News Serving DX'ers since 1933



Volume 68, No. 8 - November 27, 2000 (ISSN 0737-1659)

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CPC Test Calendar

WILM DE 1450 Feb. 4 0000-0200

WILM-1450 Wilmington, DE will conduct a DX test from Midnight-2 am Sunday, February 4 (not MONDAY morning, but SUNDAY morning) with Morse Code, sirens, and "Unusual Programming". Information should be sent to Allan Loudell, Program Manager - WILM News Radio - 1215 French Street - Wilmington, DE 19801. Return postage is preferred. Allan is preparing a special 25th-Anniversary yellow QSL card. DON'T CALL COLLECT: 302-656-9800. This test was coordinated by Blaine Thompson for the National Radio Club's CPC.

Canadian Election DX'ing ... Shawn Axelrod sends this reminder: "There will be a federal election in Canada on Monday, November 27. This will mean all sorts of programming changes and much more local broadcasts as stations give listeners the results. As Canadian law forbids broadcasts of election results to be announced before the polls close in a time zone, the broadcasts will not start in each time zone until the polls close at 8:00 PM local time. There are to be blackouts in each zone until the polls close. This may make for a good night of DX trying to log Canadian stations."

DX'ing Software for PC's ...Bob Raymond, NE1I, of DXtreme Reception Log 2000. It runs on Pentium®-class PCs (PentiumII-class PCs recom-

mended) running Microsoft Windows 95B, 98, NT4, or Me and retails for \$59.95 USD including shipping in North America. For more detailed information, go to <http://www.dxtreme.com>>.

Denver classical radio, again ... From Glenn Hauser: "KVOD Listeners Forum has just come back, but starting over without all the archives: << http://www.kvod.com/listeners/forum.htm>>."

DXChange ... Bill Alisauskas, 770-489-0404, 7548 Hillside - Douglasville, GA 30134 is offering his old DXN's for the price of shipping, including DXN's from '65-'72, although not all years are complete.

DX Time Machine

From the pages of DX News:

50 years ago ... from the November 25, 1950 DXN: Among the members who reported logging the DX broadcast from CB106, Santiago, Chile, on Nov. 13 were Al Bartholomew, Addison, NY; Stan Morss, Bradford, MA; Ernie Cooper, Brooklyn, NY; Derek Wharton, Chicago, IL; Joe Enz, Brooklyn, NY; Hal Wagner, North Girard, PA; Pat Reilley, Jamestown, NY; Carroll Seth, Erie, PA; and Fred Van Voorhees, Camp Hill, PA.

25 years ago ... from the November 24, 1975 DXN: John Callarman, Mt. Vernon, II., reported that most of his spare time was spent in preparing Log information on 3x5 index cards.

10 years ago ... from the November 19, 1990 DXN: KJLA-1190 Kansas City was selling "memberships" for \$25-250 to return the station on the air.

The NRC AM Radio Log, 21st Edition, including cross-referenced listings from 530-1700 khz., is

compiled from both listeners' reports and official sources, making it the most accurate listing of U. S. and Canadian AM stations available. Unbound, three-hole punched for standard binders. Still only \$16.95 to U. S. and Canadian members; \$22.95 to U. S. and Canadian non-NRC members. Airmail to members: Latin America, \$24.00; Europe, \$25.00; rest of the world: \$28.00. Order from: NRC Publications - Box 164 - Mannsville, NY 13661 (NY residents, please add sales tax).

AM Switch

Ierry Starr w8jv@yahoo.com c/o WHOT Radio 4040 Simon Road Youngstown, OH 44512-1320

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

CALL	ETTER	CHA	NCFS

CILDE D					~
	<u>Old call</u>			New cal l	Dynastar Commun
1330	WASA	MD	Havre de Grace	WJSS	_
1510	KIKA	CA	Ontario	KMXN	TITAT

APPLICATIONS / GRANTS FOR NEW STATIONS

nications, Inc.

APPLICATIONS FROM EXISTING FACILITIES

WIILL	CALIONS		EXISTING TACIETYES
550	WKNJ	NJ	Lakeside: 250 D3, city of license to Harriman, NY (unbuilt CP for new station)
700	KMJY	WA	Newport: 10000/600 U2, city of license to Airway Heights, WA
910	KXEB	ΤX	Sherman: city of license to Frisco, TX
1020	KYXE	WA	Selah: amend application to show city of license as Union Gap, WA
1050	WJXY	SC	Conway: 25000/1000 U4
1090	WCAR	MI	Livonia: 250/1000 U4
1120	KLIM	CO	Limon: 10000/6 U4
1190	KXMX		Anaheim: 25000/1000 U4
1190	WJES	SC	Johnston: amend application to show city of license as Saluda, SC
1330	WRCA	MA	Waltham: 5000/17000 U4
1360	WWLG	MD	Baltimore: to 1370 kHz 21000/6000 U1, city of license to Pikesville, MD
1380	KMUL	TX	Muleshoe: 1300/7 U1
1470	WSRO	MA	Marlborough: 1400/3400 U2, city of license to Watertown, MA
14 70	WFJY	PA	Portage: to 660 kHz 220/220 U2, city of license to Wilkinsburg, PA (a 75 mile
			move from suburban Johnstown to suburban Pittsburgh)
1520	WDMN	OH	Toledo: 1000/400 U4
1530	WVFC	PA	McConnellsburg: amend application to show city of license as King of Prussia,
			PA

GRANTS TO EXISTING FACILITIES

WPRE	WI	Prairie du Chien: 1000/30 U1
KCXL	MO	Liberty: 500/5 U1
CKGY	AB	Red Deer: to 95.5 FM
WKOX	MA	Framingham: relocate transmitter, city of license to Newton, MA
KFVR	CA	Crescent City: relocate transmitter
WZEP	FL	DeFuniak Springs: 10000/186 U1, relocate transmitter
WWKL	PA	Harrisburg: 5000/5000 U4, relocate transmitter
WNWS	TN	Brownsville: 152 D1
	KCXL CKGY WKOX KFVR WZEP WWKL	KCXL MO CKGY AB WKOX MA KFVR CA WZEP FL WWKL PA

OTHERNESS

KXXL

		Wichita Falls site, speculation is that the CP for Farmersville has not been
		built and this brief operation was in response to the FCC's "use it or lose it"
		policy to keep the license alive.
1010	KXEG	Z. Tolleson: CP for 15000/250 U5 is on
1200	WQLS	L Ozark: station was reported in trade papers (MSJ reported it 4/9/97) to have
		moved to 1210 kHz and was reported as such here. It turns out that WQLS
		never moved to 1210 kHz but remains on 1200 kHz. Local monitoring con-
		firms this. FCC shows the move to 1210 as still in CP status. It sure took long
		enough for this to surface. Change your Log to show 1200 kHz 10000 D1
1340	KSSR	(2500 CH) M Santa Rosa: CP to relocate transmitter is on

TX Farmersville: station is SILENT once again, returned to the air for just a few

days, signal strength seemed to indicate this operation was from the old

THANKS: Bill Hale, Tim Hall, Wayne Heinen, Ed Krejny, Shawn Axelrod, and MS 73 and Good DX, Jerry Starr & Buffalo K. Foonman

Domestic DX Digest

West: Bill Hale phantom 2@eaze.net 6124 Roaring Springs Drive - North Richland Hills, TX 76180-5552

(Division line hetween Fast and Central time zones)

East: Michael Shaw mshaw002@tampabay.rr.com

455 Alt. 19 S., Apt. 176 - Palm Harbor, FL 34683-5931

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

DDXD-West

MEDIUM WAVE RAMBLINGS

- Gary lackson of Sacramento reports that he's talked to the folks at KAZT-1670 and they plan to go on the air full-time very shortly. Also, he conducted high-level intelligence work with KSXY-1690 Roseville, CA and they plan to start testing about 12/1/00. Be listenin'!
- Q Reporter's comments: "... was tickled pink with KEVA! Only unheard CO station is now KCRT-1240, which is also my Closest Unheard, at about 185 air miles. Is there a website where I can go to calculate regional distances such as this? I want to re-do my Closest Unheard List." - JW-CO; "Yes, the dial is still soldered on 1490. :-)" - NJ-MT
- ☐ Our vast reading audience is waiting to hear what you've been logging on the good ol' Medium Wave Band, so let's hear from YOU!! See you next week. WWL 870am

REPORTERS

NEWS · TALK · SAINTS @

AB-CA	Art Blair Folsom	NRD-515 & Kiwa	Loop <bla< th=""><th>irs@calwe</th><th>b.com</th><th>></th><th></th><th></th></bla<>	irs@calwe	b.com	>		
JAC-TX	John Callarman	Krum	Optimus	STA795	and	RS	15-1853	loop
	<iohncallarman@ei< th=""><th>nail.msn.com></th><th></th><th></th><th></th><th></th><th></th><th></th></iohncallarman@ei<>	nail.msn.com>						

PG-CO Patrick Griffith Westminster Drake R-8, Palomar loop <AM-DXer@webtv.net>

GJ-CA Gary Jackson Sacramento FRG-8800 + Kiwa Loop

Nancy Johnson Billings FRG-7 and Radio West loop <NancyJohnson@prodigy.net> NJ-MT

BM-SD Bill Moser Fort Pierre barefoot Superradio || <wcmfort@dakota2k.net>

John J. Rieger South Milwaukee GE Superadio 3, stock <johnjrieger@webtv.net> JJR-WI

Kevin Redding Mesa DX 375 and RS 18-1533 loop lwdxer@juno.com KR-AZ

RS-MO RT-CA Rich Toebe Davis Grundig 1100 Concert Boy, barefoot or ##: hear d in car with Delco radio <richtoebe@ips.net>

IW-CO John Wilkins Wheat Ridge Drake R-8 + 4-foot box loop <peakbagger3@juno.com>

Ed.-TX Editor North Richland Hills

STATION NEWS & NOTES

570	KSNM	NM	Las Cruces - 11/14 1836 - Local spots, gal with KSNM 570 Weather, then into
			NOS, I think. Splatter from local KLZ-560 was severe, so not sure of format.
			Ex: KGRT, a call which goes back many decades. (JW-CO)

690 KTSM TX El Paso - 11/9 1859 - Traffic, then News Talk 690 KTSM, where you don't miss a thing, then legal ID with almost same wording. ABC News at 1900; 1904 gal with local news. Power cut at 1904:45 and disappeared. [Technically, they have 10 kW 24 hours, but they do send all of their signal toward 200% at LSS-Ed.]. Apparently ex: KHEY. Have seen nothing about this & was a surprise. Presume, then, that 1380 is now KHEY? (JW-CO)

1160 WXRT IL Chicago - 11/11 - According to reports on the Internet, this Infinity has sold this station to Salem Communications for \$29 million. Salem already owns WYLL-FM 106.7 in the Windy City, so expect a change of format to religious, and probably a call letter change, too. [Ed.-TX]

1270 KRVT OK Claremore - 11/9 1820 - GOS music. 1822 call ID, then lite music which didn't sound much like GOS. 1827 guy says You're on the Riverboat, KRVT. where you'll hear talk shows Bob Larsen weekdays at . . . or something similar. Generally poor under KSCB, so not sure of the exact wording. Slogan is supposedly The River. Supposedly on 26 watts also! Ex: KTRT. (JW-CO)

1302/1318 KFKA CO Greeley - Has been putting nasty spurs on these two frequencies, plus/minus 8 KHz from fundamental, for a month or more. Makes DXing 1320 and

KYKK NM Humble City - 11/11 0759 - Abruptly came on at 0759:30 with Good morning. 1110 This is KYKK in Hobbs, New Mexico . . . ABC News at 0800. City of License is still Humble City, as far as I know. Fair, in KFAB null. (JW-CO) IA Mount Pleasant - 11/3 - In null of KWKH, found station doing country mu-1130 KILJ sic, female announcer, very local news 2109 with auto accidents half a mile south of Trenton. Two Ottumwa people hurt in Washington County; Fairfield driver injured four miles west of Mount Pleasant. Played such songs as Dolly Parton's I'm Moving On and an old Rodney Crowell tune, touted Henry County Sheriff's gathering Nov. 4 at 206 Main St. in Mount Pleasant and gathering to celebrate 25-year employee of Heatolator (?)," plant. Tape shows KJ Five Star ID faintly at 2144, but lost thread before ID time. Listed 250-D, PSSA, NOS; FMer plays country. (JAC-TX) IA Waukon - 11/12 0710 - Poor, with two local ads, and here in Waukon. No 1140 WVEL, WRVA. Not common. (IIR-WI) WAMB TN Donelson - 11/11 1907-1930 - With World War II-era songs on special Veter-1160 ans Day program. Frequent call letter IDs but no commercials noted until about 1927. You're listening to Big Band Radio, WAMB at 1920 and gave AM-1160 and FM-98.7 at 1927. In KSL null and battling Illinois-Ohio State football broadcast until about 1917, presumably Chicago, but disappeared. KSL doing UCLA-Washington football. (JAC-TX) 1190 KVCU CO Boulder - 11/10 2226-2300 - Female DJ playing strange, unfamiliar music. Sounded like she called one number Black-Eyed Peas with The Weekend, (it sounded to these aged ears), song requested by Peter. She encouraged re-WDCD AM 1540 & FM 96.1 quests but didn't give a phone number; talked about being here as a volun-4243 Albany Street teer ... because I love the music ... on a station that ... recognizes the talent that Albany, NY 12205 isn't always played at other stations. Song at 2240 had repititious lyric that Actuelly WPTR sounded like Girl... Wait and DJ seemed to ID the song as Wait Girl. Production ID at 2253: Radio 1190 - What the hell is that? The AM Revolution. 2300 had honky-tonk piano theme, downfaded for simple KVCU Boulder ID. Fought SS station and doubly nulled (by its pattern and my RS loop) KJOI with Allen-Rockwall high school football game. (IAC-TX) 1220 CIOC AB Lethbridge - 11/12 0017 - Good for a few minutes, in the null of local KLVZ. ID as 106.7 FM, CJRX, Rock 106. Thanks to Shawn Axelrod for help verifying the FM call letters. (PG-CO) KEVA WY Evanston - 11/9 2358 - C&W tune. ID at 2359:55: You're in Keeva Country, 1240 KEVA Evanston, then ABC News. In briefly, over QRM. This was my last unheard Wyoming station; have now logged all active stations in Wyoming, the only state for which I can make such a claim. Wyoming #36! (JW-CO) 1260 KLYC OR McMinnville - 11/14 0015 - You're Just What I Needed oldie song, then weather report and ... 45 degrees at KLYC, into On The Boardwalk. On top of channel, in KOIT null. New from Davis. (RT-CA) 1270 KXPS CA Thousand Palms - 11/13 1942 - On top of channel, with sports talk. Then ID: 1270 KXPS, and 1-on-1 sports jingle. Gave two more IDs in the next few minutes. Needed here. (RT-CA) KKOM CA Arroyo Grande - 11/8 0859 - KKOM call ID, into (CBS?) election news at 1280 0900. (AB-CA) 1310 KNOX ND Grand Forks - 11/14 2054 - Fair, mostly on top of frequency., with Timberwolves vs. Warriors NBA basketball. 2057 local ID Talk Radio 1310 KNOX in Grand Forks, North Dakota. New log for me. (RS-MO) 1310 KNOX ND Grand Forks - 11/15 0944-0948 - Ad, 9:00 hour preview, and weather. Good signal at tune, in followed by slow fade. A call to report reception got the answer that KNOX will only verify when a reception tape is submitted for review. This was done. Are we getting picky, or what?! (BM-SD) 1340 KGFW NE Kearney - 11/10 0900 - With KGFW call ID. Miles? (AB-CA) [1179, for a new record - Ed.) 1380 KAGE MN Winona - 11/16 0927-0928 - List of weather related closings in Winona area. Rarely heard at this QTH, but unneeded. (BM-SD) 1440 WDOW MI Dowagiac - 11/12 0701 - Poor, with web address (WDOW net), FM and AM ID. WROK nulled. Soft AdCon. (JJR-WI) KPUR TX Amarillo - 11/13 1825-1828 - Local promo for Rattler coverage on The Score 1440

560

Ü			followed by ESPN net programming. Good signal at tune, in followed by slow fade. Second attempt at verification. (BM-SD)
1440	KELG	TX	Manor - 11/10 1926-1930 - Five ad cluster in EE, followed by SS announcing. Fair signal, topping others, in strong auroral conditions. First time heard. Reception reported. (BM-SD)
1460	KTXX	CA	Salinas - 11/16 1940 - Heard while looking for KMCA, with 1-on-1 Sports fades up (so far so good) then <i>Sportsradio</i> 1460 The Dude. Oh well, we'll try again. But KTXX is getting out here better than the station predicted their pattern would let them. I have their sticker, it's them. (RT-CA)
1490	KYCA	ΑZ	Prescott - 11/11 2100 - KYCA ID heard weakly through many others. (NJ-MT)
1490	KWAB	CO	Boulder - 11/16 1757-1759 - Male and female announcers discussing KWAB programming. On top of big heap. First time heard; reception reported. (BM-CO)
1490	KLLV	CO	Breen - 11/16 1759:55-1801 - ID into network news. Weak, but atop heap. First time heard, but too little info for a report. (BM-CO)
1490	WESL	IL	East St. Louis - 11/12 0612 - Poor, with Southern Gospel - AM 1490, WESL. This used to be much more common! (IJR-WI)
1490	WDBQ	IA	Dubuque - 11/12 0648 - Poor, with talk, ads and News-Talk 1490 WDBQ slogan. (JJR-WI)
1490	WTIQ	MI	Manistique - 11/10 0200 - Poor, with ID out of oldie. First time in some time here. (JJR-WI)
1490	KTTR	МО	Rolla - 11/10 0205 - Fair, with CBS News, weather and calls into NOS music. Not common. (JJR-WI)
1490	KZZN	TX	Littlefield - 11/10 2000 - Strong, with instrumental music to top of the hour ID: This is KZZN AM 1490 Littlefield. This great American music station for the northern high plains of Texas, time check, a minute of instrumental music, then Friday Night Football here on KZZN Radio AM 1490 and into Littlefield Wild-
1490	KWOK	WA	cats football coverage. Dominating the frequency. (NJ-MT) Hoquiam - 11/9 2100 - KWOK Hoquiam ID given by woman, weak through the jumble. Heard only once before. Both times it was snowing, with snow on the ground, and single digit temps here in Billings. Weather definitely
1520	KOLM	MN	affects reception here. (NJ-MT) Rochester - 11/15 0853-0900 - Ad, weather, tunes Give Me the Sinple Life and Chances Are, ID. Good signal at tune in, followed by slow fade. Second at-
1540	KDYN	AR	tempt at verification. (BM-SD) Ozark - 11/14 2125 - Spot for Alltel office on the square in Ozark, then KDYN weather forecast: 45 degrees here in the River Valley, into country music. Last logged as KZRK years ago. Listed as daytime only — why's it on at 8:30 PM
1540	KGBC	TX	local? (RS-MO) Galveston - 11/14 2130 - Playing rock oldies (Grease title song etc.), ID as the new KGBC, 1540 on your AM dial The Talk That Rocks. Promoing ESPN and NFL coverage, 70 degrees on the island" (did he have to brag, hi?!). Might we consider this a format change? Format listed as nostalgia with
1550	KAPE	МО	Spanish nights. (RS-MO) Cape Girardeau - 11/14 1658-1703 - Tune Young and Foolish, legal ID, two minutes of CNN News, local news by female announcer. Good signal at tune-in,followed by slow fade. First-time heard. Reception reported. (BM-SD)
1620	WHLY	IN	South Bend - 11/16 0920 - Atop KAZP briefly, with calls, Radio Hollywood slogan, and unidentified tune. Gone before enough information heard to report reception. First time heard. (BM-SD) WRC AM 980 The Talk Station
* indica	tes record l	neld b	GRAVEYARD DX UPDATE y DXer from North America (excluding Alaska)
1340 kH			Miles

1340 kHz:

Miles KGFW NE Kearney Art Blair Folsom, CA *1179

DDXD-East

7

Wow...it doesn't seem like three months since I edited my last edition of DDXD-East! My wife and I have settled into our new digs in Palm Harbor, Florida, and the cable Internet connection seems pretty fast, so I guess I'm all set. Many many thanks to Paul for all the extra hours he devoted to DDXD-East while I was in the process of moving! Thanks, too, for your patience if you sent logs and didn't see them show up right away due to mail forwarding.

I know there has been some discussion about what needs to be included when submitting loggings, so I'll just add my position: When you send something like "Heard Rush Limbaugh; ID; into news", just what ID did you hear? If you say you heard the ID, tell us what it said! What were the calls and city of license? Was the ID recorded? Male or female voice? I personally believe that simply saying "ID" without other clues isn't enough for a solid logging. "Glenn Beck Show; ID by male "970 WFLA, Tampa-St. Petersburg" tells us that you really DID hear an ID. This additionally serves NRC members by giving us a reference point when we attempt to catch the same station. But is a legal ID absolutely necessary?

I'll refer back to something I said in an earlier DDXD-East (6725): "In my opinion, loggings don't need a solid, FCC-legal ID with call letters followed by community of license. For example, if you log a station that gives a frequency, and in a few spots or PSA's, you hear a number of references to a specific town—and the station's programming is consistent with what we already know—that's good enough for me. But if all you have is "C&W music heard" where there's a known C&W station, keep digging! Maybe it means that you need to listen longer for the station to ID itself or for the C&W station to give you a few more clues. Listening, after all, is what the hobby is all about!"

One last reminder that my deadline for submissions is the Tuesday before the deadline Paul sets for each issue. Now, on with the show!

STATION NEWS

WLLZ MI Monroe-Detroit - Has been operating in AM stereo lately during daytime

300	VVLLZ	1411	the the testing for a witch form tells / manching to a muric format
			hours. Are they testing for a switch from talk/preaching to a music format
			like some Crawford Broadcasting stations in other markets? They are trying
			to buy 90.9 WDTR-FM. Can they switch brokered preaching to a non-com-
			mercial FM? Detroit lost its long-time classical WQRS-FM, maybe they will
			put classical on AM like they were going to do in Denver. (JN-MI)
1220	CJUL	ON	CORNWALL – 11/13 1553 – Testing with CJUL callsign and message "This is
			a test for the Jewel, Memories 1220 AM". Played clips of nostalgia records,
			with the selections ranging from "Doggie in the Window" to "Hound Dog"
			and "Mack the Knife". Asked for 'phone calls if any unusual interference
			was observed. (AR-ON)
1310	WYUR	ΜI	Dearborn - 11/12 2300 - Good with "NFL Scoreboard" on the Fox Sports
			Radio Network. ID as "WYUR Sports Radio 1310, The X". New format and
			no longer // WNIC-100.3. Call change coming? (JF-ON)
1590	WHLX	ΜI	Marine City – 11/10 1600 – With oldies // WHLS-1450; ID at top of hour as
			"Oldies 1450 and Oldies 1590, WHLS 1450 and WHLX 1590", into AP News.
W	SM	B	Appears to be NSP now. Ex WHYT with C&W. (JF-ON)
T- (1.17)	dio 1350		77
Iaikha	1010 1350	am	UNID, UNID HELP & PRESUMED
550	WIOZ	NC	Pinehurst - 11/7 1740-1745 - Andy Williams song; "The music of your life";
			nostalgia music. (WM-MD)
620			
	WDNCp	NC	Durham - 11/7 1715 - "Newsday" program; discussion of ACC sports; men-
	WDNCp	NC	Durham - 11/7 1715 - "Newsday" program; discussion of ACC sports; mention of North Carolina. (WM-MD)
(730)	WDNCp UnID		tion of North Carolina. (WM-MD)
(730)	•		
(730) (910)	•	?	tion of North Carolina. (WM-MD) ? from DXN #4: There are three possibilities: WVMP, WOHS, WLIL; all three have been heard from (SK-PA)
	UnID	?	tion of North Carolina. (WM-MD) ? from DXN #4: There are three possibilities: WVMP, WOHS, WLIL; all three
	UnID	?	tion of North Carolina. (WM-MD) ? from DXN #4: There are three possibilities: WVMP, WOHS, WLIL; all three have been heard from (SK-PA) ? from DXN #4: The only Braves station on 910 is WJCW; also heard by (SK-
(910)	UnID UnID	?	tion of North Carolina. (WM-MD) ? from DXN #4: There are three possibilities: WVMP, WOHS, WLIL; all three have been heard from (SK-PA) ? from DXN #4: The only Braves station on 910 is WJCW; also heard by (SK-PA) ? - 11/6 2030 - Preacher in mess. (WM-MD)
(910) 960	UnID UnID UnID	? ? ?	tion of North Carolina. (WM-MD) ? from DXN #4: There are three possibilities: WVMP, WOHS, WLIL; all three have been heard from (SK-PA) ? from DXN #4: The only Braves station on 910 is WJCW; also heard by (SK-PA) ? - 11/6 2030 - Preacher in mess. (WM-MD) ? from DXN #4: It's WWSW as previously reported by (SK-PA)
(910) 960 (970)	UnID UnID UnID UnID	? ? ?	tion of North Carolina. (WM-MD) ? from DXN #4: There are three possibilities: WVMP, WOHS, WLIL; all three have been heard from (SK-PA) ? from DXN #4: The only Braves station on 910 is WJCW; also heard by (SK-PA) ? - 11/6 2030 - Preacher in mess. (WM-MD) ? from DXN #4: It's WWSW as previously reported by (SK-PA) ? - 11/6 1728 - Religious programming under WBT. (WM-MD)
(910) 960 (970) 1110	UnID UnID UnID UnID UnID	? ? ? ? ? ? ? ?	tion of North Carolina. (WM-MD) ? from DXN #4: There are three possibilities: WVMP, WOHS, WLIL; all three have been heard from (SK-PA) ? from DXN #4: The only Braves station on 910 is WJCW; also heard by (SK-PA) ? - 11/6 2030 - Preacher in mess. (WM-MD) ? from DXN #4: It's WWSW as previously reported by (SK-PA) ? - 11/6 1728 - Religious programming under WBT. (WM-MD)
(910) 960 (970) 1110 (1230)	UnID UnID UnID UnID UnID UnID UnID UnID	? ? ? ? ? ? ? ?	tion of North Carolina. (WM-MD) ? from DXN #4: There are three possibilities: WVMP, WOHS, WLIL; all three have been heard from (SK-PA) ? from DXN #4: The only Braves station on 910 is WJCW; also heard by (SK-PA) ? - 11/6 2030 - Preacher in mess. (WM-MD) ? from DXN #4: It's WWSW as previously reported by (SK-PA) ? - 11/6 1728 - Religious programming under WBT. (WM-MD) ? from DXN #4: Either WCMC or WBPZ (SK-PA) ? - 11/6 1913 - Rod Stewart song. (WM-MD)
(910) 960 (970) 1110 (1230) 1290	UnID UnID UnID UnID UnID UnID UnID UnID	? ? ? ? ? ? ? ?	tion of North Carolina. (WM-MD) ? from DXN #4: There are three possibilities: WVMP, WOHS, WLIL; all three have been heard from (SK-PA) ? from DXN #4: The only Braves station on 910 is WJCW; also heard by (SK-PA) ? - 11/6 2030 - Preacher in mess. (WM-MD) ? from DXN #4: It's WWSW as previously reported by (SK-PA) ? - 11/6 1728 - Religious programming under WBT. (WM-MD) ? from DXN #4: Either WCMC or WBPZ (SK-PA)

one for Bad Axe (?); Poor. (HF-MI)

8 1370	WHEEn	VΔ	Martinsville - 10-28 1821 - Presumed with ad for bank in Martinsville; tough				9
1370	WIILLP	VA.	under WXXI/WSPD mix. Could also be unnWGCL. (SK-PA)				Night football updates. ID at 2258 by female announcer, "WCSZ, Greenville."
1410	UnlD	?	? - 10/28 1943 WWI NOS rose up clear to give number for CD giveaway, 1-	1100	WCGA	GA	(MB-NJ) Woodbine – 11/10 1805 – Heard at sign-off with "WCGA must leave the air
			800-896-1669 (maybe "59"), CBS News at 2000. At 2007 jingle, "Great song,	1100		0.1	now". With mention of power of 10,000 Watts. No SSB heard. Great signal;
			and great memories W(sounded like CMC)." I'll bet this is WENU, thanks to info				new station for me. (RCP-IN)
1520	WOCTE	ОН	in DXN #5, p. 14, 11-6. (SK-PA) Bryan - 10/27 1825-1900 - JRN NOS under WWKB. Tentative since we don't	1170	WWLE	NY	Cornwall-on-Hudson – 11/5 1600 – Fair with WWVA with ID and CNN News.
1020		•••	know what WGAM has - but they shound already be off. (SK-PA)		KNOO	ΟV	(JF-ON)
1600	UnID	?	? - 11/6 1715 - Bette Midler song mixing with Spanish, then gone. (WM-MD)		KVOO	UK	Oklahoma - 10/13 1837 - Strong, country music with Porter Wagoner's "Carroll County Accident"; ID by live male DJ with KVOO call letters, fol-
			LOGGINGS KUSO				lowed by a Tom T. Hall song, then an ad, and disappeared with pattern change.
550	KTRS	МО	St Louis – 10/29 1627 – All alone with end of talk show, ID as "The Big 550,	1190	WRIS	MD	(SC-IN) Annapolis – 11/5 1623 – Caught "Business Radio 1190, WBIS under WOWO.
			KTRS". Ex-KSD and KUSA for me. (JF-ON)	1170	***	MID	Ex WANN for me. (JF-ON)
580			Augusta 10/24 2006 - "From the WGAC sports desk." (SK-PA)	+	WLIB	NY	New York - 11/6 1955 - ID; report on New York senate race. (WM-MD)
620	WKJZ	IN	Knoxville – 11/14 2257 – End of a show called "Grace To You" into a commercial for a Christmas book called "The Miracle of Christmas". ID as "Joy	1240	WIAN		Ishpeming – 10/24 1823 – Fair with sports // WDMJ-1320. New. (JF-ON)
			62". "When writing tell them you heard them here on". Signal poor to good.	1250	KCNZ		Cedar Falls –11/4 1800 – Weak with legal ID under WGL. New. (JF-ON)
			Religious. New! (BK-PA)	+			Farmville - 11/7 1730 - Religious music; "Your? radio station"; ID. (WM-MD)
640	WGST	GA	Atlanta – 11/10 1713 Local traffic report for Atlanta area. I-75/I-285 bypass	1280	WMCP	IN	Columbia – 11/14 1713-1724 – Good on west wire with local stock market quotations, ABC News, and news from Tennessee Radio Network. Real pipe-
			mentioned followed by slogan "traffic and weather on the 10's, WGST". Fol-				line to TN this evening; WENR, WGOW, WAMB, WCLE, etc. all good. New.
			lowed by several ads (Dodge Trucks; Shane Jewelers) in Kennesaw and				(JF-ON)
			Alpharetta. Many NewsRadio WGST ID's. Great signal way over usual pest	1300	WNEA	GA	Newman - 10/23 1858 - "WNEA, your station" in mix. No WJFK to be
+			WBOW. (RCP-IN) - 11/13 0000 - Good with local weather forecast, ID and into ABC News 1				found. (SK-PA)
•			minute late at 0001. (JF-ON)	+	WCKI	SC	Greer - 11/7 1630 - PSA from National Guard, canned ID: "Keep your radio
	WCRV	TN	Collierville – 11/14 1700 – Fair signal in car with ID. End of religious pro-				right where it is on AM stereo 1300 WCKI." Shot up. Lots of turnover. I wish I had more time to sit here. (SK-PA)
			gram. Local commercials then into a program called "Mid-South Viewpoint".	+	WAVZ	CT	New Haven – 11/12 2115-2125 – Good with NOS music and IDs "the most
	*****	T/3/	TN was mentioned. New! (BK-PA)		No.	AW	music, WAVZ, AM 1300" and "Keep all the original hits coming, WAVZ, AM
680	WILE	KY	Newburg -10/27 2048 - Good with CHFI with ID during high school foot-	<u> </u>		PM	1300." Strong peaks, some mixing with quasi-local WIMG, Flemington, NJ.
710	ксмо	МО	ball game as "Sports Radio 680, WJIE". New. (JF-ON) Kansas City – 10/28 0700 – Good with ID as "TalkRadio 710, KCMO". New.	P. O. BOX 425 L	OUISVAÈT. GA. S		(MB-NJ)
			(JF-ON)		WFKX	IL	West Frankfort – 10/27 1933 – Good with KGLO/WOOD with NOS music, IDs. No sign of WERE; new west wire really works! New. (JF-ON)
	WAQI	FL	Miami - 10/17 2201 - Strong with discussion in Spanish on the U.S. Presi-	1310	WIUS	ΑL	Marion - 10/23 1857 - "WJUS, your hojme for (hot?)" shot up in mix. (SK-PA)
	THE CO. C		dential Election, ID in English at top of hour. New. (JF-ON)	1330	WZCT	AL	Scottsboro – 11/15 1852-1900 – On top at times with GOS music and contest
930	WELL	ME	Superior – 10/25 2023 – Fair with sports, ID. New. (JF-ON)				giving addresses as in the new NRC Log. Uses "AM 1330 Southern Gospel"
250	WSLI	MIS	Jackson – 11/13 1930 – Strong with Ole Miss Football call-in show, spot for Gateway Tire & Service Center in Oxford. Becoming a regular here along	1040	MEEDO		slogan. New. (JF-ON)
			with old reliable WCPC on 940. (JF-ON)	1340	WIRC	IN	Elkhart - 10/19 1854 - Briefly atop with promo for Hoosiers - Gophers game.
940	WMAC	GA	Macon - 11/09 1702-1708 - ABC News; Fox 24 News with Doug Long and		WIOL	II.	New. (JF-ON) Joliet - 10/21 0000 - Over mess with ID and ABC News followed by "WJOL
			Mike Ray (?) Traffic Center; "News-Talk 940"; Paul Harvey; many Macon		,		Community Calendar". New. (JF-ON)
950	MAITE	***	references; very good; New GA#19. (HF-MI)		WXFN	IN	Muncie - 10/22 1905 - On top with weather for Muncie; mentioned all sports
950	WNID	IL	Chicago – 10/25 2035 – Good over WWJ with Radio Unica stuff. Ex WJPC for me. (JF-ON)	44			format. New. (JF-ON)
970	WATH	ОН	Athens 10/24 2100 - Canned ID "970 WATH" followed by "WATH Athens"	1420 1470	WCED	PA	Dubois - 11/6 1720 - Oldies music; "Classic 1420"; ID. (WM-MD)
			jingle and CBS News. Very clear. (SK-PA)	1470	WLIVIC	30	Georgetown – 11/12 2221-2238 – Poor with nulled WKAP, Allentown with GOS music and a female announcer twice mentioning call letters and the
+	WWIT	NC	Canton – 11/14 1958 – "Cool 970" ID with a poor signal and oldies music.				"Joy in the Morning" program. Log notes 147 watts at night, huh??? (MB-NJ)
			Later a somewhat fair ID at 2200 after song "Shambala" by Three Dog Night.	1480	WLEA	NY	Hornell - 11/6 1533 - "WLEA radar weather brought to you by Foose Line Equip-
990	KWAM	TNI	New! (BK-PA)				ment" Fuzzy and somewhat fadey with local WISL off air. Where are you
770	KWAM	114	Memphis – 11/08 2125 – ID as "AM 990 The Light". Gospel music with a good signal. "The Legends of Gospel Music". Mention of Memphis in ID.	1400	TAZE DA	ъ.	WKND? or WNBX?. (SK-PA)
			New! (BK-PA)	1490	WLPA	PA	Lancaster 11/7 1005 - End of CNN news; Sportsradio 1490 Community Cal-
1010	WIOI	ОН	New Boston - 11/11 1913 - Ad for Bank One then into football game Marshall	r			endar; jingle: "on 1490 WLPA." Then One-on-One Sports. Mixing iwth WAZL. No 1480 slop thanks to silent WISL. (SK-PA)
			University vs. Miami University Station break at 1920; station ID given as	1520	KOYS	LA	Lafayette 10/27 1825-1900 - Presumed with Radio Disney. Under WWKB
			"You're listening to 1010 AM WIOI, New Boston-Portsmouth." Fair signal				when NOS station fades. Everything smothered by KB after 1900, (SK-PA)
1070	CBA	NB	but slightly garbled; best in USB mode. First time heard. (RCP-IN) Moncton – 11/13 2216-2305 – //FM, good with CBC Radio One Northern	+	WQCTt	ОН	Bryan - 10/27 1825-1900 - JRN NOS under WWKB. Tentative since we don't
			Lights music program, news and weather at the top of the hour; ID "This is	1540	KCRC	TV	know what WGAM has - but they should already be off. (SK-PA)
			CBC Radio One, 97.9 FM, Newcastle." Mixing with WCSZ Greenville, SC	13-10	KODC	17	Galveston – 11/12 1850-1906 – Fair mostly over CHIN with promo for Galveston County United Way and promo for "Bag the Boss" program week-
			(see below). (MB-NJ)				day mornings on "The New 1540, KGBC" into ABC News. Only heard here
	wcsz	SC	Greenville - 11/13 2239-2257 - In & out with CBA; Fox Sports Radio Net-				during auroral conditions. (IF-ON)
			work call-in sports talk show. Sports update with NHL, NBA and Monday	1550	WLOR	ΑL	Huntsville - 11/6 2000 - "Jammin' 1550, WLOR" ID then news. Very strong;

			9
			Night football updates. ID at 2258 by female announcer, "WCSZ, Greenville."
			(MB-NJ)
1100	WCGA	GA	Woodbine - 11/10 1805 - Heard at sign-off with "WCGA must leave the air
			now". With mention of power of 10,000 Watts. No SSB heard. Great signal;
			new station for me. (RCP-IN)
1170	WWLE	NY	Cornwall-on-Hudson – 11/5 1600 – Fair with WWVA with ID and CNN News.
			(JF-ON)
	KVOO	OK	Oklahoma - 10/13 1837 - Strong, country music with Porter Wagoner's
			"Carroll County Accident"; ID by live male DJ with KVOO call letters, fol-
			lowed by a Tom T. Hall song, then an ad, and disappeared with pattern change.
			(SC-IN)
1190	WBIS	MD	Annapolis – 11/5 1623 – Caught "Business Radio 1190, WBIS under WOWO.
			Ex WANN for me. (JF-ON)
+	WLIB	NY	New York - 11/6 1955 - ID; report on New York senate race. (WM-MD)
1240	WIAN	MI	Ishpeming – 10/24 1823 – Fair with sports // WDMJ-1320. New. (JF-ON)
1250	KCNZ	IA	Cedar Falls -11/4 1800 - Weak with legal ID under WGL. New. (JF-ON)
+	WGHB	NC	Farmville - 11/7 1730 - Religious music; "Your? radio station"; ID. (WM-MD)
1280	WMCP		Columbia – 11/14 1713-1724 – Good on west wire with local stock market
			quotations, ABC News, and news from Tennessee Radio Network. Real pipe-
			line to TN this evening; WENR, WGOW, WAMB, WCLE, etc. all good. New.
			(JF-ON)
1300	WNEA	GA	Newman - 10/23 1858 - "WNEA, your station" in mix. No WJFK to be
			found. (SK-PA)
+	WCKI	SC	Greer - 11/7 1630 - PSA from National Guard, canned ID: "Keep your radio
			right where it is on AM stereo 1300 WCKI." Shot up. Lots of turnover. I wish I
			had more time to sit here. (SK-PA)
+	WAVZ	CT	New Haven - 11/12 2115-2125 - Good with NOS music and IDs "the most
	Mar-		music, WAVZ, AM 1300" and "Keep all the original hits coming, WAVZ, AM
<u>wpeh</u>		AM PM	1300." Strong peaks, some mixing with quasi-local WIMG, Flemington, NJ.
P. O. BOX 425 L	OUISVILLE, GA. S	0834	(MB-NJ)
	WFRX	IL	West Frankfort - 10/27 1933 - Good with KGLO/WOOD with NOS music,
			IDs. No sign of WERE; new west wire really works! New. (IF-ON)
1310	WIUS	AL	IDs. No sign of WERE; new west wire really works! New. (JF-ON) Marion - 10/23 1857 - "WIUS, your hoims for (htt?)" shot up in mix. (SK-PA)
1310 1330	WJUS WZCT		Marion - 10/23 1857 - "WJUS, your hojme for (hot?)" shot up in mix. (SK-PA)
1310 1330	-		Marion - 10/23 1857 - "WJUS, your hojme for (hot?)" shot up in mix. (SK-PA) Scottsboro - 11/15 1852-1900 - On top at times with GOS music and contest
	-		Marion - 10/23 1857 - "WJUS, your hojme for (hot?)" shot up in mix. (SK-PA) Scottsboro - 11/15 1852-1900 - On top at times with GOS music and contest giving addresses as in the new NRC Log. Uses "AM 1330 Southern Gospel"
	WZCT	AL	Marion - 10/23 1857 - "WJUS, your hojme for (hot?)" shot up in mix. (SK-PA) Scottsboro - 11/15 1852-1900 - On top at times with GOS music and contest giving addresses as in the new NRC Log. Uses "AM 1330 Southern Gospel" slogan. New. (JF-ON)
1330	-	AL	Marion - 10/23 1857 - "WJUS, your hojme for (hot?)" shot up in mix. (SK-PA) Scottsboro - 11/15 1852-1900 - On top at times with GOS music and contest giving addresses as in the new NRC Log. Uses "AM 1330 Southern Gospel" slogan. New. (JF-ON) Elkhart - 10/19 1854 - Briefly atop with promo for Hoosiers - Gophers game.
1330	WZCT	AL IN	Marion - 10/23 1857 - "WJUS, your hojme for (hot?)" shot up in mix. (SK-PA) Scottsboro - 11/15 1852-1900 - On top at times with GOS music and contest giving addresses as in the new NRC Log. Uses "AM 1330 Southern Gospel" slogan. New. (JF-ON) Elkhart - 10/19 1854 - Briefly atop with promo for Hoosiers - Gophers game. New. (JF-ON)
1330	WZCT	AL IN	Marion - 10/23 1857 - "WJUS, your hojme for (hot?)" shot up in mix. (SK-PA) Scottsboro - 11/15 1852-1900 - On top at times with GOS music and contest giving addresses as in the new NRC Log. Uses "AM 1330 Southern Gospel" slogan. New. (JF-ON) Elkhart - 10/19 1854 - Briefly atop with promo for Hoosiers - Gophers game. New. (JF-ON) Joliet - 10/21 0000 - Over mess with ID and ABC News followed by "WJOL
1330	wzct wtrc wjol	AL IN IL	Marion - 10/23 1857 - "WJUS, your hojme for (hot?)" shot up in mix. (SK-PA) Scottsboro - 11/15 1852-1900 - On top at times with GOS music and contest giving addresses as in the new NRC Log. Uses "AM 1330 Southern Gospel" slogan. New. (JF-ON) Elkhart - 10/19 1854 - Briefly atop with promo for Hoosiers - Gophers game. New. (JF-ON) Joliet - 10/21 0000 - Over mess with ID and ABC News followed by "WJOL Community Calendar". New. (JF-ON)
1330	WZCT	AL IN IL	Marion - 10/23 1857 - "WJUS, your hojme for (hot?)" shot up in mix. (SK-PA) Scottsboro - 11/15 1852-1900 - On top at times with GOS music and contest giving addresses as in the new NRC Log. Uses "AM 1330 Southern Gospel" slogan. New. (JF-ON) Elkhart - 10/19 1854 - Briefly atop with promo for Hoosiers - Gophers game. New. (JF-ON) Joliet - 10/21 0000 - Over mess with ID and ABC News followed by "WJOL Community Calendar". New. (JF-ON) Muncie - 10/22 1905 - On top with weather for Muncie; mentioned all sports
1330	wzct wtrc wjol	IN IL IN	Marion - 10/23 1857 - "WJUS, your hojme for (hot?)" shot up in mix. (SK-PA) Scottsboro - 11/15 1852-1900 - On top at times with GOS music and contest giving addresses as in the new NRC Log. Uses "AM 1330 Southern Gospel" slogan. New. (JF-ON) Elkhart - 10/19 1854 - Briefly atop with promo for Hoosiers - Gophers game. New. (JF-ON) Joliet - 10/21 0000 - Over mess with ID and ABC News followed by "WJOL Community Calendar". New. (JF-ON) Muncie - 10/22 1905 - On top with weather for Muncie; mentioned all sports format. New. (JF-ON)
1330 1340	WZCT WTRC WJOL WXFN WCED	IN IL IN PA	Marion - 10/23 1857 - "WJUS, your hojme for (hot?)" shot up in mix. (SK-PA) Scottsboro - 11/15 1852-1900 - On top at times with GOS music and contest giving addresses as in the new NRC Log. Uses "AM 1330 Southern Gospel" slogan. New. (JF-ON) Elkhart - 10/19 1854 - Briefly atop with promo for Hoosiers - Gophers game. New. (JF-ON) Joliet - 10/21 0000 - Over mess with ID and ABC News followed by "WJOL Community Calendar". New. (JF-ON) Muncie - 10/22 1905 - On top with weather for Muncie; mentioned all sports format. New. (JF-ON) Dubois - 11/6 1720 - Oldies music; "Classic 1420"; ID. (WM-MD)
1340 1420	WZCT WTRC WJOL WXFN	IN IL IN PA	Marion - 10/23 1857 - "WJUS, your hojme for (hot?)" shot up in mix. (SK-PA) Scottsboro - 11/15 1852-1900 - On top at times with GOS music and contest giving addresses as in the new NRC Log. Uses "AM 1330 Southern Gospel" slogan. New. (JF-ON) Elkhart - 10/19 1854 - Briefly atop with promo for Hoosiers - Gophers game. New. (JF-ON) Joliet - 10/21 0000 - Over mess with ID and ABC News followed by "WJOL Community Calendar". New. (JF-ON) Muncie - 10/22 1905 - On top with weather for Muncie; mentioned all sports format. New. (JF-ON) Dubois - 11/6 1720 - Oldies music; "Classic 1420"; ID. (WM-MD) Georgetown - 11/12 2221-2238 - Poor with nulled WKAP, Allentown with
1340 1420	WZCT WTRC WJOL WXFN WCED	IN IL IN PA	Marion - 10/23 1857 - "WJUS, your hojme for (hot?)" shot up in mix. (SK-PA) Scottsboro - 11/15 1852-1900 - On top at times with GOS music and contest giving addresses as in the new NRC Log. Uses "AM 1330 Southern Gospel" slogan. New. (JF-ON) Elkhart - 10/19 1854 - Briefly atop with promo for Hoosiers - Gophers game. New. (JF-ON) Joliet - 10/21 0000 - Over mess with ID and ABC News followed by "WJOL Community Calendar". New. (JF-ON) Muncie - 10/22 1905 - On top with weather for Muncie; mentioned all sports format. New. (JF-ON) Dubois - 11/6 1720 - Oldies music; "Classic 1420"; ID. (WM-MD) Georgetown - 11/12 2221-2238 - Poor with nulled WKAP, Allentown with GOS music and a female announcer twice mentioning call letters and the
1340 1420	WZCT WTRC WJOL WXFN WCED WLMC	IN IL IN PA SC	Marion - 10/23 1857 - "WJUS, your hojme for (hot?)" shot up in mix. (SK-PA) Scottsboro - 11/15 1852-1900 - On top at times with GOS music and contest giving addresses as in the new NRC Log. Uses "AM 1330 Southern Gospel" slogan. New. (JF-ON) Elkhart - 10/19 1854 - Briefly atop with promo for Hoosiers - Gophers game. New. (JF-ON) Joliet - 10/21 0000 - Over mess with ID and ABC News followed by "WJOL Community Calendar". New. (JF-ON) Muncie - 10/22 1905 - On top with weather for Muncie; mentioned all sports format. New. (JF-ON) Dubois - 11/6 1720 - Oldies music; "Classic 1420"; ID. (WM-MD) Georgetown - 11/12 2221-2238 - Poor with nulled WKAP, Allentown with GOS music and a female announcer twice mentioning call letters and the "Joy in the Morning" program. Log notes 147 watts at night, huh??? (MB-NJ)
1340 1340 1420 1470	WZCT WTRC WJOL WXFN WCED	IN IL IN PA SC	Marion - 10/23 1857 - "WJUS, your hojme for (hot?)" shot up in mix. (SK-PA) Scottsboro - 11/15 1852-1900 - On top at times with GOS music and contest giving addresses as in the new NRC Log. Uses "AM 1330 Southern Gospel" slogan. New. (JF-ON) Elkhart - 10/19 1854 - Briefly atop with promo for Hoosiers - Gophers game. New. (JF-ON) Joliet - 10/21 0000 - Over mess with ID and ABC News followed by "WJOL Community Calendar". New. (JF-ON) Muncie - 10/22 1905 - On top with weather for Muncie; mentioned all sports format. New. (JF-ON) Dubois - 11/6 1720 - Oldies music; "Classic 1420"; ID. (WM-MD) Georgetown - 11/12 2221-2238 - Poor with nulled WKAP, Allentown with GOS music and a female announcer twice mentioning call letters and the "Joy in the Morning" program. Log notes 147 watts at night, huh??? (MB-NJ) Hornell - 11/6 1533 - "WLEA radar weather brought to you by Foose Line Equip-
1340 1340 1420 1470	WZCT WTRC WJOL WXFN WCED WLMC	IN IL IN PA SC	Marion - 10/23 1857 - "WJUS, your hojme for (hot?)" shot up in mix. (SK-PA) Scottsboro - 11/15 1852-1900 - On top at times with GOS music and contest giving addresses as in the new NRC Log. Uses "AM 1330 Southern Gospel" slogan. New. (JF-ON) Elkhart - 10/19 1854 - Briefly atop with promo for Hoosiers - Gophers game. New. (JF-ON) Joliet - 10/21 0000 - Over mess with ID and ABC News followed by "WJOL Community Calendar". New. (JF-ON) Muncie - 10/22 1905 - On top with weather for Muncie; mentioned all sports format. New. (JF-ON) Dubois - 11/6 1720 - Oldies music; "Classic 1420"; ID. (WM-MD) Georgetown - 11/12 2221-2238 - Poor with nulled WKAP, Allentown with GOS music and a female announcer twice mentioning call letters and the "Joy in the Morning" program. Log notes 147 watts at night, huh??? (MB-NJ) Hornell - 11/6 1533 - "WLEA radar weather brought to you by Foose Line Equipment" Fuzzy and somewhat fadey with local WISL off air. Where are you
1340 1340 1420 1470	WZCT WTRC WJOL WXFN WCED WLMC WLEA	IN IL IN PA SC	Marion - 10/23 1857 - "WJUS, your hojme for (hot?)" shot up in mix. (SK-PA) Scottsboro - 11/15 1852-1900 - On top at times with GOS music and contest giving addresses as in the new NRC Log. Uses "AM 1330 Southern Gospel" slogan. New. (JF-ON) Elkhart - 10/19 1854 - Briefly atop with promo for Hoosiers - Gophers game. New. (JF-ON) Joliet - 10/21 0000 - Over mess with ID and ABC News followed by "WJOL Community Calendar". New. (JF-ON) Muncie - 10/22 1905 - On top with weather for Muncie; mentioned all sports format. New. (JF-ON) Dubois - 11/6 1720 - Oldies music; "Classic 1420"; ID. (WM-MD) Georgetown - 11/12 2221-2238 - Poor with nulled WKAP, Allentown with GOS music and a female announcer twice mentioning call letters and the "Joy in the Morning" program. Log notes 147 watts at night, huh??? (MB-NJ) Hornell - 11/6 1533 - "WLEA radar weather brought to you by Foose Line Equipment" Fuzzy and somewhat fadey with local WISL off air. Where are you WKND? or WNBX?. (SK-PA)
1340 1340 1420 1470	WZCT WTRC WJOL WXFN WCED WLMC	IN IL IN PA SC	Marion - 10/23 1857 - "WJUS, your hojme for (hot?)" shot up in mix. (SK-PA) Scottsboro - 11/15 1852-1900 - On top at times with GOS music and contest giving addresses as in the new NRC Log. Uses "AM 1330 Southern Gospel" slogan. New. (JF-ON) Elkhart - 10/19 1854 - Briefly atop with promo for Hoosiers - Gophers game. New. (JF-ON) Joliet - 10/21 0000 - Over mess with ID and ABC News followed by "WJOL Community Calendar". New. (JF-ON) Muncie - 10/22 1905 - On top with weather for Muncie; mentioned all sports format. New. (JF-ON) Dubois - 11/6 1720 - Oldies music; "Classic 1420"; ID. (WM-MD) Georgetown - 11/12 2221-2238 - Poor with nulled WKAP, Allentown with GOS music and a female announcer twice mentioning call letters and the "Joy in the Morning" program. Log notes 147 watts at night, huh??? (MB-NJ) Hornell - 11/6 1533 - "WLEA radar weather brought to you by Foose Line Equipment" Fuzzy and somewhat fadey with local WISL off air. Where are you WKND? or WNBX?. (SK-PA) Lancaster 11/7 1005 - End of CNN news; Sportsradio 1490 Community Cal-
1340 1340 1420 1470	WZCT WTRC WJOL WXFN WCED WLMC WLEA	IN IL IN PA SC	Marion - 10/23 1857 - "WJUS, your hojme for (hot?)" shot up in mix. (SK-PA) Scottsboro - 11/15 1852-1900 - On top at times with GOS music and contest giving addresses as in the new NRC Log. Uses "AM 1330 Southern Gospel" slogan. New. (JF-ON) Elkhart - 10/19 1854 - Briefly atop with promo for Hoosiers - Gophers game. New. (JF-ON) Joliet - 10/21 0000 - Over mess with ID and ABC News followed by "WJOL Community Calendar". New. (JF-ON) Muncie - 10/22 1905 - On top with weather for Muncie; mentioned all sports format. New. (JF-ON) Dubois - 11/6 1720 - Oldies music; "Classic 1420"; ID. (WM-MD) Georgetown - 11/12 2221-2238 - Poor with nulled WKAP, Allentown with GOS music and a female announcer twice mentioning call letters and the "Joy in the Morning" program. Log notes 147 watts at night, huh??? (MB-NJ) Hornell - 11/6 1533 - "WLEA radar weather brought to you by Foose Line Equipment" Fuzzy and somewhat fadey with local WISL off air. Where are you WKND? or WNBX?. (SK-PA) Lancaster 11/7 1005 - End of CNN news; Sportsradio 1490 Community Calendar; jingle: "on 1490 WLPA." Then One-on-One Sports. Mixing iwth
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1330 1340 1420 1470 1480 1490 1520 +	WZCT WTRC WJOL WXFN WCED WLMC WLEA WLPA KOYS WQCTt	IN IL IN PA SC NY PA LA OH TX	Marion - 10/23 1857 - "WJUS, your hojme for (hot?)" shot up in mix. (SK-PA) Scottsboro - 11/15 1852-1900 - On top at times with GOS music and contest giving addresses as in the new NRC Log. Uses "AM 1330 Southern Gospel" slogan. New. (JF-ON) Elkhart - 10/19 1854 - Briefly atop with promo for Hoosiers - Gophers game. New. (JF-ON) Joliet - 10/21 0000 - Over mess with ID and ABC News followed by "WJOL Community Calendar". New. (JF-ON) Muncie - 10/22 1905 - On top with weather for Muncie; mentioned all sports format. New. (JF-ON) Dubois - 11/6 1720 - Oldies music; "Classic 1420"; ID. (WM-MD) Georgetown - 11/12 2221-2238 - Poor with nulled WKAP, Allentown with GOS music and a female announcer twice mentioning call letters and the "Joy in the Morning" program. Log notes 147 watts at night, huh??? (MB-NJ) Hornell - 11/6 1533 - "WLEA radar weather brought to you by Foose Line Equipment" Fuzzy and somewhat fadey with local WISL off air. Where are you WKND? or WNBX?. (SK-PA) Lancaster 11/7 1005 - End of CNN news; Sportsradio 1490 Community Calendar; jingle: "on 1490 WLPA." Then One-on-One Sports. Mixing iwth WAZL. No 1480 slop thanks to silent WISL. (SK-PA) Lafayette 10/27 1825-1900 - Presumed with Radio Disney. Under WWKB when NOS station fades. Everything smothered by KB after 1900. (SK-PA) Bryan - 10/27 1825-1900 - JRN NOS under WWKB. Tentative since we don't know what WGAM has - but they should already be off. (SK-PA) Galveston - 11/12 1850-1906 - Fair mostly over CHIN with promo for Galveston County United Way and promo for "Bag the Boss" program week-

10						
10			must have left the lights on Nove (MP IN) 11/9 1015 Conchand "Croon			
	1		must have left the lights on. News. (MB-IN) – 11/8 1915 – Song heard "Green			
97-3	-		Onions" followed by several "Jammin' 1550 WLOR" ID's. Mention of 6th			
<i>£7</i> ≥102	7		annual Black American Family conference in Huntsville. Followed by an-			
V (2)	2 2		other slogan "Keep a lock on it right here on Jammin' 1550 WLOR." Also mentioned they were the home of the Alabama Bulldogs. Very impressive			
KSO	Ö		signal first time heard. (RCP-IN)			
1570	wilo	IN	Frankfort – 11/11 2200 – Poor with ID, NOS music in mess. New. (JF-ON)			
1370	WSSA		Morrow – 11/09 1720-1735 – "AM 1570 WSSA"; Gospel program; may have			
			been them with radio auction. Mixing with WWCK+; Poor; New GA #20.			
			(HF-MI)			
1590	WPVL	WI	Platteville – 10/15 2200 – Poor with oldies and ID as "WPVL, The Voice of			
			Grant County". Ex-WSWW for me. (JF-ON)			
1600	WBLY	ОН	Springfield - 11/3 2143 - South vs. Beechcroft football. "You're listening to			
	I/I ED		playoff action on 1600, WBLY" (SK-PA)			
+	KLEB	LA	Golden Meadow – 11/10 2245 – Poor but readable with "Rajun Cajun" ID,			
1630	WRDW	GΛ	calls, then Cajun music. New. (MB-IN)			
1030	WKDW	GA	Augusta – 11/9 2358 – Sports talk show; at 0000, "This is the Georgia Tech Sports Network". More talk about Georgia Tech and other teams, then at			
			0031, " Sports 16-30 would like to congratulate this week's Buffalo High			
			School Player of the Week"; later, "Newstalk Sports 16-30 WRDW". No			
			mention of assigned call WAWX. KCJJ nulled. First new X-band logging for			
			this season. (PFC-VA)			
	WKDW	GA	Augusta – 10/7 0022 – Strong over KCJJ with ID "News, talk, sports, 1630			
			WRDW". New station is on the air. (JF-ON) (So which one is it? RDW or			
1660	KQWB	ND	KDW? Anyone else weighing in on this? [MS] West Fargo – 10/11 2055 – Fair over/under WQSN with NOS music. New.			
1000	RQWD	ND	(JF-ON) - 10-23 2037 - WWI NOS Canned ID: "Bringing you great music wher-			
			ever you are. We're str (crest?) 1660." ND #2 Alternating with WMIB/WQSN/			
			WWRU. WMIB has not changed calles and still has ABC NOS. Again on 10-			
			26 at 1937 on top (Amazing!) but fuzzy. "We're done with the move and we thank			
			you for making the trip. The stars, 1660". (SK-PA)			
	WMIB	FL	Marco Island - 11/14 2235 - ID between commercials, then into song by			
			Elvis, "Suspicious Eyes". ID mixing with a sports talker. Signal was poor to			
			fair. This day in history spot about Apollo 12. New! (BK-PA)			
			TIS AND MISCELLANEOUS			
550	UNID	NY	Brooklyn - 11/10 2334-2344 - Continuous loop with male announcer (com-			
			plete with accent!) "Highway Advisory Radio for the borough of Brooklyn."			
	Road construction update with times and days of the week noted; Gowanus					
			Expressway and Outerbridge Crossing noted. Poor under nulled WGR,			
1610	WNHC78	7 MI	couldn't catch the calls. (MB-NJ) St Ignace – 11/1 2145 – Poor with Mackinac Bridge info. New. (JF-ON)			
1010	***************************************	, 1411	or ignace = 11/1 2145 = 1 oof with Macking bridge into. New. (Jr-ON)			
			ADDRESSES, FORMATS, STEREO			
1380	WTMC	DE	Wilmington - 1423 Dupont Parkway - New Castle, DE 19720, 302-760-2080			
			(Address in Log is for the Delaware Dept. of Transportation). (SK-PA)			
1430	WLTG	FL	Panama City - 3100 E. 15th St. or P. O. Box 15365 - Panama City, FL 32408.			
1570	CKMW	MR	(SK-PA) Winkler – P.O. Box address no good; will retry using street address. (JF-ON)			
10,0	CICITI	.,,,	Winklet - 1.0. box address no good, will fell y dsing sheet address. (JF-ON)			
			REPORTERS			
MB-IN	Mark		The state of the s			
MB-NJ	Mike	Battaş	glino Chatham – Sony 2010 with Super Select-A-Tenna and Radio			
MP IN) (D	Shack loop.			
MB-IN SC-IN	Mark Steve		and the state of the state			
PFC-VA	Steve Perry					
PFC-VA Perry Crabill JF-ON Jeff Falconer						
,	,		(one pointed east and one pointed west), modified MFJ-1026			
			phasing Timewave DSP-599zx audio filter.			
BK-PA	Bob K	linger	New Cumberland – Sangean ATS505 and Radio Shack loop an-			
OK D	C:	.,	tenna.			
SK-PA	Steve		T, and a second			
WM-MI JN-MI						
)	Jim N	arufil	ak Warren - Chrysler Corp. car radio; Sony ICF-6500W.			

RCP-IN Robert C. Pote AR-MI Andy Rugg Greenwood – Drake R8A receiver and Kiwa loop Cornwall – 1996 Buick car radio.

NON-ARCANE ABBREVIATIONS USED IN DDXD

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

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IRCA Mexican Log, 6th Edition, 2000

The IRCA MEXICAN LOG log lists all AM stations in Mexico by frequency, including call letters, state, city, day/night power, slogans, schedule in UTC/GMT, formats, networks and notes. In addition, stations that have changed frequency since 1996 are cross-referenced on the old frequency. The call letter index gives call, frequency, city and state. The city index (listed by state, then city) includes frequency, call and day/night power. The log has been completely updated from the 1998 edition and carefully cross-checked by IRCA members. This is an indispensable reference for anyone who hears Mexican radio stations. Size is 8 1/2 members. This is an indispensable reference for Control of the Control of t

Prices: IRCA/NRC members - \$8.00 (US/Canada/Mexico/sea mail), \$9.00 (rest of the Americas airmail), \$9.50 (Europe/Asia airmail), \$10.00 (Australia/New Zealand airmail). Non-members: addl \$2.00 to the above prices. Order your copy today, in US funds payable to Phil Bytheway, from

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DX Digest

International Jim Renfrew renfrew@localnet.com 6988 Bank Street Rd. Byron NY 14422-9702

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

Take a look at our Trans-Pacific DX section and you will see that Bruce Conti has a report from New Hampshire! An east coast TP report for 738 may become even more difficult, because tonight (NOV 16-17) I am hearing a huge open carrier on 740 kHz, probably the new Toronto station testing. To put this in perspective, John Bryant's TP report from Washington is amazing by itself!

A rare week, when I dominate the TA section! If only I could hear some MW TA's. It is very interesting to observe at least one LW TA every night.

Please, please, use the exact format used below. Those submitting items with a scrambled format risk having their material held for an additional week! I often do the column at the last minute, and I cannot afford to take the time to massage your material into shape!

TRANS-ATLANTIC DX

- 180 UNID, NOV 16 0535 - weak talk in a mess of hets, possibly a mixing product. [Renfrew-NY]
- 189 ICELAND NBS Gufuskalar, NOV 8 0132 - talk about US elections, "Won't Get Fooled Again" by the Who, "Hill Street Blues" theme, "Upside Down" dance number, "Message in a Bottle" by the Police. Tone at top of hour (0200), then news. But no ID heard. [Renfrew-NY]
- UNITED KINDOM BBC synchros, NOV 11 0100 Five plus one pips, BBC World Service news, followed by World Showcase Hour and Meridian Masterpice, // 5975 kHz. [Renfrew-NY]

PAN-AMERICAN DX

- 530 TURKS & CAICOS IS Radio Visión Christiana International, NOV 7 2356-2403+ - EZL SS vocals; RVC ID & US election spot @2356, "Atención los Estados Unidos y Puerto Rico" informational as mentioned electoral college; RVC SID @2400 then man with EE ID mentioning Patterson NJ & RVC Int'l. Man with SS US election coverage @2402. Good. [Frodge-Ml]
- MEXICO XEJAZZ, Tijuana, BCN, OCT 15 0625-0630 English, strong signal with "K-Jazz" slogans, ID: "K-Jazz now available on AM 5-40, serving Southern California", into slow Jazz music. Finally heard with new calls (ex-XEBACH). [Knight-CO]
- 580 MEXICO XEMU Piedras Negras ("Black Stones"), COAH, NOV 10 0024 - Rancheras: "La Rancherita del Aire" slogans; 0030 long ad string for stores in Eagle Pass and P.N.; more music at 0035. Very large signal in WIBW null. [Wilkins-CO]
- 690 MEXICO XERG Monterrey, NL, NOV 10 0048 - SPT talk (pre-game?) about "Los Tigres" (area team); 0050 ads, shouting promos and hype about the Tigres; "R-G" slogan and faded at 0055. Poor in KGGF null. [Wilkins-CO]
- CUBA Radio Reloj, NOV 8-9 2325-2405+ Can just hear tone "RR" under UNID religious station. Man and woman with SS audio came up after briefly @2403. Very poor, but first time heard. [Frodge-MI]
- CUBA Radio Progreso, NOV 8 2304-2323+ man with fútbol game call. Poor, mainly under WINU, // 640. [Frodge-MI]
- 1010 MEXICO XEKD Cd. Acuña, COAH, NOV 11 0000 - ID after XE song: "XEKD en el diez diez de amplitud modulada, transmitiendo desde Cd. Acuña, Coahuila con mil wats de potencia..." then into more nortena music. Poor with QRM from KSIR (mostly nulled) and KIQN. [Wilkins-
- 1010 MEXICO XETX, Nuevo Casas Grandes, CHIH, OCT 19 0418-0425 - ID: "Siempre alegre, siempre cordial, siempre ____, esta es La 'X', La Ranchera de Paquimé", into música ranchera (heavy on the trumpets). Good peak.
- Mostly poor to fair signal. Call letter ID @0427 by child. [Knight-CO] 1030 MEXICO XEMPM, Los Mochis, SIN, OCT 16 0530-0541 - Fair to good with música norteña and "Radio Fama" slogan. About even with KTWO. [Knight-CO]
- 1030t MEXICO XEYC, Ciudad Juárez, CHIH, OCT 16 0455-0530 - Tentative. Spanish, LOUD most of the time obliterating KTWO with program to combat insomnia, Mexican national anthem, faded out completely at the top-of-the-hour (of course), then back with música tropical, ID: "104.1



- Radio Uno" (apparently a relay of XEDF-FM in Mexico City), one mention of "Chihuahua" in PSA. Left the air around 0530 leaving KTWO and XEMPM to battle it out. Heard 2 days later on the car radio with talk program, "Radio Formula" slogans, and local ad for Ciudad Juárez. Have not heard call letters, yet. [Knight-CO]
- 1180 CUBA Radio Rebelde, NOV 7 2313-2320 - man and woman with commentary // 5025. Poor under WHAM. [Frodge-MI]
- MEXICO XECCC Jalisco, Guadalajara NOV 11 1230 classical music in short snippets for 1440 the previous half hour. Good signal into Arizona. Heard before local KSLX sign-on. [Redding-AZ]
- 1470 MEXICO XERCN, Tijuana, BCN, OCT 18 0330 - Spanish, very good with música tropical y salsa, "La Caliente" slogans, ID: "La Caliente serviendo Tijuana y San Diego", mentioned "10 mil watts". New slogan. [Knight-CO]
- 1550 MEXICO XENU, Nuevo Laredo, TAMA, OCT 21 0655-0702 - Spanish, Fair thru KZRK with música ranchera, "La Rancherita" slogans and jingles, mentioned "5 mil watts de potencia". Appears to be 24h now. [Knight-CO]

TRANS-PACIFIC DX

- POLYNESIA RFO Mahina, Tahiti NOV 12 1030 Tentative, my first ever transpacific reception! Man and woman in French faded up briefly, otherwise a 2 kHz het against 740. XEX Mexico on 730 kHz was strong. WWNZ Florida was dominant over an unID Latin American signal on 740 kHz until WSBR Florida switched to day facilities followed by WIIB Massachusetts popping up at 1100 UTC, essentially wiping out what was a weakening signal with local sunrise approaching at 1135 UTC. [Conti-NH] (Great! - Jim)
- JAPAN JOIB, NHK2, Sapporo, OCT 20, 1420, noted in passing with a language lesson. Fair signal. Also OCT 21 [Bryant-WA]
- 756 UNID, OCT 20, 1420-1425. Fair to good signal, but with distorted audio. Believe the language was CC. Could this be a not-quite-synchro CR1? [Bryant-WA]
- JAPAN JOUB, NHK1, Akita, OCT 20, 1401-1415, news in EE by female until 1415, followed by weather in JJ. Good signal until band fade at 1515. Similar log on OCT 21. [Bryant-WA]
- 828 JAPAN JOBB, NHK2, Osaka OCT 20, 1425, noted in passing with lang lesson / / 747. Also noted OCT 21.
- 855 UNID OCT 20, 1425-1430. Good signal in seeming Chinese, but distorted audio. [Bryant-WA]
- 873 JAPAN JOGB, NHK2 Kumamoto, OCT 20,1433 noted in passing with fair to poor signal // 828 & 774. JOGB was mixing with a second signal at almost equal level, presume China. [Bryant-WA]
- 954 JAPAN JOKR, Tokyo, OCT 20, 1435 noted with fair to poor signal with JJ talk. [Bryant-WA]
- CHINA CRI Russian Program, Dalian (?) OCT 21, 1435-1445 Man and woman talk in Russian at excellent level. Thanks to Mauno Ritola and DX News for IDing this one! [Bryant-WA]
- 972 KOREA HLCA, Tangjin, OCT 20, 1435 with an S-8 signal (!) of man and woman talk in KK. Excellent also on OCT 21. [Bryant-WA]
- 1098 UNID OCT 20, 1437, An open carrier noted here at excellent level, must be at least 500 kW. Same signal noted daily at Greyland. Probable Korean Pens. or China. Ideas? [Bryant-WA]
- 1242 JAPAN JOLF, Tokyo OCT 21, 1445. Noted with man in JJ at fair level. [Bryant-WA]
- 1287 JAPAN JOHR, Sapporo, OCT 20, 1440, with phone-in program by fems in JJ. Good level. [Brvant-WA]
- 1332 JAPAN JOSF, Nagoya (tent.) OCT 20, 1442. Threshold signal in probable JJ noted in passing.
- THAILAND VOA Bangkok OCT 20, 1445- fade at 1458, threshold signal, man speaksk in SEA language. Similar at 1455 on OCT 21. Now if it will stay in until 1500 for Yankee Doodle! [Bryant-WA]

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UPDATED EURO MW GUIDE AVAILABLE

As of today (11 November), the new version of my Euro MW Guide is on-line. The zip file is 810kB. A zillion changes and additions have been entered in this new edition so that every MW-DXer is now well-equipped for the starting MW DXing season. The new edition now consists of 71 pages packed with detailed information on literally all LW and MW stations in Europe, North Africa, and the Middle East. The list remains available FOR FREE in PDF format via http://come.to/dxing (then choose for MW). One small comment: You will notice that careful attention has been paid to the spelling of places. I have tried to respect the local language(s) as much as possible. However, the conversion to PDF was problematic for a few diacritic characters (esp. those of the Czech language). I have therefore chosen to leave out the special accents on those characters. I hope the Czech users won't mind. I would like to thank all contributors for their invaluable help in keeping this list as accurate as possible. Please do continue to contribute information. The front page of the EMWG shows a map of the area covered in the list. On that map you will find an overview of the locations of a number of MW collaborators. Should you have a question about a MW radio station and I happen to have a collaborator in that area, then why not send me your question. I will then forward it to my collaborator and get you an answer as soon as possible. For more information, please check http://gallery.uunet.be/hb/mw-corr.htm. Feel free to download the file and don't hesitate to send me your comments. (Please send any comments to hb@village.uunet.be). And while you're at it, why not compare the EMWG information to the information you find in commercial (non-free) publications that are about to be published?! People who would like to put a link to this publication on their website can use the banner that was created for it. You can find this banner on the EMWG download page. [Herman Boel, DXAntwerp QSL and MW loggings Editor, member of Medium Wave Circle, member of Benelux DX Club] (We made extensive use of this detailed guide while in Newfoundland! - Jim)

CUBAN RADIO BANDSCAN FROM EXUMA. SOUTHERN BAHAMAS

by Jay Novello (with help and support, as always, from Marie), Wake Forest, North Carolina Editor's Note: In his original message Jay included links to audio samples of IDs, but the text became so garbled in moving between computers that I have removed these references. If interested, please contact Jay directly at <jay@iwsp.com>.

After doing some monitoring of Cuban MW stations on a Western Caribbean cruise and of the stations in western Cuba from the Florida Keys, it was time to concentrate on the more rarely-reported stations in eastern Cuba. We chose Exuma in the southern Bahamas as a vacation destination based on its proximity to these stations and on its writeups on the net and in commercial travel publications. And we were very pleasantly surprised. Accommodations were reasonably priced, the beaches were beautiful and deserted, and the weather was perfect. The local conch, lobster, snapper and grouper provided some great meals, and Bahamas rum costs \$5.95 a liter. The residents of the island have a well-deserved reputation for friendliness, and we encountered absolutely no hustlers or any negative attitude (apart from a few crazy drivers) in the entire week we were there. And as a bonus, the Cuban DX was outstanding.

Exuma is positioned to produce outstanding groundwave reception from the Cuban provinces of Sancti Spiritus, Ciego de Avila, Camaguey, Las Tunas, Granma and Holguin, and reasonably good reception from Villa Clara, Cienfuegos and Matanzas (to the west) and Santiago de

Cuba and Guantanamo (to the east). The only local station is the very strong ZNS1 on 1540, which blocked reception from 1530 to 1550 at the preferred DX location of Coral Beach (near Three Sisters Rocks). The locals listen to 1540 exclusively; every radio we saw was tuned to it. There are no FM stations audible in Exuma.

The loggings below were made between October 29 and November 3, 2000. Fidel Castro was on a trip to Venezuela, meeting with President Hugo Chavez and negotiating an oil deal. A number of newscasts featured excerpts from speeches made by Fidel in Venezuela, but this news didn't dominate the programming of the monitored stations anywhere near to the extent that the Elian Gonzales incident did during our springtime Florida Keys trip - thank goodness. Possibly as a side benefit, the midday "Noticiero Nacional de la Radio" is no longer heard weekdays. It was noted at 1300 local time on Sunday.



There is much still to learn about the current state of Cuban medium wave radio. It became apparent on this trip that a number of 1 kW relays of 10 kW provincial stations assume their own identity at times; the unlisted stations logged on 1130, 1200, 1400, 1460 and 1520 suggest this. A couple of these stations were only noted on the last day of listening, being logged as parallels to their parent provincial station at other times. I'm sure there are others as yet unlogged.

Equipment used on this trip included a Sony ICF-1000T radio/recorder and Kiwa pocket loop, a C. Crane/Sangean CCRadio, a GE Superradio III and Sony WM-6 Pro Walkman recorder. I continue to be impressed by the DX performance of the ICF-1000T in combination with the Kiwa loop, but for the next one of these trips I'm going to replace the Superradio III. Its combination of too-wide selectivity and intolerable mechanical drift, especially on the high end, makes it not worth its weight on a flying trip. The barefoot CCRadio hears almost, but not quite, as much as the 1000T/Kiwa loop combo.

Here's a listing of what was heard during daylight hours, with a few notes about nighttime reception. Station locations, where given, are per Terry Krueger's Cuba list and WRTH. Where multiple locations for national networks are listed, I might have listed only the most likely one based on listed location, the location of the monitoring site, and power. (The interesting loggings begin at 980.) Links to audio samples of IDs are included. No attempt was made to ID domestic US stations during this bandscan.

The bandscan — All times local (EST)

- 530 Loud airport beacon mixing with R Visión Cristiana, Turks and Caicos 10/30 1029
- 540 R Rebelde, Sancti Spiritus, Sancti Spiritus, satellite delay // 550 11/1 1037
- 550 R Rebelde, Manzanillo, Granma 11/1 1037
- 560 R Rebelde, location? 11/1 1037 + 1 US station
- 570 R Reloj, Santa Clara, Villa Clara, strong 11/1 1038
- R Rebelde, Baracoa, Guantanamo 11/1 1038 + 1 US station
- 590 R Musical Nacional, Santa Clara, Villa Clara usual programming // 1030 10/29 1640
- 600 R Rebelde, Urbano Noris, Holguin, very strong 11/1 1038
- 610 R Rebelde, unknown location suspect something other than the 1 kW outlet listed in Pinar del Rio, 11/1 1039 + 1 US Station
- 620 R Rebelde, Colon, Matanzas / Moa, Holguin 11/1 1039
- 630 R Progreso, unknown location, local-like signal 11/1 1040
- 640 R Progreso, Las Tunas, Las Tunas 11/1 1040 + 1 US Christian religious station
- 650 R Rebelde, numerous possibilities, very weak 11/1 1043 + 1 other Spanish-speaking station
- 670 Miami exile station mixing with R Rebelde 11/1 1043
- 680 R Progreso, Ciego de Avila, Ciego de Avila, strong 11/1 1043
- 690 R Progreso, Jovellanos, Matanzas (or maybe somewhere else further east), strong 11/1 1046
- 700 Caribbean-accented English 1046 11/1, didn't come back for recheck
- 710 mess including Rebelde & US station, 1046 11/1
- 720 R Progreso, unknown location, huge signal so suspect location other than listed Cienfuegos 1 kW, 1046 11/1
- 740 Miami talk station 1047 11/1
- 750 R Rebelde, Trinidad, Sancti Spiritus, weak signal 11/1 1047
- 760 R Reloj, Caney de las Mercedes, Granma, 11/1 1047
- 790 US health-related talk 11/1 1047
- 800 R Progreso, unknown location, satellite delay // 630, 11/1 1047
- 810 ZNS3 "Bahamas Radio Network", Freeport, local quasi-soca mx, het, 1530 11/2
- 820 R Progreso, Moron, Ciego de Avila + same jammer heard via groundwave in the Keys 1537
- 830 R Reloj, Holguin, Holguin, strong + 1 Spanish-speaking Christian religious station 11/2 1538
- 840 Dobleve, Santa Clara, Villa Clara, 11/2 1539
- 850 US "Business Talk Radio" 11/2 1540
- 870 R Reloj, Sancti Spiritus, Sancti Spiritus, 11/2 1541
- 90 R Progreso, very strong if Santiago de Cuba site, suspect higher power than 10 kW (this is the most reliable nighttime frequency at home in NC) 1224
- 900 R Progreso, Cacocum, Holguin, greeting listeners to Radio Nacional de Venezuela, mentioning Chavez and Fidel, Carabobo and Barquisimeto, loud 1226 10/29
- 910 R Cadena Agramonte, Camaguey, Camaguey, // 1380 1228 10/29



- 920 US health yak 1045 10/31
- 930 R Reloj, Ciego de Avila, Ciego de Avila, strong 1045 10/31
- 940 Miami talk radio + R Reloj 1044 10/31
- 950 R Reloj, not too strong but listed 1 kW in Habana unlikely since nothing else that far west heard, maybe really Sancti Spiritus? 1043 10/31
- 960 R Reloj, strong suspect higher power or closer location than listed 10 kW in Guantanamo; 1042 10/31
- 980 LV de Niquel, Moa, Holguin, novela in progress 1032 10/31, into talk 1045, Juan Luis Guerra selection 1051, "Panorama de Salud" to 1100, no ID at TOH, then baladas; full ID 1130, also 1500 11/2. In null of stronger station with Kreyol programming, suspect from Florida.
- 990 US sports talk
- 1000 US big band "AM 1000"
- 1010 R Reloj, Jobabo, Las Tunas, weak 1114 10/13
- 1030 R Musical Nacional, unknown location, "Medidiano Cultural" ending 1230, program about opera singer, //590, forgot to note date
- 1040 R Victoria, Puerto Padre, Las Tunas, in null of much stronger Miami talk station 1435 10/30
- 1050 R Victoria, Las Tunas, Las Tunas. This station resolutely refuses to play a canned ID, opting every time for an informal spoken ID like "Esta es Victoria". Fidel speech re: Venezuela 1256 10/29; spoken ID then NNIaR 1300. "Discoteca Popular" ending 1509 10/30, then novela; "Ecos de Mexico" 1530, Britney Spears "Oops" noted 1109 10/31. Second station in null of R Victoria noted with long African ceremony with call-and-response vocals 1505 11/2; Kompa mx 1115 11/3, Florida?
- 1060 US sports talk + weak R Victoria, Amancio Rodriguez, Las Tunas, 1545 11/2
- 1070 CMKS Senal Antiimperialista, Guantanamo, Guantanamo, 1503 10/30 with program "Mensajero CMKS", Son mx, spoken ID 1530; on 10/31, 1000 nx about Fidel in "La Republica Bolivariana de Venezuela", full ID 1010, then novela. ID clearly says "Senal", not "Trinchera".
- 1080 Spanish-speaking Christian preacher with rant about Halloween 1241 10/31
- 1100 R Angulo, Banes, Holguin, strong with pop mx program, full ID 1330 10/30. WRTH lists "Manes" as location, but can't find a locale with that name listed anywhere.
- 1110 R Angulo, Holguin, Holguin, // 1100 1522 10/30
- 1130 Ecos del Sagua, Sagua de Tanamo, Holguin, unlisted station with full ID 1200 10/31. At 1545 11/2, only R Angulo heard (listed location: Sagua de Tanamo), but Ecos del Sagua back again 1200 11/3.
- 1140 jammer
- 1150 R Bayamo, Entronque Bueycito, Granma, local-like signal with Aqua's "Around The World" 1524 10/30, really nice ID taped 10/31 1000. Can't find Entronque Bueycito in my references, but there is a Corral Bueycito right near Bayamo. ID gives 95.3 FM frequency.
- 1170 CMKS Senal Antiimperialista, Maisi, Guantanamo, mixing with US talk station, forgot to note time and date
- 1180 mess w/Rebelde // 580, 1137 10/31
- 1190 two stations one US Spanish-speaking, advertising Cuban restaurant and mortgage company; second one Cuban, but tough copy
- 1200 LV de Yaguajay, Yaguajay, Sancti Spiritus, unlisted station with full ID 1220 10/31 and into mx program "Hora Juvenil". Stronger of the two stations on this frequency. R Sancti Spiritus IDs 1200 as Yaguajay relay, so this is a new frequency for this xmtr ex-1190. Location given in ID as "Ciudad Camilo", but can't locate it in any reference.
- 1200 R. Revolucion, Palma Soriano, Santiago de Cuba, very commercial-sounding "joven" station with pop mx program "Dimensional", contest promo 1143 10/31, Spanish ragga DJ, Alice Deejay "Will I Ever", full ID 1300 then into sports nx.
- 1210 R Sancti Spiritus, Sancti Spiritus, Sancti Spiritus, full ID 1014 11/1 giving freqs as 1200 in Yaguajay (see 1200 above), 1190 in Trinidad, and 1210 in Sancti Spiritus; and on FM, 102.9 in Trinidad, and 97.3 in Sancti Spiritus. Into apartment exchange/swap shop show. In null of strong US Radio Unica affiliate.
- 1220 R Veinte y seis, Central Espana, Matanzas, distorted modulation, singing ID 1600 11/2. Noted with historical tidbits (one about the Panama Canal) interspersed with music 1305 11/3.
- 1230 US EZ-listening station
- 1240 ZNS2, Nassau, Bahamas, Christian religious programming with hymn by Candi Staton, female announcer
- 1250 R Caibarien, Caibarien, Villa Clara, baladas to 1300 10/31, then full ID and back to



- baladas. weak but alone on frequency. Also noted with much stronger signal 1605 11/2 with spoken ID.
- 1260 CARACOL Miami, ID 0930 11/1
- 1270 R Reloj, Camaguey, Camaguey, big signal 1320 10/31
- 1280 US Spanish-speaking health quack giving 1-800 number over and over again 1318 10/31; no sign of either listed Cuban local.
- 1290 Dobleve, Rancho Veloz, Santa Clara, // 840 with soap opera credits and piano mx, in null of US station with Rush Limbaugh blather.
- 1300 R Encyclopedia, Las Tunas, Las Tunas, // 1560 in null of strong US station with Rush Limbaugh defending himself against charges that he'll have nothing to talk about after Clinton leaves office; 1315 10/31
- 1310 Dobleve, Sagua la Grande, Villa Clara, strong // 840 10/31 1320
- 1310 R Santa Cruz, Santa Cruz del Sur, Camaguey, in Dobleve null, ID in passing 1330 10/31, then nice full ID 1400.
- 1320 Haitian programming, probably another Floridian
- 1330 R Portada de la Libertad, Niquero, Granma, ID 1330 10/31 in null of US talk station. WRTH and subsequent references incorrectly list this as being in Holguin, Holguin.
- 1340 R Ciudad del Mar, Palmira, Cienfuegos, novela "El Color de la Vida" in progress 0948 11/1. ID and TC 1000
- R Libertad, Puerto Padre, Las Tunas, strong with "Discoteca Popular" 1345 10/31; many mentions of "nuestro ciudad de Puerto Padre; Boletin Informativo #1 at 1430; 1630 ID'ed as "R Libertad, La Emisora del la Familia", then program "Dictionario Musical". Lots of promos for "Carnaval Puerto Padre 2000". No canned ID noted despite hours of listening.
- R Cadena Agramonte, Rodolfo Ramirez Esquivel, Camaguey, // 1380 1020 10/29; second station in Spanish, probably from US, with long infomercial for natural treatment for impotency, giving away something free to the first 30 callers, many repetitions of 1-800 number
- 1370 R Granma, Manzanillo, Granma, new frequency with many birthday greetings, mx by Omara Portuando, Christina Aguilera, and "Bohemian Rhapsody", then Radionoticias 1500 10/31; program "Seguridad Social" winding up 1355 11/2, then full ID 1400 announcing 1370 and 95.9 FM, and into "Discoteca de la Tarde".
- 1380 R Cadena Agramonte, Central Brasil, Camaguey, Spanish pop mx program "Musicalissimo", with birthday, anniversary, and quinceaneria dedications; congratulations to workers at Ministry of Health; full ID and TC 10/29 0900.
- 1400 R Guaimaro, Guaimaro, Camaguey, unlisted station with lots of talk mentioning Guaimaro, community notices, mx 1327 11/3; announcers said goodbye until 1 PM tomorrow; spoken Ids 1330, 1400, 1500. Suspect this is a part-time station, splitting from R Cadena Agramonte as noted below.
- 1400 R Cadena Agramonte, Guaimaro, Camaguey, // 1380 1028 10/29, plus WIRA Ft. Pierce FL, "The Voice of the Indian River Area" with sports talk.
- 1410 R Cadena Agramonte, unknown location, very weak // 1380 10/29 1031
- 1420 US financial talk 1035 10/29; low het; no R Cadena Agramonte. At night 2028 10/31 heard someone relaying RFI, quite strong but off in midsentence 2057.
- 1430 R Surco, Moron, Ciego de Avila, // 1440 11/1; ID 1600 11/2 announcing 98.1 FM; nulling it produced US SP-speaking station playing Mexican oompah mx, same as heard in FL Keys, with Bush campaign ad 1037 10/29
- R Surco, Ciego de Avila, Ciego de Avila, talk about a local bank, son mx 1043 10/29; Silvio Rodriguez song, full ID 1600 11/1, then Chayanne "Bom Bom"
- 1450 R Maboa, Amancio Rodriguez, Las Tunas, weak with ID then baladas 1200 11/1; at least three stations here when checked 1440 11/2
- R Cuitas(?), Sierra de Cuitas(?), unlisted station, ID as transcribed. Strong with lots of "Comunidad Cuitas" and Camaguey mentions, "La Version de Hoy" program 1400 10/30, full ID 1428. Possibly the listed R Cadena Agramonte xmtr split away with local programming. There's a Cubitas south of Camaguey, but no Sierras in the area. Station name might be Cubitas, Cumitas, Cuitas. Juitas, Jubitas, or something similar. Needs more work or input from someone in the area.
- 1470 R Ciudad Bandera, Cardenas, Matanzas, balada with ID in passing 10/29 1055, + 1 US health quack talk station
- R Florida, Florida, Camaguey, not present 0930 11/1, but very nice signal with son mx to noticias 1226, ID in passing 1228, then ranchera-sounding mx; 1323 "31 anos de nuestro senal"; full ID 1330



- 1490 R Mayari, Mayari, Holguin, sports phonein, ID in passing, Spanish-language pop mx and dance pop, e.g. Vengaboys, program "Mundo Joven", playing "Exitos Musical de 2000"; NG la Banda song, ID 1500 10/31
- 1500 R Majaguabo, San Luis, Santiago de Cuba, first heard 1345 11/1 playing Paulina Rubio's "Mio", second station came on frequency producing fast SAH; 11/3 alone on frequency, ID
- 1510 Christian religious programming, probably US
- 1520 R Pitan, unlisted station, ID tentative. Talk, low het, program "Disco Joven Para Ti" after ID 1300 11/1; other IDs 1454 11/2 and 1200 11/3, in null of gospel station giving 305 area code. Text of ID: "Esta es Radio Pitan... 1520, transmitiendo desde Mella, en el corazon del oriente Cubano."
- 1530 R Moron, Moron, Ciego de Avila, presumed the one from occasional chicken SFX dropped into talk 1118 10/29. This was only audible from a daytime beach location we used on the first day; from the beach visted other days, it was buried in 1540 splash.
- 1540 ZNS1, Nassau, Bahamas, blues church mx with trumpet, organ and drums 1120 10/29. This was so strong at Coral Beach that I wouldn't be surprised if there was a relay xmtr across the
- 1550 R Nuevitas, Nuevitas, Camaguey, birthday and anniversary greetings 1145 10/29; baladas, song by Son By Four; full ID 1159. Buried in 1540 splash at Coral Beach other days.
- 1560 R Encyclopedia, Ciego de Avila, Ciego de Avila, usual format, ID in passing, strong 10/29 1133
- 1570 R Encyclopedia, unknown location, weaker than 1560, 1134 10/29
- 1580 gospel format "Mystic 1580 Caribbean American Radio Station", 1305 11/1
- 1590 domestic gospel station mixing with Rush Limbaugh talk, 1305 11/
- 1600 R Disney affiliate
- 1600 +numerous x-band stations audible
- (FM) there was NOTHING audible on the entire FM band in Exuma despite several checks.



Texaco Metropolitan Opera International Radio Network for the 2000-2001 broadcast season. via Barry Finkel

Most of the stations in the U.S. and Canada are FM; here are the AM stations. Some/all of the operas are also broadcast in Europe (both eastern & western) in 27 countries; the number of broadcasts varies by country. The broadcasts are also heard in Australia, New Zealand, Brazil, and Mexico. The Saturday broadcasts run from December 2 through April 21; most begin at 1:30 PM ELT. This information comes from Opera News December, 2000; the network list is dated October 01, 2000.

KJAZ-CA	1150	KWKY-IA	1270	WCGC-NC	1470	KYUU-KS
KCRS-TX		KVDL-TX	1290	WKNE-NH	1490	WKVT-VT
KGDP-CA	1220	KBZS-CA		WFBG-PA	1510	KMZT-CA
KGGF-KS	1230	WSBB-FL	1310	KGMT-NE		KNNS-KS
KXXX-KS		WSSO-MS	1340	WKOZ-MS	1520	WHIM-FL
WAMI-AB		WCMC-NJ		WRHI-SC	1540	WNWR-PA
KBIF-CA	1240	WSYY-ME	1370	KXTL-MT	1550	WBFJ-NC
WMVU-NH		WWZQ-MS	1380	WNRI-RI		KZRK-TX
KEAL-AZ	1250	KZTR-KS	1400	KRVZ-AZ	1560	WRIN-IN
KIUP-CO	1260	KBRH-LA	1420	WDBF-FL	1570	WPEP-MA
		WWVT-VA	1430	KMRC-LA	1580	KESM-MO
WIPR-PR	1270	WCBC-MD	1450	WHDL-NY	1590	KEAS-TX
	KCRS-TX KGDP-CA KGGF-KS KXXX-KS WAMI-AB KBIF-CA WMVU-NH KEAL-AZ	KCRS-TX KGDP-CA 1220 KGGF-KS 1230 KXXX-KS WAMI-AB KBIF-CA 1240 WMVU-NH KEAL-AZ 1250 KIUP-CO 1260 WDLX-NC	KCRS-TX KVDL-TX KGDP-CA 1220 KBZS-CA KGGF-KS 1230 WSBB-FL KXXX-KS WSSO-MS WAMI-AB WCMC-NJ KBIF-CA 1240 WSYY-ME WMVU-NH WWZQ-MS KEAL-AZ 1250 KZTR-KS KIUP-CO 1260 KBRH-LA WDLX-NC WWVT-VA	KCRS-TX KVDL-TX 1290 KGDP-CA 1220 KBZS-CA KGGF-KS 1230 WSBB-FL 1310 KXXX-KS WSSO-MS 1340 WAMI-AB WCMC-NJ KBIF-CA 1240 WMVU-NH WWZQ-MS 1380 KEAL-AZ 1250 KZTR-KS 1400 KIUP-CO 1260 KBRH-LA 1420 WDLX-NC WWVT-VA 1430	KCRS-TX KVDL-TX 1290 WKNE-NH KGDP-CA 1220 KBZS-CA WFBG-PA KGGF-KS 1230 WSBB-FL 1310 KGMT-NE KXXX-KS WSSO-MS 1340 WKOZ-MS WAMI-AB WCMC-NJ WRHI-SC KBIF-CA 1240 WSYY-ME 1370 KXTL-MT WMVU-NH WWZQ-MS 1380 WNRI-RI KEAL-AZ 1250 KZTR-KS 1400 KRVZ-AZ KIUP-CO 1260 KBRH-LA 1420 WDBF-FL WDLX-NC WWVT-VA 1430 KMRC-LA	KCRS-TX KVDL-TX 1290 WKNE-NH 1490 KGDP-CA 1220 KBZS-CA WFBG-PA 1510 KGGF-KS 1230 WSBB-FL 1310 KGMT-NE KXXX-KS WSSO-MS 1340 WKOZ-MS 1520 WAMI-AB WCMC-NJ WRHI-SC 1540 KBIF-CA 1240 WSYY-ME 1370 KXTL-MT 1550 WMVU-NH WWZQ-MS 1380 WNR-RI KEAL-AZ 1250 KZTR-KS 1400 KRVZ-AZ 1560 KIUP-CO 1260 KBRH-LA 1420 WDBF-FL 1570 WDLX-NC WWYT-VA 1430 KMRC-LA 1580

the world of DX'ing can be confusing, but both new and experienced DX'ers can find answers in Russ Edmunds' column, "Target DX." If you have a DX question, just send it to Russ at <<wbody>AcceptableNo. 1AcceptableNo. 1Ac Blue Bell, PA 19422-2052 and he'll answer it in a future column. Remember you're not alone - we all started at the beginning - once!

Target DX R. J. Edmunds 753 Valley Rd.

wb2bih@nrcdxas.org Blue Bell, PA 19422-2052

DX'ing 'smart', with shared tips and requests by NRC members

Here we are once again with another edition of Target DX! This time, the topic is "Noise" - of the man-made variety. The next column will again feature multiple topics. I'm still looking for your questions and also suggestions for topics for future columns, on the NRCDXAS listservs, by off-line email or by regular mail!

So you say you've got a noise problem? Doesn't pretty much everybody these days - at least among the BCB DX fraternity? In an age of a dizzying number of electrical devices, we find that more and more of them cause interference on the AM band. As we continue this discussion, we'll talk about many of them, as well as discuss some tips for finding and dealing with them.

The first step is to determine what kind of noise is present. Is it constant or intermittent? If it's intermittent, does it seem to have a regular pattern or is it random? Does the noise affect only a portion of the band? If you use a loop antenna, can the noise be nulled? Is the noise present only at night, or at twilight? These are the types of questions to answer first.

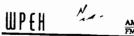
If the noise is intermittent, then something is creating it only sometimes, and the pattern or lack of it may give you hints. For instance anything with an electric thermostat, whether it's an aquarium heater, a clothes dryer, a stove, an electric blanket or any number of other items, you'll hear either a short popping, buzzing or crackling sound, followed by silence until the thermostat is called to action again. If you hear a very regular periodic buzz, it may be a motor that needs to be serviced, likely for bad brushes. This motor could be in a refrigerator or a washer or dryer, a furnace or a power tool. If the noise appears at different frequencies throughout the band, and is constant sometimes and absent other times, it may be TVI (television interference). A noise which is usually only present at night, twilight or on very dark days can usually be traced to some sort of a light sensor for automatically turning on indoor or outdoor lights or other appliances.

So once we think that we have an idea as to what type of noise we may be dealing with, the next step is to try to locate it. There are two basic ways to do that, and each requires the use of a hand-held battery-powered AM radio. Of course, if you have a non-constant noise, you'll need to do this when the noise is in evidence.

First, let's determine whether you have a situation where the noise is prevalent on the receiving gear in your shack, but not on the portable radio. This may be due to a problem in your receiver or in your antenna. If you're using a loop, it is easy enough to physically put the portable inside the field of the loop. If there now is noise on the portable, the noise is being picked up by the high gain of the loop antenna, and it is probably nullable to determine a direction for the external noise source. If that is the case, you'll need to follow the procedures further below for noises produced outside of the building you DX from. If there is still no noise on the portable, then there is likely a problem with your receiver. The best bets are poor grounds, bad capacitors to ground or possibly bad tubes. In this case a complete check of the receiver is called for. If you're using an outdoor antenna, it is possible that the noise is being received by the antenna just as if it were a radio signal. In the case of very long and/or highly directional antennas, this is often a situation where the noise source may not be close enough for you to easily identify it.

Once the receiving system is eliminated as the source of the noise, take the portable radio with you to the electrical panel in your residence, turn it on and hold it near the panel. Then turn circuits off, and then back on again, one by one. As you turn each one off, listen for the noise to disappear and to reappear when you turn it on. If that occurs, you know that the problem is on that circuit. If that doesn't seem to work, repeat the process, except omit turning each circuit back on until you've turned them all off. This may determine that you have two noise-producers on two separate circuits. After all of this, it's very possible that either the noise remains even with all circuits off, or that it only disappears when the mains are off. If the latter, try to reposition the portable radio so that it's right next to the main power cable coming into the panel. If the noise reappears, or if it never disappeared, then it's probable that it's being transmitted along the power lines from an external source. If you've been able to isolate a specific circuit, and you know what rooms are on that line, refer to Chart I at the end of this article for probable noise generators.

If your investigations at the electrical panel don't turn up any leads, take the portable radio with you, leaving the circuits turned off, and locate places where other electricity-based services such as cable TV or telephone, enter the building. Place the portable radio near the wires for these services to see if the noise becomes louder as you do so. If so, try to compare the



loudness of the noise here as opposed to at the electrical panel to determine which is the more likely carrier of the noise. Then return to the electrical panel and turn the power back on to all circuits. Next take the portable radio again, and go outside see if you can identify any external sources for the noise. Check at nearby utility poles, if your electricity is furnished above ground. After securing permission to do so, take the portable and walk around any buildings on adjacent properties, trying to compare noise levels there against both each other and at your residence. If you find that one particular neighboring structure seems to have the loudest noise, you'll need to get permission to perform the same checks with the utilities that you did at home. In many cases where the noise is externally generated, it may be coming from a neighboring building.

Once you've located a particular area where the noise is originating, it's time to check for the specific source. This can also be done using the same portable radio, although it's often useful to think about a target list of the types of things that are most likely to cause electrical noises. For a preliminary list, refer to Chart I at the end of this text. Depending on what device is the culprit, you may have some options for correcting or at least reducing the noise problem. Unfortunately, even some sources of problems in your own living quarters may not be so easy to fix, and those which are external may be even harder, assuming that you're able to identify them at all.

Sometimes you can eliminate or reduce noise generated through the power lines by making sure that your receiver is on a separate circuit from any noise-producing devices. Another may be a noise-reducing line filter. In some cases, where the noise isn't generated by something which absolutely must be running while you're DX'ing, you can simply turn the noise source off. If your outdoor antenna is picking up noise radiated through the air, a noise-reducing antenna may be the answer. Perhaps even relocating an outdoor antenna to place it further away from a known noise source will be adequate.

If you have strong reason to suspect that the noise source is external, whether you believe that it is being generated by faulty power generating equipment or whether you believe that it is simply being radiated over the power lines, most electric utilities (as well as most telephone and cable TV companies) have people on their staff who specialize in investigating electrical noise complaints or problems, and you should make use of these persons where appropriate. A local amateur radio club may also have a member who has become an expert in tracking down noise problems.

If you have narrowed your focus down to a particular electrical device, you should be aware that although the device itself or the literature supplied with it may state that it is "FCC Type Accepted", this might not mean very much. Any item which may either cause or be susceptible to radio interference must meet FCC requirements. Generally speaking, the FCC requires that any such item not create interference above certain specified parameters, but very often the result is that some level of interference within some close proximity to the device in question is permissible. The intent is that your appliances don't interfere with your neighbor's radios and the reverse, although in some cases that may still be permissible. Remember that we are practitioners of a hobby most people have never heard of, and that government regulations aren't intended to necessarily protect against noise which prevents us from hearing distant stations nor are they intended to always protect against noises generated within our own residence from interfering with radios in that same residence.

In summary, here are a few added observations about noise and noise-reduction. Generally, a loop antenna will pick up less noise than a random wire antenna, a vertical antenna will usually pick up more noise than a horizontal one, and a directional outdoor antenna array will generally exhibit the same reception pattern for externally radiated noises as they do for radio signals. If you have multiple outdoor antennas, it may be possible to use a phasing unit to mix the signals from each to reduce specific noises, and if you do not, it may be worthwhile to investigate adding even a simple one just for that purpose. Also, some power line-transmitted noise can be eliminated or reduced through the use of a battery-powered receiver located as far as possible from any power lines.

	Chart I RADIO 1300
Noise Source	Chart I RADIO 1300 Type of Noise LA MEXICANA
Fluorescent fixtures	. Continuous rough sounding buzz
Halogen bulbs	Continuous buzz
Electronic light dimmer	Continuous often slightly wavering buzz
Photoelectric sensor switch	Continuous often slightly wavering buzz (SCR or
	Triac type)
Oven, clothes dryer, etc. electric pilot	Periodic crackling or short-burst buzz
Aquarium thermostat	Periodic crackling or short-burst buzz or popping
•	sound
Electric garage door opener photocells	Steady low-frequency (usually < 1 kHz.) hum or buzz
Television	Continuous but often-variable rough-sounding buzz
Computer	Monitor can sound like TVI; computer itself can emit
•	various buzzes at differing frequencies
Power tools	Popping noises, sudden noise pulses, or buzzes
	repping noises, sudden noise pulses, or buzzes

International DX Achievements

Year

Renfrew, Iim

Wolfish, Niel

Taylor, Pete

Mount, Paul

Long, John

Floden, Eric

Lynch, Don

Edmunds, R. J.

Bartek, Daniel, Jr.

Froemming, Gary

Karchevski, Bob

Bruner, Jesse R.

Edmunds, R. J. (paper)

Paul Swearingen plsBCBDXER@AOL.com

2840 SE Illinois Avenue Topeka, KS 66605-1427

International DX verie/taped totals listed by continents

Total

Started DX'er Location Update Africa Veried Ctries NA Forgn Eur Oc Asia Dangerfield, Ben PA VA/NY/PA Anderson, Roger A. Moore, Ray MA 23 Geary, Kermit PA Morss, Stan MA VA Merriman, Alan OH Krejny, Edward Schiller, Ron NJ NY-MA Cooper, Ernest Rugg, Andy ŎΝ Whatmough, Dave NZ 51 McIntosh, Eric OH Starr, Jerry Callarman, John 54 Sampson, John NJ Sgrulletta, John ΝÝ Musco, Ron CT Wesolowski, Ernie NE 33 77 19 Palmer, Richard D. 1L Fela, Joseph NI 567 Phillips, Dan TN/AL Scrimgeour, Gray CA/ON Dellit, Sam Australia 1965? Neff, James R. NY Steele, Sid 1L Wheeler, Frank PA Heinen, Wayne NY/CO Reynolds, Bruce MO Falconer, Jeff ON Luton, Relfe NC Edmunds, R. J. (taped) Holland, George B., Jr. ΝÝ Swearingen, Paul (taped) KS Kadet, Jeff MD Wood, Dr. Richard E. LA Sorensen, Morris ON/MB 457 Bytheway, Phil WA

Last

ON 1977

CA 1993

AZ 1994

NJ

NI 1995

KY

CT 1968

NY 1999

NE 1976

MA 1980

ONT

MA/CA

No new updates this time around, so perhaps while you're ruminating about the effects of left-over turkey, you could updates your totals and send them in? Feel free to send in your updated totals in time for the next IDXA; you probably have a month or more. Remember, only taped or paper veries are counted, and mainland U.S. and Canadian catches should not be included in NA totals for either U.S. or Canadian DX'ers. Include your best catch from each continent and all other totals when reporting. Our next column will feature European totals.

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0 0

0 13

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It may not be perfect ...

but the NRC AM Log is, simply, the best there is because of your contributions. Why not make the next edition even better? Send all corrections and changes to Wayne Heinen - 4131 S. Andes Way - Aurora, CO 80013-3831, or nrclog@aol..com. Thanks!

Phil Bytheway phil-bytheway@teknologic.net 9705 Mary NW Seattle, WA 98117-2334

High "A" values indicate possible auroral conditions

Geomagnetic Summary January 16 2000 through March 6 2000

GEO - Geomagnetic activity maf - major flare mas - major storm mis - minor storm

pca - polar cap absorption SA - Solar Activity spe - satellite proton event ss - severe storm

<u>Date</u>	<u>FLUX</u>	\underline{A}	K	<u>SA</u>	<u>GEO</u>	<u>(</u>	<u>OTHEI</u>
8/31	163	18	3	low-mod	unsettled-active		- 8
9/1	158	16	4	low-mod	quiet-active		- 6
2	z	z	z	z	z		- z
3	154	8	1	low-mod	quiet-unsettled		- 5
4	171	8	2	low-mod	quiet-active		- 7
5	180	6	1	low-mod	quiet-unsettled		- 3
6	179	8	3	low-mod	unsettled-mis		-6
7	173	14	3	low-mod	unsettled-active		- 7
8	163	18	3	low-mod	quiet-unsettled		- 7
9	151	8	0	low-mod	quiet-unsettled		- 3
10	141	4	0	low	quiet-unsettled		- 3
11	135	3	2	low	quiet-unsettled		- 6
12	133	16	3	low	quiet-active		- 9
13	133	9	2	low	quiet-mas		- 5
14	151	6	1	low-mod	quiet-mas		- 5
15	159	12	4	moderate	quiet-active		- 8
16	175	20	4	mod-high	unsettled-active		- 10
17	182	28	5	low-mod	active-mis		- 10
18	204	33	3	low-mod	active-mis		- 7
19	207	17	3	low-mod	unsettled-active		- 6
20	211	10	1	low-mod	quiet-unsettled		- 5
21	211	10	2	low-mod	quiet-unsettled		- 5
22	232	7	2	low-mod	quiet-unsettled		- 4
23	225	7	1	low-mod	quiet-unsettled		- 4
24	225	9	2	low-mod	unsettled-active		- 6
25	226	12	4	low-mod	unsettled-active		- 9
26	224	21	3	low-mod	unsettled-active		- 9
27	205	11	2	low-mod	quiet-unsettled		- 6
28	202	12	1	low-mod	quiet-unsettled		- 5
29	192	4	3	low-mod	quiet-unsettled		- 8
9/30	194	30	4	low-mod	unsettled-mis		-7
10/1	202	13	1	moderate	quiet-unsettled		- 5
2	203	11	4	low-mod	unsettled-active		- 8
3	192	24	2	low-mod	quiet-active		- 6
4	184	33	5	low-mod	unsettled-mis		- 9
5	174	68	2	low	quiet-active		- 6
6	158	3	2	low	quiet		- 4
7	156	5	0	low	quiet		- 4
8	148	1	1	low	quiet-unsettled		- 6 10/
9	141	3	0	low	quiet-active		- 7
10	140	10	3	low-mod	quiet-active		- 6
11	151	12	3	low-mod	quiet-mis		- 6
12	163	8	5	low-mod	active-mis		- 9
13	168	22	3	low-mod	unsettled-active		-7
14	163	30	1	low-mod	unsettled-active		- 6
15	161	9	4	low	active		- 6
16 1 7	161	11	3	low-mod	quiet-active		- 6
18	154	9	2	low-mod	quiet-active		- 7
19	151	8	3	low	quiet-active		- 6
20	158 161	8 2	0	low	quiet-unsettled		- 5
20	101	2	1	low	quiet-unsettled		- 5

Easier Listenina!

Are vou expiring?

We hope not! To avoid expira-tion, mail your remittance to the DX News Membership Center early. Allow at least three weeks after mailing your check or money order for new renewal data to appear on your mailing label.

Need more information about AM DX'ing? Mail a First-Class stamp to NRC Publications - P. O. Box 164 -Mannsville. NY 13661-0164 and ask for the NRC **Publications** Catalog.

21	158	4	0	low-mod	quiet-unsettled	- 4	T
22	160	10	3	low-mod	unsettled-active	- 7	10
23	167	15	2	low	quiet-unsettled	- 6	E f.
24	159	12	0	low	quiet-unsettled	- 5	That'
25	164	9	2	low	quiet-unsettled	- 6	the N
26	171	9	2	low-mod	quiet-unsettled	- 6	And a
27	176	4	0	low-mod	quiet-unsettled	- 5	contr
28	182	17	5	low-mod	active-mis	-7	editing
29	187	24	5	low-mod	unsettled-active	-7	DX A
30	194	13	1	low-mod	quiet-unsettled	- 6	and all
10/31	193	14	3	low-mod	quiet-active	- 9	don
11/1	204	5	2	low-mod	quiet-unsettled	- 6	volunte
2	196	2	1	low-mod	quiet-unsettled	-	team.
3	199	3	2	low-mod	quiet-active	- 8	little t
4	195	19	3	low-mod	unsettled-active	- 7	you you
5	186	8	2	low-mod	unsettled-active	- 9	pleas
6	178	33	5	low-mod	unsettled-mis	- 8	Chatte
7	180	33	1	low-mod	quiet-unsettled	- 5	164 - 1
8	173	14	3	low-mod	quiet-unsettled	- 9 flare	13661
9	166	11	4	low-mod	quiet-unsettled	- 8	him
10	153	25	2	low-mod	quiet-active	- 6	talent
11	150	10	3	low	unsettled-active	- 8	can
12	147	20	1	low	quiet-active	- 8 - 5	club.W
13	144	7	1	low	quiet-unsettled	-7	<u> </u>

's what makes NRC so great! all information. tributions, and g for DX News, Audio Service, II publications is ne by unpaid teers as part of a Do you have a time to give to ur club? If so, se write to Ken erton - P. O. Box Mannsville, NY 51-0164, and let n know what ts and time you n offer to the Why not write to Ken today?!

Musings

Dave Schmidt NRCMusings@aol.com P. O. Box 3111 Scranton, PA 18505-0111

of the Members

Times are local per Muse; submit double-spaced only.

Thoughts from NRC members ... the opinions expressed in this column are those of the individual writerand do not necessarily reflect those of the editors, publishers, or the National Radio Club, Inc.

Rod O'Connor - P.O. Box 198 - Southwest Harbor - ME 04679 (rjoc@webtv.net)

It has been a few years since I last contributed to these pages, but that doesn't mean I haven't been reading. Just been busy, as the old excuse goes. As of last year I moved back east. After 15 years in Kodiak Alaska, I am now living "down-east" on the coast of Maine. Not spending as much time behind the dials as I used to, but still love to take do a band-scan every now and then. I'm still getting used to hearing stations start with a W, instead of the K which I was accustomed to in Alaska...And of course, it's great to hear the Canadian C's here too, as I am only 60 miles from the New Brunswick border, and Yarmouth, Nova Scotia is just over 100 miles across the Bay of Fundy. Did purchase a new GE Superadio III this past summer, which I must admit, I am not overly impressed with. I also have a 17-year old Superadio I, which I find much more solidly-built, with a better tuning dial. On the other hand, I do like having the new 1610-1700 band available on the SRIII. One of the first things I did with the SRIII was pull it apart and retune the AM dial, which as received was 30-40khz off. I now have it down to within 10 khz. Still, the sensitivity doesn't quite match up with the SRI. As for FM on the SRI, it is basically a joke: pathetic with little selectivity, and the tuning dial even worse. I also have an old Sony ICF-2010 which I brought back in 1987. It has been a lemon since day one. Has been sent to shop, under warranty twice to repair loose antenna connections, and wires. Now it is only useable for FM and VHF-Air. MW/SW totally gone. It picks up all sorts of electrical noise, and has a lot of internal self-generated noise also. I read all sorts of great comments about the radio, especially the newer sets. Mine, unfortunately is a piece of junk. Anybody have recommendations for a good small or medium sized stereo system wih good FM AND AM reception. Been looking to replace my 20-year old system with a newer CD/Cassette/tuner combo, and would like something with decent specs for DXing. Would be interested in comments. Has anybody else hecked out the new Tivoli Audio Model 88 mentioned in DXN a couple of weeks ago? I looked at their webiste, and it reminds me of the old KLH radios back in late 60's and early 70's which were quite exceptioal. Unfortunately the new Tivoli does NOT show any provision for an AM External antenna. FM, yes, but not on AM. as far as I could see on the web-page. I just realized I have been with NRC for over twenty years. Sure have learned a lot, and enjoyed all the camaraderie. Looking forward to more DX and information over the next 20. Will be contibuting more to these pages over the winter.