



DX NEWS

*the magazine of the
National Radio Club*

— SINCE 1933 —

Volume 54 Issue 17 Monday, February 2, 1987

BUSINESS This column didn't make the deadline this issue. Must have been the cold weather in California, hi. Couldn't have been snow the East coast has it all!!! As we say in the Midwest, "Better you than us!"

DDDD-East Column Editor, Bill Hale, brings up a good point in the beginning of his column. Let's all try to make the job easier for our volunteers. These people put in enough time just typing up the stuff that is sent in, let alone trying to catch all the errors and typos that you accidently submitted to them. Thanks.

Logbook Changes Errors in the log should be sent to HQ, changes since the log came out should be sent to the appropriate column editor, if it doesn't fall under any of those people then forward your stuff to HQ. We've noticed so far that alot of the "errors" that have been sent to us are in fact "new or updated" material. Keep in mind when the logbook was printed before sending in your errors.

If you look at the 2nd page of the Call letter index section, KDJI thru KKQJ, you'll notice that the last 3 columns on the 2nd page are pasted up wrong, John Demmitt caught that error for us. A new corrected page can be found in the current Updater. Another reason to order the Updater. The order form can be found in the front of the current Log book.

AM-azing Wisconsin! This story was "borrowed" from *DX midAmerica's Hot Tips and Targets!*, John J. Rieger's magazine. However, we weren't able to get a good solid copy of it so please excuse the print quality. It's not the fault of our printer. (Probably John's fault.... right Bob? Yep.)

HAM LIST can be found starting on page 22. If you're not there, don't blame us, send your current sked and calls to Tom Farmerie.

DDDD is back!! But don't OD on it! A very large column with interesting catches and words by Chuck.

CFC TEST (Times listed are Eastern Local Time)

Even if you don't hear the Test, why not send a postcard thanking the station anyway.

Feb 14 **WVGR-960** LaFollette, TN 0200-0230 Test info not available at this time.

Saturday Stn IDs as "Gospel 96", so possibly some religious mx may be used.

A polite reception report along with a mint US stamp to: Emma McCarty, GM

Radio Stn **WVGR**, P.O. Box 1530, LaFollette, TN 37766-1530

Test arranged for the NRC by Carl Dabelstein

Feb 16 **WDCT-1310** Fairfax, VA 0200-0300; 0200-0230 5000w DA, 0230-0300 1000w non-DA.

Monday Test will consist of music, IDs, and tones. A polite reception

report & a mint 22 cent stamp to: Dave Schweikart, WDCT, Box 1310, Fairfax,

VA 22030-1310. Test arranged by Dave Schweikart. (Originally arranged in

February 1986).

LOOK INSIDE:

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AM SWITCH

② Jerry Starr, c/o WHOT Radio, 401 N. Blaine Ave., Youngstown, OH 44505

CALL LETTER CHANGES

OLD CALL:	NEW CALL:	OLD CALL:	NEW CALL:
570 WBCA NY	NEW YORK WTKU	1290 WWSA GA	SAVANNAH WCHY
KROX TX	DALLAS KLDD	1330 KCLM CA	REDDING KRDG
740 KBAD NM	CARLSBAD KATK	1350 WANO NC	ABERDEEN WEET
820 KQIN WA	BURIEN-SEATTLE KGNW	1400 KAAP CA	SANTA PAULA KWBY*
840 WMHA VA	PURCELLVILLE WLPY	WKKW NY	CLARKSBURG WPOZ
900 KSGA WA	WENATCHEE KEYK	1410 WSRC MO	BERNARD WTKT
960 KLAG OR	KLAMATH FALLS KLKL	KCNR OR	PORTLAND KKUL
1000 KKJB TX	MARION KBIB	1450 KFXX AZ	TUCSON KKPW
1060 KAYR AR	BUREN KLSZ	KATJ UT	ST. GEORGE KDLX
1080 KEZG AZ	GREEN VALLEY KFXX	1490 KNFL MT	LAUREL KBSO
1150 KGNW WA	SEATTLE KEZX	1600 WLYZ GA	NASHVILLE WNGA
1250 KUUK AZ	WICKENBURG KCIW	WCPK VA	CHESAPEAKE WJQI

APPLICATIONS FOR NEW STATIONS

NONE

GRANTS FOR NEW STATIONS

NONE

APPLICATIONS FROM EXISTING FACILITIES

NONE

GRANTS TO EXISTING FACILITIES

740 WBAW SC	BARNWELL: CHANGES IN ANTENNA SYSTEM
860 WBGR MD	BALTIMORE: CHANGES IN ANTENNA SYSTEM
1030 WMIN MN	MAPLEWOOD: CHANGES IN ANTENNA SYSTEM
1060 KUKG AZ	TEMPE: CHANGES IN ANTENNA SYSTEM
1550 WGAB GT	BLOOMFIELD: NIGHT POWER TO 2400 WATTS, CHANGES IN ANTENNA SYST

OTHERNESS

820 KGNW WA	BURIEN-SEATTLE: FORMERLY SILENT AS KQIN IS BACK ON THE AIR WITH REL FORMAT AS "GOOD NEWS RADIO"
1040 CHRS PQ	LONGUEUIL: THIS IS THE CORRECT CITY, NOT JACQUES CARTIER AS IT HAS BEEN LISTED IN A NUMBER OF PREVIOUS LOGS. WE DID NOT UPDATE CANADIAN INFO HERE AS WE HAVE NO CANADIAN DATABASE. EVIDENTLY IT ALSO SLIPPED PAST THE FOLKS WHO DID THE CANADIAN ADDRESS UPDATES TOO, OOPS. THANKS TO KERMIT GEARY FOR CORRECT!
1150 WCUE OH	CUYAHOGA FALLS: FORMERLY SILENT, IS BACK ON WITH FAMILY RADIO SATELLITE FEED, SKED ANNOUNCED AS 0600-0000, HAS NOT YET RELOCATED IT'S DAYTIME XR
1200 KYOO MO	BOLIVAR: CORRECT POWER IS 25000 WATTS AS IN LOG PER STATION, IS STILL BEING LISTED BY ANOTHER DX CLUB AS 250 WATTS, THIS IN RESPONSE TO SEVERAL MEMBER'S QUESTIONS
WBZY PA	NEW CASTLE: IS HERE NOW EX-1140 KHZ BUT STILL DAYTIME ONLY AND STILL 5000 WATTS, NO TARGET DATE FOR FULLTIME
1290 WJBR DE	WILMINGTON: 2500 WATT CP IS ON THE AIR
1400 WHGB PA	HARRISBURG: IS BACK ON THE AIR 0600-0000, HAD BEEN SILENT
1550 KRPN UT	GRANGER: A REAL MYSTERY HERE. NANCY HARDY REPORTS THEY ARE STILL USING THE KRGO CALL TO ID THEIR AM STATION AND WEST VALLEY CITY AS THEIR LOCATION. OUR LATEST FCC DATABASE GIVES CALL FOR THIS AM AS KRPN AND LOCATION AS GRANGER. TO FURTHER CONFUSE THE ISSUE THIS STATION REGULARLY IDS AS "WKRP". EITHER THE FCC OR THE STATION IS IN ERROR HERE. WE VOTE FOR THE FCC ALTHOUGH EVEN THEIR OWN DATABASE IS WRONG OCCASIONALLY, WE WILL INVESTIGATE THIS FURTHER. THANKS NANCY FOR THE TIP VIA DDXD-W.

73 AND GOOD DX,

Jerry & BKF

JERRY STARR & BUFFALO K. FOONMAN

FORMATS

③

FO: Tony Fitzherbert, 356 Jackman Avenue, Fairfield, CT 06430

Welcome to the first formats column of 1987!! With the new year comes new business plans, and new attempts to draw listeners. In Fairfield, local WMMM seems to have dropped the comedy for MOR, or at least, I heard MOR while DX'ing this past weekend...of course, we will let you know. And WKZE - 1020, up in Sharon has made several weak appearances here around sunset....but KDKA has been rolling in at local strength.

This column features a tour of Metro Winnipeg, courtesy of Neil Wolfish (NW), an update from the Buckeye State from Jerry Starr(JS), some contributions from Phil Tallman(PT), welcome entries from Pete Nolan (PN), and Jody Hughes has moved to KY, and even before the van was unpacked, he had the radio out(JH)!! Gentlemen, the NRC thanks you!

Here we go!!!!

550 KFVY NB	Bismark	- "K-Fire", CHR(NW).
560 WMIK KY	Middlesboro	- CWM, NBC(JH).
570 CFCB NF	Corner Brook	- 2/3CHR, 1/3CWM(PN).
WIDS KY	Russell Springs	- CHR(JH).
580 CKY MB	Winnipeg	- AC "KY-58" (NW).
590 WKXH GA	Atlanta	- Ex-WPLO, still CWM(PN).
WVLK KY	Lexington	- Oldies, A(i) (JH).
KAQQ WA	Spokane	- Ex-KSLN, Still AC (for Adult contemporary) (PN).
CKEY ON	Toronto	- Oldies (NW).
CFAR MB	Flin Flon	- AC(NW).
610 CHTM MB	Thompson	- AC, not CHR(NW).
640 WHLO OH	Akron	- REL, NOT Classical (JS).
CFOB ON	Fort Francis	-AC/CHR "Northwest Radio"(NW).
660 WVAL MN	Sauk Rapids	- Oldies "66W-Gold"(NW).
680 CJOB MB	Winnipeg	- AC/TLK, NOT EZL(NW).
700 KMJY WA	Newport	- New station, CWM days, CHR nites(PN).
710 WEKC KY	Williamsburg	- CBS, drops Mutual (JH).
730 CKDM MB	Dauphin	- CWM/CHR/REL(NW). Interesting mix!(TF).
740 WNOP KY	Newport	- Jazz (JH).
750 CJWW SK	Saskatoon	- CWM(NW).
770 KPLA CA	Riverbank	- New station, REL(PN).
WJMM KY	Nicholasville	- UPI NX(JH).
790 CKMW ON	Brampton	- ETH(NW).
770 (out of sequence)	KATL -MT	- Miles City - CHR(NW).
800 CHAB SK	Moose Jaw	- CHR "Sk's Super 8"(NW).
810 WEKG KY	Jackson	- CWM, A(e) (JH).
CKJS MB	Winnipeg	- ETH/AC(NW).
860 WSON KY	Henderson	- NOS/SNN (JH).
870 WMTL KY	Leitchfield	- CWM, A(e) (JH).
KPRM MN	Park Rapids	- CWM (NW).
930 KAFF AZ	Flagstaff	- CWM, // w/ FM(PN).
WKCT KY	Bowling Green	- MOR/CBS (JH).
940 WCND KY	Shelbyville	- CWM, Mutual (JH).
950 CFAM MB	Altona	- EZL/CLA/ETH(NW).
970 WRCS NC	Ahoskie	- CWM (PN).
KIXL TX	Austin	- REL (PT).
980 WWHR FL	Pompano Beach	- Ex-WBSS, oldies, now Black oldies (PN).
WMAK KY	London	- Oldies, AC (JH).
990 KGTM TX	Wichita Falls	- CWM, was EZL (PT).
1000 WKLO KY	Danville	- CWM, Mutual NX (JH).
1020 WKZE CT	Sharon	- Clustered adult standards (TF).
1040 KAIN LA	Vidalia	- New station, CHR (PN).
1050 KMTA MT	Kinsey	- New station, CWM (PN).
WTSJ OH	Cincinnati	- REL (JH).
1060 WGLH NC	Mebane	- REL (PN).
1070 KATQ MT	Plentywood	- CWM "International Radio" (NW).
1080 WCII KY	Louisville	- NOS/Oldies, CBS (JH).
KNOK ND	Langdon	- CWM (NW).
WEPP PA	Pittsburg	- Drops CWM for oldies (PN).
1090 WMYD WI	Rice Lake	- Ex-WaQE, CWM, now rock oldies (PN).
1110 WCBR KY	Rickmond	- VAR/CNN (JH).
KKLC LA	Pineville	Back on air w/ EZL (PN).
1130 WKED KY	Frankford	- CWM/SNN (JH).
1150 WMST KY	Mt. Sterling	- CWM/ABC (JH).
CKX MB	Brandon	- AC/CHR (NW).

1170	WDFB	KY	Junction City	- REL/CNN(JH).
	WVEE	TN	Collierville	- New station, country oldies(PN).
1180	WFKB	KY	Florence	- CWM/AP net(JH).
1190	CJMR	ON	Missauga	- AC/East Indian programming(NW).
1200	WGUY	ME	Brewer	- NX/TLK (all news all the time for Bangor) (PN) and (TF).
1210	KLDI	WY	Laramie	- AC "Stereo Diamond" (NW).
1200	KFNW	ND	West Fargo	- REL (NW).
1220	WABF	AL	Fairhope	- CWM (PN).
1210	CKWA	AB	Slave Lake (out of sequence again)	CWM (NW).
1230	WHIR	KY	Danville	- Oldies, A(e) (JH).
	WANO	KY	Pineville	- CWM/CNN (JH).
1240	WDFL	FL	Cross City	- New station, Country oldies (PN).
	WFTM	KY	Maysville	- AC, Mutual (JH).
	KVSO	OK	Ardmore	- Trans star oldies (PT).
1250	KHOG	AL	Fayetteville	- Now silent (PN).
	WNVL	KY	Nicholasville	- Drops KY Net (JH).
1260	CFRN	AB	Edmonton	- EX-CJAM, AC/CHR (NW).
	KPOW	WY	Powell	- CWM (NW).
1290	WWSA	GA	Savannah	- Now CWM//w/FM (PN).
	CFRW	MB	Winnipeg	- CHR (NW).
1300	WLXG	KY	Lexington	- Drops KY net (JH).
	KBBJ	OK	Tulsa	Rock oldies (PN).
1310	KEZM	LA	Sulphar	- Back on the air w/ rock oldies (PN).
1320	WBRT	KY	Bardstown	- CWM, UPI (JH).
	WANI	VA	Richmond	- Ex-WRKY, now EZL, drops (REL). (PN).
1330	WMOR	KY	Morehead	- NX/TLK/CWM/KY (PN) /
1340	WEKY	KY	Richmond	- NX/AC/A (JH)
	CKWK	NE	Corner Brook	- AC (PN).
	CFBQ	ON	Parry Sound	- Silent (PN).
	CKDK	ON	Woodstock	- Silent (PN).
	KXPO	ND	Grafton	- CWM (NW).
1370	KAPB	LA	Marksville	AC "B-13" // w/FM (PN).
	KFJM	ND	Grandforks	- Educational (NW).
1380	WHRS	KY	Winchester	- Add MYL to the News of the horse industry format (JH).
1390	WFMJ	OH	Youngstown	- Oldies from the 60's and 70's, Talknet at night (JS).
	KRRZ	ND	Minot	- Oldies (NW).
1400	WEYN	KY	Cynthiana	- CWM (JH).
	KLVA	LA	Vidalia	- Silent (PN).
1420	WHBN	KY	Harrodsburg	- CWM (JH).
	KOOC	NB	North Platt	- Drops Ad. C for CWM (PN).
1430	WLCB	KY	Buffalo	- CWM (JH).
1440	WPRZ	KY	Paris	- REL, no nets (JH).
	WSSL	SC	Greenville	Now CWM //w/FM (PN).
1450	WKXJ	KY	Campbellsville	- CWM/SNN (JH).
	WSAI	GA	Savannah	- Ex-WWAM, still Black (PN).
	WGNC	NC	South Gastonia	- Rock oldies (PN).
1460	WRVK	KY	Mt. Vernon	- Gospel/CWM/SNN (JH).
1470	WBFC	KY	Stanton	- Gospel, AP (JH).
	KWLS	IA	Sioux City	- Rock oldies (PN).
	WMGZ	PA	Farrall	- // w/ FM, "Z-96", also double ID's for Youngstown, altho no signal there (JS).
1480	WTLO	KY	Somerset	- Adult Standards (JH)
1490	WFKY	KY	Frankfort	- CHR/CBS (JH).
1500	WKXO	KY	Berea	- CHR/CBS (JH).
1520	WRSL	KY	Stanford	- GOSpel (JH).
1530	WXEZ	FL	Babson Park New	station CHR/oldies (PN).
	KHET	NB	Lincoln	- Ex-KECK, CWM, now soft AC (PN).
	CISV	MB	Winkler	- CWM (NW).
1540	WGRK	KY	Greensburgh	- Oldies A(i) (JH).
1560	KXXA	AR	Monette	- Silent (PN).
	WSBV	VA	South Boston	- Drops CWM for CHR (PN).
1570	KSRB	AR	Hardy	- Silent (PN).
1580	KDOM	MN	Windom	- CWM (NW).
1590	KCNN	MN	East Grand Forks	- Now NX/TLK (NW).

All the room I have..great column ..a few more to top off KY, from Jody Hughs next time.

73's and good DX!

DOMESTIC DX DIGEST - EAST

William R. Hale, 9823 N. Meadow, Converse, TX 78109

EDITORIAL

Back in Issue 14 a logging appeared 30 kHz off what it should have been. I printed exactly what was sent to me. OK, my error for not catching it. But should I have to do this for up to two hundred (give or take) loggings every week? I don't have the time to do this. So, pu-leeze, guys and gals, make sure what you report is up to speed. I try to catch most of the obvious errors, but do not have the (new) log memorized yet (hi). Frankly, it's your column. I edit maybe 1%, and that's to shorten up (in some cases) long reports. I apologize for the miscue mentioned, and hopefully everyone (myself included) will be more careful in the future.

SPECIAL

1290 WJBR DE WILMINGTON - CP for 2.5 kw on as of 1200 1/12; FM simul 0600-1000 (M-F, ID as *Bright Ninety-Nine Five*; ROK OLD 1000+ s/off, all day weekends (DS-DE)

DX TESTS & EQUIPMENT

690	KRMX	CO	PUEBLO	- 1/5 0309-0318 KRMX Pueblo, CO on the air for tests, 690 kHz in Pueblo, CO; called, & the guy running the test said he'd never been sick a day in his life, but on that night he was sicker than a dog; awfully nice of him to get out of bed & still run the test (BM-WI)
	KRMX	CO	PUEBLO	- 1/5 not hrd thru QRN & LA QRM (AR-PQ)
920	WGHQ	NY	KINGSTON	- 1/12 DX weak u/UNID OC & CFLS, but three clear IDs heard (JS-OH)
	WGHQ	NY	KINGSTON	- 1/12 0013-0300 very spotty w/PoP typeTT, produced voice IDs (was that you, Laura?); o/u CFLS (DS-DE)
	WGHQ	NY	KINGSTON	- 1/12 nothing but KARN (JH-OK)

MIDDAY TO MIDNIGHT

600	KTBB	TX	TYLER	- 1/8 1814-30 long wx 4cast w/winter storm warnings, ABC Sps; called, and <u>Bill Atkins</u> mentd my name on the air (BM-WI)
620	WTMJ	WI	MILWAUKEE	- 1/12 1733 poor w/lcl nx, ments of WTMJ, into sps; faded u/WDAF splatter (JH-OK)
640	WFNC	NC	FAYETTEVILLE	- 1/4 1718 lcl ads, ID; 1st time on 640 (BM-WI)
	WFNC	NC	FAYETTEVILLE	- 1/4 fair w/some fading o/WOI w/full ID & automated CWM (JJR-WI)
660	WVAL	MN	SAUK RAPIDS	- 12/30 1724 lcl ads; <i>Great W Gold</i> ID (BM-WI)
	WVAL	MN	SAUK RAPIDS	- 1/10 1750-1800 thru WNBC w/OLD frmt & ads; IDed as <i>66 Great W Gold</i> ; WVAL ID @ 1800 and opening sentence of NBC Nx, then vanished (AR-PQ)
670	KWXI	AR	GLENWOOD	- 1/7 1817-29 funeral notices, nx,wx; good, considering WMAQ is only 90 miles away (BM-WI)
680	WRVR	TN	MEMPHIS	- 1/7 1750 lcl ads (BM-WI)
710	CHYR	ON	LEAMINGTON	- 1/8 2200 ID into ROK OLD, weak in mess w/Cuban/WOR (DS-DE)
770	WLWL	NC	ROCKINGHAM	- 1/9 1726 loud w/early s/off (JS-OH)
	WYRV	VA	CEDAR BLUFF	- 1/10 1731 super signal w/full-data s/off after CHR (JS-OH)
880	KIKR	TX	CONROE	- 1/4 1834 playing more mx than ever before; thought they had changed CLs (BM-WI)
900	WGOK	AL	MOBILE	- 12/30 1831 Bible reading, ID (BM-WI)
1030	WBZE	MD	INDIAN HEAD	- 12/29 1645 s/off, ment <i>Washington's Power Sta</i> ; no WBZ ment (BM-WI)
1040	CIOF	BC	VANCOUVER	- 1/6 2258-2355 pounding dominant WHO w/AdCon mx hosted by Ian Power; address is: Suite 101, 1199 west Pender St, Vancouver, BC V6E 2R1; update your log (WCM-SD)
1080	WEEP	PA	PITTSBURGH	- 1/5 1654 w/OLD; poor in tight null to get this one! (JJR-WI)
1110	WKEG	PA	WASHINGTON	- 1/6 1713 s/off, mentg directional ant, s/on @ 0745 (BM-WI)
1160	KFHM	TX	SAN ANTONIO	- 1/1 1856 SS prggmg w/clear ment of San Antonio (BM-WI)
	WFEN	MI	FENTON	- 1/7 2250 way o/WJJD w/ROK mx, community note, ID; 1st time hrd (DS-DE)
1170	WVEE	TN	COLLIERVILLE	- 1/6 1813 s/off <i>Country Gold 1170</i> ; medley of <i>Dixie & Battle Hymn...</i> (JM-WI)
1190	WTPS	PA	HUGHESVILLE	- 1/6 1620 wx for central & NC PA (BM-WI)
	CJMR	ON	MISSISSAUGA	- 1/6 1631 Ontario nx (BM-WI)
	CJMR	ON	MISSISSAUGA	- 1/5 1627 fair w/WOWD nulled (JJR-WI)

6

1320 KOZY MN GRAND RAPIDS - 1/2 1710 ID, OLD ROK (JH-WI)
 WANI VA RICHMOND - 1/2 1700 fair w/NDS mx, full ID into CNN Nx; no
 WILS, WJAS, WKAN! (JJR-WI)

1340 KSEK KS PITTSBURG - 1/12 1208 back on after xr/ant problems; can
 still null them to get KBR5;KTOW more audible w/KSEK(JH-OK)

1380 KLIZ MN BRAINERD - 12/30 1714 lcl ads, wx (BM-WI)

1440 WRBE MS LUCEDALE - 1/13 1718 up briefly o/KITA w/ad for a Ford dir,
 ments of Lucedale; poor (JH-OK)

1480 WISL PA SHAMOKIN - 1/4 1851 w/AdCon mx & female annr *Billy Joel on*
WISL; good enuf for me for a new stn (JJR-WI)

1530 WTME ME AUBURN - 12/27 1542-1600 poor+fair w/a weak, fading signal
 w/REL mx; no sign of WDJZ/WCKY; joint ID @ :00 for
 WTME/WKTQ, then vanished (AR-PQ)

1570 WFLR NY DUNDEE - 1/5 1659 squeaked thru w/ID during dead air on lcl
 CKLM (AR-PQ)

1600 WBLV OH SPRINGFIELD - 1/12 1730 atop w/ID *Classic Hits* (JS-OH)
 WEUP AL HUNTSVILLE - 1/12 1554 amazing signal out of nowhere
 w/BLK mx, complete ID @ 1800included freq, QTH, & owners
 name (Garrett B' Casting Service) by female; mx (JS-OH)

MIDNIGHT TO MIDDAY

640 WCRV TN COLLIERSVILLE - 1/3 0259 well o/others w/new CLs & REL frmt;
 fair (JJR-WI)

680 WOGO WI HALLIE - 1/8 1000 clear ID (BM-WI)

WOGO WI HALLIE - 1/6 1001 v/good w/full ID & CWM; 1st time hrd, and
 knocked off my most-wanted list (JJR-WI)

710 WUFF GA EASTMAN - 1/2 0645 *Your Country Stn for Mid-east GA*; b'day
 club (BM-WI)

KEEL LA SHREVEPORT - 1/7 0845 partial null of WHB; lcl nx, ments
 of W. Monroe & Keel; into sps & faded; poor (JH-OK)

720 WHXY GA HOGANSVILLE - 1/7 0853 poor w/WGN; ad, *720 WHXY* ID, into
 Monkees toon (JH-OK)

KSAH TX SAN ANTONIO - 1/7 0849 0916 poor+fair w/Mexican mx & ID R.
Festival, poss ment of SA @ 0911 (JH-OK) U got'em (WRH)

820 CHAM ON HAMILTON - 1/4 0244 *820-CHAM* ID (BM-WI)

830 CFJR ON BROCKVILLE - 1/9 0612 lcl ads, Lionel Richie song (BM-WI)

870 KPRM MN PARK RAPIDS - 1/5 0832-50 w/CWM, *Clear Channel 870* ID;
 called & asked DJ to say "KPRM", which he did; sked is
 0700-2300 (RW-IL)

KPRM MN PARK RAPIDS - 12/29 0830 lcl sps (BM-WI)

880 KRVN NE LEXINGTON - 1/2 0059 s/off, leaving WCBS, UNID mx, weak SS
 (JH-OK)

940 CJGX SK YORKTON - 1/4 0300 *GX 94* ID (BM-WI)

1040 CIOF BC VANCOUVER - 1/4 0419 *SuperStn BC, 1040 AM Radio*; good,
 sometimes o/WHO (BM-WI)

CIOF BC VANCOUVER - 1/4 0408 fair w/*1040 AM Radio* IDs & long, deep
 fades up to, and even with, WHO! (JJR-WI)

WHBO FL PINELLAS PARK - 12/31 0727 *MEtro Trfc Control*, call-in for
 New Year's resolutions: 800-633-1040 or 2-1040 (JH-OK)

WJOR TN ST JOSEPH - 12/31 0735-0813 fair w/s/on ment xr on Old
 Jackson Hwy, GOS mx, many ads, lcl nx 'til fade out (JH-OK)

1090 CHEC AB LETHBRIDGE - 12/19 0028 *Amazing AM \$, 1090 CHEC*; *Steve*
Miller song (BM-WI)

1130 WCBX NC EDEN - 1/12 0730 s/on after vocal SSB; not moved to 830 yet
 (JS-OH)

CKWX BC VANCOUVER - 1/7 0701 poor w/KWKH, ID, news ment of
 Vancouver (JH-OK)

1300 WKXI MS JACKSON - 1/5 0604-42 blues mx w/ 2 DJs; *13-Kixy* IDs, long
 list of people to greet; fair +good (JH-OK)

1320 CFGM ON RICHMOND HILLS - 1/5 0553-59 fair w/*CFGM-1320* IDs, CWM;
 w/SS ID R. *Espanol*, and the oldest st. KWNN likely (JH-OK)

1410 WHLN KY HARLAN - 1/14 0600 ISSB folo by jx *WHLN 14-10* & directly in
 AP Net Nx; lcl nx & *Tri-State Wx* 0605 w/John Harrison;
 into CHR @ 0610 (JS-OH)

UNIDs and INIDs ID'd

540 WARO PA CANONSBURG -2/16 UNID hrd by LMC-NY is WARO; format sounds
 like them & check of phone # in BC YB confirms it!!(WCM-SD)

680 UNID ?? - 1/13 w/MOR stds stuff, too much WRVR @ times; WPTF
 maybe?; *Stardust 68* ID noted after CNN Nx (GL-MS)
 How 'bout WLFJ, St Petersburg? They are CNN and play that
 type of mx; WPTF plays CHR (WRH)

700 UNID ?? - 1/7 ±0300 in EE, w/strong EE accent (BM-WI)

730 KST? ?? - 1-5 0716 21poor w/ID *KST?*, temp 56°; 0720-5 a
 request line #772-7223, the *Power (or Tower) Line, P(or T)-*
73!; WDKT?? (JH-OK) Let's hear from the guy w/the phone #'s!

780 WLRM MS RIDGELAND - 11/28 hrd by Dave Hascall is indeed WLRM; FM
 calls are WEZO-101.7; frmt is basically the same as when
 they were WYAI (GL-MS)

890 WQIS MS LAUREL - 12/16 UNID hrd by Greg Coniglio is most likely
 WQIS (RW-IL)

WQIS MS LAUREL - 12/16 UNID hrd by GC might have been our own *Q-89*,
 WQIS, Laurel/Hattiesburg; the frmt is UrbCon & they operate
 10Kw days; I've seen alot of good reports on this one from
 all over; keep 'em coming (GL-MS)

1050 UNID ?? - 1/2 1915-18 fair w/*Heartland Wx Forecast*, 290, CWM;
 XEG nulled; faded into BIG mess (JH-OK)

1080 WEKS GA MARIETTA - 1/10 w/many *Kiss 104* IDs (GL-MS) Greg,
 this is indeed what you hrd, per listing in new log (GL-MS)

1090 WMTY SC GREENWOOD - 1/10 w/a lot of MOR-ish type mx; hvy KAAY/WSLG
 (GL-MS) OK, Greg, it's a time to order a new NRC Log (WRH)

1280 WMKJ LA NEW ORLEANS - 12/9 catch by John Herman can definitely be
 confirmed as WMKJ, NO (GL-MS)

1460 UNID ?? - 1/12 (no time) w/EZL stuff; WXOK a problem in
 deciphering this one; NBC Nx at :00, but pwr cut midway
 through (GL-MS)

1550 WMOO AL MOBILE - 12/7 hrd by GC most likely was WMOO as they are
 back on 1550 after a brief (stint) on 660; as has been
 reported in AMS, applications seem to exist formove to 770
 or 660 or somewhere (GL-MS)

1560 WSBV VA SOUTH BOSTON - 1/7 0957 way o/WQXR w/POP mx, ID, wx; again
 1/12 1054 w/ROK mx, ID; good daytime cx (DS-DE)

1570 WCRL? AL ONEONTA - 9/29 UNID hrd by Jim Paige could also be WCRL, a
 frequent SSSer (RW-IL)

WONA? MS WINONA - 11/6 hrd by JH may also have been WONA, also next
 door (and aa lot closer) to a Carroll county; WONA is a 5kw
 operation w/an FMer on 96.7 using *FM96* IDs as well (GL-MS)

1590 WZRZ MS JACKSON - 12/8 hrd by Wendell Ford is indeed WZRZ or 2-
Rock; they apparently simul some w/their sister stn WSTZ,
 106.7 2-106 ex:WKYV KY-107 (GL-MS)

TIS and other...

1610 TIS NH - 12/29 0226-33 v/weak in jumble, repeating msg about
 a certain stretch of roadway & giving a Concord, NH mailing
 address; detailed tentative out to NH DOT (AR-PQ)

COMMENTS

- Remember, when reporting, use ELT ('cause there's more of them than us)
- A small (?) column this time. But a lot of quality reports. Keep 'em coming!!

LAST MINUTE UPDATE:

1600 KTNS TX PLANO - has been silent since 1/8, pending sale of stn; was
 news/tlk, but maybe couldn't compete w/KLIF (AB-TX)

KBOR TX BROWNSVILLE - is now SS; switched 12/1/86 from BFL (AB-TX)

EMERGENCY BROADCASTS

1530 KTCR OK WAGONER - 1/18 2350-0014 *AM-1530 KTCR* w/shelter & other
 emergency notices due to storm; lgl ID @ :03, s/off @ :14;
 poor+fair (WRH-TX)

Reporters who made this all possible:

RW-IL Roger Winsor//Champaign, IL//
 BM-WI Bob Mielcarek//Milwaukee, WI//Icom R70A + Kowalski Loop
 AR-PQ Andy Rugg//Nuns Island, PQ//R-390A + LW (2 rpts)
 WCM-SD William C. Moser//Lake Preston, SD//Zenith K371 + loop
 JJR-WI John J. Rieger//S. Milwaukee, WI//IC-R70, R1000 + Kowalaki Loop;
 RF2900 + RW Shotgun; RF2200

JS-OH Jerry Starr//Hubbard, OH//
 DS-DE Dave Schmidt//New Castle, DE//HQ180A, SH2, Superadio
 JH-OK John Herman//Vinita, OK//R-388/RW Loop
 GL-MS Greg Ledbetter//Purvis, MS//
 AB-TX Artie Bigley//San Antonio, TX//
 WRH-TX Bill Hale//Converse, TX//Superadio

WBZE AM 1030
 Waldorf Commercial Center
 Box 3B, Montgomery Lane
 Waldorf, MD. 20601

73,
Bill

8 DOMESTIC DX DIGEST - WEST

Nancy Hardy, 2301 Pacific Avenue, Aberdeen, WA 98520

DDXD-West deadlines are Saturdays. Use the format that you see here, Eastern time.

DX TESTS

- 690 KRMX CO PUEBLO - Test was on with TT & IDs as sked, per Denver area DX'ers. (WH-CO)
920 WGHQ NY KINGSTON - Tried for, all KARN & the group. (WH-CO) 1/12 0000-0030 test tried for but nothing heard under KXLY, KGAL. (JSM-BC)

MIDDAY TO MIDNIGHT

- 550 KUSA MO ST. LOUIS - 1/13 2208 ID into C&W music. Briefly o/QRM with KLZ-560 slop. New, MO #28. Never heard as KSD. (ØW-CO)
600 WMT IA CFDAR RAPIDS - 1/6 1800 CBS News, local news, ad for Jim Arenson Chevy. Good in KIIX null. (ØW-CO)
KJSJB ND JAMESTOWN - 1/6 1749 good sig through semi-local KIIX. Ad for Buffalo Mall, weather, CMW with DJ Jeff. 1800 ABC News. (ØW)
680 CJOB MB WINNIPEG - 1/6 1716 weather, road closures, Air Canada flight delays due to storm. Good sig, in quite early. (ØW-CO)
700 CKRD AB RED DEER - 12/28 2000 news, oldies music, "Radio 7" slogans. New, AB #17. Never heard on 850 due to local KOA. (ØW-CO)
1200 KPNW ND WEST FARGO - 1/6 1636 gigantic signal during bizarre midday opening to Upper Midwest. Only heard once before, weakly around sunrise last year. (ØW-CO)
1280 KRZE NM FARMINGTON - 1/13 1810 spot for San Juan Nat'l Bank, "Wichita Lineman," other C&W fare. "Z-Country 1280" slogans. Fair to good in tight null of local KBRQ. New, NM #43. (ØW-CO)
UNID UnID station in SS, 1/13 1905. Noted after KRZE s/off with salsa music, ad for Los Arcos Restaurant at 1920. Fair to poor in KBRQ null. Whozis? US or Mexican? Noted a "Doce Ochenta" (12-80) slogan. (ØW-CO)
CJSL SK ESTEVAN - 1/6 2226 fair, occas. good in pinpoint null of local KBRQ. First log of anything on 1280 other than KBRQ! SK #15. Ice hockey (high school, probably) between the Carnduff Red Devils and Arcola Combines. After game noted with music & "CJSL" IDs, so not relaying CFSL as per NRC Log. (ØW-CO)
1390 KPPL CO DENVER - Running old standards & ID every 15 minutes, no commercials. Ordered back on the air by FCC or lose the license. Owners in bankruptcy court. (WH-CO)
1480 WTDY WI MADISON - 1/6 1606 weather, ad for insurance agent, then into muck. New, WI #7 in a freak mid-day skywave opening to the Upper Midwest (at least I don't think it was groundwave!). (ØW-CO)

MIDNIGHT TO MIDDAY

- 620 KIPA HI HILO - 12/29 0535 noted off the air on rare SP. (5P-HI)
640 KFI CA LOS ANGELES - 12/31 0505 it's back! Heard here during rare KORL-650 SP. Billy Joel song, DJ talking about Joel & 2:08 TC. Promo for station trivia contest, "The Great Entertainer" slogan and into MOR music. What, no Top 40 like in the old days? Fair, KSSK-590 slop and TVI. (5P-HI)
650 KORL HI HONOLULU - 12/31 0505 noted off the air. Station says this was due to a power outage at the Ala Wai xmtr site. There was another outage around 1945 per station. (5P-HI)
690 CBU BC VANCOUVER - 1/8 0100 CBC news, weather for E. Kootenays and other BC regions, then classical piano music past 0130. New, never "officially" logged here, tho heard many times. (ØW-CO)
880 KRVN NE LEXINGTON - 1/12 off on MMI CHQT, CKLQ & WCB5 mixing it up 0145. (WH-CO) Seems to have a nitely SP now, per several random checks, leaving at 0100 ELT. (ØW-CO)
1040 KLHT HI HONOLULU - 12/31 0557 noted off the air also, they share transmitter site with KORL-650. (5P-HI)
1540 KNZS CA APTOS-CAPITOLA - 12/31 0703 Ai News, woman with muddy talk, promo for NBC Radio NFL playoff coverage Sat. & Sun. on "Your Monterey Bay Area Sports Provider" (switch to different voice) "Newstalk 15-40, KNZS." Into Talknet. New. Very poor, o/u ripply SS (KSKQ?), KUMU-1500 QRM. (5P-HI)
1580 KPFD AR VAN BUREN - 1/5 0710 poor with Fort Smith ads. Soon lost to KOKB. New, AR #12. (ØW-CO)

1580 KOKB OK BLACKWELL - 1/5 0700 ID thru QRM as "KOKB, Blackwell-Ponca City." Several ments of call letters, poss. s/on. Poor in QRM. New, OK #27. (ØW-CO)

REPORTERS

WH-CO/Wayne Heinen, Aurora, CO/R-390A, 4' loop, 100' LW, phase box
JSM-BC/Steve McDonald, Port Coquitlam, BC/R-71A, 5' AZ-EL loop
5P-HI/Dale Park, Honolulu, HI/Sony ICF-6700W, Realistic Minisette 16
ØW-CO/John Wilkins, Wheat Ridge, CO/R390A, R1000, 4' box loop, indoor wire

9 FCC Puts Freeze on Daytimers

by David Hughes

Washington DC ... In a move that has been praised by many broadcasters, the FCC has imposed a freeze on the acceptance of applications for new AM daytime-only facilities.

The Commission, in an 11 December ruling, said that, effective immediately, it was issuing a "temporary freeze" on the acceptance of new applications for daytime-only stations.

The action, the FCC added, is "taken in contemplation" of a future formal rule-making proposal to impose a permanent ban on applications for new daytimers.

However, the freeze will not affect pending applications. New daytime facilities that had been applied for by 11 December will be processed as usual, according to Lenore Cunningham, with the FCC Audio Services Division.

Although she had no figures on how many daytime applications were pending, some FCC sources indicated that the figure may be about 40.

Also unaffected by the freeze are daytime applications filed after the adoption date that are mutually exclusive with applications listed on an "A" cutoff list, the FCC said.

AM difficulties

"The difficulties facing AM daytime stations are compounded by the limitations on their hours of operation and the attendant inability to effectively compete with fulltime radio broadcasters," the FCC maintained in its December order.

Procedures to allow many daytimers to operate at night, such as the recent Canadian and Mexican clear channel decisions, have been adopted by the Commission during the last two years. More than 400 daytimers on foreign clears have reportedly gained night operations. The FCC has also expanded presunrise and postsunset authorizations for daytimers.

The Commission said it previously had in effect a ban on new daytime applications for the Canadian and Mexican (and one Bahamian) clear channels because the authorization of more stations could prohibit the creation of new fulltime stations and hurt FCC efforts to provide relief for existing daytimers.

In its December ruling, the FCC said that "for these same reasons" it will extend the daytimers prohibition for new clear channel operations to affect all AM band channels.

"In continuing to authorize new AM daytime stations, we not only complicate the task of offering relief to such existing

stations, but we also perpetuate the very problem we are seeking to address," the FCC said.

It added that it would be in the "public interest" to restrict future applicants to proposing fulltime operation since this generally results in more efficient use of scarce spectrum space."

Broadcasters praise plan

"The freeze is probably a good thing," said NAB Senior VP/Radio David Parnigoni. "There are already enough problems with the crowded conditions on the AM spectrum. There is not a lot of room for new daytimers."

Parnigoni said that 2,300 of the approximately 4,800 AM stations are daytimers. He added that the NAB would also welcome a permanent FCC ban on new daytimers, which he said was a "strong possibility."

Jim Wychor, owner of KWOA, a daytime in Worthington, MN, and past president of the Daytimer Broadcasters Association (which is now the NAB Daytimers Committee) said the freeze is "long overdue."

He said that since daytime-only stations are not allowed in the TV or FM services, they should also not be allowed on AM. "The FCC has been creating a whole new class of broadcaster—the daytime," he said.

"The Commission should be working to upgrade all daytimers to fulltimers, and not creating more," Wychor said. He added that if new daytimers are created, they will eventually organize and put pressure on the FCC to become fulltimers, thereby further crowding the existing AM band.

"We do not need to shoe-horn in more daytimers. That is not in the public interest," he said.

While Wychor said he supported FCC efforts to expand daytime hours on foreign clear channels, he said there are other possibilities, such as allowing AM daytimers to use FM translators. He also said the recent proposal to create a second FM band in the 225-230 MHz range is worth "serious study."

"The freeze is a good idea—a very logical step," said David Palmer, owner of WATH, an Athens, OH, daytime, and head of the NAB Daytimers Committee. "It's long overdue."

He said that the freeze indicates that the FCC is "serious" about AM improvement. "You can't have the Commission looking at numerous proposals for the relief of daytimers and also advocate creating new daytimers."

"There is a lot of congestion on the band already. Any new signal placed on the spectrum will create even more inter-

ference," Palmer said.

He said that the freeze—in conjunction with Docket 80-90 daytime preferences for FM stations, proposed daytime preferences for the new 1605-1705 kHz AM band segment, and even the FM2 plan—increases the possibility that more daytimers will be able to operate fulltime in the future.

"I welcome any creative thinking on the issue," Palmer added. "One idea tends to promote others."

DST update

In a related issue, Palmer added that he is confident that the FCC "in the near future" will unveil a remedy for daytime-only stations that will suffer the loss of an hour of key full power morning drivetime for three weeks in April when Daylight Savings Time (DST) expands.

While Palmer said he did not want to comment on the exact method the FCC will choose, other observers indicated that the Commission may place a 50 W minimum power level—or some other minimum level of power—in effect. That would mean that stations with presunrise authority of less than the limit would be able to increase power up to the limit.

Last summer, Congress approved a plan to start DST three weeks earlier in the spring. Beginning in April 1987, DST will start on the first weekend of the month rather than the last weekend.

Because sunrise will occur an hour later than normal during those three weeks, daytimers say they will not be able to operate at full power during an hour of morning drivetime. Current rules call for daytimers to be limited to their much lower presunrise power levels.

Palmer said he expects an announcement from the FCC by early 1987.

Via J. ★ 2A. World



"COUNTRY SUNSHINE"

Box 878 - Fayetteville, Arkansas 72701

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

404-633-1198 Before 2300 ELT

Times are GMT

For ELT substract 5 hours.

Deadline: Monday

I suppose I should apologize for the irregular appearance of the column recently. So I will apologize. Last deadline found me in Denver. The trip itself was only the culmination of a couple of weeks of 12 to 14 hour days getting things ready. So that's why. I hope the missed deadlines don't cause too much grief. I don't like it any more than you do and can only hope that it will remain infrequent enough to not be a real problem.

Onward to more pleasant things...Let me express my post-Christmas thanks to those of you that sent Christmas cards. I've always appreciated that--it kind of adds to the Christmas spirit to have some of you take the time and trouble to remember the editor of a column in a hobby club.

Now would you just look at the longwave section this time????????? Words can not be found to describe this phenomenon.

- 153 ROMANIA Brasov 1/3 0507 dominant and clear with talk, only slight QRM from competing broadcast station. 0510 orchestral music, 0511 other station rising to equal level with Romanian. (Weeks)
- 153 WEST GERMANY Donebach 12/17 2208 GG talk, 2215 opera, 12/20 0428 GG talk, 0430 "funf Uhr dreissig" (5:30). GG talk sounding like news. 0435 light popular melody with orchestra, then voices joining in like a Christmas carol. Reception noisy, though greatly helped by phasing unit. (Weeks) 12/27 0424 folk song, 0427 light orchestral mx, 0429 GG male anncr. 0430 woman anncr "Funf Uhr dreissig", news, the second item being about President Reagan. Best reception so far here. No QRM. (Weeks) Tentative, 1/1 0536 man speaking in IGG, 0539 with light music. No ID heard; poor and not present when checked later on. (Weeks) 12/12 0152 Christmas choir mx // 1269, poor sig. (Vernon)
- 153 UNIDS 12/28 0430 two stations competing, one with choral music, the other with pop music on guitar. Frequent fades with distortion, but strong signal level. Presumed West German and Rumanian stations. At 0502, German station dominant with news. Talk also from subdominant station. 0507 one previously subdominant was drowning out German station with big band jazz. (BRW)
- 153 USSR Khabarovsk 12/12 1807 orchestral mx // 189, xInt sig. (Vernon)
- 162 FRANCE Allouis 12/30 2351 program of Christmas music with woman host, nx by man at 0000. Also noted on 1/1 at 0534 with Eleanor Rigby by the Beatles; fair both nights. (BRW) 12/12 1726 opera type mx, then woman FF anncr, this mixing with unid stn with male anncr. (Vernon) 12/12 0057 FF male anncr talking with female on phone. 0058 pop music insert. Anncr resumes with "au revoir". 0100 pips then "les informations" (the news). Mentions of region. (Weeks)
- 171 USSR Moscow 12/29 0258 IS, same as for Radio Moscow on SW. Male anncr in RR. Bells, carillon followed by 6 separate clangs on low-pitched bell. Military band with chorus with Russian National Anthem (starting with do so lah/tee mee/lah...). Brief fadeout but return with somewhat fluttery signal. Anthem continues past 0303. Pause. Female announces "Rah-dio Moskva". Male Russian talked briefly. Hammond organ sound (soh do me/soh). Occasional fades giving high noise levels, only slight beacon QRM. 0357 orchestra with children's voices sounding like traditional folk melody. 1/3 0413 female RR talk. Quite clear and readable, some beacon QRM, steady signal. (Weeks)
- 171t MOROCCO Nador tentatively identified as alternate listing to USSR synchros normally received here. 1/7 2214 female French-sounding talk then light pop music. Fair signal with mild fadeouts. 2229 pop music but with Radio Mayak (USSR) IS in background--the tune "Moscow Nights", surprising as I have heard the regular Radio Moscow SW and First network IS on all previous occasions. 2230 and after--pop music now subdominant. 2258 pop music dominant then male anncr. 2259 R. Mayak the one again in background followed by pips. (Weeks) 2330 12/21 AA vocal mx. (Purdue) 1/1 0658 FF pop music, 0700 ID as "Medi-Un" in both FF and AA, 0701 commercials, 0702 AA music, poor-fair with no sign of SW parallel 9575. (BRW)
- 177 EAST GERMANY Oranienburg 12/28 0426 popular song with orchestra. 0457 light orchestral music, clear with mild het. 0500 pips, male anncr "sechs Uhr..von Stimme der DDR..Nachrichten" (6 o'clock from Voice of German Democratic Republic..news). (Weeks)
- 183 WEST GERMANY Europa I, Saarlouis 1/6 0057 rock music with FF anncrs. xInt. 0100 bells then male FF talk. (Weeks) 12/31 0000 ID as "Europe Un"

- and chimes, news in FF, 0004 pop music; good (stronger than France's signal). 1/1 0338-0407 with FF man hosting program mixing jazz with pop tunes, several ID's and Europe Un jingles, nx on the hour; fair. (BRW)
- ENGLAND BBC Droitwich 12/28 0428 // 5975. 0429 female anncr: "our long wave frequency is now closing". Mention of other freqs. Silence, with carrier continuing to past 0431. Signal only fair, making copy difficult. Signal has been quite good recently. (Weeks) 1/1 0625-0652 with program of hymns and Christmas music hosted by a woman, 0653 man ID'ed as Radio Four, mentioned upcoming programs and gave EE weather forecast; poor signal. (BRW) 12/18 0000 "Next in World Service..This is London". Then well-known (except to column editors--Chuck) Lilli Bulero theme, "4 hours Greenwich Mean Time" // 5975. Reasonable signal with phasing unit. (Weeks)
- 200t USSR Irkutsk 12/12 1719 male talking then singing, poor signal // 189. (Vernon)
- 209 MOROCCO Azilal 1/1 0433 man in AA, 0437 AA song by woman; very poor with utility QRM. (BRW) 12/1 0245 AA chanting in unison, fair. 0246 AA talk, fade out. (Weeks)
- 218 MONACO Monte Carlo 1/1 0333-0645 in with woman host playing pop tunes such as Yeh Yeh by Matt Bianco, Abracadabra by Steve Miller, etc. News read by man in FF at 0400; poor to fair signal with utility QRM. (BRW) 12/17 2236 pop song, FF talk, 2238 "American Pie" in EE. Good signal. 12/20 0458 pop song, 0500 anncr in FF. News bulletin in FF with frequent mentions to Monte Carlo. Signal quite strong though with minor QRM from beacons. (Weeks)
- 227t POLAND Konstantnow 1/8 0305 voice peaking to good strength, slight QRM from beacon plus approximate 10 Hz het. 0307 male anncr then pop music. 0311 male and female in brief dialogue then more music. 0312 1950's style rock and roll music. (Weeks) 0622 12/17 woman anncr, then upbeat mx, good. (Vernon)
- 236 LUXEMBOURG 1/8 0200 unusually fluttery signal, also 2 fades per second at times, but still good strength. Wondering if USSR signals are producing this interference pattern. Heavy rock music with vocalist like Bob Dylan (I think you use the term vocalist loosely, even if he is my favorite...CH) tentative 1/1 0544 dialogue by a man in FF but no ID could be heard...also at 0705 with a woman in FF; very poor with utility QRM. (BRW)
- 236 USSR Magadan 12/12 1808 male and female anncrs, good sig. (Vernon)
- 236 USSR Arkhangelsk et al 12/12 topping Magadan at 1815, male anncr // 171. (Vernon)
- 254 ALGERIA Tipaza 1/1 0545 with John Lennon's Power To The People, 0550 woman with ID in FF then pop mx by Communards, ID and news in FF at 0600, out of the news at 0607 with pop mx; fair signal with utility QRM which peaked around 0557. (BRW)
- 263 USSR Moscow 1/3 0420 Russian talk // 171. Heavy QRM from 2 beacons. Not nearly as good as 171. First time heard here. (Weeks) 12/13 0249 male anncr, good signal // 171, 236. (Vernon)
- 272t CZECHOSLOVAKIA Topolna presumed as signal is hard to copy, only station listed on this frequency. 1/3 0435 female talk, then 1930's type jazz influenced (but not Dixieland) pop music. Heavy QRM from beacon. Not heard before here. (Weeks)
- 531 ALGERIA Ain Beida 0346 12/16 AA chants poor. (Hakiel) 12/15 0016 Arabic singing // 891. Mild het. Rapidly fluctuating level. Not as strong as Algeria 891. 0022 lively AA instrumental, unisons and octaves as usual. (Weeks)
- 535 GRENADA St. George's 1/9 0007-0030 fair to good with VOA relay, followed by local ID for country # 67. (Rugg)
- 567 IRELAND Tullamore 1/15 2321-2400 squeaked through with mixed music and man talking and dedicating selections to listeners. Signal nosedived after 2350 but rebounded 2359 with what seemed to be a National Anthem at s/off. (Rugg) 2235 12/13 EE talk by man, jazz mx, good. (Hakiel)
- 580 MEXICO Piedras Negras, Coahuila XEMU 12/30 0025 ranchera mx, ad for La Gitana in Uvalde, Texas. "La Rancherita del Aire" slogans. Fair. o/u QRM. (Wilkins)
- 585 SPAIN Madrid 2326 12/16 SS talk by man, fair. (Hakiel)
- 612 MOROCCO Sebbaa Aioun 2329 12/16 AA mx and talk, fair. (Hakiel)
- 612 IRELAND Athlone 2353 12/13 poOp vocals by woman, EE talk poor-fair. (Hakiel)
- 639 SPAIN La Coruna 2207 12/13 woman in SS talk, poor. (Hakiel)
- 657 USSR Murmansk 12/15 0700 male singer from Figero opera, xInt sig. (Vernon)
- 666 PORTUGAL Lisbon 0216 12/26 PP vocal by female, fair. (Purdue) 0147 12/16 PP talk by man, fair. (Hakiel)
- 666 USSR Lithuania 12/15 0306 Lithuanian anthem then woman // 1107. (Vernon)
- 675 FRANCE Marseilles 0129 12/7 pop mx, FF talk, fair. (Hakiel)

684 SPAIN Sevilla 0222 12/26 SS vocal MoR mx, fair. (Purdue) 0549 12/13 SS talk about Italy, Romantic II mx, good. (Hakiel)

693 ENGLAND Droitwich 0125 12/7 EE talk, pop mx, good. (Hakiel) 12/12 2353 EE conversation about wines. 2354 song: "Drink to Your Memory" sung in a drunk-sounding manner. 2357 more talk on wine, 0000 pips, "Radio Two" SID then short musical phrase. "News at Midnight" with female anncr. Strong but with occasional CBF-690 slop. (Weeks)

700 JAMAICA Montego Bay 1/4 0510 heard with sports event under WLW, then WLW signed off leaving Jamaica in the clear. (Smolarek)

702 MOROCCO Sebaa Aïoun 2128 12/7 man in AA talk, probably Berber, poor. (Hakiel)

711 FRANCE Rennes 2122 12/7 lively conversation between man and woman with WOR phased, fair. (Hakiel)

738 POLAND Poznan 12/14 1738 church service, audio quality poor, maybe remote broadcast, 1742 woman anncr, choir mx, good audio, xInt sig // 1206. (Vernon)

738 SPAIN Barcelona 0428 12/13 man in SS talk, fair. (Hakiel)

747 BELGIUM 12/10 0158 rock music, male anncr, 0200 music overlapped with pips then what sounds like a new bulletin. 0202 resumption of rock music. Strong. (Weeks)

756 WEST GERMANY Braunschweig 0418 12/13 MoR mx, GG talk, good. (Hakiel)

756 PORTUGAL Lisboa 2149 12/13 man w/PP talk, light mx, fair. (Hakiel)

765 SENEGAL Dakar 2221 12/15 AA type mx, vernacular talk, good. (Hakiel) 11/28 2315-2400 constant vernacular talk, often with responsive repeats with echoey voices (known as "call and response" in the music world-CH). Signal clear with loop, allowing for good listening at 4 KHz selectivity. 12/1 2143 rapid dialogue in vernacular between male and female, xInt. 2145 brief bit of chanting with drums, more talk, then resumed. 2146 string music (that's a Kora-Chuck) with collective wailing like singing. (Weeks)

774 SPAIN Caceres? (and others-CH) 0230 12/26 SS vocal MoR mx, // 684 but weaker. (Purdue) 0447 12/13 SS talk, pop mx, good. (Hakiel)

774 WEST GERMANY DLF Bonn 12/15 0709 woman anncr during RNE fade // 1269. (Vernon)

783 BELIZE Belize City 0145 12/3 spur with ID as Radio One, distorted. (GH)

792 SPAIN Sevilla 2314 12/13 SS talk by man, poor. (Hakiel)

800 MEXICO Ciudad Juarez, Chihuahua XEROK 12/2 0428 surprised to hear an ad for La Frontera, a restaurant in Salt Lake City, Utah. ("La mejor comida mejicana en todo el estado de Utah"). XInt. (Wilkins)

819 MOROCCO Rabat 2132 12/15 AA chants, poor. (Hakiel)

825 ST. KITTS Basseterre 12/4 0300 extract from Handel's Water Music, then "welcome to your Wednesday evening broadcast of Rendezvous". Choral singing, sounded like a lively hymn. (Weeks)

828 MOROCCO Oujda 2342 12/16 AA talk and chants, poor. (Hakiel)

837 AZORES Borosa 2127 12/15 lilty folk tune, man/woman anncrs. (Hakiel)

846 ITALY Rome 0135 12/9 talk by man, good. (Hakiel) RAI Rome 12/13 0305 male w/EE soccer scores, 0305 classical type mx // 900. (Vernon)

855 SPAIN Murcia 0134 12/7 opera mx, SS talk, good. (Hakiel)

864 FRANCE Paris 0535 12/13 Slavic talk by man and woman, fair. (Hakiel)

870 ARGENTINA Buenos Aires LRA1 0230 12/28 cl mx w/arias, fair. (Hakiel)

873 WEST GERMANY Armed forces Network, Frankfurt 1/9 0250 dominant most of the time over a jumble of stations. EE commentary on basketball game between Texas and Arkansas // 6030. Deep fades. (Weeks)

873 USSR Mezen 12/12 1821 play of some kind, AFN GRM. (Vernon)

885 MONTSERRAT Plymouth ZJB 0235 11/28 reggae mx, EE talk, fair. (Hakiel)

890 ALASKA KBBI Homer 12/11 0602 woman asking us to tell a friend about frequency switch (ex 1250), reports of reception welcome, WRTH address, 0604 Bush Line News. (Vernon)

891 ALGERIA Algiers 0212 12/16 AA mx and talk, good. (Hakiel)

910 CUBA R. Reloj 12/4 0309 poor w/usual time pips and code IDs mixed with news. (Rigas)

936 USSR Lvov 12/15 0259 FS IS, male w/USSR ID, 0300 Bells, USSR NA // 801, 666. (Vernon)

945 FRANCE Toulouse 2228 12/12 FF talk by man, fair. (Hakiel)

945 USSR Rostov-na-Donu 12/15 0259 Mayak IS, no verie from this for local pgm last year. (Vernon)

950 MEXICO Tijuana BC XEGM 12/8 0731 fair, more or less dominant during rare SP of local KIMN. Mexipops on pgm "Buenos Noches, California". Heard a "Radio California" ID too. (Wilkins)

954 SPAIN Madrid 0302 12/7 SS talk by man, poor. (Hakiel)

963 NORTH SEA R. Caroline 963 12/13 0144 anncr John Tyler wanted "I Hate Christmas" letters, NY address, seems to carry own Caroline-963 program "Caroline Overdrive" till 4 AM (then R. Monique), can't get 558 due to local giant on 560, many mentions of Caroline-558 jocks. (Vernon)

970 COSTA RICA Alajuelita R. Impacto, TIRI 12/8 0126 fair but fading signal. Heard w/SS pop mx and "Impacto Musical" or "Radio Impacto" SIDs. // 6160

SW. Back in February 86 I logged them on 980 KHz. (Rigas)

981 UNID 2350-0002 12/28 modern mx, man in unid lang, sounded like Greek, then NA led off by drum roll, off 0002, fair. (Hakiel)

1017 WEST GERMANY Rheinsender 0035 12/28 light mx, GG talk by man, poor-fair. (Hakiel)

1030 HAITI Cap Haitien 4VEH 2353 12/21 religious mx, WBZ phased, good. (GH)

1/1 2346 religious program with hymns, 2358 s/off anncr; poor u/WBZ with KTW0. (BRW)

1035 PORTUGAL Lisboa 0216 12/26 PP vocal by female, fair. (Purdue) 2209 12/15 pop mx, PP talk, good. (Hakiel) 12/1 0250 PP talk, then male vocal in popular but non-rock song. Good signal with little of the usual WBZ slop. 0253 song similar to Spanish popular music. (Weeks)

1044 WEST GERMANY 11/24 just before 0300, light concert music, then IS with chimes, marching WRTH music score. Fadeout. Unusual here. (Weeks)

1062 PORTUGAL San Salvador 2206 12/15 pop mx, PP talk. (Hakiel)

1080 HAITI Port au Prince R. Nationale, 4VRD 12/27 0216 poor and fadey with a FF language talk by man. Mention of Radio Nationale. (Rigas)

1089 ENGLAND BBC synchro network 1/13 0744-0806 with Radio One IDs and pop music format and good signal. (Rugg) 2157 12/15 pop mx, EE talk, fair. (Hakiel)

1098 CZECHOSLOVAKIA Bratislava 2219 12/29 man and woman in Slavic talk, somber mx, fair. (Hakiel)

1107 EGYPT Batra 0027 12/13 AA mx and talk, fair. (Hakiel)

1116 ITALY Bari 2216 12/8 man in 11 talk, poor. (Hakiel)

1116 USSR Moscow etc. 12/18 0200 Bells, USSR NA, poor sig. (Vernon)

1125 YUGOSLAVIA Tovarnice 2233 12/9 light mx, Slavic talk // 1134, fair. (GH)

1134 KUWAIT Sulaibiyah 12/12 1821 male with AA type soft talk, xInt sig, almost a regular this time of year, no sign of AIR. (Vernon)

1134 YUGOSLAVIA Biograd 2136 12/14 ariaby man, Slavic talk by woman, good. (Hakiel)

1152 SCOTLAND R. Clyde, Glasgow 12/18 0215 two male anncrs, woman via phone, TV quiz, studio guest lost w/some very slanted questions, comical. XInt sig. (Vernon)

1165 ANTIGUA 12/15 0258 choir singing Christmas carol, good steady signal. 0300 carol, male FF anncr including "les chanteurs Noel". Bit in EE...."hope you enjoyed the music" with music in background. 0301 s/off? (Weeks)

1179 SWEDEN RSI Solvesborg 1/15 2303-2314 surprisingly good with minimum hassle from WHAM-1180 with RSI newscast in EE. (Rugg) 2153 12/17 woman in Swedish talk, good. (Hakiel)

1188t YEMEN Al-Hiswah 12/14 1719 faint trace, AA type mx, peaked 1722 with woman anncr, AA type talk, topping Hungary. (Vernon) New for you? I don't recall a Yemen report before....Chuck

1197 IRAQ Nineva 12/12 1821 AA mx, xInt sig, topping jammer. (Vernon)

1206 FRANCE Bordeaux 2138 12/8 AA mx and vocals, FF talk, fair. (Hakiel)

1224 IRAN/IRAQ 12/14 1745 jammers noted also on 1332, 1386, 1197, 1152, 1431 and 1566, very loud. (Vernon)

1242 USSR Ukraine Kiev etc. 12/14 1710 instrumental mx, 1714 IS. (Vernon)

1251 LIBYA Tripoli 0203 12/17 AA talk, AA mx, poor. (Hakiel)

1251 UNITED ARAB EMIRATES Dubai 12/12 1822 woman, AA singing, weak but // 1481. (Vernon)

1269 GERMANY Neumunster 2358 12/17 jazz combo, GG talk, fair. (Hakiel)

1310 COLOMBIA Barranquilla HJAK 12/24 1101 poor in WIBA null w/nx and many mentions of Barranquilla. (Rigas)

1314 NORWAY Kvitsoy 1/14 0115 booming in with mixed music format so loud that I taped it off the Superradio. (Rugg) 0603 12/13 US country type song w/EE vocals, xInt. (Hakiel) 1/5 0200 loud signal, has been heard many times this season. (Smolarek) 12/4 0327 strong with periodic fadeout with distortion but still good level. Four KHz setting gave satisfactory listening. 0330 talk, 0331 female vocal in traditional song in modal style, with accordion. Male anncr, then at 0337 big band number, 0345 Louis Armstrong's Hot Seven I recognize as being recorded in 1929 with "Potato Head Blues". 0359 female anncr. (Weeks)

1314 UNITED ARAB EMIRATES Dabiya 12/13 1758 AA mx, 1800 no pips, male anncr, 1801 male w/occasional talk o/mx, xInt sig, topping Norway, almost as good a signal as 1481. (Vernon)

1314 UNID, undoubtedly Kvitsoy, Norway 12/7 0540 loud het w/occasional bits of audio consisting of mellow vocal mx. Still waiting for my first positive TA ID. (Wilkins) But that day is coming soon....CH

1332 ITALY Roma 1/11 2141-2159 poor with opera to 2155, followed by pop instrumental mx to fadeout at 2159. (Rugg) 1/13 0601-0634 poor to fair in 11 with news, commentary and discussions. (Rugg)

1350 USSR Latvia Cesvaine etc. 12/13 0317 Latvian anthem in progress, 1319 woman anncr, IS, woman with news in Latvian, xInt. (Vernon)

1360 IRAQ Kirkuk 12/14 1752 AA singing, never noted a jammer on this (Vernon)

1374 ST. PIERRE ET MIQUELON seems to have shifted from 1375, noticed several times, 12/4 2115 rock music, 2123 another selection overlapping previous record. 2126, ditto. 2151 female FF talk followed by more music, then community anncts and at 2200 male reading news. (Weeks)

1374.2 UNID carrier, couldn't pull audio 12/7 0213. Probably St. Pierre et Miquelon reported here by others. No sign after about 0300, which would fit s/off time of SP et M. (Wilkins) Hey people, I often here this carrier here past 0300, like last night (1/24 around 0400 GMT). Do they stay on later on the weekends? Chuck

1377 FRANCE Lille 12/12 1746 male EE anncr, very poor sig, nut EE!! Instrumental mx GRM from presumed Ukraine, 1800 pips, woman "Ici Paris", faded, 1802 male w/Polish talk, never noted EE on MIW from France, misplaced mx RFI sked but don't recall a listing for EE. (Vernon)

1386 IRAN Ahwaz 12/14 1800 male, AA type talk, anyone got veries recently from Iran or Iraq? No luck here. (Vernon) Who has even heard them except you, I says....Chuck

1386 USSR R. Moscow, Kaliningrad 1/13 2358-2414 poor but a very nice surprise for country # 68 with Radio Moscow IS, IDs and news, all in EE. (Rugg) 0301 12/18 RR talk, R. Moscow theme, Kremlin Bells, fair. (Hakiel) 12/13 0351 male w/EE service // 1323, 1143, all good signals. (Vernon)

1395 ALBANIA Lushnje 2339 12/12 man and woman in SS talk, good. (Hakiel) 1/5 2303 woman talking in FF, heard often this year. (Smolarek) 12/30 2314 fair w/man and woman in Polish (?) // 9500; 1/3 2243-2254 loud w/woman in unid lang and program on folk mx; 1/4 2334-2345 fair w/man in unid lang and one folk vocal; 1/5 2303-2313 fair w/woman in Polish (?) // 9500. (DeLorenzo) 12/9 ALBANIA 2257 military band playing "Internationale". Gap. Repeated 2 trumpet IS up to the hour. Military music followed by female anncr "Radio Tirana, Radio Tirana" with heavily rolled R's. (Weeks)

1413 OMAN BBC Masirah Island 12/12 1818 EE talk about Derbyshire ship sinking, xInt. (Vernon)

1467 MONACO 1/4 2058 GG male talk followed by flute theme and more talk including "Auf wiederhoren". 2059:45 female annct, 2100 Handel orchestral theme. Fadeout, then talk in another language I could not ID. (Weeks) 0428 12/8 serious orchestral mx, AA talk, good. (Hakiel) 12/31 2230 TWR with "Rendezvous" program, hymns and male host; poor. (BRW) 1/4 2300-2315 fair w/Christian pgm in EE till apparent s/off 2315; 1/5 2258 fair with woman in unid lang, then faded. (DeLorenzo) 12/18 1957 Slav talk (?) reading what sounded like an address with numbers ending in "Monaco". 2028 rock music then GG talk, including "Abend..aufmuchen.. unser Glaube Gute Nacht und aufwiederhoren" and "Rundfunk Monte Carlo" at 2030 ID. Classical guitar theme. Female GG anncr, 2031 choir with Renaissance instruments. Faded. (Weeks)

1470 MEXICO Los Mochis, Sinaloa XECU 12/7 0120 many local concert promos, other ads, then tuba music distinctive to the region. Fair but fadey, not much GRM. (Wilkins)

1503 POLAND Stargard 1/8 0537-0538 with piano mx and lady talking. Although reception was poor, this was one of the best signals ever heard from them. (Rugg)

1512 BELGIUM BRT Wolveterm 1/13 0740-0743 at good level (stronger than 1510 domestics) with EE pop vocals and man talking in unid tongue (Dutch?) (Rugg) 2028 strong with loop, some het, hearable at 4 KHz selectivity setting. Interval signal with chimes (so so so so/ tee do so /me me fah re me fah so). Fadeout. 2030 FF ID including "a destination..... Europe..emission de Bruxelles". News w/igh frequent references to Fla mande. 2040 more news items with reference to Sunday openings of stores. 2044 a commentary on gas and electricity. (Weeks)

1512 USSR Estonia, Tallinn 12/15 0304 Moscow Program One, news sounder, poor signal. (Vernon)

1521 SAUDI ARABIA 1/11 2128-2130 with best-ever signal; completely in the clear when WKKB faded away for 2 minutes and took the het away with them! Also logged same time by Sheldon Harvey 3 miles from me. Program was usual AA commentary and chanting. (Rugg) 2112 12/7 AA talk by man, good. (Hakiel) 12/2 0307 AA music in WKBW slop, 0310 low-pitched male chanting. Signal improving to fair strength, 2.2 KHz bandwidth strategic for suppressing strong het. 0324 signal fairly free from slop. 0331 AA talk. This has been a frtequent visitor these days, the music being often recordable. (Weeks)

1530 VATICAN 12/15 0602 male EE talk, religious story, xInt. (Vernon)

1548 ENGLAND Capitol Radio, London 12/13 0202-0222 rr mx mixing with Radio Two, 0222 recorded ID ... in London, 94.8 in FM stereo". (Vernon)

1555 CAYMAN ISLANDS R. Cayman 1/14 2353-2448 poor with music, news and dramas for country # 69. (Rugg)

1566 SOUTH KOREA HLAZ Cheju 12/14 1802 choir mx, male KK anncr then NA. 1804 male KK s/off annct, instrumental song "Snowbird", 1808 religious band

mx, man and woman anncrs, 1809 male anncr in RR. So does s/off as listed in WRTH but then goes into a RR pgm'' Jammer noted, but believe this is from Iran-Iraq area. (Vernon)

1566 TUNISIA Sfax 1/5 2319-2330 just snatches of AA vocal mx on strong carrier. (DeLorenzo)

1570 TURKS AND CAICOS ISLANDS 0231 12/4 religious format, ID and asking for reports to Atlantic Beacon, good. (Hakiel) 1/5 2345 loud, way atop w/ID between religious programs. A once rare country has become routine. (DeLorenzo) 12/28 0220 pulled out an ID after 2 hours of fragmentary reception of US religion. Could only null XERF's 250 KW about 75%. Pleased. (Wilkins)

1580 MEXICO Hermosillo, Sonora XEDM 12/25 0132 Pacific League beisbol. Hermosillo versus Obregon Yaquis. Good signal, as usual. (Wilkins)

1584 SPAIN graveyarders 0153 12/14 mix of several stations, good. (Hakiel)

1593 WEST GERMANY Langenberg 0150 12/14 US pop songs in EE, GG talk, fair. (Hakiel) 12/1 0315 rock music, instrumental with male vocal. GG talk. Fades every few seconds but still good signal level. 0323 another rock number introduced by "auf meinen Augen". (Weeks)

1610 ANGUILLA Caribbean Beacon 12/2 0302 choir singing hymn, then annct about free Bible course with address, choir. (Weeks)

1611 VATICAN 12/18 0300 woman anncr, a bit distorted, 0301 male anncr // 1530 w/listed Romanian, good signal for short time, new here, tried many times. (Vernon) 12/1 0324 strong het, but controllable. Female talk but difficult to copy. Quite variable signal level. 0329 checked 1610, only a het. IS (cf WRTH) repeated. Male anncr: "Radio Vaticana", 0331 excerpt of band playing military sounding music. Talk, then popular music. Signal improving to a fair level. Not heard before here. (Weeks)

BRW-Williamsford, ONT HQ180AC, R71A, CR2021, ICF2010, SM2, (that's Michael Bolitho, 500' E, 1000' SE, 2000' SW Beverages Paul Routenbourg and Neil Wolfish on a Beverage trip in the middle of the Canadian winter) Marc DeLirious DeLorenzo-Warner Robbins, GA HQ100, SM1 George Hakiel-W. Islip, NY Racial 6790, R71A, LW's, loops, phasers Ronald Purdue-Byron, MN FRG8800, ?????????? antenna Christos Rigas-Chicago, ILL R2000, Kowalski loop Andy Rugged-Nun's Island, PG R390A, HQ180, 125' LW R2000, Kowalski loop (blatant imitator of Rigas..Chuck) Bob Smolarek-Oldwick, NJ FRG7000, R7A, 3 Beverages, 23 trillion feet of snow, 24 trillion polar bears Peter Weeks-Frederickton, NB FRG7700 (Gilfer modified), 3' NRC loop, 2 lw's, Connelly phasing unit John Wilkins-Wheat Ridge, CO R1000, R390A, 4' box loop

So am I tired of typing?? Not yet! When you skip columns like I do, you get plenty of rest. So here's a condensed version of a letter from Werner Funken houser about his recent 840 loggings.

"A number of people suggested R. Caribbean, St. Lucia on an extended schedule past their listed s/off. So I called R. Caribbean and spoke to a very surprised Kirby Allaim who's a DJ there. I also talked to Winston Foster the station manager. They operate 840 // 1210 (Dominica) from 0500 to 0000 local time (0900 to 0400 UTC), 24 hours FM and they're off the air Sunday. Programming is French except between 2330 and 0200 (UTC) when Marcellus Miller hosts a Patois (Creole) program. After that, they relay R. Caribbean in Martinique. So they do relay something alright! Within a few months they will move to the south side of St. Lucia and will use 20 kW. During this upheaval they will keep their present sked on 1090 and FM. They will DX test their new installation-how's that for arranging a DX test?

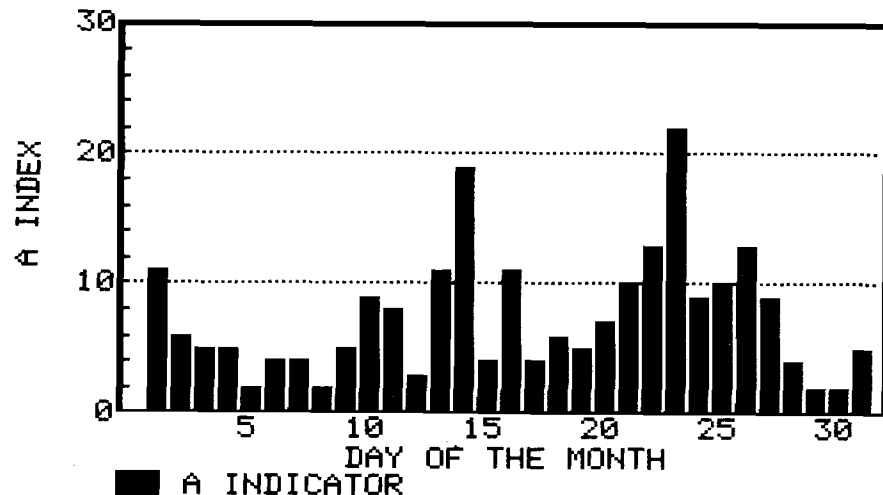
You may not believe this but it's on tape. Because I'd been hearing their signal during early evenings, I was asked to listen during the Patois show 11/17. They were in there with WHAS splatter and at times poor but improving as I listened. Around 2355 they drifted up a bit and I thought I heard English. Yes! Marcellus Miller was dedicating something to me, and "thank you for calling us from Canada, and keep listening". At 0112 after news he mentioned my name again although I did not hear any English. After that they really drifted up strong, all in Patois, playing nice EZE music (ballads, Frank Sinatra, old rock vocals, etc.).

Veries: 940 Cuba R. Reloj v/I and sticker, returned IRC's. U/s Georgina Duvallon Pena, Calle P, No 55 esq. a 23 Vedado, Apartado Postal 4211, Habana 4. (Rugg) And Vernon's veries from last season: Newcastle 1458, Manx Radio 1368, Jersey 1026, Scotland 810, Ireland 1305, Nancy 837, Alsace 1278, RTBF 1125, Sweden 1179, Morocco 1044, Kuwait 1134, Israel 738, Bucharest 1053, Portugal 720, Portugal 963, Germany 855, Germany 1269, 72L 603, 2GN 1368, 4AY 891, 4HI 1143, KTWG 801, Caribbean Beacon 1610, China 1377, Monaco 1467 and 218 and Czechoslovakia 272.

AFR GRAPH

Russ Edmunds, 753 Valley Road, Blue Bell, PA 19422

AFR GRAPH/DECEMBER



CONTESTS

Robert Kramer, P.O. Box 12633, Chicago, IL 60612

CONTEST STANDINGS as of 1/19/87

DXER	A	B	C	D	E	F	G
G. Sherman, MN	3388	3058	10	2	3	4	--
N. Wolfish, MB	3280	2715	10	6	6	6	135
R. Vance, CO	2599	1629	11	7	2	0	570
D. Hascall, IN	1677	1437	8	2	0	2	--
S. Gozovat, NY	1612	1219	2	2	5	4	243
D. McIntyre, AB	1560	887	7	3	1	0	443
L. Carpenter, CA	1394	803	3	1	1	2	481
N. Hardy, WA	1122	608	5	1	1	0	364
E. Hardy, WA	599	328	3	0	0	0	196
B. Walker, MI	322	247	3	0	0	0	--
me	4070	3635	11	4	7	6	--

noncontestant
4 7 6

by John J. Rieger

The reasons for the "AM-azing Wisconsin" title is this is a look at some of the AM radio stations throughout the dairy state! The trip was taken on Monday January 12, 1987. I hope you will enjoy it as much as I did! We will start at Wisconsin's Southeast section, go North on 141, West on 10, and head back home to the Milwaukee area on I-94. Hang on, this gets good!

When leaving home 1050-WLIP was AdCon, and a very lively variety at that! WLIP-Kenosha runs only 2 hours past sunset, and not 24 hours, as some stations have been granted! Many commercials, and local news is run on the hour. 1400-WRIN Racine is a more subdued AdCon, with personality. News is run from ABCI on the hour, with local news on the half hour. The station sounds good! 1460-WRKR Racine runs only til 6pm, and simulcasts the FM 100.7 at all times. The station has been WVEG with country, WRKR-AM with Spanish "Radio Hit" and many years ago was WRAC, a local Racine Top40 daytimer. Those, however seem to have gone the way of Fizzies! Remember those!

Milwaukee AM radio is basically the same as last week, hi! 620-WTMJ is heavily into news, talk, sports and personality. 860-WNOV is black, with GOS in the morning, 920-WOKY is MoR and really sounds good to this 33 year old. I grew up with "waukee in Milwaukee" and though it was a Top40 giant in the 50's, 60's and 70's, it is doing well today! CBS news hourly, and local news on the hour in AM/PM drive. 1130-WISN is into personality, and AdCon music. Sportstalk starts at 6pm with Larry King and then ABC Talkradio at 2am. WTMJ is Talknet by the way, so these two AdCon giants are head to head on programming. However, WTMJ with its good signal, and heavy sports emphasis beats the socks off of WISN. 1250-WEMP is 50's, 60's, 70's oldies and sounds good. It is nice to hear an oldies station that isn't AdCon in approach. The station kicks asphalt! ABCe runs on the hour after local news 6am-6pm. Half hour news updates. 1290-WMVP Greenfield-Milwaukee is Satellite fed. The Heart & Soul format is used. This appeals to an older black audience. However, WMVP has, by far, the best signal of any black oriented radio station in the area. WNOV runs 2.7 watts or something like that after local sunset, while 1590-WAWA runs about 7 watts until the 6pm sign off! WNOV is on til midnight. WMVP is 24 hours. 1340-WBCS simulcasts the FM 102.9 country music format. Music Country Network is aired nightly, and Milwaukee Admiral Hockey games are aired.

That was the longest paragraph ever, hi! 1510-WAUK Waukesha Milwaukee is a 10,000 watt country music outlet. This station has had several format changes over the past few years. To me, the switch to country was stupid because they are trying to compete with 2 50,000 watt FM country outlets, 1340 is fulltime, plus we can hear WMAQ-Chicago too! You hardly ever hear ads on the station and I don't know how they pay the bills! News is run hourly whereas the FM's run news only in AM drive. WAUK also is only a daytimer! I am of the belief that the station could run a Music of Your Life format, which would attract older listeners, who might listen to AM radio during the day, and flip on the TV at night! Oh well. Lastly in the Milwaukee area, 1590-WAWA West Allis is a daytimer and runs black programming. The station recently has begun running GOS from 10am-2pm CLT. The station will soon be on 1200 kilocycles. I still like that word better...kilocycles! So, I wonder if someone will want the 1590 frequency!

Now going up Highway 141, you get to down home radio! 1470-WBKV West Bend is AdCon and personality oriented. High School sports abound, News on the hour, Tradio, etc. 1560-WGLB Port Washington simulcasts the FM (100.1) at all times. The station is a daytimer, and is a very hard AdCon with much black product. They must have good service from certain record labels, hi! I mean Port Washington is less than 3% black! The station however sounds good. Only problem is the many Milwaukee mentions! The station will never penetrate the Beer City market and thus should give up! The "hometown radio station" approach might be nice! 540-WYLO Jackson/Milwaukee is all religion/ethnic. They are on the air from 5am-12mid CLT. The were country for years until the mid 1970's. I can still remember picking up

the "Way-Low Top 54" record surveys! Boy am I dating myself!

Going Northwest, 1430-WBEV Beaver Dam is an excellent example of what a good hometown station should sound like! ABC news on the hour, local news on the half hour, with AdCon all day, 8000 commercials per hour, etc! The station runs oldies nightly from 6-12mid sigh off CLT. 1170-WLKE Waupun-Fond du Lac-Beaver Dam is satellite oldies, and is a daytimer. I guess I can't stand satellite operations. I just remember how well WLKE sounded back in 1966 when the station hit the airwaves! Top40, like so many AM stations were! That was how I got into dx'ing. I was trying to keep a record of all the Top40 stations I could hear! Some kid growing up now would have to love News or Talk or ethnic or religious programming! It seems AM has been made the dumping grounds! It is sad, because I remember how good it was! End of sermon.

1420-WPLY Plymouth is local, live oldies and the daytimer sounds good! Jingles and good oldies abound! CNN news is carried on the hour. Plymouth is near Sheboygan where 950-WKTS Sheboygan is Standards, and 1330-WHBL Sheboygan is AdCon with a heavy sports emphasis! ABC news on the half hour, but WHBL announcers hardly ever say the stations call letters!

I can still hear 1370-WKSH Sussex-Milwaukee fading out. The station is Contemporary Christian, and sounds good. "KS 14" runs news at :50 during the daytime hours only. They are on the air until midnight, though you can't hear them in most of Milwaukee after their pattern change.

1280-WNAM Neenah-Menasha was playing "Help Me Rhonda" by the Beach Boys. The station is AdCon, dumping Top40 only a few years ago. The station, to me, never was a great Top40, as there was way too much personality, news, etc. 690-WCKK Oshkosh is Music of Your Life. The station has found its niche, and sounds fairly good. Another former Top40 outlet. 1150-WYNE Kimberly-Appleton-Neenah-Oshkosh-Green Bay (whew!) is country. Another former Top40, and a good one at that! 1440-WNFL Green Bay is AdCon and has really had the same sound for the past 10 years! They are consistent, and they sound good!

1090-WISS Berlin is a treat, with a capital "T"! The station, tucked away in the farming community of Berlin, (BER/lin) is a gem. Polkas, country, and AdCon are aired on "AM 11-FM 102" and the station really sounds good for its market size. The WISS trivia contest would be upcoming soon! The station is daytime only, and recently got a new jingle package. 800-WDUX Waubesa is a bland AdCon. "AM 800-FM 92" has a good signal throughout central Wisconsin. Another former Top40.

West on Highway 10, 730-WJMT Merrill starts to pop through. The station is AdCon, and local sounding, not small town, but not a 50,000 watt giant either. Not bad. "WOLD" by Harry Chapin is being aired with no call letters given between the ads and the song. Good place to insert a jingle.

1150-WAYY Chippewa Falls seems to have dropped its oldies format and is now playing some really old c&w music. Much personality is noted. 790-WEAQ Eau Claire seems to be soft AdCon now, after being nostalgia. Another former Top40. There was a contest on the air, and the lady was talking about a Beach Boys special on HBO I believe, and she asked the announcer: "Do you have any Beach Boy songs?" The answer: "No!" I guess WEAQ just lost a listener, hi! Too bad WAYY wasn't oldies, hi!

680-WOGG Hallie was playing a softer c&w music, with some REL c&w too. Much personality and there was talk of a snow storm headed from Minnesota to Wisconsin. Time to head home! 1090-WMYD Rice Lake is satellite oldies. The station formerly simulcast WAQE-FM but it is funny how in some some towns, Rice Lake is not Chicago, the stations are run separately AM and FM! In Milwaukee WBCS is simulcast, as was WZUU-AM before it became WMVP. It is sad to hear 1220-WGAR Cleveland, 50000 watts, simulcasting an FM Sister!

Gotta beat the snow! The sun is out on 1-94 as 900-WNNO Wisconsin Dells is in with c&w music, and "AM 900" is. The station only has on the hour, when required. "AM 900" really isn't too descriptive. Oh well, at least the station is live, and not taped or satellite. This is good. The call letters W-N-N-O stand for Nine Nine Oh when the station was on 990 up til a few years ago. 740-WRPG Baraboo is the latest station in Wisconsin to go on the bird! The station is AdCon and is using the "StarStation" slogan, along with satellite. The station really sounded good as a live AdCon, but as usual, money prevails.

Moving toward Madison and the sun is shining! What a beautiful day! The virgin snow is laying gently along the sides of 1-94, where it should be. However, it is picturesque! 1070-WTSD Madison is country, and the number one station in the Capital City! Much personality, and many "AM 1070" mentions. Not the typical 5 in a row stuff! 1310-WIBA Madison is always strong on local news and carries CBS and seems to play oldies at night. AdCon all other times. WIBA is heavy on sports carrying the Milwaukee Brewers, Green Bay Packers and the Milwaukee Bucks. UW Badger football is carried here and also on WTDY and WTSD! 1550-WHIT Madison is automated oldies, 5 in a row with no talk. Bland. This daytimer has been oldies for some time now. 1480-WTOY Madison is the former WISM, a Top40 giant! WTOY "Today Radio" is NBC and AdCon. Talknet is carried, and the station is trying to be the AdCon personality giant in 6 months, what it took WIBA years to do. Growth, station loyalty, etc. WTOY sounds bland. I think it could sound better. Of course half of the old-line AM Top40's could. Growing pains!

970-WHA-Madison is also noted with the regular NPR fare, and daytime call-in shows. Daytime only.

Now for the final miles home from Madison to Milwaukee along 1-94. Roads are still good and the sun is still high in the air glistening on those below. Still a wonderful winter day in Wisconsin! Not really too cold. 37 degrees is nice in January in Wisconsin. Believe me! 940-WFAW Fort Atkinson is noted with a fishing report, and an ad for "Lon's Country Store" open on New Year's Eve! However, remember it's January 12th! "Information94 WFAW" is AdCon with a good news commitment, and many, many commercials. The station, 20 years ago, was Top40, with its own weekly record survey! Still, the station sounds good.

From the stateline area, I can hear 1230-WCLO Janesville with AdCon and a promo for a High School basketball game to be on the air later in the day! The station hardly used call letters between songs. This, for WCLO, is rare. The station sounds good usually. 1490-WGEZ Beloit is oldies. "Stand" by Sly and the Family Stone, and "After Midnight" by Eric Clapton are heard. The station is rockin on AM! "The Stateline Oldies Station" sounds good.

1350-WPDR Portage is c&w. Local news is aired along with a weather report from a staff meteorologist. Seems everyone has a staff meteorologist these days, hi! If they were ever right... hi! Many "1350" mentions, and the station sounds local, but not small townish. 1550-WMIR Lake Geneva is AdCon and uses many "Radio 15" slogans. Many ads, and the station has really had the same sound over the past years. Seemingly bland, but could be a lot worse. Daytimer.

The nice thing is there are still a lot of stations with local programming in Wisconsin. Few AMs are taped, satellite or simulcasting the FM sisters. If you have two stations, you can make money on two stations! There are audiences for both AM and FM. It is just finding the right formula for each. While I'll admit FM seems to have the edge, I don't think AM can be written off yet. As a dx'er, for the hobby I listen to AM radio, yet if you ask anyone, I mean anyone, they will admit they listen to an FM station. The only time AM seems to be mentioned is for sports programming. Try it! And then you'll see why AM dx'ers seem to be a dying breed! The kids today have FM. AM to them must seem like shortwave or something! Oh well!

By the way, now comes the confession. This radio trip was for free. No gas, no wear and tear on the car, and no going to any of the great shopping malls through Wisconsin blowing money. This little trip was done from the privacy of my "DX den" in my home! I never even started the engine! Just flipped the receiver to "on" and "drove" around the state! I hope you found this as interesting as I did. It was fun. I think that was one lure to dx. I could, in the middle of a cold winter, always "escape" to anywhere...through my headphones!

I sincerely, again, hoped you liked the imaginary trip. Some other noted jotted down as a P.S. to this are in order. WRKR is Top40. WCKK is 24 hours on 690, and please remember, 10am-2pm, and I was only going after Wisconsin stations. Other stations that were too poor to log were not included to this.



NAB making push for high fidelity AM

Association is urging AM broadcasters to accept recommendations of NRSC—uniform preemphasis curve and limiting programming audio bandwidth

The National Association of Broadcasters is about to launch a \$28,000 campaign to persuade the nation's 5,000 AM radio stations to adopt a uniform preemphasis curve and limit the audio bandwidth of their programming, steps the NAB believes will lead to high-fidelity AM.

The NAB believes that if most stations make the change, receiver manufacturers will begin producing wideband receivers with a complementary deemphasis curve, and the fidelity gap between AM and FM that has been widening over the past two decades will begin to narrow.

The National Radio Systems Committee, a group of broadcasters and receiver manufacturers, gave final approval on Jan. 10 to a voluntary standard calling for the standard preemphasis and deemphasis curves and limitation of audio bandwidth to 10 kHz. But because it is voluntary, broadcasters and receiver manufacturers have to be convinced to implement it.

"This is not a chicken-and-egg situation," said Michael Rau, the NAB staff engineer who heads the ad hoc NAB's task force formed to sell the so-called NRSC standard to broadcasters. "The broadcasters have to come first. We have to show some reasonable intent to implement the standard. If we do, I have no doubt we will see some wideband receivers."

Rau also acknowledged, however, that receiver manufacturers may also want to see the establishment of an AM stereo standard before they start producing high-fidelity radios. Some receiver manufacturers believe they will not be able to sell high-fidelity AM without stereo, Rau said. "It certainly would be desirable to have a resolution of the AM stereo question," he said.

Although the FCC authorized AM stereo broadcasting nearly five years ago, the service has not really gotten off the ground due to a lack of a standard. With some stations broadcasting in stereo with Motorola's C-QUAM and others with Kahn Communications' single-sideband system, large-scale production of AM stereo radios by most manufacturers has yet to begin.

AM has been trapped in a cycle of degenerating fidelity for many years. To mitigate interference among stations, manufacturers have been making AM radios with less and less frequency response. To compensate for the poor response of the radios, AM broadcasters have been boosting or preemphasizing the high frequencies of the audio. Thus, the cycle has been established: The more preemphasis the broadcasters have used, the more interference they have caused and the narrower the frequency response of the radios has had to be. Today, the response of a typical AM radio set is no more than 4 kHz compared to the 15 kHz response of FM.

By eliminating excessive preemphasis and curtailing second-adjacent channel interference, the widespread adoption of the NRSC standard would permit the production of AM radios with a frequency response of 10 kHz, which is generally considered the low end of high fidelity. Some audio experts maintain that most people are unable to distinguish between 10 kHz and 15 kHz.

Curtailing the second-adjacent channel interference is achieved principally by limiting the bandwidth of the audio fed to the transmitter to 10 kHz rather than 15 kHz now allowable under FCC rules. According to Rau, in a further effort to mitigate such interference, the NRSC is now trying to come up with operational and performance standards for AM transmitters to limit or "mask" spurious RF emissions of plus or minus 10 kHz.)

To convince receiver manufacturers to make wideband radios, Rau said, more than half the AM stations in the country, including three-quarters of those in the major markets, will have to adopt the standard.

To reach those levels, the NAB executive committee authorized, and the ad hoc task force is implementing, an information campaign. In addition to Rau, the NAB task force comprises Loretta Ucelli, vice president, public affairs and communications; Barry Unmansk, deputy general counsel, and Michael Parnigoni, senior vice president, radio.

The heart of the campaign, which will have its own logo and slogans, will be a direct mailing to every AM station prior to the NAB convention, March 28-31 in Dallas. The package will contain detailed information on the standard, the reasons for it and a plea to implement it. It will also include a pre-paid postcard asking stations whether they will implement it. The direct mailing will be followed up by phone calls by NAB board members and others to every station that did not return the card.

To promote the standard and generate excitement about it, the NAB (with the help of WWRIC[AM] Washington) will produce an audio-visual presentation that will demonstrate the fidelity that can be achieved through the standard. The production will be shown at the NAB and made available to state broadcasting associations and others.

At the NAB convention, NAB President Eddie Fritts will mention the standard in his opening address. As part of the convention engineering program, John Marino, vice president, engineering, NewCity Communications, who was co-chairman of a key NRSC subgroup, will give a report on the standard, and a panel of engineers will discuss technical implementation. A management session on AM improvement activities will also include discussion of the standard.

Also at the convention, the NAB engineering staff will demonstrate what the standard can do for AM using prototype wideband AM radios with standard deemphasis manufactured by Delco Electronics, Sony and, possibly, others. Rau will travel to several regional meetings of the Society of

Broadcast Engineers during 1986 to discuss the standard. In addition, Rau said, he will accept invitations to speak at as many state broadcasting association meetings as his time and budget allow.

Because some AM station may have the desire but not the financial ability to buy new audio processing equipment capable of limiting the audio bandwidth to 10 kHz, Rau said, NAB is considering making bandwidth limiting devices available to stations at or near cost—a "few hundred dollars." Such stations could comply with the preemphasis curve by adjusting their existing audio processors, he said.

The NAB task force will not be starting from point zero. A few broadcasting groups with AM stations, through their participation in the standards-setting effort, have tacitly or, in some cases, explicitly made a commitment to implement the standard.

And although there is no way to measure broadcasting support for the standard, it can be said there is little opposition to it. When the standard was released as a draft last September, the NRSC gave interested parties until Dec. 15 to voice objections. Only two broadcasters did. And, according to Rau, only one of the two—Bonneville International Corp.—has problems with the standard that can't seem to be resolved.

Bonneville's principal concern is the limitation of the audio bandwidth, Rau said. In comments to the NRSC, Bonneville argued against cutting the bandwidth from 15 kHz to 10 kHz. "After 65 years of AM broadcasting, NRSC says this sacrifice is necessary to improve AM," Bonneville said. "Until now, narrow AM receivers were the bottleneck. Now AM broadcasters are supposed to put another bottleneck in the AM signal by cutting their spatial frequency components so important to stereo by 33% and calling it AM improvement. This to reduce second adjacent channel interference from a few AM stations authorized by an errant FCC a few years ago. We don't cut off everybody's arms because a few people have broken arms. We try to fix the broken arms... AM needs to be [made] more comparable to FM by removing the real bottleneck, the narrow receivers, and [by maintaining] the present respectable 15 kHz bandwidth of the local signal."

With or without Bonneville's support, Rau said, the NRSC will publish the standard and submit it to the American National Standards Institute. "It's not right to hold up the standard for one guy when there is so much support for it." □

BROADCASTING 1/19
VIA J. ★

CBS AMs to Convert to Stereo

by David Hughes
RADIO WORLD
VIA J. ★

New York NY ... As of mid-December, CBS maintained that it will definitely convert its six AM stations to stereo, while Group W/Westinghouse said it planned to have its seven AM stations converted to Motorola's C-QUAM system by the end of 1986.

Helene Blieberg, director of media relations for the CBS Radio Division, told RW that the network definitely plans to convert its AM stations to stereo, but that it has not decided on a timetable or on an AM stereo system.

Her comments follow an article in the 1 December issue of RW in which she was quoted as saying that CBS had not decided to convert its AM stations to stereo.

However, she maintained that the article "erroneously state(d)" the CBS position. "While we have not committed to a particular system, it is our intention to convert the six stations in the CBS AM Group to stereo," she said.

She did not deny that CBS's 50 kW Los Angeles station, KNX, has been broadcasting in stereo using the C-QUAM system for at least a year. Motorola said that it features the all-news KNX on its official list of the more than 300 C-QUAM stations. KNX does not publicly promote the fact that it broadcasts in C-QUAM stereo, however.

Industry rumors have held that CBS is planning to convert its AM stations—including 50 kW operations in New York, Philadelphia and St. Louis—to Motorola's C-QUAM AM stereo system.

The decision in principle by CBS to convert its chain of stations to AM stereo followed the recent conversion of the seven Group W/Westinghouse-owned AM stations to C-QUAM stereo.

At RW's mid-December press time, Group W AM Engineering Manager E. Glynn Walden said that he hoped to have the final conversion of the last station in the chain, 50 kW KYW, Philadelphia, accomplished by 31 December.

The other Group W AM stations, including 50 kW operations in Boston and Pittsburgh, have already been converted, according to Walden. New York's 50 kW WINS was converted to stereo in early December. "Everything is on track," he said.

Denver's 5 kW KEZW reported a large number of calls from listeners on not only the switch to stereo but on an overall cleaner sound, Walden reported. He added that Pittsburgh's KDKA, which went stereo about a year ago, received a call an hour regarding stereo for the first few days, even though the station had not yet announced the switch.

Group W is planning a major AM stereo marketing and promotional campaign for early 1987, including spots for all seven stations," Walden said. "We want to get something in return."

In other AM stereo developments, a report on AM stereo being prepared by the National Telecommunications Information Agency (NTIA), an arm of the Department of Commerce, will be finished in late January or early February, according to R. T. Gregg of the NTIA public affairs department.

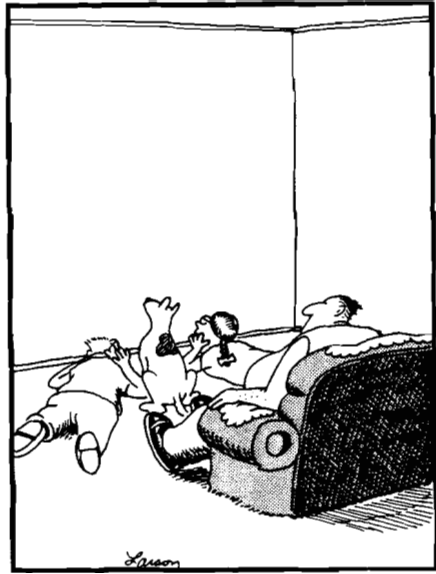
Originally, the final report, which will focus on the status of AM stereo both nationally and internationally, was due to be released by the end of December.

As of mid-December, the NTIA was in the process of examining replies to an AM stereo survey it is conducting of AM stations, Gregg said.

The NTIA report will examine whether a de facto AM stereo standard exists in the US and whether the FCC should abandon its marketplace approach and become actively involved in setting a formal standard.

No new developments have been reported on Canada's attempts to set an AM stereo standard. In October, the Canadian Association of Broadcasters (CAB) recommended that the Department of Communications (DOC) pick the C-QUAM system as Canada's official AM stereo standard.

While the CAB's recommendation is expected to carry a lot of weight, the DOC is not scheduled to decide the matter until the first quarter of 1987, according to CAB Senior VP/Radio Pierre Nadeau. He said the CAB expects a DOC decision by March. ■



In the days before television

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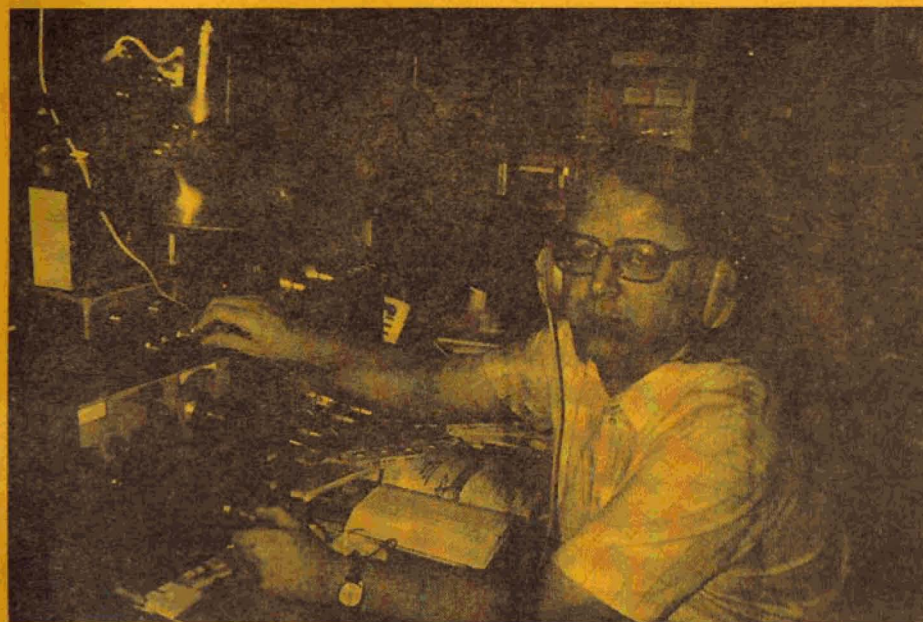
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Dr. & Mrs. James S.	Simons Jr. Hill	AA4LH	AL A	
Leslie H. Guy	Carpenter	W6IUV	CA A	
Steve Dan	Lizotte	W7E11	CA T	
Alan	Smith	WA6RIF	CA A	
Dennis	Sheedy	WA6SOC	CA T	
Al	Mayer	WB6FJD	CA A	
Gary	Jackson	WD9IRV	CA A	2-80 SSB, FM
Peter W.	Resnick	K1QHV	CT A	160AM, 75SSB, 2FM
John N.	Mitchell	K3PXR	CT A	160,80,75,40,12,+2m
Jerry	Kemp	KH8AC	CT G	40/80/160 CW
Erwin R.	Ramsey	K21Z	CT E	80-10+VHF-SSB, FM, RTTY, CW, SSTV, FSTV, OSCAR, PACKET
James T.	Hornak	NIAKB	CT A	
Tim	Hornak	NIAGV	CT	
Larry	Sparks	NIES	CT E	
James V.	Clary	WB91HH	CT E	80-40 CW, 2FM
Charles	Dotson	KA8QGL	FL G	
Al	Van Horn	N5FFW	FL T	
Dr. Tom E.H.	Hagan	WA4GHK	FL T	2, 220, 432 + 1750 KHz
John A.	Hutton	WD4ELO	GA A	160-10 CW, SSB
Harry	Mariani, MD	AH6DO	HI A	
Kent T.	Gruis	KOHTF	IA E	160,6,2,220,6m. beacon 50.07, Lowfer
R.G.	Callarman	KA9SPA	IL N	
Carl	Priester	W9F80	IL A	
Dick	Crawford	W9DEM	IL A	
William P.	Abshier	WA9ZYG	IL A	
Stephen H.	Dabelstein	K0SBV	KS A	80-10 CW
Larry	Truax	K8GVU	KY G	10-160 CW & SSB +2M FM, SSB
Peter G.	Hartlage	WD4JLT	KY N	
John. F.	Ponder	KA5UOR	LA N	
Paul B.	Weil	KA1BCP	MA T	
Mark	George	KA1NHJ	MA N	
Mike	Kay	KA1XC	MA A	
Chuck	Sawyer	W1MF6	MA G	
Larry	Connelly	WA1IDN	MA E	75AM, SSB
Robert C.	Colesante	KC8C	MD E	
Michael	Spellman	WA3WKW	MD A	40/80m CW/AM
John H.	Putman	WB3ANQ	MD T	
Rose II	Walker	KA8VQB	MI T	2FM
Robert	Addy	N8GDC	MI T	
Bill	Rose II	NJ8Q	MI E	
Dave	Fehr	K0WPK	MN E	160-10 CW/SSB, + 2 & 1 1/4 FM
John	Marvin	KB9IV	MN A	
Edwin	Castner	KR0G	MO E	
William G.	Tudenhams	W0JRP	MO A	
James O.	Goad	K4AUH	NC E	
Charles A.	McDowell	K4CIA	NC E	
Daniel L.	Headlee	KJ4B	NC E	
Jeff H.	Taylor	WD9INP	NC T	
Peter J.	Viens	WB1CSV	NH N	
Paul E.	Ross	K20D	NJ	
Robert G.	Curry	KA2TTU	NJ N	
Eric W.	Sojka	KS2S	NJ E	
Paul R.	Stonier	N2CJS	NJ G	2FM
John D.	Cruser	W2DYR	NJ A	160-10 AM, SSB
Charles L.	Mount	WA2Q80	NJ N	
Thomas J.	Bowker	WA2WEN	NJ A	80-10 SSB
Glenn L.	Bartlett	WB2BQY	NJ G	
Bill	Arey	WB2GHA	NJ G	80-10, 2FM
John T.	Thompson	W55UV	NM A	
Howard J.	Thompson	KA2ABB	NY N	
Robert	Ridge	WA2GMD	NY G	
Ken	Swertfager	WA2ORX	NY E	
George	Galerstein	WB2VGD	NY A	10-40 CW/SSB
Tim	Noffsinger	AE8I	OH E	
Robb	Greene	K8NDY	OH T	
Pat	Cook	WA2LZ2	OH G	
Tom	Leamy	WB8BHU	OH G	
Herbert	Flanagan	W8NUM	OH A	160-10, 2M
Ed	Dimeo	K3DOL	PA A	
Glenn	Heller	K3DE	PA E	10
	Kowalski	K3PRE	PA T	2FM; 6 SSB
	Jacobs	K3WE1	PA G	

First Name	Last Name	Ham Call	St C	HAM OPERATION
Rev. Alex	Garcia-Rivera	NP410	PA T	
John	Shiels	W30KP	PA A	80, 15
Russell J.	Edmunds	WB2BJH	PA T	2 SSB, FM
Kurt A.	Nelson	WB3LJA	PA T	6 CW, AM, SSB, FM
Craig	Healy	NG1U	R1 E	160-10 Phone & 2FM
George	Mulfinger, Jr.	W4CNR	SC A	40
Albert	Earnhardt	WB4AFR	SC E	160/80/40 CW, SSB
Bill	Coleman, Jr.	KA4DAP	TN T	80/40
Steve	Kennedy	KB4PZX	TN T	40 CW
Dan	Phillips	N4NU	TN E	160 thru 2M
Robert	Hackett	W5EPL	TX A	
Dan	Hronadka	WA5TLR	TX T	
Alan	Merriman	K4GLU	VA E	20 CW
David J.	Kennedy	K4HZF	VA G	
Jorge	Mestre	KA4ETZ	VA N	
Larry T.	Vogt	N4VA	VA E	
Sheldon	Dunham, Jr.	W4DEL	VA E	

First Name	Last Name	Ham Call	C	HAM OPERATION	Country
Andrew F.	Rugg	VE2AQP	B	3.5 - 28MHz; CW	CANADA
J. Steve	McDonald	VE7SL			CANADA
Deane D.	Mcintyre	VE68PO			CANADA
Jeff	Falconer	VE3LSK	G	160-10 CW	CANADA
Geir	Stokkeland	LA5VAA		80-70 cm. CW & SSB. QSL via LA4Y	NORWAY



Olle Alm, Sweden. A DXer in Action! Add to this a JRC NRD-515 receiver!! This Guy knows how to stack the radios in his favor!! Nice shack, Olle!!