford Westville, Indiana

-18-

A DISC JOCKEY IN DAVENTON, IOWA, WAS SUSPENDED UNTIL FRIDAY FOR PLAYING THE SAME CHRISTMAS SONG 27 CONSECUTIVE TIMES DURING HIS MORNING SHIFT YESTERDAY. A SPOKESMAN FOR F-M STATION K-L-L-R SAYS JACK DANIELS REFUSED TO STOP PLAYING THE SONG "GRANDMA GOT RUN OVER BY A REINDEER" AND HAD TO BE FORCED OFF THE AIR. DANIELS SAYS HE PLAYED THE SONG TO EASE HIS "USUAL CHRISTMAS DEPRESSION."

UPI 12-18-85 05:43 PES

Indianapolis via Wendell Ford Westville, Indiana

By Commission Report and Order dated April 24, 1985, changes were made in the FCC rules which eliminated the requirement that AM stations file for facilities using power levels at a limited number of discrete values (eg: 0.25kw, 1.0kw, 5.0kw etc). These modifications were intended to provide greater flexibility for AM applicants. However, details regarding implementation of certain provisions of the new rules need to be further addressed.

Under the new rules, a single value will be designated for the nominal power and the antenna input power (excluding the directional antenna supplement allowed under Section 73.51 (b)(1) and (b)(2)). In the past, a radiation value less than the theoretically predicted amount could be achieved by applying a power level less than the nominal value to the antenna to provide compensation and both the nominal and the antenna input powers would be licensed. With the removal of the discrete power level requirement, the power actually delivered to the antenna becomes the licensed nominal power, barring the above-mentioned exclusion. Several examples of how the application process will operate under these new rules are discussed below.

Consider first, applications which propose non-directional antennas. In the case of a new station, the power will be directly derived from the proposed radiation from that allocation. The radiation will be first extracted from Figure 8 of Section 73.190 of the FCC Rules (based upon antenna height and ground system), and then, that value adjusted by the square root of the proposed power to produce the proposed radiation. Alternatively, the proposed power will be derived from the square of the ratio of the proposed radiation to the Figure 8 predicted value. For an existing station proposing a change of facilities, these same methods apply. This is a departure from the former treatment where if, for instance, an AM antenna height was being increased to accommodate an FM antenna and the AM radiation was to be maintained at the licensed value, then the station would retain its nominal power but reduce its antenna input power and would be licensed with a restricted radiation. Under the new rules, restricted radiations are being eliminated as they are encountered in formal applications that propose changes in the antenna systems. Thus, any such applications must specify the actual power to be applied to the antenna and the end result will be a licensed operation with an apparent power restriction but, in reality, coverage and radiation equivalent to the previous operation.

For directional operations involving a new station or a proposal utilizing a new antenna system (in particular, site relocations), the provisions of Section 73.150 (b)(1)(i) shall be observed and the pattern RMS shall be developed using an assumed loss of one ohm per tower and the power adjusted to meet that RMS value. Patterns proposed under these circumstances that do not meet this criterion will result in a request to the applicant for a corrective amendment.

Directional applications that propose only slight modifications of existing arrays may have a sufficient history of antenna performance and measurement data which can, in many cases, be used to demonstrate whether a particular system operates with an inherently greater loss than the one ohm method may approximate. For these specific systems, when the application proposes to modify only the theoretical parameters of the existing operation and leaves the overall system geometry unchanged, exemption from the RMS/power relationship based upon one ohm loss can be entertained. Should it become apparent after filing of the license application that a reduction of the input power is necessary to meet the pattern requirements, then that new power level will become the licensed power and any reference to the old nominal power will be deleted.

Additionally, there may be situations where a newly-constructed directional antenna has been completed, and a license application has been submitted and it is demonstrated, based upon proof data, that the antenna system, due to its intrinsic shortcomings, does not perform to the level expected by use of the one ohm per tower loss assumption. In such cases, an upward power adjustment can be affected at the time

of license application. Such adjustment is to be made based upon a direct mathematical escalation applied to the measured values of inverse distance field while providing assurance that no adjusted value in any direction shall exceed the authorized standard pattern limitation. Requests for augmentation of the standard pattern to accommodate additional expansion once the requirements of Section 73.151 (a) [regarding minimum RMS (95%)] have been met will be categorically denied. In no event will a power adjustment be allowed that would result in a power level in excess of the maximum value specified for that class of station. Upon Commission approval of the adjusted power, such value will become the licensed value and appropriate domestic and international notification procedures and data base updating will be initiated by the FCC staff. Also, at such time, the new power will be placed on FCC Public Notice. In most cases, the increase of power would normally affect the calculation of the standard pattern 'Q' factor as defined by Section 73.150 (a)(1)(i) of the FCC Rules. However, since the purpose of the power adjustment is to allow for the actual performance of a constructed antenna system within the constraints of the proposed pattern, the original array design parameters should not require reconsideration. Therefore, the value of 'Q' as authorized under the construction permit will be retained and will subsequently be carried on the station license along with the modified value of nominal power. Similarly, this unchanged, but now non-standard, 'Q' value will undergo the proper international notification and database updating processes.

Therefore, with the preponderant consideration given under the new Rules to the pattern RMS values and radiation efficiencies and their relationship to expected coverage area, no loss of service should be experienced, even though unfamiliar power levels begin to appear upon station licenses.

Related to the methods described within this Notice, examples are presented which depict some of the more frequently experienced applicational scenarios. These examples follow.

EXAMPLES

SITUATION 1: An existing non-directional station with a nominal power of 5 kilowatts, an antenna input power of 5 kilowatts and an effective field of 300 mV/m/kW at one kilometer increases its antenna height while restricting radiation to the present value instead of achieving an effective field of 325 mV/m/kW at one kilometer for the new height. When the CP is issued, the nominal and antenna input power will be 4.3 kilowatts. [(300/325) squared x 5]

SITUATION 2: A permittee for a new directional station with a nominal power of 5 kilowatts, a standard RMS of 700 mV/m at one kilometer and a Q of 25.0 mV/m at one kilometer determines via the proof of performance that the measured RMS is actually 800 mV/m at one kilometer. When the covering license is issued, the nominal power will be 3.8 kilowatts, the antenna input power will be 4.1 kilowatts, the standard RMS will remain at 700 mV/m and the Q will remain at 25.0 mV/m. [(700/800) squared x 5 with an 8 per cent adjustment pursuant to section 73.51 (b)(2) of the Rules].

SITUATION 3: A permittee for a new Class II directional station with a nominal power of 5 kilowatts, a standard RMS of 7510 mV/m at one kilometer and a Q of 25.0 mV/m at one kilometer determines, via the proof of performance, that the measured RMS is actually 830 mV/m at one kilometer. When the covering license is issued, the nominal power will be 7.1 kilowatts, the standard RMS will remain at 750 mV/m and the Q will remain at 25.0 mV/m. [(750/830) squared x 5 with a 3.3 per cent adjustment pursuant to Section 73.51 (b)(2) of the Rules].

SITUATION 4: A permittee for a new Class III directional station with a nominal power of 5 kilowatts, a standard RMS of 750 mV/m at one kilometer and a Q of 25.0 mV/m at one kilometer determines, via the proof of performance, that the measured RMS is actually 830 mV/m at one kilometer. The permittee must apply for a modification of construction permit to reduce the standard RMS to 830 mV/m so that the power to be authorized does not exceed 5 kilowatts.

VERIFICATION SIGNERS

Wayne Heinen, 4131 S. Andes Way, Aurora, CO 80013

Catch "AM Interlude" on HCJB Saturday nights.

540 CJSB1	Brenda Gauthier	DW	1420 WIMS1	T.Charles Smith ACE	JM
550 KFYRcbh	Herb Leupp CE	JM	1420 WACK1b	Ted Berdot PD	JM
560 KLV11	Patrick Parks Adp	PT	1420 WTGE1	Dennis Murray CE	JF
580 CKY1bz	G. Buzonis CE	JW	1440 WCDL1b	Bob Graham CE	JM
590 WARM1q	Gary D. Sharpe EM	JM	1450 KBB51	R.P.Burger E	WM
600 WICQamb	Lon Ludovici CE	JM	1450 KGGF1b	Michael Askins CDp	JW
600 K11X1	Jim Lastraglio CE	JC	1460 CUMHF	Joel Simmons E	WM
610 WSLC1mz	Donald C. Morehead UP/	JM	1490 WBTAM	William F.Brown Jr. GM	JM
610 KRKEq	William Pau CE	JC	1490 KOTY1z	U/U CE	JW
640 KGMWf	Dale A Heidner CE	WM	1490 KGO5r	William L.Law GM	WM
640 WMLS1m	Jay Sanders PD	JF	1500 WGMHF1b	Tom Height PD	JM
710 WFNH1	Bob Denham CE/OpM	JS	1510 WLACq	Walt Hairston CE	PT
770 KATL1bz	David W. Stephen	JW	1510 WMR6f	Grady Moates CE	JF
780 WAB51	Steven R.Cross GM	JS	1530 WVFC1b	J.B.Nelson PD	JM
820 CHAM1b	Ron Meuser TD	JM/	1540 WABK1mz	Robert J.Sullivan NxD	JM
820 WOSUe	Larry Reynolds	DW	1540 WBCO1	Daniel T. Dillon CE	JF
830 WLND1m	Sharon Hoffman Secy	JF	1540 WADK1	Robert J.Sullivan NxD	JS
850 WEEU1bmz	Dick Schilpp UP/GM	JM	1550 WYU0vm	U/U	JF
880 CKLQf	Jorj Hyde E	WH	1560 WK101	Bill Donovan PD	JF
890 KDXU1bh	Ric Stratton APD	JW	1560 WBCK1	Ken Kraus	DM
890 KOLX1m	Michael D. Ray GM/PO	WH	1590 WGNB1	John Dotas GM	JF
920 KARN1	Donald E. Meridith CE	JW	1590 KN1X1	Mike Halo CE	JC
920 KKLS1	Scott Greeley APD	JC	1590 KPIK1	Jessica Christman APD	JC/
930 KDGA1	Robert E.Cook CD	WM	1590 WGG0f	John R. Newman P/CE	JF
940 KBRE1f	Jon C.Hunter M	WM	1590 WQ10f	Dave Schmidt CE (NRC)	JF
970 WDAY1	Roger Greenley GM	JW	1590 WTVB1m	Gary B.Hallernee P/GM	JF
980 KCAB1	Paul Coates GM	PT			
990 WJEH1	William J. Gray GM	JM			
1000 KHXK1f	Dwight H.Gayer CE	JW/			
1010 KKGZ1	John Kelley PD	PT			
1010 KKGZ1	John Kelley PD	JC			
1040 WJTB1m	James Taylor P	JF			
1040 WBU1w	Kate Huckaba	JS			
1040 WJOR1	Raymond Chandler	JS			
1060 KBN1	Nelson M.Wilson GM/CE	WM			
1080 WC11fm	Bruce Clark CE	JF			
1120 WQX11	Al Parker	JF			
1120 KL1M1	Linda Hawthorne M	JC			
1130 WCV1r	Phil Rogers	DW			
1140 WCLJ1m	Lloyd B.Lane	JM			
1140 WCLW1bm	Bob Dickey PD	JM			
1140 KNABp	Bette Bailly	WM			
1140 WANK1	Richard Bassett CE	JF			
1140 WLNTf	Howard H.Oberholtzer J	JF			
1160 WCC5rh	Fred C.Sheller CE	JF			
1170 WWS1m	Andrew Bresky UP	JF			
1200 WK0Xq	John L Lorentz	JM/			
1230 KDZ1f	Norman P. Smith Jr. CE	WM			
1240 KBLL1	Kenneth A.Bussard CE	WM			
1250 KCUE1	Trent Allen OpM	WM			
1250 KNEU	Tammy Meacham PD	JC			
1260 KVSF1b	Al Gena PD/ATD	JW			
1260 KDUZ1	Darre1 Gander CE	WM			
1270 WKHG1b	U/U Eng	JF			
1280 WMTClmz	Scott D. Kramer PD	JM			
1280 WDN1bmz	Roger Bouldin OpM	JM			
1280 WPKY1	Jerry Whitney CE	JF/			
1290 WMSA1mb	Martin Foglia CE	JM			
1290 WHKY1mz	Louis G.Long M	JM			
1290 WNBFRh	Larry Hodge CE	JF			
1310 WGSA1m	John Arndt CE	JM			
1330 WLAT1	Jack E.Hawley CE	JM			
1360 WCHL1z	Henry Hinton UP/GM	JM			
1370 WK1K1f	Robert E.Johnson P	JM			
1370 WMCB1	Bruce Lewis PD	DW			
1390 KJPH1	Van Beydler	PT			
1400 WVRClmb	Larry Koenig O/E	WM			
1400 KBRB1	Randy L.Brudigan E	WM			
1410 KCOL1z	Wil Huett OpM	JC			

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- c Hand or Typewritten Post card
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- f Form Letter
- h Signer is a ham op
- l letter
- m Coverage Map
- n Non English Reply
- p Self Prepared Card
- q Pre printed OSL card
- r DX'ers report returned as the OSL
- s Record Survey
- t T-Shirt
- u Result of Follow Up report
- v personal visit
- x Vague verification
- z Assorted Promo Material

Initial	Name	Loc
PT	Phil Tallman	OK
JW	John Wilkins	CO
JC	Jackie Cole	CO
JS	Jerry Starr	OH
WM	William Hesse	ND
JM	John Malicky	PA
WM	Wayne Heinen	CO
DM	Dave Whatmou	OH
JF	Jeff Falcomu	OH

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., or its subsidiaries.

Times are local per Muse.

Warm greetings to all DX'ers! Yes, this is the issue where we find out how to keep warm during DX'ing, and I find it amusing that of the letters received this week the only one with detailed instructions is from sunny San Diego, and the rest are pretty much from colder climes ... including Norway! (No, it doesn't take much to amuse me ... a feather and molasses on both hands is usually sufficient for several hours.) #17 (deadline Jan. 17) will feature commentaries from DX'ers who use unusual antennas and/or radios ... #18 (Feb. 10) will include your DX achievements ... #19 (Feb. 17) will feature first-time Musers, no matter how long they've been members, and #20 (Feb. 7) will be turned over to NRC members of 20 or more years, continuous or not. And now, on with it!

Albert S. Lobel - P. O. Box 26762 - San Diego, CA 92126 (619) 566-0092

This is supposed to be the issue to include your thoughts on how to keep warm while DX'ing. It doesn't really get that cold in San Diego as it does in other parts of the country or up north in Canada. However, the nights do get a little chilly where I live as there's lots of canyons, and the winds do make it chilly. My wife and I like to conserve on our energy bills and keep the cost way down. We do not heat our house to more than 65 degrees in the winter months and even less late at night. Our thermostat is one of the setback type, and at approximately midnight it is set to move the temperature back to 40 degrees. When we're sleeping we just put an extra blanket on the bed or move closer to each other to keep warm. When I'm DX'ing I just dress warm and put a blanket around me before I sit down to DX. I also keep a thermos of hot tea next to me; I do not drink coffee as I don't like it. For about two weeks in January or February the temperature outside may go down to about 25 degrees but our house is very well insulated and retains the heat well. It will usually get no colder than about 37 degrees in our home. Snow is very rare in San Diego. However, it did snow a little last year. It was a Sunday afternoon and at first it was just raining. Suddenly it stopped and started snowing. The snow didn't really stick much to the ground but you could gather up enough to make a few snowballs, and the rooftops were covered with snow. About an hour later it had all melted. The temperature later that night dropped to 15 degrees, and it was still only 22 degrees by 0830 (local time) the next morning. Well, this is my last chance in '85 to say 73 and good DX in '86; so, 73 and good DX in '86! That's twice, hi!

Paul Swearingen - Canoga Park, CA

I can remember some pretty chilly DX sessions when I was about twelve years old, in an unheated bedroom. The only source of heat was from a 60-watt light bulb, and occasionally I'd dare extend my fingers from under the comforter to hold them close enough to the bulb to warm them without frying them. The last place I lived in before I left Kansas was heated strictly by a wood-burning stove two rooms away from my DX den. After I arrived home in the afternoon, I'd stoke the fire, and perhaps two hours later some heat might penetrate to the region of my HQ-180. So if I wanted to catch some SSS DX, I brought out the old heating pad, wrapped it in an old towel, and put it under my feet. Long underwear, wool socks, and sweatshirts were standard gear for wintertime sessions then. I suspect that most DX'ers would prefer to use what I'd like to call the "wine, woman, and song" method to keep warm while DX'ing ... the wine to warm his insides, the woman to cuddle up and take care of the outside, and the song (preferably from a hollow-state rx like the HQ-180) from a couple thousand miles or more away to warm his heart as he captures that elusive DX. 73.

Radio Roundup

Pete Kemp - P. O. Box 73 - Bethel, CT 06801

Greetings all ... the WFYI Report says that with the demise of Radio Laser, Radio Caroline has now moved frequency to the vacated 558 kHz position on the dial ... Bob Decker says that he will be back in the booth for the Milwaukee Braves in 1986 ... WZUU has dropped its wake-up man Larry the Legend Johnson and is simulcasting its FM sister. It is also changing its call letters to WMP and its format, too ... Pat Sheridan is moving back to WISN from WBCS ... WKAT is no longer an affiliate of the Mutual Radio Network. WICD will be picking up the Mutual Net, complete with Larry King ... The Boston Red Sox have switched from WHDH to WRKO ... WISN's Radio 11 Night Talk has been axed in favor of music ... Popular newscaster Paul Harvey has switched stations in St. Louis. He has moved from WLL to KUSA, despite a big pitch from KMOX ... Joey Reynolds' recent suspension at WFIL has become permanent ... WNYC-AM/FM/TV has moved into new facilities at the Fiorello H. LaGuardia Telecommunications Center ... The Jack Benny Program, which was a cornerstone of the CBS Radio Network from 1948-54 is being rebroadcast on WQXR, Sundays at 7:00 am ... WITX is back on full power in New Orleans. It has some antenna problems, courtesy of Hurricane Juan ... The Radio Advertising Bureau estimates that nearly \$6.5 billion was spent by advertisers in 1985 ... FCC Mass Media Bureau Chief James McKinney stated that he feels that the FCC "erred greatly" by not selecting a single standard for AM Stereo systems. Letting the marketplace decide proved to be costly and slowed the growth of this new technology ... Sonya Friedman

was replaced Tom Grant on ABC's TalkRadio ... Many sports fans like to take along an AM radio while attending games to hear the action. Houston's Astrozone has been proven to be a graveyard for AM'ers, due to its construction, so KRHH has installed a transmitter at the Astrozone to provide those in attendance with the opportunity to hear the Rockets' basketball games ... Weathercaster Carl Nichols has moved his charts from WING to WONE ... Here is an interesting one: WJLP in Indianapolis has purchased 100 spots on rival WJLT, urging listeners to change the dial when daytime WJLT signs off ... Now for the trivia addicts: although program director Rick Sklar is generally regarded as the man who put WABC on the map, Mike Joseph should get some of the credit. Mike took over the reins just after Alan Freed got the ax during the Payola Scandals. He put together the "Swinging Seven from 77". The DJ team consisted of Herb Oscar Anderson, Charlie Greer, Farrell Smith, Jack Carney, Chuck Dunaway, Scott Muni, and Bill Owens. Just before leaving, he hired Cousin Bruce Morrow, Dan Ingram, and a new sportscaster, Howard Cosell. According to David Hinkley, in an article appearing in the NY Sunday News, Mr. Joseph almost came back to WABC in 1980 to put a "Hot Hits" format in place. The concept was rejected, WABC continued to flounder in the ratings race, and the rest is history. WABC pulled the plug on music and turned on the talk May 10, 1982. I had a nice chat the other day on the amateur radio with Dick Stout KD9IV. Together with his wife, they do a morning show on WBCS-AM/FM in Milwaukee. he seemed to be interested in broadcast band DX'ing (Sign 'em up! -pls). We are going to be setting up another sked soon to continue our QSO ... So much for now.

Bob Mielczarek - 3131 S. New York - Milwaukee, WI 53207

Greetings. It's been a long time since I've contributed anything to these pages, but then it's been a long time since I've DX'ed. Checking my log I see that I hadn't heard a new station between 1-9 and 11-26. I got involved with triatlans this summer and finally have taken a break and found some time to hit the dials. I did get back in time to catch one of those once-in-a-lifetime DX events. WIND-560 Chicago was sold and signed off at 1 pm on 12-12. The new owners didn't sign on until the morning of 12-16, leaving the frequency open for 3 1/2 days. During that time I went on a DX binge, like a shark in a feeding frenzy. I was able to log 12 stations (7 new, 5 repeats). New stations included WWCN Brentwood, TN; WJEC Duluth, MN; WJEC Memphis, TN; WFBG Frostburg, MD; WLIK Middleboro, KY; KNON Great Falls, MT; WJAM Miami, FL. Relogs were KMTG Springfield, MD; WJLS Beckley, WV; CPQS Owen Sound, ON; KJZ Denver, CO; and KLVJ Beaumont, TX. Best of all, I was able to get enough for a report to every one of them. Now, all I need is some one to buy the rest of the area stations and shut them down for a few days.

G. Harley DeLeure - P. O. Box 10 - Hendricks, WV 26271-0010

First of all, I want to wish you and the entire membership of our NRC a Merry Christmas and a Happy New Year. I pray that we'll know that Christmas is the time that we celebrate the birth of Jesus Christ. And our family prays that He will bless you abundantly in 1986. (Amen! -pls) DX here has been almost nothing. On the night of November 4-5 Hendricks was hit with a most devastating flood. Half of our town went down the Black Fork River. We lost a 1931 Buobile and a 1967 Vanden Plas Princess 4 litre R (Rolls Royce). I bought the Vanden Plas new in England and courted my wife with it. We also lost buildings; however, our family is safe, and we still have the Lord. Our area was dirt poor before the flood. You can slightly imagine what things are like now. It's sad. Yesterday (12-23) I had to go to Clarksburg; and while I was there, I stopped by WGGV-1400 to pick up a "verie". The people at WKKW didn't seem to know what I was wanting. I had told them in 1984 while the station was WPKZ what "veries" were. I didn't have time to visit; therefore, I wished the three ladies in the office a "Merry Christmas" and left. WKKW's correct mailing address is P. O. Box 2696 - Clarksburg, WV 26302. Oh, while I was gone yesterday, Santa Claus, in the form of J. C. Penney Company, came to town with gifts for all of the children. Our two-year-old Zachary just kept saying, "Thank you, Santa Claus!" This caught the attention of a man from WELK (FM); therefore, Sharon was interviewed along with Zachary's "antiphony." WXXI-1370 sent a Christmas card, but still I have no "verie". Can anyone help me in this department? Again, Merry Christmas and a Happy New Year. We hope we can get dried out in 1986.

Wayne Heinen - 4131 S. Andes Way - Aurora, CO 80013-3831 (303) 699-6335

Time for an update of DX from the Rocky Mountains (all times EDT). Starting 11-23: KJLS-890 at SSS o/u WLS. 11-24: CKLQ-880 with hockey 2:01 am. 11-30: KDXU-890 at SSS. 12-7: KFAC-1330 with RFH off, CLA mx 2:06 am. 12-10: CPFL-1190 with csw 5:58 am, WOA-930 o/u WKY at 6:34 am. Language was SS and v/q already received says this is the new Qesada, Costa Rica transmitter (Costa Rica #3 for me). 12-14: KUVO-830 8:56 am, KKKX-1000 9:17 am ... later KLVV-1560 still on this frequency with REL 4:51 pm, KREE-1360 with csw 5:10 pm KBUF-1030 o/u KTVW with csw 5:42 pm, KNFL-700 with csw o/u KOB at 6:00 pm. 12-21: KLDI-1210 weak with adcon 3:22 pm. 12-22: Long-sought KUBC-580 u/WBWW with AOR at 6:23 pm. A few other semi-locals reported lately include KLIH-600 (Thanks Jackie Cole for the v/s), KSTC-1230, KFAC-1240, and KNID-798 (TIS at Stapleton Int'l Airport). Lately carriers have been noted about 0500-0600 UTC on 765, 1215, and 1404. Could be the long-awaited coming of TA's to the Rockies ... more if these develop. Verifications now up to 1060 with over

twenty reports still out. My thanks to Ken Chatterton, William Moser, and Dan Bartek for postage support for the CPC letters. Well over 40 letters have gone out. If you've got an extra \$4.40, send me a book of stamps and the Apple][e and I will send out another 10 CPC letters. If you enclose a list of stations and good times for tests, I'll use those; if not, it'll be Hobson's choice from this end. All the parts have arrived for my MUX-4 so a pinning box will hopefully be on line right after the first. This in addition to my newly restrung 4' box loop and the ever-trusty MW-1 Radio West loop. Receivers on line include the trusty K88-4 (went on line Christmas day 1965! Twenty years ago today!) and the R-390A with a CV-591A SSB adaptor. The SSB adaptor also acts as an ECCS tuner when used without the BFO and has improved close-quarter DX greatly here. That wraps it from the Rockies. Hope the holidays were kind to all ... 73.

Geir Stokkeland - P. O. Box 160 - N-6390 Vestnes - Norway

Time again to update things from here. After ending my work on Hopen Island at the end of July, bagging more than 500 U. S./Canadian AM's in one season, I spent 3 weeks near North Cape in the far north of Norway in October for DX. Managed to catch very few American and Asian AM's, but hit gold on Pacific with Fiji on 684, as well as a number of Hawaii incl. the new KPUA-670, ex-970. Dropping plans of a longer stay, I called it off and netted a 6-month contract for the old QTH on Bear Island, where I have been since 11-15. Upon arriving here, I found a period of very good reception beginning, which ended with the intense aurora moving into the area early on 11-29. Some 40+ new U. S./Can. AM's added to the log, incl. CHUR-840, WSAU-640, WSAU-550, MSYR-570, WKZO-590, KVMU-610, KTRH-860, KORT/KGHS-1230, KSUE-1240, KQPO-1340, KCCW-1400, KOVC-1490. Also OK Country's new CKWA-1210 relay on 12/3; seems they got this one on quickly! Been watching 830 today for CFJW, but their quota of ID's seems to be limited. The rock above WOOD just has to be them, anyway, I guess. No big news to report from this side of the ocean other than the usual North Nordic DX-peditions also this winter getting their shares from the N! band. Several people have travelled north already. Winter this year looks promising; been not-so-cold but steady below; sea ice has moved south further than for many years; looks like the bears will really turn up in high numbers this season. A peaceful and prosperous Christmas and DX 1986 to all!

Porky Chedwick hired at Monroeville station

By Barbara Holsopple
The Pittsburgh Press

Veteran Pittsburgh deejay Porky Chedwick, who resigned from WAMO-Radio last week, has surfaced on a radio station in Monroeville.

Chedwick, who had hosted a Saturday oldies show at WAMO, is the 1-5 p.m. record jock on what was WRUA-AM and now is using the call letters WNRZ.

The 250-watt station returned to the air yesterday as WNRZ after a silence of more than two weeks. The station has been plagued by financial problems and has been off the air several times since its purchase in 1983 by Barua Communications.

WNRZ now is under the management of William Lawrence, a local man who has worked as a wholesale record distributor and has handled sales and promotions for Epic and CBS Records.

Lawrence said yesterday he has an "agreement to purchase" the station but that he has not yet filed legal papers with the Federal Communications Commission. The FCC offered a hasty approval on the new call letters, Lawrence said.

"There's a bunch of us — some record people and others whose names I would rather not reveal yet — who decided to come in here and see what we can do," Lawrence said.

"It became public knowledge a few months back that the station was in financial trouble and was for sale. I looked into it and what I found was not good. It's a dinky little daytime station and it has financial problems. But we'll work hard and see what we can do."

Lawrence is programming a format he calls "New Music USA," which focuses on "breaking new music and finding new talent." He and former Pittsburgh deejay Clark Race had tried to package the format from Race's headquarters on

the West Coast, with no success, but Lawrence feels it can work here "because nobody else is doing it."

Lawrence said he has enlisted the services of a consultant, Michael Vanditti of Championship Music, and expects to apply for a power increase of 1,000 watts.

The station's on-air talent includes Bob Tracy in morning drive and John McKee from 11 a.m. to 1 p.m. As a daytime station, WNRZ is permitted to broadcast only from sunup to sundown.

By Barbara Holsopple, 5/19/85
The Pittsburgh Press

'Birth Control' Ousted

by David Hughes

Washington DC ... At its 31 October meeting, the FCC voted to delete its non-technical restrictions regarding AM applications, otherwise known as the "birth control" rules.

In an effort to promote the then-struggling FM band, the regulations excluded otherwise acceptable AM applications for new stations or improvements in existing stations unless the station could prove that it would be providing service to an unserved or underserved area.

Minority and public station applicants were exempted from these rules, and could apply on 25 class 1-A clear channels even though the applications may have not been technically complete, according to NRBA.

The Commission said the rules were developed at a much earlier time "when it was necessary to preserve opportunities for stations in underserved areas." Citing "maturity of the AM service," the FCC said it questioned whether demand

still existed in the remaining eligible communities.

The rules, the Commission concluded, acted to "stifle opportunities for improving the diversity that new voices would bring to the marketplace."

The birth control rules, originally adopted "to foster the growth of FM, have obviously outlived their usefulness," said former NAB Daytimers Committee Chairman Gary Capps. "Elimination of these rules would allow many daytimers to go fulltime while still complying with all the Commission's interference rules."

NAB, which joined NRBA and many other broadcasters in arguing for removal of the controversial rules, called them "a barrier for daytimers and others seeking to obtain fulltime AM authority in areas already served by other fulltime stations."

The changes are contained in Section 73.37 (e) of the Commission's rules. FCC Docket number is MM 85-39. For more information, contact Jonathan David at the FCC: 202-632-7792.

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