

# DX News

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Volume 64, No. 10 - December 9, 1996 (ISSN 0737-1659)



## Inside...

2 .. DDXD  
9 .. Metropolitan Net

16 .. Parallel IDXD from MA  
18 .. DDXA  
20 .. GYDXA-1240

### CPC Test Calendar

KSTL	MO	690	Dec. 14	0300-0330
WIMN	MN	1220	Dec. 14	0130-0200
WWCN	FL	770	Dec. 15	0300-0400
WSAF	GA	1180	Dec. 16	0230-0300
KPOF	CO	910	Dec. 21	0200-0230
WWCN	FL	770	Dec. 22	0300-0400
WRJZ	TN	620	Dec. 29	0255-0300
WWCN	FL	770	Dec. 29	0300-0400
KIYU	AK	910	Dec. 29	0500-0530
KJSL	MO	630	Dec. 30	0300-0330
KSTN	CA	1420	Jan. 1	0300-0800
KXNO	NV	1140	Jan. 4	0300-0330
WWCN	FL	770	Jan. 4	0300-0400
CFGO	ON	1200	Jan. 6	0300-0400
KEZM	LA	1310	Jan. 11	0100-0130
KPQ	WA	560	Jan. 11	0300-0400
WWCN	FL	770	Jan. 12	0300-0400
WAKK	MS	1140	Jan. 13	0130-0200
WAPF	MS	980	Jan. 13	0200-0230
WWCN	FL	770	Jan. 19	0300-0400
WWCN	FL	770	Jan. 26	0300-0400
WBOW	IN	640	Feb. 16	0030-0100

**From the Publisher ...** This issue is a case of "if it fits, we print it", as "AM Switch" is on maternity leave (make that, "grandfatherly"?), IDXD was severely truncated in transmission, and several other columns are on hold, perhaps until the next issue, space permitting.

Thanks also to those of you who are keeping track of mail deliveries through #15.

**ANARC News ...** We ran out of space last issue, so we'll continue outgoing chairman Richard D'Angelo's comments here: "It's that time of year ... nominations for our "Hobbyist of the Year" award. If Club Representatives have any hobbyist they wish to nominate, please forward them to either myself, Dave Marshall, or Mark Meece. Last year, the Executive Board established the three of us to be an Awards Committee to develop nominations for this award and to consider special recognition awards. Before we place names in front of you for selection, we seek any input you may have to offer on possible nominees. Therefore, please take a few moments to think about hobbyist(s) you would like the committee to think about and forward any names and your reasons to us by December 31st." NRC members' comments should go to

NRC ANARC rep Dave Schmidt (addresses on back cover) for his submission to ANARC.

Richard also provided interesting stats as to club sizes at the end of 1996:

Club	1996	1995	Incr./ (Decr)
A*CE	232	240	(8)
AOSC	751	811	(60)
ASWLC	200	300	(100)
CHRS	320	320	0
CIDX	293	355	(62)
DECAL	77	69	8
DXAS	142	150	(8)
IRCA	260	245	15
LWCA	521	510	11
MDXC	28	31	(3)
MVDXC	60	64	(4)
NASWA	1,430	1,450	(20)
NRC	795	702	93
PiPa	70	68	2
PNBCDXC	30	36	(6)
SCADS	15	15	0
WTFDA	300	363	(63)
<b>Sub-Totals</b>	<b>5,524</b>	<b>5,729</b>	<b>(205)</b>
RCMA	-0-	1,975	(1,975)
<b>Total</b>	<b>5,524</b>	<b>7,704</b>	<b>(2,180)</b>

According to Richard, "The Association's clubs dropped sharply due to the demise of the RCMA. The total drop of 2180 people represents a decline of some 28.3%. However, of those clubs continuing its membership in the association, a more modest 205 member or 3.6% drop took place. Primarily due to the closure of a number of member clubs (ADXR, SPEEDX, and RCMA) over the last few years, the membership base of our member clubs continues to decline. Except for a few notable exceptions, such as the NRC, the decline is fairly broadbased."

### DX Time Machine

**From the pages of DX News:**  
50 years ago ... from the December 7, 1946 DXN: Ernie Cooper, Brooklyn, NY, caught WPBP-1450, Mayaguez, Puerto Rico, testing with RCA, Riverhead, NY, on Dec. 2, 4:30 to 5:00 am; the program consisted of LA music.

25 years ago ... from the December 11, 1971 DXN: Ernest R. Cooper, Brooklyn, NY ID'ed a tester on 1000 as WKBQ, Garner, NY, a 250-watt daytimer.

10 years ago ... from the December 8, 1986 DXN: WHOT-1630, Brooklyn, NY aired a "weird Halloween program" 10/31 and was heard by Kermit Geary, Walnutport, PA, from 2220-2330.

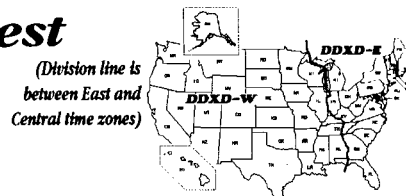
2  
**Domestic DX Digest**

**West: Bill Hale** billhale@wazoo.com  
 301 Boulder Bluff - San Marcos, TX 78666-8350

**East: David Yocis** DavidYocis@aol.com

David Yocis - 97 Clinton Ave. - South Nyack, NY 10960

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



**DDXD-West**

MEDIUM WAVE RAMBLINGS

- **Shawn sez:** "Poor conditions and lots of family commitments lead to little DX. The new car has a great radio. It is a 1996 Ford Taurus. Radio is far superior to those in the Dodge or Plymouth I have owned in the past. Lots of snow now (3-4 times the norm) and temps going to -25 to -29C at night. Must be WINTERPEG.
- **Bob Karchevski writes:** "Apparently, the KALM-1290 test did run. Attached FYI: 'No problem Bob, several people had trouble that night. Be looking for another opportunity soon. JD will contact me and we will be happy to run another test. Dave Thayer, Missouri'."
- **John sez:** "A good start to the 96/97 DX season, with 11 new stations and 10 call changes in the past 32 days. Heard some nifty stuff at the Beverage site last week, including Radio Católica (Nicaragua) on 720.18 and XETGO-1100 from Tlaltenango, Zacatecas. XEWQ-1329.9 was also new. Totals heard here are 1326 'basic' + 26 frequency changes + 308 call changes since 1981." **Gerry Bishop** checks in from his new (temporary) QTH in Albuquerque with some northern New Mexico notes. A couple of DXpeditions just north of the new Denver International Airport proved very productive for **Craig Barnes** and friends. Between loggings, they volunteered to look for lost luggage, but found only dirty diapers, hi. This is a good example of our members getting together to log a few new ones, and probably to down a few cold ones, hi. Just to keep warm, of course.

REPORTERS

- SB-IL **Steve Branch Champaign** GE Superadio III <sbranch@cscmail.csc.com>
- DB-MB **Darryl Belanger Swan River** DX-160 + SM-2 <fishguy@freenet.mb.ca>
- GG-HI **Greg Greenwood, WB6FZH/KH6 Kaneohe** R-390A/FRG-8800/ HRO-M(1944), various converters, and preamplifiers, etc + multiband vertical at water's edge, G5RV and Longwire
- JW-CO **John Wilkins Wheat Ridge** Drake R-8 + 4' box loop, 850' SSE Beverage
- AB-CA **Art Blair Orangeville** NRD-515 + Palomar Loop
- SP-WI **Sheryl Paszkiewicz Manitowoc** Drake R8, Eavesdropper antenna or DX-390 with whip antenna
- GB-NM **Gerry Bishop Albuquerque** DX-440 barefoot
- BR-CA **Bruce Reynolds San Jose** GE Superadio II <ereynold@email.sjsu.edu>
- JR-OK **John Reed, KA5QEP Ponca City** modified Sylvania R1414/URR + noise reduced wire, Kiwa MW loop, ANC-4 phasing <jtreed@juno.com>
- CR-CO **Craig Rathbone Denver** GE superadio III <av568@freenet.uchsc.edu>
- SB-IL **Steven Branch Champaign** GE Superadio III <sbranch@cscmail.csc.com>
- SP-WI **Sheryl Paszkiewicz Manitowoc** Drake R8, Eavesdropper antenna; NRD-525 w/same
- CB-CO **Craig Barnes Wheat Ridge** Drake SW8, ICF-2002, Superadio III, DX-400 + 4' box loop, Harley Loop, and 2-70' center-fed impedance-matched slopers feeding a DL-1 phasing unit [What?? No kitchen sink? Hi - Ed.]
- CB-DIA1 **Craig Barnes with John Wilkins, Wayne Heinen, Chris Knight & Loyal Richmond** Beverage site just north of Denver International Airport DrakeSW8, ICF-2002 + 1200' ENE Beverage
- CB-DIA2 **Craig Barnes with John Wilkins, Chris Knight** same stuff as DIA-1
- SA-MB **Shawn Axelrod Winterpeg** ICOM R-70 w/filter mods and PLAM board + 4' box loop/Quantum Loop/100' lw <saxelrod@mb.sympatico.ca>
- BK-CA **Bob Karchevski Sunnyvale** Drake R8-A with 4' air loop <karchev@nt.com>
- DS-TN **Doug Smith Pleasant View** UnID help <72777.3143@compuserve.com>

SPECIAL

- 610 CKYL AB **Peace River - CKYL goes digital.** Another desktop radio station, CKYL Peace River has turned up a digital on air system consisting of BN's I-NES for news and a Media Touch server. The station now operates with 14 computer terminals and a Novell network. (CBD)
- 790 WAYY WI **Eau Claire - 11/8 1905** - Wafting through the QRM with *Newstalk 790 WAYY*. Into syndicated talk show. Ex: WEAQ. (JW-CO)
- 1020 KJKK MN **Fergus Falls - 11/11 0745** - Fair at best, in partial KCKN null, with oldies music. *K-J Oldies* slogans. 0800 legal ID: You're listening to . . .50s, 60s, and 70s on K-J Oldies, AM 1020 KJKK Fergus Falls, Minnesota., then area news, local ad. Minnesota #41. (JW-CO)
- 1050 KNML NM **Los Ranchos de Albuquerque - 10/15 1200** - Station is all-sports. IDs as *The Sports Animal*. (GB-NM)
- 1129.56 KLSR TX **Memphis - 11/6 1834** - With segued C&W songs with occasional female DJ. Ads at 1902, sign-off announcement at 1904, but continued afterwards with headlines and a few bars of *(I Can't Get No) Satisfaction*. Finally off at 1906. Another example of *We do what we want to mentality*. **Logged them on this frequency last fall, too.** (JW-CO)
- 1150 CKX MB **Brandon - 11/23 1650** - Good signal, with country and western music and local talk. Now Non-ID'ing as *11-50 Kicks*. (SA-MB)
- 1210 KQTL AZ **Sahuarita - 11/6 1928** - Good, in partial KGYN null, with ad for local event on November 10, sponsored by several including *El Depto, de Parques y recreo de la ciudad y sus amigos de . . . Radio Mundo KQTL*. 1930 CNN Spanish Network News. Heard slogan a couple more times, subsequently, so apparently *Radio Mundo* (not Radio Rumbo) is their new slogan. Ex: Radio Que Tal. (JW-CO)
- 1340 KTSN NV **Elko - This new station is ON**, heard quite well at times 2015-2115 on 11/21. Slogan is *The Source* and they have a talk format featuring the usual suspects: Rush Limbaugh, Dr. Dean Edell, Dr. Laura, the Sports Babe, etc. Mentioned 24 hours, news from CNN and sports from ESPN. (BR-CA)
- 1460 KKTK TX **Waco - 11/4 1900** - Poor, in KBZO/XEYC/KKCS QRM, with legal ID. Ex: WACO. Hate to see that call go. (JW-CO)
- 1480 CHRD PQ **Drummondville** - The sale of CHRD Drummondville, Quebec, has been approved along with a conversion to FM. The "new" station will operate on 105.3 with an ERP of 3000 watts. The 40 year old station has had a rough road financially for the past few years; going bankrupt three times and finally falling into receivership. The new owners say the sale and conversion to FM will be a new lease on life for the station. (CBD)
- 1500 KOMH **OKPawhuska - 11/18 0815** - Format changed from C&W to oldies. (JR-OK)

UNIDs and UNID HELP

- 1280 UNID ?? - 11/23 0100-0130 -While listening for WTMV-FL DX test, I distinctly heard a male voice say "KFRB Modesto". Could someone be simulcasting? There is a KFIV-1390 in Modesto. (BK-CA) [KFIV is on 1360. At least that what the NRC AM Log says - Ed.]
- 1560 KCJJ IA **Iowa City** - Regarding **Russ Edmunds'** suggestion of KCJJ as PL's unID, I don't think so. When I heard them last (most of the trip across Iowa in mid-October) there was no mention of an FM, and in fact I'm not certain they own one. (DS-TN)
- 1639.9 KWJC WA **Green Acres - 11/11 0555** - Regarding **Shawn & Wayne's** "Spurs and Hets", I believe this one is a pirate. I heard these calls on 1580 on my last visit to Spokane (over 7 years ago.), dual ID with an FM which wasn't heard. Seems to me there's been a more recent report of this operation moving to the expanded band, but couldn't tell you where I read it. (DS-TN)

DX AND EQUIPMENT TESTS

- 680 WJCE- TN **Memphis - 11/10 0100** - Test tried, no dice. KNBR dominant with an unID C&W station more or less east-west, and another unID with *Fibber McGee* program. (JW-CO)

- 770 WWCN- FLNorth Fort Myers - 11/24 0300-0306 - KKOB dominant. At 0300 KCBC Sacramento sign-off, with KNWX right there to fill the "void". Also annoying buzz in bg. (BK-CA)
- 1190 KKOJ+MN Jackson - 11/19 0130-0203 - Good signal on DX test, with CIDs, VIDs, oldies-type music. Mostly over partially-nulled CFSI Weyburn. Code and 90% of voice IDs strong. A surprise at that strength. New! (DB-MB)
- KKOJ+MN Jackson - 11/18 0135 - Good on peaks, in KBCO null, with long version of *Na Na Het Hey Kis Him Goodbye* song, followed by *This is 1190 KKOJ, Jackson ????* conducting a test. Then into *Spanky and Our Gang* song, then *This is 1190 KKOJ Jackson ????* conducting a test. New, for Minnesota #23. (CB-CO)
- 1280 WTMY- FLSarasota - 11/23 0100-0130 - Only heard KJAX in Stockton and REL station KFRN. Also brief ID from KIT Yakima (new for me). No morse code, etc. (BK-CA)
- 1290 KALM- MOTHayer - 11/18 0110-0130 - No dice. Only KOWB slop. (CB-CO)
- 1420 WBRD- FLPalmetto - 11/23 0030-0100 - KSTN Stockton dominant here. Two unID stations in background, one SS. (BK-CA)
- 1570 WYTI- VA Rocky Mount - 11/9 0000 - Not heard on re-scheduled DX test. Just XERF, CKMW and a couple others. (JW-CO) No Dice. Just XERF and jumbalaya. Thanks to Wayne Heinen for the reminder, anyway. (CB-CO)

### TIS & OTHER STUFF

- 530 UNID NM - 11/13 ~1830 - Test message without ID: *Testing. This is message number one. This is the end of the test. Testing. This is a test of message number two, recorded locally with the handset and this is the end of the test of message number two. Testing. This is a test of message number three.* Endless loop, with no break between the end of number 3 and the start of number 1. Total time of 24 seconds to air entire message. Weak, and looped east/west. (GB-NM)
- UNID NM - 11/13 ~1830 - Test message similar to the one above, save for slightly longer message number one: *I repeat, this is only a test and this is the end of the test.* Looped NW/SE. Weaker than above. (GB-NM)
- 1610 UNID NM Albuquerque? - 11/13 ~1830 - Test message with big signal at Kirtland AFB. Similar format to 530 kHz tests, with some minor text variations. Male voice doing all three messages. Wonder what this is about. (GB-NM)

### MIDNIGHT TO 0800 HOURS ELT

- 540 KNNZ CA Costa Mesa - 11/26 0039-0212 - Tuned into LA Clippers basketball (Bulls win), game over at 0100. Several IDs as *K-News*. 0150 ID: *Southern California's News Source, 5-40 & 12-??, your news station.* The reference to 2nd station puzzling, maybe KNNZ-1260? [Yes, 1260 KNNZ, according to '97 NRC AM Log - Ed.] Nulled CBK and in/out with SS (XEWA?), gone by 0200 leaving SS by itself. 240 watts per log. (BK-CA)
- 550 WASG AL Atmore - 11/17 0552 - In KSD null, // WYDH 105.9, atop the channel with child reading promotion *This is Pamela and I love listening to WYDH*, then into C&W music. Not bad for 140 watts! (SB-IL)
- 590 KSUB UT Cedar City - 11/16 0722 - With ID as AM 590, KSUB and ad for One Stop mailing shop in Cedar City. C&W music format. (CB-CO)
- KSB UT Cedar City - 11/23 0650 - CLs and Easy listening music. *KSUB Easy Listening*. Strong signal. (CR-CO)
- 620 KTAR AZ Phoenix - 11/16 0758 - With CL ID, ad for car dealerships in Scottsdale and Phoenix, and into local news. (CB-CO)
- 710 WHB MO Kansas City - 11/9 0029 - CID under WOR. New. (SP-WI)
- 740 KRMG OK Tulsa - 11/22 0630 - With extensive news/weather program, many KRMG mentions. Lotsa Tulsa road mentions. New here, battling usual KCBS for superiority. [Ed.-NM]
- 1020 WPEO IL Peoria - 11/14 0715 - In briefly, with ID as WPEO Peoria and into REL program. New. (CB-CO)
- 1130 KLEY KS Wellington - 11/11 0740 - Weak, with ID as KKLE. New. (CB-CO)
- WISN WI Milwaukee - 11/16 0755 - With ID: AM 1130, WISN. Ad for Cedarburg Lumber Company. Announcement for a local demo of Bose Wave Radio at a local hotel. Strong. (CB-CO)
- CKWX BC Vancouver - 11/8 0710 - With CKWX *Newstime*, ten minutes after the hour. Piece on electric gaming machines. (CB-CO)

- 1140 CHRB AB Peace River - 10/29 0736 - With ID as AM 1140 CHRB and into C&W music. Real strong (new transmitter? Old call sure didn't sound like this!) First time heard with new call. (CB-CO)
- 1440 KPUR TX Amarillo - 11/18 0740 - News, weather with CL ID. (JR-OK)
- 1450 KVSL AZ Show Low - 11/14 0700 - With CL ID and into ABC News. (CB-CO)
- KEYY UT Provo - 11/15 0702 - With CL ID and into REL program. Mention of KEYY *Message of the Day*. Weak. New. (CB-CO)
- 1470 KERE KS Atchison - 11/18 0756 - News from Kansas News Network. New here. (JR-OK)

### 0800 TO 1600 HOURS ELT

- 570 KKFJ CA Alturas - 11/20 1000 - ID amidst *Daybreak USA* network show. Comment: It's really sad when small town stations don't even do local programming during morning drive time! (BR-CA)
- 660 KEYZ ND Williston - 11/16 0805 - With ID as KEYZ *Country, News Radio* into weather for western North Dakota and eastern Montana. Christmas ad for Northern Traditions store. C & W music format. (CB-CO)
- 720 KFIR OR Sweet Home - 11/19 0949 - In clearly in KDWN null, with C&W and local spots. (BR-CA)
- 790 CFCW AB Camrose - 11/7 0805 - Female with local temperature in C. Ad for a dairy sale, sports at 0807. Fair, with QRM. (JW-CO)
- 940 KVSH NE Valentine - 11/23 0830 - KVSH Valentine and local ads. Then Paul Harvey and the rest of the story. (CR-CO)
- 980 KDSJ SD Deadwood - 11/16 1020 - With ID as 980 *Oldies*, KDSJ and oldies countdown. (CB-CO)
- KDSJ SD Deadwood - 11/23 0850 - CLs and local ads for Deadwood. Then gave the station's phone number, and into C&W. (CR-CO)
- 1200 KFNW ND West Fargo - 10/28 0930 - With *Thank you for listening to KFNW* and into REL program. (CB-CO)
- 1210 KONY UT Washington - 10/28 0900 - With CL ID, world series reports and into C&W music. (CB-CO)
- 1240 KCCR SD Pierre - 11/21 0830 - Fair signal. Local ads for Pierre and then the *Rush Limbaugh Update*. (CR-CO)
- 1260 KIMB NE Kimball - 11/21 0815 - *K-West*. Good signal with many local ads and the closing grain prices. (CR-CO)
- 1290 KWFS TX Wichita Falls - 11/18 1002 - With ID as *Radio Sensacion*, with SS ballads, CL ID at 1015. New, for Texas #102. (CB-CO)
- 1400 KCOWNE Alliance - 11/9 0831 - Promo for Husker football, call ID. Fair, over QRM. (JW-CO)
- 1520 KMAV ND Mayville - 11/5 0939 - Ad for store in Hillsboro, and for another on highway 200. Ad for snowmobiles. Fair, at best, with KDK)-1510 slop. No ID. (JW-CO)
- 1560 WPAD KY Paducah - 11/21 0817 - NOS music, CL ID, then signal was lost in QRM. (JR-OK)
- 1630 KXBT CA Vallejo - 11/17 1000 - With soul music . . . Solid Gold Soul. It was still good copy, even when KFBK-1530 was fading. Located this signal while logging drift net bouy beacons (trying to find a place for a HB beacon . . . looking at 1.6225 MHz seems clear so far) (GG-HI)

Suite 101 - 1199 West Pender Street,  
Vancouver, B.C. Canada V6E 2R1

### 1600 TO 2400 HOURS ELT

- 560 WEBC MN Duluth - 11/22 1945 - CL ID, then lost in KWTO-MO QRM. New here. (JR-OK)
- 570 KISN UT Salt Lake City - 11/8 1943 - With *Sports Radio 570 KISN* ID. (AB-CA)
- 640 WCRV TN Collierville - 11/21 1650 - Fair signal, coming out of a religious program. Several WCRV ID's and local talk. NEW!!! (SA-MB)
- 600 KSJB ND Jamestown - 11/22 2000 - CL and *Rough Rider Country* ID, then news. New here. (JR-OK)
- 610 KONA WA Kennewick - 11/3 1935 - With *This is the Seahawk Locker Room Show* from your official *Seahawk Station*, KONA with post-game commentary and interviews. Strong. (DB-DIA1)
- 630 KWRO OR Coquille - 11/8 1959 - Good with ID as *Newstalk 630 KWRO Coquille-Coos Bay*. (AB-CA)



- 650 CKOMSK Saskatoon - 11/3 1912 - With ID as *Solid Gold 650*, CKOM with oldies. (CB-DIA1)
- 660 KTNN AZ Window Rock - 11/22 2025 - Football game (Rockets vs. Cardinals) with C&W during halftime. (JR-OK)
- 750 KOAL UT Price - 11/3 2204 - With CL ID and into ABC News. (CB-DIA1)
- KOAL UT Price - 11/9 2246 - Fair, mixing with KXL, with Utah vs Houston NBA basketball. (AB-CA)
- 790 KFGO ND Fargo - 11/23 1727 - *Last nights low was 4 degrees, today's High was 7 degrees, stay tuned for regional news on KFGO. Dominant for more than 30 minutes, no sign of regular WWKY.* (SB-IL)
- 810 KTBI WA Ephrata - 11/3 1928 - With *Focus On The Family* program followed by mention of the American Christian Network. Then *This is your Eastern Washington American Christian Network affiliate, KTBI, serving Yakima, Ellensburg, Moses Lake, etc . . .* Ad for Key's on Quincy George Highway. New, and thanks to John Wilkins for the tip. (CB-DIA1)
- 830 KFLT AZ Tucson - 11/10 2000 - Apparently forgot to change to night facilities as was in like the proverbial ton of bricks. (BR-CA)
- 870 KPRM MN Park Rapids - 11/23 1732 - *Enjoy the sounds of the holidays here on 870 KPRM, then into C&W.* (SB-IL)
- 910 KCJB ND Minot - 11/23 1738 - Very poor, mention of *temperatures around the state*, then several North Dakota cities listed. Quickly faded back into the mess. (SB-IL)
- 930 KSEI ID Pocatello - 11/5 2159 - Legal ID at 2159:55 as *This is Newstalk 930*, KSEI Pocatello-Jackson-Idaho Falls, then news (MBS, I think). Poor in QRM. (JW-CO)
- KAGI OR Grants Pass - 11/5 2159 - With a 1000-Hz tone, then female with *This is news and information service . . . Jefferson Public Radio . . . KAGO Grants Pass . . . KYNS*. Then intro (outro) for Jim Lehrer News Hour. Soon faded. New, for OR #10. (JW-CO)
- 940 CJGX SK Yorkton - 11/11 2117 - With C&W, GX94 IDs. Asked for phone calls to 783-xxxx. New. (SP-WI)
- 980 KFVB CA Los Angeles - 11/9 2213 - With *KFVB Newstime* and into news. Strong. (CB-DIA2)
- 1020 KJJK SD Fergus Falls - 11/13 1950 - With weather, ads, CID tnx [????- Ed.] Kramer. New. (SP-WI)
- KJJK? MN Fergus Falls - 11/22 2010 - Heard *Kj Oldies* several times and local weather into Oldies music. This station has been fairly constant here, even at times over KCKN. New. (CR-CO)
- 1040 CKST BC Vancouver - 11/3 2304 - Fair, with ID as *AM1040 CKST*. EZL format. New. (CB-DIA1)
- 1100 WTAM OHCleveland - 11/7 2055 - Strong, with *Right here on WTAM*. CL ID, news with feature on higher gas prices. Local weather at 2100 followed by Dr. Laura. show. First time heard with new call. (CB-CO)
- 1130 WSJP KY Murray - 11/9 2300 - With CL ID at 2245 and 2300. UPI News, followed by sports (report on Holyfield-Tyson bout, Boston College gambling, and college football scores). Good on peaks, mixing with ?KFAN? Basketball game - no ID. New. (CB-DIA2)
- 1140 KXNO NV North Las Vegas - 10/28 1837 - With canned ID: *You're tuned to Casino Radio*. Various ads and local tourist info, and piece on upcoming NASCAR race. Strong. (CB-CO)
- KCHC TX Conroe - 10/28 1900 - With *Welcome to AM 1140*, KCHC and into REL program on ministry. New. (CB-CO)
- 1150 CJRC PQ Gatineau - 11/23 1659 - Good signal, over CKX at times, with French talk and a CJRC ID in FF. Talk of Ottawa across the river in Ontario was often heard. (SA-MB)
- 1160 WVNJ NJ Oakland - 11/12 2310 - Old-time music, *Your home of Dinah Washington . . . 1160 WVNJ*. New. (SP-WI)
- 1180 KYET AZ Williams - 11/20 1835 - You're tuned to KYET Williams, Arizona. Many ads for Williams and at 1905 the *Back to the Bible* show. Possibly signed off at 1930, they just disappeared. Strong signal. New. (CR-CO)
- WTAM OHCleveland - 11/6 2300 - With *11:00 O'Clock Report* with Tom Moore. Ads, weather, then Rush Limbaugh at 2306. Good on peaks with 1090/1110 slop. Is more regular at night than in-state rival KNZZ (a look a respective patterns shows why). (JW-CO)



- 1220 KDDR ND Oakes - 11/6 2059 - Multiple legal ID with five stations mentioned: KDDR, KDRQ, KDAK, and KHND, all *Dakota Country* affiliates. ABC News at 2100. Fair-to-poor in KBNO null. (JW-CO)
- 1230 KFUN NV Las Vegas - 11/9 2059 - Female with ID: *Playing the widest variety of country around, we're AM 1230, KFUN Las Vegas*, then ABC News. Fair, over QRM. (JW-CO)
- KGRO TX Pampa - 11/9 2059 - Start of legal ID (KGRO . . .), then covered one second later by KFUN legal ID. This one-second logging is good enough for Texas #133. (JW-CO)
- 1250 KBRF MN Fergus Falls - 11/21 1845 - Good signal. Have been hearing them every evening and in the morning. Ads for Steve's Cycle and Lake Region Hospital. Many mentions of I-94 and exit 50. Stock market report at 1850. Slogan is *Your good neighbor radio KBRF*. New. (CR-CO)
- KNEW UT Roosevelt - 11/21 1810 - Good signal. CLs and C&W music. (CR-CO)
- 1280 KIT WA Yakima - 11/3 2202 - With CL ID and into ESPN Sports, mention of Yakima. Mixing with KRRF. New. (CB-DIA1)
- 1320 KOLT NE Scottsbluff - 11/17 2005 - CL ID talk on health issues then faded. New here. (JR-OK)
- 1340 KACH ID Preston - 11/8 2117 - Sign-off noted. Such an early sign-off seems especially odd on a Friday during high school football season! (BR-CA)
- KKAM? TXLubbock - 11/9 2104 - Fair-to-poor with *Texas Tech Halftime Report*. SSE Beverage pointed right at Lubbock. (JW-CO)
- 1380 KBWD TX Brownwood - 11/17 2040 - Oldies with CL ID. New here. (JR-OK)
- 1390 KLGN UT Logan - 11/3 2240 - With ID as *Memories 1390*, KLGN and NOS music. Strong. (CB-DIA1)
- 1460 KDIA MN Montevideo - 11/9 2056 - With ID as *All-Hit Country, AM 1460 KDMA*. Also IDed at 2332 as *The right country mix, K-Light Country, KDMA*. Also IDed at 2332 as *The right country mix, K-Light Country KDMA*. C&W music format. Good on peaks. New. (CB-DIA)
- KBZO TX Lubbock - 11/4 1857 - With Mexipops. EE legal ID at 1859: KBZO 1460 *Lubbock, Radio Beso*, then more Mexican music. Male announcer after each selection with CST TCs. Good on peaks, for a needed call change, ex: KTLK. (JW-CO) [The Lubbock phone book has an ad for KBZO and has their slogan as "Radio Bezo." Since "beso" means "kiss", maybe "bezo" means something close. There are many stations I've heard lately which should be called "Radio Bozo" - Ed.]
- 1470 KAIR KS Atchison - 11/1 1918 - With ID as *K-Air Radio* and into C&W music. Also with CL ID and into ABC News at 2259. First-timer with new call. Thanks to John Wilkins for the tip. (CB-CO)
- 1530 KKCM MN Shakopee - 11/12 2015 - Poor, with program promo, ID weather. New. (SP-WI)
- 1590 KLLL TX Lubbock - 11/18 2055 - Tom Leykus talk show with CL ID. Fading badly. (JR-OK)

GRAVEYARD DX UPDATE

\* indicates North American record-holder

1230 kHz:

WNEB	MA	Worcester	Wayne Heinen	Orchard Park, NY	355
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1240 kHz:

KDGO	CO	Durango	Wayne Heinen	Aurora, CO	234
WCNC	NC	Elizabeth City	Wayne Heinen	Orchard Park, NY	466

**DDXD-East  
STATION NEWS**

- 1030 WSFZ TN Memphis - Info in Log is wrong, address is 3801 Premier Avenue, Memphis TN 38181; phone is (901) 367-0808. (EK-OH)

**DX TESTS**

- 680 WJCE TN Memphis - 11/10 0100-0700 - *Not heard* in 0100-0300 check. (SF-TN)
- 770 WWCN FL North Fort Myers - 11/3 and 11/10 0300-0400 - *Not heard*. (SF-TN)  
+ 11/17 0300-0400 - *Not heard*, only WABC, HJJX, and a little WVNN. (EK-OH)
- 790 CIGM ON Sudbury - 11/11 0100-0130 - *Heard* slow code IDs poking through WWKY, WQXI at 0111 and 0127. Good to finally bag a Canadian DX test; no luck here with the previous nine! (SF-TN)
- 1190 KKOJ MN Jackson - 11/18 0130-0200 - *Not heard*. (SF-TN) *Tentative* with code noted twice, 0145 and 0201, but way too much WOWO to even get a decent copy. (EK-OH) *Tentative* with very weak code heard about 0145, 0200. WOWO pretty dominant with an unID SS talker in background. (RCP-IN)
- 1220 WIMN MN Stillwater - 11/4 0130-0200 - *Not heard*. (SF-TN)
- 1280 WTMY FL Sarasota - 11/23 0000-0030 - *Not heard*, only WADO. (RWT-MA)
- 1290 KALM MO Thayer - 11/18 0104-0130 - *Not heard*. (SF-TN) *Not heard*, mostly unID with teletalk (WHIO?) and NOS from WFBG which gave a call ID at 0123. (EK-OH)

**UNID and UNID HELP**

750 UNID - — - Re: KW's unID here in DDXD-West 11/18 ... I'm reasonably confident this is WRIK Brookport IL, logged here 11/21 1915-1935 with IDs as "More music, J-96 and K-98," which fit WDDJ-96.9 Paducah and WRIK-98.3 Metropolis, same ownership? Also heard a spot for Heartline Hotline at 1932 which mentioned "southeast Missouri, southern Illinois, and western Kentucky," which all seems to fit. Report sent; what are they doing on this late? (EK-OH)



**LOGGINGS: 0000-0800**

- 1020 KVCS OK Perry - 11/14 0218 - Weak under KDKA with satellite C&W, "Classic Country AM 1020, KVCS" drop-in local ID by woman, then Alabama tune. (SF-TN)
- 1310 WDOC KY Prestonburg - 11/19 0635-0640 - "Hot Country 1310, WDOC," on top with very nice signal, but heavy fading. (EK-OH)
- 1330 KFH KS Wichita - 11/17 0430 - "Coast to Coast with Art Bell," prime topic about a comet on a collision course with Earth (let's hope we survive!); fair with fades. (RCP-IN)
- 1410 WHLN KY Harlan - 11/19 0650-0702 - Duing it out with WING, "Good Time Oldies, 1410 WHLN, Harlan." Format change? Not NOS. Into news at 0700 sponsored by the Harlan Motor Company. (EK-OH)
- 1450 WFPG NJ Atlantic City - 11/24 0358-0400 - Up briefly but strongly with report on metro train schedules in Atlantic City followed by ID. (RWT-MA)
- 1520 WLGC KY Greenup - 11/20 0653 - Atop with southern Gospel, frequent TCs and "AM 1520, WGLC" mentions on the "Gospel Music with Riley" show. Long-sought, KY # 135. (SF-TN)

**LOGGINGS: 1600-2400**

- 590 WOW NE Omaha - 11/19 2050 - C&W music, ID. (WM-MD)
- 620 WRJZ TN Knoxville - 11/17 1731 - The Reverend Dr. McGee finishing up a spirited discussion on salvation, very good while in. (RCP-IN)
- 640 WGST GA Atlanta - 11/19 1940 - IHL hockey game heard, ID. (WM-MD)
- 680 KFEQ MO St. Joseph - 11/16 1853 - "Why Me, Lord?" by Kris Kristofferson, mention of 5 decades of broadcasting. Fair on a crowded channel. (RCP-IN)
- WCAW WV Charleston - 11/17 1714 - With apparent simulcast of WCHS using WCHS call letters, "Original hits from Charleston's original station, CHS," frequent WCHS IDs, several songs heard. Very good. (RCP-IN)
- 690 KTCJ MN Minneapolis - 11/21 1833-1900 - With jazz(?) music, long ad string 1840:30-1845. In and out of CBF; occasionally strong but somewhat muffled audio. Surely not 4 watts; is the 1500/500 watt CP on? (EK-OH)
- 790 KURM AR Rogers - 11/21 1817 - Call-in show featuring items for sale by listeners, briefly faded up before mentioning having to go to nighttime power, ID then faded out. (RCP-IN)
- WPIC PA Sharon - 11/19 1900 - Call letters only heard. (WM-MD)

- CIGM ON Sudbury - 11/21 1812 - Several country songs, Randy Travis' "On the Other Hand," etc. Frequent IDs. First time heard other than the recent DX test, in very well with little fading. (RCP-IN)
- 840 KTIC NE West Point - 11/21 1755 - Ad for Universal Life Insurance, song "He Don't Love You Like I Love You," first time heard this season. Fair in WHAS null. (RCP-IN)
- 850 WAIT IL Crystal Lake - 11/21 1700 - NOS music, ID. (WM-MD)
- 960 WRFC GA Athens - 11/20 1900 - ID, ABC hourly news. (WM-MD)
- 970 WAVG KY Louisville - 11/19 2245 - Ads for Salvation Army and Visa, "Wave 970" ID, NOS music, heavy QRM. (WM-MD)
- 1210 KOKK SD Huron - 11/21 1921 - Ads for Anderson furniture store, Goodyear Tire Dealers of Huron, live stock reports, then back to country music. Very good and way over WGMP. (RCP-IN)
- 1450 CHUC ON Cobourg - 11/24 2245 - Up briefly with fluttery ID, "AM 1450 CHUC." First logging with Ray Arruda's Palomar loop, which I had bought from him at his get-together the previous day. (RWT-MA)
- 1580 WDAB SC Travelers Rest - 11/17 1845 - Popped in briefly with ID followed by a Perry Como song, poor and quick fade-out. (RCP-IN) [I thought they were CNN Headline News? - DY]
- 1590 WAIK IL Galesburg - 11/19 1732-1750 - Logged for the first time with NOS, nice call ID at 1739:30. Spotty reception with heavy fading in WAKR null. (EK-OH)

**TIS AND MISCELLANEOUS**

- 1687 "CSA" VA Elliston - 11/3 0608-0641 - Amateur radio beacon, weak to fair but readable with code IDs. (HH-MD)
- 1703 "RGQ" PA Berwick - 11/3 0644-0702 - Amateur radio beacon, weak and difficult to copy with "RGQ RGQ RGQ W3" code IDs to 0702 sign-off. (HH-MD)

**REPORTERS**

SF-TN	Steve Francis	Alcoa TN - Realistic TRF
HH-MD	Hank Holbrook	Dunkirk MD -
EK-OH	Ed Krejny	Strongville OH -
WM-MD	William McGuire	Cheverly MD - Realistic DX380
RCP-IN	Robert C. Pote	Greenwood IN - Drake R8A, Quantum loop
RWT-MA	Rick Turner	North Dartmouth MA - STA-300, YB-400, Palomar and Select-A-Tenna loops

**Metropolitan Opera Network**

**-via Barry Finkel**

Here is the Texaco Metropolitan Opera International Radio Network for the 1996-1997 broadcast season. 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 26 countries; the number of broadcasts varies by country. The broadcasts are also heard in Australia, New Zealand, and Hong Kong. In Canada, the broadcasts may be carried on some CBC English and French AM stations. The Saturday broadcasts run from December 7 through April 26; most begin at 1:30 PM ELT (the April 12, 19, and 26 broadcasts begin at 12:30 ELT). This information comes from "Opera News" December 14, 1996; the network list is dated October 15, 1996. (via Barry Finkel)

550 KCRS-TX	930 KIUP-CO	1240 WSYY-ME	1370 KXTL-MT	1490 WKVT-VT
660 KGDP-CA	WDLX-NC	WWZQ-MS	WKMC-PA	1510 KANS-KS
690 KGGF-KS	940 WIPR-PR	1260 KBRH-LA	1420 WDBF-FL	1520 WTLN-FL
KUSD-SD	1150 KWKY-IA	1270 WCBC-MD	KULY-KS	1540 WNWR-PA
790 KXXX-KS	KIXC-TX	WCGC-NC	1430 KMRC-LA	1550 KZRK-TX
WLKW-RI	1230 WSBF-FL	1310 KGMT-NE	1450 WHDL-NY	1560 WRIN-IN
860 WAMI-AB	WSSO-MS	1340 WKOZ-MS	KBBS-WY	1580 KESM-MO
900 KBIF-CA	WCMC-NJ	WRHI-SC	1470 KYUU-KS	1590 KEAS-TX

**J. B.'s Brain Teaser:** Stations moving to the new "expanded band" will all operate with:

- a. Directional antennas with 10,000 Watts day and night.
- b. Directional north-south antennas; 10,000 Watts days, 1,000 Watts nights.
- c. Non-directional antennas with 10,000 Watts days, 1,000 Watts nights.
- d. Non directional antennas with 5,000 Watts days, 1,000 Watts nights.

## Massachusetts International MW DX Effort In Parallel With Major DXpeditions of 1996

By Mark Connelly

This year I didn't have the available time off from work to join in on the November DXpedition to Newfoundland. I did have a desire to do some DXing during the time frame of 2 to 17 November 1996. This overlapped much of the time of two major medium-wave DXpeditions (in Cappahayden, Newfoundland, Canada and Sheigra, Scotland). The value of a parallel effort is to provide an overall feeling of the band conditions and to highlight some of the differences of the AM dial as it is being scrupulously examined during the same period.

I used a combination of home-based DXing and DX from "field sites" near the ocean. The sites and different listening times increased the variety of stations heard. There were no auroral conditions during the two week period, so interference from northerly domestic and European stations blocked signals from several tropical countries (such as French Guiana, Guyana, Brazil, Argentina, and a number of Africans) that are sometimes receivable from coastal sites in the metro- Boston and Cape Cod regions. Highly-directional Beverages were not available; use of these (and a greater availability of DX time in the useful 2000-2300 UTC sunset-enhancement period) would have increased the log totals. The final medium-wave country count (not including tentatives) was 63.

Times / dates = UTC / 1996

Receiver = Drake R8A

Antenna systems: (home) two 37 m slopers (east, west) with 50 m horizontal loop as floating ground for noise reduction (mobile) remotely-tuned loop, active whip (all sites) DCP-2 controller / delay-line phasing unit, Mini-MWT-3 regenerative tuner

[B] = Billerica, MA <home> (GC= 71.221 W / 42.532 N)

[H] = East Harwich, Cape Cod, MA (GC= 70.02 W / 41.71 N) <near jct. Routes 39 & 137: pitch pine forest 2 km from ocean> [R] = Rockport, MA <Granite Pier> (GC= 70.622 W / 42.667 N) [Y] = South Yarmouth, Cape Cod, MA (GC= 70.20 W / 41.65 N) <Windmill Beach: River St. at Willow St.>

### TRANS-ATLANTIC DX \*\*\*

- 153 ALGERIA, Bechar, NOV 2 0527 - exciting AA vocal & instrumentation, // 549, 891. [H] + NOV 13 0025 - woman in AA. [R]
- 153 GERMANY, Donebach, NOV 13 0030 - Deutschlandradio // 549, 756, 1422 w/ folk music / world music program that included some African-style vocals (to confuse DXers). Atop Algeria's AA talk for a while. [R]
- 162 FRANCE, France-Inter, Allouis, NOV 2 0525 - adult-contemporary female vocal; good. [H]
- 171 MOROCCO, Nador, NOV 13 0023 - AA violin & plucked mandolin music; HUGE. [R]
- 171 unID, NOV 2 0524 - Elton John vocal; fair. Morocco is the usual dominant, but possibly something else here this time. [H]
- 177 GERMANY, Oranienburg, NOV 2 0523 - bits of music, in QRM. [H]
- 180 unID, NOV 13 0022 - poor w/ talk that sounded FF. At first this was thought to be Europe #1 moved from 183, but E-mail correspondence indicates than Europe #1 is still on 183 and that this may have been Turkey instead. [R]
- 183 GERMANY, Europe #1, Saarlouis, NOV 2 0522 - FF advert for "Gaz de France" natural gas, fast FF talk, then pop EE vocal; excellent. + NOV 16 0445 - FF talk, pop music. [H]
- 198 UNITED KINGDOM, BBC synchros, NOV 2 0516 - EE talk about summit meetings, peace-keeping efforts; o/ music station that was probably Algeria. [H]
- 207 MOROCCO, RTM 'A', Azilal, NOV 2 0515 - // 594 w/ man in AA, then AA pop music; huge signal. [H]
- 216 FRANCE (MONACO), Roumoules, NOV 2 0517 - blasting in w/ FF version of 1964 oldie "The Leader of the Pack". [H]
- 225 POLAND, Konstanzynow, NOV 2 0518 - Slavic-sounding vocal & talk; mushy audio. [H]
- 234 LUXEMBOURG, RTL, Junglinster, NOV 2 0518 - fast FF talk by man; excellent. [H]
- 243 unID (DENMARK, TURKEY listed), NOV 2 0519 - music; poor. [H]
- 252 IRELAND, Atlantic 252, Clarkestown, NOV 2 0520 - local-like w/ modern rock; way o/ Algeria. [H]
- 270 CZECH REPUBLIC, Topolna, NOV 2 0521 - Slavic-sounding teletalk; poor to fair, some beacon QRM. [H]
- 531 ALGERIA, Ain-El-Beida, NOV 16 0444 - AA male vocal & flute (// local-like 549). Mixed w/ Spain. [H]
- 531 GERMANY, Burg, NOV 16 0600 - GG news; briefly o/ Spain. [H]

- 531 MADEIRA, Porto Santo, NOV 16 0722 - mellow PP male vocal // 666; behind Spain. Sought-for Faroe Islands was not audible. [H]
- 531 SPAIN, RNE5 synchros, NOV 2 2254 - woman in SS; briefly o/ the others. [H] + NOV 13 0015 - woman w/ SS teletalk; huge signal (better than RVC-530), little evidence of Algeria. [R]
- 549 ALGERIA, Les Trembles, NOV 2 0510 - sermon or speech by man in AA; loud! [H] + NOV 13 0015 - man & woman in AA, mentions of Al Ahram newspaper, then AA music; local-like, killing 550. [R]
- 549 GERMANY, Deutschlandradio synchros, NOV 13 0030 - folk music show // 153, 756, 1422: briefly o/ Algeria's AA talk. [R]
- 558 SPAIN, RNE5, Valencia et al., NOV 2 0507 - // 585 w/ woman in SS; poor to fair. [H]
- 567 IRELAND, RTE R.1, Tullamore, NOV 2 0321 - mellow Gloria Estefan EE vocal, EE talk; fair on peaks (but considerable 570 slop). + NOV 2 2256 - EE sportstalk; to good peak. + NOV 3 0025 - smooth jazz; very good. [H] + NOV 9 2327 [B] & NOV 13 0017 [R]: good. + NOV 16 0501 - EE news about refugee camps in Zaire. + NOV 16 0625 - EXCELLENT w/ traditional Irish instrumental music. Still audible after 0730 UTC. [H]
- 567 SPAIN, RNE5 synchros, NOV 16 0440 - blues-rock, SS talk // 684 and others; audible through co-channel Ireland. [H]
- 576 SPAIN, RNE5(1), Barcelona, NOV 2 0513 - // 585 w/ woman in SS; o/ AA-sounding station that was probably Algeria. [H] + NOV 13 0018 - man & woman SS teletalk; good. [R] + NOV 16 0612 - good w/ SS vocal // RNE5's such as 558 & 657, but not // RNE1's such as 684. [H]
- 585 SPAIN, RNE1, Madrid, NOV 2 0506 - classical music excerpt, SS talk by woman, ID "R. Uno y R. Cinco de R. Nacional de Espana"; EXCELLENT, better than adjacent domestics. [H] + NOV 13 0019 - local-like (equal WBNW-590 level!) [R]
- 594 MOROCCO, RTM 'A', Oujda, NOV 2 0515 - // 207 w/ man in AA; good / dominant. + NOV 2 0546 - // 207, 819: AA group vocal; HUGE signal, way o/ Portugal. [H] + NOV 13 0020 - // 207 w/ AA talk & music; fair o/ others. [R]
- 594 PORTUGAL, R. Renascença, Muge, NOV 2 0455 - // 963 w/ PP pop music; o/u Morocco AA. Noted again at 0505. [H]
- 603 FRANCE, Lyon-Tramoyes, NOV 16 0620 - // 711, 945 w/ FF talk by man; then folk-style female vocal; good, o/ Spain. [H]
- 603 MADEIRA, RDP, Pico de Arieiro, NOV 2 0457 - // 666 w/ instrumental music; o/u Spain. [H]
- 603 SPAIN, RNE1/5, Sevilla / Palencia, NOV 2 0346 - teletalk, woman in SS // 648, others; good. [H]
- 612 IRELAND, Athlone, NOV 2 2300 - EE talk by man & woman, fast SAH; under huge Morocco carrier (that was barely modulated). [H] + NOV 10 0538 - Donna Lewis hit "I Love You Always Forever". [B]
- 612 MOROCCO, Sebaa-Aioun, NOV 2 0611 - AA violins at low audio level on S9+35 carrier. Raspy low-pitched het on low side, of unknown origin. [H] + NOV 9 2341 - AA vocal & violins; loud / dominant. [B]
- 621 CANARY ISLANDS // SPAIN, RNE1 synchros, NOV 2 0350 - SS talk; poor to fair, o/ others. + NOV 2 0458 - excellent w/ man in SS. [H]
- 639 SPAIN, RNE1, La Coruna et al., NOV 2 0355 - SS female teletalk; fair. [H] + NOV 9 2342 - SS teletalk; huge. [B]
- 648 SPAIN, RNE1, Badajoz et al., NOV 2 0346 - teletalk, woman in SS // 603, 684; fair. [H]
- 657 SPAIN, RNE5, Madrid, NOV 7 2350 - music, SS talk; loud. [R] + NOV 16 0612 - // 558, 576; good w/ SS vocal. [H]
- 666 PORTUGAL, RDP, Lisboa, NOV 2 0344-0347 - mellow PP vocal, then piano music; to excellent peaks. SS-sounding station way under. + NOV 2 0400 - slow time pips, fanfare, PP news; good. + NOV 16 0733 - still a HUGE signal here at this late time. [H]
- 674 LIBYA, Benghazi, NOV 2 2304 - AA male vocal; hetting 675. [H]
- 675 FRANCE, France-Inter, Marseille, NOV 2 0343 - man in FF; o/ Netherlands music. + NOV 16 0503 - FF talk by 2 men; good. [H]
- 675 NETHERLANDS, R. Ten Gold, Lopik, NOV 2 0343 - pop-rock oldies music; mostly u/ France. [H]
- 684 SPAIN, RNE1, Sevilla, NOV 2 0342 - LOCAL-LIKE w/ SS female teletalk show. This was actually clearer than adjacent WRKO-680 (which had co-channel WAPA, WPTF, CKXG, & Cuban QRM). + NOV 3 0009 - "in the room" signal - slopping WRKO badly! [H]
- 684 YUGOSLAVIA (SERBIA), Beograd, NOV 13 0038 - Slavic female vocal kept coming up in strength and finally covered the powerhouse Spaniard. [R]
- 693 UNITED KINGDOM, BBC, Droitwich et al., NOV 2 0348 - EE talk; mixed w/ Azores &

- Spain.[H] + NOV 8 0128 - caller from Manchester talking about films and the life of Gandhi; local-like. [R]
- 693 AZORES, RDP, Santa Barbara, NOV 2 0348 - piano music // 666; mixed w/ UK & Spain. [H]
- 693 SPAIN, RNE1 synchros, NOV 2 0348 - woman in SS; o/u Azores, UK. [H]
- 702 MOROCCO, Sebaa-Aioun, NOV 13 0044 - AA talk by man; o/ others. [R]
- 702 SPAIN, COPE synchros, NOV 7 2348 - excited SS talk; o/ others. [R] + NOV 16 0506 - // 837 w/ SS news & teletalk; good, o/ Morocco AA music. [H]
- 711 FRANCE, Rennes, NOV 16 0620 - // 603, 945 w/ FF talk by man; then folk-style female vocal; fair o/ jumble. [H]
- 711 WESTERN SAHARA, Laayoune, NOV 2 0550 - AA group vocal; excellent. [H]
- 720 PORTUGAL, RDP, Porto et al., NOV 2 0407 - plaintive PP vocal // 666; audible through CHTN. [H]
- 729 IRELAND, RTE R. 1, Cork, NOV 8 0103 - // 567 w/ female vocal of oldie "I Think We're Alone Now", just behind Spain; CKAC phased. [R]
- 729 SPAIN, RNE1, Oviedo et al., NOV 2 0410 - SS talk // 684; poor. + NOV 2 0536 - SS teletalk; good o/ 3 Hz SAH. [H]
- 738 SPAIN, RNE1, Barcelona, NOV 2 0410 - SS talk // 684; poor to fair, o/ other. [H]
- 747 BURKINA FASO (t), Ouagadougou, NOV 16 2158 - probably this w/ African music mixed w/ Canary Islands. [Y]
- 747 CANARY ISLANDS, Las Palmas (// SPAIN ?), NOV 2 0535 - man in SS; dominant o/ others. [H]
- 747 NETHERLANDS, Flevoland, NOV 2 0420 - DD talk by man; mixed w/ several others. + NOV 2 2307 - male/female soul-style duet vocal, DD talk; excellent peak & great audio as always. SS talk way under. [H]
- 756 GERMANY, Deutschlandradio, Braunschweig/Ravensburg, NOV 2 0411 - "Cabaret" Broadway vocal, GG talk by man; good, o/ other. + NOV 2 2350 - // 1422 w/ man & woman in GG; o/ others. [H]
- 756 SPAIN, R. Euskadi, Bilbao, NOV 2 0534 - SS talk by woman; good. Germany (w/ classical music) audible off in the background. + NOV 16 0507 - man in SS; o/ others. [H]
- 765 SENEGAL, Dakar, NOV 16 2155 - great Afro-pop music; good. [Y]
- 765 SWITZERLAND, RSR, Sottens, NOV 2 0419 - woman in FF, classical music; excellent. [H] + NOV 9 2344 - classical piano; local-like. [B] + NOV 16 0507 - man & woman in FF, then light music; good. [H]
- 774 EGYPT, Abis, NOV 3 0016 - AA chant; momentarily huge & wiping out Spain. [H]
- 774 SPAIN, RNE1 synchros, NOV 2 0421 - // 684 w/ SS version of Bill Haley's "See You Later, Alligator"; excellent. [H] + NOV 4 0152 - woman in SS; only slightly o/ Koranic vocal from the Egyptian. [B]
- 783 PORTUGAL, Miramar, NOV 2 0504 - PP-sounding talk by woman; poor, o/ others. + NOV 3 0014 - pop music, PP talk w/ low-pitched growl & bits of AA (Syria) under. + NOV 16 0508 - jazz/ rock music; PP talk; to good peak. [H]
- 783 SYRIA, Tartus, NOV 9 2346 - AA talk by man & woman; good. [B] + NOV 13 0012 - // 827 w/ man in AA; fair, o/ rumble. [R]
- 792 SPAIN, SER, Sevilla, NOV 2 0438 - fast SS talk, o/ possible FF station. [H]
- 801 SPAIN, RNE1 synchros, NOV 2 0437 - '40s-era SS hit "Perfidia", // 684; fair. [H]
- 819 EGYPT, Batra, NOV 4 0159 - // 864 w/ man preaching in AA. 819 had 864 beaten by about 5 dB, but 864 had less slop. [B]
- 819 MOROCCO, Rabat, NOV 2 0546 - // 594 w/ group AA vocal; good, o/ others. [H]
- 827 SYRIA, Deir el Zawr, NOV 3 0012 - a cappella AA male vocal; good, stronger than the 828 cluster. Identity determined by Mika Makelainen in Finland (. thanks). [H] + NOV 13 0012 - confirmed as Syria by // 783: man in AA; good. [R] Could there be two different stations on 827 ?
- 837 AZORES, RDP, Pico da Barossa, NOV 2 0358 - orchestral music // 666; good, o/ Spain-Canaries SS. + NOV 16 0737 - middle of the road female PP vocal, // 666; to good peak. [H]
- 846 ITALY, Rome, NOV 2 0440 - classical music; to fair peak. + NOV 3 0011 - man & woman in Italian; fair. [H]
- 855 SPAIN, RNE1, Murcia et al., NOV 2 0442 - // 684 w/ female SS show-tune style vocal; fair to good. + NOV 3 0009 - SS talk, religious choral music (// 684); loud. Probable Romania just a bit under w/ woman talking in unID language. SAH 4 Hz. [H]
- 864 EGYPT, Santah, NOV 3 0017 - AA male Koranic vocal; atop the channel. [H] + NOV 4 0159 - // 819 w/ man preaching in AA. [B] + NOV 13 0049 - Koranic vocal; massive. [R]
- 864 FRANCE, Paris, NOV 2 0552 - // 945 w/ old-fashioned French-style accordion music;

- good. [H]
- 864 SPAIN / ?, NOV 3 0008 - SS talk, pop vocal in a very jumbled mess w/ apparent AA station & others. [H]
- 873 SPAIN, SER, Zaragoza, NOV 2 0252 - man & woman SS teletalk; good. [H]
- 882 CANARY ISLANDS // SPAIN, NOV 2 0246 - dominant w/ SS talk by man, BBC audible under; WCBS phased. [H]
- 882 UNITED KINGDOM, BBC Wales, Washford, NOV 4 0211 - EE discussion of changes in Romania; good to excellent o/ others. [B]
- 891 ALGERIA, Algiers, NOV 2 0242 - male AA vocal at light audio level; o/ others. + NOV 2 0444 - HUGE w/ shrill vocal & violins. [H] + NOV 13 0053 - // 153 w/ man in AA; loud, o/ others (including another apparent Islamic-culture station). [R]
- 907.8 GAMBIA (t), NOV 16 2215 - mostly just a fair strength carrier on this unique frequency; in 909/910 slop. [Y]
- 909 UNITED KINGDOM, BBC, Moorside Edge et al., NOV 2 0445 - man & woman in EE; o/ others. [H]
- 918 SPAIN, R. Intercontinental, Madrid, NOV 2 0549 - SS female vocal (styling like that of Olivia Newton John); fair. + NOV 3 0004 - romantic vocal, then SS talk; briefly o/ slop. [H]
- 936 SPAIN, RNE5 synchros, NOV 2 0450 - rock music, woman in SS; poor. [H]
- 945 FRANCE, Toulouse, NOV 2 0551 - pop FF vocal, then accordion instrumental; very good to excellent. + NOV 16 0622 - // 603, 711 w/ folk-style female vocal; fair. [H]
- 954 QATAR, QBS, Al Arish, NOV 5 0315 - finally got this one w/ AA preaching by man // 7210. Signal was way under Spain, but it could be picked out when switching VFO 'A' on 954 and 'B' on 7210. [B]
- 954 SPAIN, R. Espana, Madrid, NOV 2 0451 - fast SS talk by man; strong peaks, choppy fades. [H] + NOV 4 0226 - SS teletalk by man & woman; good. [B]
- 963 PORTUGAL, R. Renascenca, Seixal, NOV 2 0455 - // 594 w/ pop music; mixed w/ unID station. [H]
- 963 unID, NOV 2 0459 - possibly UK or Eire instead of Portugal - "I'm Telling You Now" 1965 oldie by Freddy & the Dreamers; briefly o/ jumble. 594 was buried by Morocco, so couldn't verify Portugal // . [H]
- 981 ALGERIA, Algiers, NOV 2 0511 - very good w/ AA talk by man (different from what was on 549). [H]
- 999 SPAIN, COPE, Madrid, NOV 2 0236 - man in SS; fair. [H]
- 1008 CANARY ISLANDS (or SPAIN), NOV 16 0522 - SS talk to fair peaks o/ jumble & WINS slop. [H]
- 1017 GERMANY, Rheinsender, NOV 4 0218 - bouncy Alpine-style music & vocal, bits of GG talk; poor, in slop. [B]
- 1026 SPAIN, SER synchros, NOV 2 2315 - // 1044 w/ SS teletalk; tough WBZ slop. [H]
- 1035 ITALY, NOV 16 0525 - light instrumental music, man & woman in II; poor. Portugal is supposed to be back on this frequency, but it was Italy at this time. [H]
- 1044 MOROCCO, Sebaa-Aioun, NOV 7 2344 - shouting vocal o/ Spain. [R] + NOV 9 2057 - female AA vocal & strings; o/ Spain SS talk. [B]
- 1044 SPAIN, SER synchros, NOV 2 0234 - SS teletalk w/ female host. + NOV 2 2315 - fast SS teletalk; dominant. [H] + NOV 4 0231 - huge (// 1080) w/ SS talk, romantic music. [B]
- 1053 UNITED KINGDOM, Talk Radio synchros, Start Point et al., NOV 3 0001 - // 1089 w/ man & woman in EE; good. [H] + NOV 4 0019 - talk about corporal punishment in schools; to good peak. [B] + NOV 16 0741 - Talk Radio ID, still fair at this time. [H]
- 1062 DENMARK, Kalundborg, NOV 10 0513 - US soul music, man in Danish; excellent. [B]
- 1080 SPAIN, SER synchros, NOV 4 0231 - // 1044 w/ SS talk, lush string music, then Nat & Natalie Cole version of "When I Fall in Love" (the '61 Lettermen hit); audible at times through nulled WTIC. Third station, possibly Venezuela, noted at end. [B]
- 1089 UNITED KINGDOM, Talk Radio synchros, Moorside Edge et al., NOV 2 2359 - woman in EE; to good peaks o/ slop. [H] + NOV 8 0049 - talk about sexuality; loud. [R]
- 1098 SLOVAKIA, Nitra, NOV 2 2358 - disco-influenced Muzak; dominant, Spain way under. [H]
- 1107 SPAIN, RNE5 synchros, NOV 2 0230 - SS teletalk; good. [H] + NOV 8 0046 - spirited SS talk; excellent, way o/ others. [R] + NOV 16 0747 - SS talk; fair. [H]
- 1116 SPAIN, SER synchros, NOV 8 0040 - // 1044 w/ SS teletalk, then soul version of John Lennon's "Imagine". [R]
- 1116 unID, NOV 14 0450 - tone-tester on and off several times. [B]
- 1125 CROATIA, HR, Deanovec, NOV 2 2356 - // 1134 w/ "Head Over Feet" by Alanis Morissette; poor to fair, slightly o/ Spain. [H]
- 1125 SPAIN, RNE5 synchros, NOV 8 0034 - // 1152 w/ woman in SS; good. [R]
- 1134 CROATIA, HR, Zadar, NOV 2 2319 - man & woman Slavic talk, then "Mission Impossible"

- theme; dominant, Spain noted under. + NOV 2 2356 - Slavic talk, Alanis Morissette song; good / dominant. [H]
- 1134 SPAIN, COPE synchros, NOV 8 0037 - // 1143 w/ SS teletalk; mixed w/ Croatia. [R]
- 1143 SPAIN, COPE synchros, NOV 8 0037 - // 1134 w/ SS teletalk; poor to fair, in graveyard-like jumble w/ music station & others. [R]
- 1152 SPAIN, RNE5 synchros, NOV 8 0034 - // 1125 w/ woman in SS; fair, o/ jumble. [R]
- 1179 SPAIN // CANARY ISLANDS, SER synchros, NOV 8 0027 - // 1044 w/ fast SS talk by man; good. [R]
- 1179 SWEDEN, Solvesborg, NOV 10 0518 - man in Swedish; good, o/ Spain. [B]
- 1187.1 unID, NOV 8 0015 - hetting 1188, not much usable audio on either frequency. [R] + Correspondence from Mauricio Molano in Spain suggests that Morocco has drifted down from 1188 at various times.
- 1188 HUNGARY, Szombathely, NOV 14 0442 - jazz, then Hungarian talk by man & woman; to good peak. Noted bits of parallel audio on 1251 behind the Libyan there. [B]
- 1197 LESOTHO, BBC relay, Lancer's Gap, NOV 16 2209 - BBC EE newscast; poor, briefly o/ others. [Y]
- 1197 MOROCCO (t), NOV 16 2207 - bits of AA vocal mixed w/ Spain & BBC Lesotho. [Y]
- 1197 SPAIN, EL Vitoria, NOV 8 0021 - SS talk; fading up, mixing w/ Virgin Radio. [R]
- 1197 UNITED KINGDOM, Virgin R. synchros, NOV 8 0020 - // 1215 w/ R.E.M. "The End of the World as We Know It"; fair to good. [R]
- 1206 FRANCE, Bordeaux, NOV 2 0554 - // 864, 945: accordion music, FF talk by woman, then jazzy vocal; fair to good. [H] + NOV 12 0615 - // 1377 w/ FF male vocal; loud. [B]
- 1206 ISRAEL, Haifa (t), NOV 8 0215 - most likely this (per Karel Honzik in Czech Rep.) w/ a lot of unfamiliar-language teletalk and a Jewish-sounding song. Fair at best and often faded into the mush. [R]
- 1215 UNITED KINGDOM, Virgin R. synchros, NOV 4 0135 - "American Pie" by Don McLean; good. [B] + NOV 8 0020 - R.E.M. "The End of the World as We Know It"; loud, o/ Spain. (I wish US AM's would play stuff like this!) [R]
- 1215 SPAIN, COPE synchros, NOV 8 0019 - SS talk by man o/u Virgin R., UK. [R]
- 1224 NETHERLANDS, Trintalhaven, NOV 8 0235 - probable w/ rock music ("More than Words" by Extreme) o/ Spain (and NOT // Virgin). [R]
- 1224 SPAIN, COPE synchros, NOV 8 0012 - man in SS; o/ mess. [R]
- 1233 MOROCCO, Tanger, NOV 8 0002 - AA vocal; poor w/ local WESX phased. [R]
- 1242 FRANCE, R. Bleue, Marseille, NOV 8 0000 - running usual format of pop & jazz vocals, no talk at top of the hour. [R]
- 1251 LIBYA, Tripoli, NOV 4 0143 - AA talk by man at low audio level on a good-strength carrier. [B] + NOV 7 2340 - man in AA; several others under. [R]
- 1259 AZORES, RDP, Faial, NOV 7 2338 - bits of talk // 666; tough w/ residual slop from nulled local WEZE. [R]
- 1260 SPAIN, SER synchros, NOV 7 2330 - SER way under phased local WEZE, but definitely here w/ SS talk // 1044. Other station (CIHI?) mixing in at the end. [R]
- 1269 GERMANY, Neumunster, NOV 7 2322 - woman in GG; poor to fair in tough C/CB slop (pop music, AST timecheck). Low growl, possible SS talk under. [R]
- 1278 IRELAND, RTE R. 2 synchros, Cork/Dublin, NOV 8 0008 - mellow vocal // Athlone-612; mixed w/ FF-sounding station (Strasbourg?) [R]
- 1287 SPAIN, SER synchros, NOV 7 2318 - SS teletalk // 1044; slightly o/ jumble. [R]
- 1296 SPAIN, COPE, Valencia, NOV 2 2321 - SS talk; in jumble & slop. [H]
- 1305 SPAIN, RNE5 synchros, NOV 2 2322 - SS talk; poor. [H] + NOV 7 2307 - // 1413 w/ SS news; fair o/ unID music. [R] + NOV 16 0541 - // 1314 w/ man & woman in SS; fair. [H]
- 1313 ANGOLA (t), NOV 4 0146 - het against Norway-1314, not much audio extractable. [B]
- 1314 NORWAY, Kvitsoy, NOV 2 2325 - US blues-rock; fair, slightly o/ Spain's SS talk. The loop could be positioned to get one station or the other. [H] + NOV 4 0147 - 1940's nostalgia female vocal; good, o/ Spain. + NOV 10 0525 - HUGE! [B]
- 1314 SPAIN, RNE5 synchros, NOV 16 0542 - // 1305 w/ woman in SS; good, dominating o/ Norway. [H]
- 1332 ITALY, Rome et al., NOV 16 0542 - man in II; poor to fair, in slop. [H]
- 1341 NORTHERN IRELAND, BBC, Lisnagarvey, NOV 13 0210 - man in EE to fair peak, other stations rumbling in the background. [R]
- 1349 MAURITANIA, R. Mauritanie, Nouakchott, NOV 7 2315 - AA talk in slop (4845 was worse though). This would have been much better about 2 hours earlier. [R] + NOV 16 2230 - soft-spoken AA talk by man & woman, // 4845. Hets present from unID's on 1349.8, 1350.0, and 1350.77. [Y]
- 1359 SPAIN, Arganda, NOV 7 2233 - man in SS; poor to fair o/ AA- sounding station that may

- have been Egypt. [R]
- 1376 unID, NOV 7 2235 - het or 1 kHz tone test on 1377? Also something (Ukraine?) noted on 1378 a bit later. [R]
- 1377 FRANCE, Lille, NOV 12 0615 - // 1206 w/ FF vocal having North African influences; fair. [B]
- 1386 IRAN, Ahwaz, NOV 8 0243 - Koranic chants to strong peak. Steve Whitt and Ben Dangerfield both said that this was most likely the Iranian. [R]
- 1394 TOGO (t), NOV 7 2309 - fair strength het against Netherlands-1395. [R]
- 1395 NETHERLANDS, Jazzradio, Lopik, NOV 7 2247 - cover version of Carole King's "Smackwater Jack"; fair. [R]
- 1413 SPAIN, RNE5 synchros, NOV 7 2307 - // 1305 w/ SS news by man & woman; poor to fair through CIGO slop. [R]
- 1413 YUGOSLAVIA (KOSOVO) (t), Pristina, NOV 13 0038 - Slavic- sounding vocal (heard u/ Spain) seemed to be // Serbia-684, although I don't think these stations are normally running the same broadcasts. [R]
- 1422 ALGERIA, Algiers, NOV 7 2322 - AA vocal u/ Germany. [R]
- 1440 GERMANY, Deutschlandradio, Heusweiler, NOV 2 2350 - // 756 w/ man & woman in GG; poor to fair in mix w/ apparent Algeria. [H]
- 1434 UKRAINE, Kopani, NOV 14 0415 - Slavic talk by man (dramatic presentation); fair w/ some WXKS slop. Carriers noted on 972, 1377, 1404 also, but this had the best audio. [B]
- 1440 LUXEMBOURG, Marnach, NOV 14 0419 - religious music, preacher in GG; strong, rolling o/ the domestics. [B]
- 1467 FRANCE, TWR, Roumoules, NOV 7 2248 - AA talk by man; very good. [R]
- 1467 unID (possibly MOLDOVA), NOV 14 0420 - Slavic-sounding talk by woman; over low rumble, too weak to be France. [B]
- 1476 UNITED ARAB EMIRATES, UAE Radio, Dubai, NOV 13 0225 - oud music (similar to that used at sign-on by Saudi Arabia); to EXCELLENT peak (!) when cardioid phased array was adjusted for best domestic slop rejection. [R]
- 1502 ANGOLA (t), NOV 7 2250 - mostly just a het. Also had 1502.5, 1503, 1505 carriers. [R] + NOV 13 0113 - muffled PP-sounding talk; poor, WTOP phased (so more QRM from 1503). [R]
- 1509 AZORES, AFRTS, Lajes, NOV 13 0115 - US EE sports report (NFL football, etc.); fair to good o/ Spain. This was a real surprise! [R]
- 1512 BELGIUM, Wolvertem, NOV 7 2253 - FF talk by man; excellent w/ WNRB phased. + NOV 7 2353 - man & woman w/ financial talk in Dutch; monster signal. [R]
- 1512 SAUDI ARABIA, BSKSA, Jeddah, NOV 13 0120 - Koranic vocal; good w/ WNRB phased. [R]
- 1524 SAUDI ARABIA, BSKSA, Duba, NOV 2 0301 - male a cappella Koranic vocal; fair to good. [H] + NOV 7 2254 - huge w/ AA chant. [R] + NOV 9 2115 - man & woman in AA; good w/ WGAM daytime nulled. [B]
- 1526 unID, NOV 13 0125 - probably the wandering Middle East clandestine thing here w/ apparent AA talk by woman. [R]
- 1530 SAO TOME & PRINCIPE, VOA, Pinheira, NOV 4 0304 - VOA EE news about civil unrest in Burundi and Zaire; fair to good w/ WSAI phased. [B]
- 1530 VATICAN, R. Vaticana, NOV 7 0040-0045 - II talk, jazz-Muzak versions of "Aquarius" and "Somewhere Over the Rainbow"; good, way o/ WSAI. [B] + NOV 13 0126 - typical light music in at local strength; WSAI so much weaker that it was barely detectable. [R]
- 1539 GERMANY, ERF, Mainflingen, NOV 14 0425 - w/ man in FF (external service); good w/ WDCD phased. [B]
- 1544 ALGERIA - CLANDESTINE, Tindouf, NOV 7 2257 - AA talk by man (apparent political speech); good w/ WDCD phased. [R]
- 1548 KUWAIT, VOA, Kuwait City, NOV 2 2347 - VOA EE program w/ reports from field correspondents; to fair peak o/ others. [H] + NOV 7 0050 - good w/ "special" (slow) EE tutorial about the different branches of the US government. [B]
- 1548 UNITED KINGDOM, NOV 17 0427 - at least two UK locals here - one w/ talkshow, other had EE talk, music, and an ID that had "Gold" in it; very jumbled. [B]
- 1566 SWITZERLAND, Sarnen, NOV 13 0128 - GG female showtune-style vocal; good w/ WQEW phased. [R] + NOV 14 0429 - bluegrass acoustic guitar; old-time Appalachian mountain-music vocal; excellent! [B]
- 1575 ITALY, Genova, NOV 13 0129 - II talk by woman, mixed w/ SER Spain. [R]
- 1575 SPAIN, SER synchros, NOV 2 2341 - // 1044, 1584 w/ SS talk; poor to fair. [R]
- 1584 CEUTA, NOV 13 0007 - woman in SS (non-SER); atop the co-channel SER station at times. [R]
- 1584 SPAIN, SER synchros, NOV 2 2340 - SS teletalk // 1044; just slightly o/ music station, fast



- SAH. [H] + NOV 13 0007 - fast SS talk, mixing w/ non-SER SS station. [R]  
 1602 SPAIN (t), El, Vitoria, NOV 2 2342 - piano jazz (not // SER); briefly good, then it submerged into the 1600 slop. [H]  
 1608 GERMANY, Wilhelmshaven, NOV 4 0059 - RTTY utility station; fair to good. [B]  
 1620 NETHERLANDS, PCH, Scheveningen, NOV 7 2301 - "PCH" CW ID, 8 data packets in a repeated sequence; wiping out CT TIS. [R]

## PAN-AMERICAN DX

- 526 BAHAMAS, ZLS, Stella Maris, NOV 3 0027 - Morse code "ZLS" beacon good; slight RVC-530 slop at times. [H]  
 530 TURKS & CAICOS, R. Vision Cristiana, NOV 2 1358 - mellow religious SS vocal, SS talk; steady S8 daytime groundwave on loop. + NOV 3 0026 - played US national anthem. [H]  
 535 GRENADA, GBC, St. George's, NOV 2 0309 - good w/ reggae vocal. [H]  
 540 COLOMBIA (t), HJKA, Bogota, NOV 2 0528 - ad or promo ending in "en Colombia!" briefly o/ mess. [H]  
 540 MEXICO, Monterrey, XEWA, NOV 16 0732 - jingle w/ "X-E-W-A", then ranchera music vocal & accordion; good, o/ others. [H]  
 550 VENEZUELA, Mundial, YVKE, Caracas, NOV 3 0315 - Mundial ID atop channel, more QRM from Algeria het than from anything on 550. [H] + NOV 16 2327 - // YVYM-880 w/ Venezuelan sporting event. [Y]  
 555 ST. KITTS & NEVIS, ZIZ, Basseterre, NOV 2 0317 - spirited soca vocal & drumming; LOUD. [H]  
 560 VENEZUELA, probably YVRH, Ciudad Guayana, NOV 13 0145 - briefly cutting through the domestic jumble w/ Venezuelan sporting event that was possibly the same as the one on YVQJ-1080. Semi-local WGAN phased. [R]  
 570 CUBA, NOV 13 0149 - running R. Reloj service at this time; in jumble w/ assorted domestics & South Americans. [R]  
 580 PUERTO RICO, WKAQ, San Juan, NOV 2 0330 - long SS discussion by man & woman, then (finally) a "W-K-A-Q" jingle ID; atop WTAG, CJFX, & apparent Jamaica. [H]  
 580 VENEZUELA, YVMJ, Maracaibo, NOV 13 0150 - SS sporting event seemed // YVQJ-1080; in mess w/ WKAQ, others. [R]  
 595 DOMINICA, DBS, Hillsborough, NOV 8 0114 - EE newstalk; poor to fair, heavily hetted by 594. [R] + NOV 13 0153 - EE talk/ teletalk; fair w/ Morocco-594 nulled. [R]  
 600 CUBA, Rebelde, CMKV, Urbano Noris, NOV 2 0332 - Rebelde program o/ other SS. [H]  
 620 ANTIGUA, ABS, St. John's, NOV 8 0117 - soca music, Carib-EE DJ said "We're going to take a few more calls."; briefly through nulled WZON, WVMT, WXLX and a nasty het from Canaries-621. [R]  
 630 PUERTO RICO, WSKN, San Juan, NOV 16 2315 - woman w/ SS newstalk about Puerto Rican economy & jobs; good, o/ CFCY/WPRO. [Y]  
 640 GUADELOUPE, RFO, Pointe-a-Pitre, NOV 4 0002 - fast FF political talk by man; fair / dominant, hetted by Spain-639. [B]  
 650 COLOMBIA, RCN Antena Dos, HJKH, Bogota, NOV 2 0335 - mentions of Santa Maria, crowd noises, sporting event, Antena Dos ID; loud. Other LA's & WSM way under. [H]  
 672.2 CANADA, NOV 2 0351 - raspy AC-modulated carrier. Info from Jean Burnell suggests that this is CKXB Musgravetown, NF (nominally on 670). [H]  
 690 ANGUILLA, Caribbean Beacon, The Valley, NOV 16 2200 - excited US EE preacher shouting; good, o/ PP-sounding talk (probable Brazil) in CBF null. [Y]  
 690 VENEZUELA, YVMR, Barquisimeto, NOV 8 0131 - SS talk, ads for Barquisimeto businesses; dominant w/ CBF phased. [R]  
 700 COLOMBIA, CARACOL, HJJC, Cali, NOV 2 0312 - SS shouting // 810; mixed w/ Jamaica & unID SS that had big-band & Spike Jones sound-effects stuff. [H]  
 700 JAMAICA, JBC R.1, Montego Bay, NOV 2 0315 - dancehall reggae; briefly atop Colombia & others. [H]  
 705 ST. VINCENT & THE GRENADINES, Kingstown, NOV 2 0354 - Afro- Caribbean male vocal; fair. [H]  
 710 CUBA, R. Rebelde, NOV 2 0225 - // 1180 w/ fast SS talk; behind WOR. [H]  
 750 VENEZUELA, YVKS, Caracas, NOV 17 0022 - SS sports coverage w/ a Caracas team; dominant. [Y]  
 760 COLOMBIA, RCN, HJAJ, Barranquilla, NOV 16 2308 - SS man & woman telephone interview // 770; huge / dominant. [Y]  
 760 CUBA, R. Reloj, Las Mercedes / Guanabacoa, NOV 17 0047 - R. Reloj news & time show mixing w/ HJAJ & WJR. [Y]  
 770 COLOMBIA, RCN, HJIX, Bogota, NOV 2 0414 - Colombian news in SS; o/ WABC. [H] +

- NOV 16 2308 - SS telephone interview // to HJAJ-760; good, almost equal to WABC. [Y]  
 780 BRITISH VIRGIN ISLANDS, ZBVI, Roadtown, Tortola, NOV 4 0004 - Carib-EE talk (a remote broadcast from a shopping center); o/u CFDR, WBBM, others. [B]  
 780 VENEZUELA, Ecos del Torbes, YVOD, San Cristobal, NOV 13 0208 - SS talk & musical fanfare // 4980, mixed w/ other SS Latin American. Loop pointed south for joint reduction of WBBM & CFDR. [R]  
 800 NETHERLANDS ANTILLES, Trans-World Radio, PJB, Bonaire, NOV 13 0209 - southern-US-accented preacher; blasting in, way o/ Canadians. [R]  
 810 COLOMBIA, CARACOL, HJCY, Bogota, NOV 2 0228 - SS futbol coverage // 1170; mixed w/ several others. [H]  
 830 ST. KITTS & NEVIS, TBN, Basseterre, NOV 4 0007 - // 7510 w/ EE talk about the role of Trinity Broadcasting around the world; fair w/ WCRN phased. [B]  
 830 VENEZUELA, R. Sensacion, YVLT, Caracas, NOV 8 0058 - SS Caracas news getting through St. Kitts w/ general cardioid null of co-channel domestics. [R]  
 840 CUBA, CMHW, Santa Clara, NOV 16 2305 - SS talk about the people of Santa Clara and about the evils of capitalism. News format was a rapid-fire exchange between a man and a woman. Signal surfaced o/ a big pile of stations. [Y]  
 840 ST. LUCIA, R. Caribbean International, Castries, NOV 17 0053 - reggae music, then Carib-EE talk by man; poor in mix w/ Cuba, WHAS, Venezuela, Colombia, others. [Y]  
 860 CUBA, R. Reloj, CMBL, Arroyo Arenas, NOV 17 0021 - Reloj program o/ CJBC and South American stations. [Y]  
 880 VENEZUELA, Mundial, YVYM, Puerto Ordaz, NOV 2 0250 - moderate-tempo male SS dance music vocal, Mundial ID; good w/ WCBS phased. [H] + NOV 16 2327 - // YVKE-550 w/ Venezuelan sporting event. [Y]  
 895 ST. KITTS & NEVIS, VON, Bath Village, NOV 3 0005 - soca music; at weak level (seemingly at reduced power). [H] + NOV 8 0055 - reggae; good, back to normal quality. [R] + NOV 17 0020 - soca dance party; huge signal. [Y]  
 900 CUBA (t), NOV 2 0240 - SS talk about Cuba; poor, in a big pile-up of stations. [H]  
 940 CUBA, R. Reloj, NOV 8 0138 - Reloj SS news & time show; in jumble w/ CBM phased. [R]  
 1000 COLOMBIA, RCN, HJAJ, Cartagena, NOV 17 0018 - atop channel w/ RCN ID's, news. [Y]  
 1020 TURKS & CAICOS, Caribbean Christian Radio, NOV 2 0235 - This one is back on w/ a booming signal. EE religious program blew away KDKA & YVRS. [H]  
 1020 VENEZUELA, Mundial Margarita, YVRS, La Asuncion, NOV 13 0212 - mellow SS vocal, Margarita mention; excellent, well o/ Turks & Caicos and KDKA. [R]  
 1080 VENEZUELA, R. Barcelona, YVQJ, Barcelona, NOV 13 0110 - SS sporting event w/ crowd noises and mentions of various Venezuelan cities (including Guatire); u/ WTIC. [R]  
 1090 COLOMBIA, CARACOL, Cucuta/Sogamoso, NOV 2 0232 - SS futbol // 810, 1100, 1170; audible u/ WBAL. [H]  
 1100 COLOMBIA, CARACOL, HJAT, Barranquilla, NOV 2 0231 - SS futbol // 810, 1170; good / dominant. [H] + NOV 8 0147 - // 1170 w/ SS talk; good. [R] + NOV 16 2348 - CARACOL ID; good, o/ rumble. [Y]  
 1110 VENEZUELA, YVQT, Carupano, NOV 8 0145 - festive music, Carupano ID; o/u WBT w/ CKTY phased. [R]  
 1160 BERMUDA, VSB3, Hamilton, NOV 17 0005 - BBC news about Rwanda / Zaire refugees on the move; very slightly delayed from // 5975. Signal good; o/ WOBM/WVNI/WSKW on peaks with loop pointed south. [Y]  
 1170 COLOMBIA, CARACOL, HJNW, Cartagena, NOV 2 0227 - // 810 w/ screamed "goal! go-go-go-go-go-go!", fast SS futbol coverage; o/ other SS & WWVA. [H] + NOV 8 0147 - // 1100 w/ SS talk; good. [R] + NOV 17 0006 - timecheck, "la hora CARACOL", then ad w/ duck sounds ("toilet duck?"); dominant, clobbering WWVA. [Y]  
 1180 CUBA, R. Rebelde, NOV 2 0224 - // 710 w/ Rebelde mention, fast SS talk; dominant o/ several others. [H] + NOV 17 0008 - local-like w/ SS talk w/ numerous mentions of Havana and Fidel Castro. [Y]  
 1190 PUERTO RICO, WBMJ, San Juan, NOV 17 0008 - EE religious talk by woman, soft music; slightly o/ SS LA's w/ WOWO nulled. Same programming as heard and ID'ed in Rockport on OCT 24. [Y]  
 1200 VENEZUELA, Caracas, YVOZ, NOV 16 2241 - Radiotiempo ID, SS talk; loud, burying WKOX / others. [Y]  
 1205 CAYMAN ISLANDS, R. Cayman, George Town, NOV 2 0553 - Carib-EE adverts; fair, hetted by France-1206. [H]  
 1280 BERMUDA, VSB2, Hamilton, NOV 16 2358 to NOV 17 0001 - syndicated US religious program w/ soft music, then nice ID at 0000 UTC as "VSB, 1280, Bermuda", followed by news from a US satellite network source; good, with loop N-S to null WADO from the west.

- [Y]  
 1375 ST. PIERRE ET MIQUELON, RFO, NOV 2 0218 - man & woman in FF; good. [H]  
 1500 VENEZUELA, YVRZ, Cumana, NOV 16 2234 - R. Dos Mil ID; blasting in, totally demolishing WTOP. [Y]  
 1610 ANGUILLA, Caribbean Beacon, The Valley, NOV 2 2344 - preaching & music were in there, but badly QRM'ed by TIS's such as Woods Hole. Seems to be running low power these days. [H] + NOV 17 0040 - played "The Twelve Days of Christmas"; good. [Y]  
 1630 USA, KXBT, Vallejo, CA, NOV 17 0041 - soul music starting to fade up (approximate sunset time at transmitter). [Y]

## Domestic DX Achievements

Paul Swearingen plsBCBDXER@AOL.com  
 2840 SE Illinois Avenue  
 Topeka, KS 66605-1427

Domestic DX totals listed periodically in different categories

Name and location	Yr	Last	TDH	DGH	SH	PH	TDI	ST	PT	DCT	TDV	SV	PV	DCV
Robert Kramer, Chicago, IL	70	11/96	3803	✓	50	10	2733	49	10	✓	2010	49	10	✓
Kermit Geary, eastern PA	26	2/92	5575	✓	50	10	2487	48	9	✓	5161	50	10	✓
John Malicky, Pittsburgh, PA	70	11/87	1461	✓	40	7	1184	40	6	✓	902	38	7	✓
Karl Forth, vic Chicago, IL	70	11/78	1771	✓	48	10	1077	48	10	✓	1088	48	10	✓
Jerry Starr, Youngstown, OH	54	1/86	2159	✓	50	10	1055	50	10	✓	1610	50	10	✓
Mike Knitter, Cambridge, WI	78	1/84	936	✓	44	6	933	44	6	✓	31	16	0	✓
R. J. Edmunds, nc NJ	62	2/81	1545	✓	47	9	806	41	8	✓	263	42	6	✓
Paul Swearingen, e KS	75	10/96	741	✓	44	7	741	44	7	✓	1	1	0	✓
Dennis Pimper, ne NE & UT	39	12/84	2015	✓	47	7	651	40	5	✓	400	45	6	✓
Dennis Pimper, nr Brigham City	68	12/84	1375	✓	45	7	651	40	5	✓	400	45	6	✓
Harry J. Hayes, ne PA	70	9/82	1100	✓	41	9	502	39	9	✓	102	27	2	✓
Niel Wolfish, Toronto, Ont	78	2/93	1285	✓	43	10	402	39	6	✓	493	43	10	✓
Joseph Fela, central NJ	61	10/78	1861	✓	49	10	400	40	7	✓	1045	48	9	✓
Dave Schmidt, se PA/n DE	65	11/79	1250	✓	48	8	400	40	4	✓	1006	48	8	✓
Robert Foxworth, Long Island	57	11/78	1000	✓	49	10	400	44	9	✓	270	48	7	✓
Frank Wheeler, nw PA	30	11/90	2507	✓	50	9	232	34	3	✓	1708	50	9	✓
Paul Mount, northeast NJ	73	2/86	489	✓	36	7	199	26	5	✓	224	33	6	✓
Bob Karchevski, San Francisco	69	10/78	249	✓	36	5	197	35	5	✓	198	36	5	✓
Andy Rugg, Montreal & sc. Ont	60	11/96	1549	✓	47	10	156	27	7	✓	1519	47	10	✓
Andy Rugg, Montreal area	60	11/96	1383	✓	47	10	156	27	7	✓	1357	47	10	✓
Dick Truax, Louisville, KY	72	12/78	935	✓	46	6	120	35	5	✓	20	17	3	✓
Niel Wolfish, Winnipeg, Man.	85	2/93	813	✓	37	9	113	10	4	✓	25	10	4	✓
Ron Musco, vic Hartford, CT	62	11/96	1325	✓	47	9	108	28	3	✓	1197	47	9	✓
Bob Smolarek, nc NJ	82	4/89	817	✓	36	5	78	16	5	✓	7	7	0	✓
Jim Renfrew, Rochester, NY	76	4/89	950	✓	43	9	68	27	5	✓	161	37	6	✓
Paul Mount, southeast OH	78	2/86	390	✓	36	3	60	25	1	✓	3	3	0	✓
Jerry Bond, Rochester, NY	62	10/78	785	✓	43	8	50	10	2	✓	0	0	0	✓
Mike Sanburn, Bellflower, CA	72	11/92	600	✓	32	5	33	10	1	✓	212	23	5	✓
Rick Dau, Oakland, IA	81	5/89	700	✓	40	6	32	8	0	✓	42	16	2	✓
Ed Gehringer, W. Lafayette, IN	63	11/78	300	✓	36	7	30	10	5	✓	1	1	0	✓
Dave Yocis, Bridgeport, CT	37/9	428	✓	38	8	22	6	0	✓	5	5	0	✓	
Jim Renfrew, Severna Park, MD	71	4/89	553	✓	36	5	15	8	1	✓	0	0	0	✓
Stephen Ponder, Shreveport, LA	75	8/89	769	✓	39	5	10	4	4	✓	721	39	5	✓
Don Davis, Macon, GA	76	10/78	580	✓	39	3	10	4	4	✓	410	35	2	✓
Rick Dau, Iowa City, IA	87	5/89	261	✓	27	4	8	5	0	✓	11	5	0	✓
Richard Noel Allen, nc OK	69	10/78	350	✓	38	7	3	2	1	✓	41	13	7	✓
Peter Taylor, San Fran, CA	59	3/88	307	✓	32	7	1	1	0	✓	263	32	7	✓
Ernest Cooper, Cape Cod, MA	32	10/78	3601	✓	48	10	0	0	0	✓	3601	48	10	✓
Sid Steele, eastern IL	31	3/89	3300	✓	49	10	0	0	0	✓	2946	49	10	✓
Ed Krejny, vic Cleveland, OH	50	11/96	3265	✓	49	10	0	0	0	✓	2729	49	10	✓
Steve Bezilla, central PA	24	10/78	3000	✓	48	8	0	0	0	✓	50	45	4	✓

Stephen Francis, nr Knoxville	70	2/92	2475	✓	46	7	0	0	0	✓	0	0	0	✓
Hank Holbrook, Annapolis, MD	46	4/89	2161	✓	50	10	0	0	0	✓	2161	50	10	✓
Ernie Wesolowski, Omaha, NE	58	11/78	2050	✓	49	9	0	0	0	✓	1950	49	9	✓
Ken Chatterton, northern NY	45	11/78	1845	✓	50	10	0	0	0	✓	1101	50	10	✓
Dave Whatmough, Hamilton, Ont	12/85	1724	✓	49	10	0	0	0	✓	967	49	10	✓	
Shawn M. Axelrod, s Manitoba	85	11/96	1673	✓	50	10	0	0	0	✓	0	0	0	✓
Karl Jeter, Atlanta, GA	69	3/84	1574	✓	44	6	0	0	0	✓	1193	44	6	✓
Wayne Heinen, all locations	64	11/89	1374	✓	49	9	0	0	0	✓	1241	49	9	✓
Ray Arruda, nr Boston, MA	63	11/96	1257	✓	47	9	0	0	0	✓	1100	47	9	✓
Don Lynch, Chelmsford, MA	60	10/81	1142	✓	45	8	0	0	0	✓	0	39	4	✓
Bob Mielcarek, Milwaukee, WI	77	12/84	1130	✓	42	5	0	0	0	✓	154	39	5	✓
Marc DeLorenzo, eastern MA	62	8/90	1124	✓	45	9	0	0	0	✓	0	0	0	✓
Neil G. Zank, Lincoln, NE	61	10/78	1100	✓	46	9	0	0	0	✓	535	45	9	✓
Roger Anderson, Wash. DC	38	10/78	1017	✓	48	9	0	0	0	✓	1017	48	9	✓
Rob Keeney, nr Kansas Cty, KS	69	10/78	990	✓	49	8	0	0	0	✓	419	49	8	✓
Ken Onyschuk, Homewood, IL	66	11/92	972	✓	43	6	0	0	0	✓	16	13	0	✓
Thomas White, nr Wash., DC	68	1/92	970	✓	39	7	0	0	0	✓	243	38	7	✓
Bob Harrison, northeastern NJ	82	11/96	964	✓	36	7	0	0	0	✓	743	36	7	✓
Michael Jeziorski, IL	78	3/81	948	✓	42	6	0	0	0	✓	26	16	1	✓
Wayne Heinen, Colo. Front Range	75	11/89	927	✓	40	7	0	0	0	✓	873	40	7	✓
John Sampson, Omaha, NE	54	12/78	912	✓	45	6	0	0	0	✓	912	45	6	✓
Greg Hardison, Atlanta, GA	64	11/78	900	✓	36	6	0	0	0	✓	42	19	5	✓
Jim Hopkins, southern NJ	72	10/78	850	✓	44	7	0	0	0	✓	455	43	7	✓
Geo. Holland, Jr., vic. Albany	31	11/85	828	✓	49	9	0	0	0	✓	828	49	9	✓
Art Fregeau, Northford, CT	57	11/78	803	✓	45	10	0	0	0	✓	214	41	7	✓
Jim Wallace, Columbus, OH	69	10/78	795	✓	41	7	0	0	0	✓	137	36	3	✓
Nancy Hardy, coastal WA	69	12/84	778	✓	40	5	0	0	0	✓	3	2	0	✓
George Greene, Akron, OH	60	11/84	743	✓	45	7	0	0	0	✓	119	29	3	✓
Jim Renfrew, New Canaan, CT	67	4/89	721	✓	39	8	0	0	0	✓	247	35	7	✓
Bruce Winkelman, Greensboro, NC	686	✓	40	4	0	0	0	0	0	✓	0	0	0	✓
Jeff Tynan, Parker, CO	87	4/89	674	✓	36	5	0	0	0	✓	128	27	5	✓
Lynn Burke, tidewater VA	73	10/78	650	✓	36	6	0	0	0	✓	18	7	1	✓
Wayne Heinen, nr Buffalo, NY	64	1/75	533	✓	34	9	0	0	0	✓	453	34	9	✓
Philip Boersma, western MI	73	10/78	520	✓	41	6	0	0	0	✓	50	24	3	✓
Donald Erickson, Riverside, CA	61	1/93	508	✓	36	6	0	0	0	✓	247	31	5	✓
John Sampson, Winston-Salem, NC	68	10/78	450	✓	30	1	0	0	0	✓	450	30	1	✓
John Sampson, Hutchinson, MN	60	10/78	336	✓	42	6	0	0	0	✓	336	42	6	✓
Jim Renfrew, Raleigh, NC	78	4/89	329	✓	7	2	0	0	0	✓	0	0	0	✓
Gary Houdek, nc KS	75	1/81	294	✓	34	3	0	0	0	✓	31	21	1	✓
Bruce Winkelman, Tulsa, OK	79	1/92	284	✓	30	2	0	0	0	✓	0	0	0	✓
John Sampson, Cupertino, CA	66	10/78	258	✓	17	3	0	0	0	✓	258	17	3	✓
Jim Renfrew, New York, NY	78	4/89	242	✓	32	2	0	0	0	✓	0	0	0	✓
Jack Woods, western OR	74	2/81	194	✓	26	4	0	0	0	✓	25	18	0	✓
John Sampson, metro NYC, NY	65	12/78	181	✓	33	6	0	0	0	✓	181	33	6	✓
Jim Renfrew, San Diego, CA	84	4/89	164	✓	17	3	0	0	0	✓	0	0	0	✓
Warren Greenberg, vic Boston	72	11/78	125	✓	27	6	0	0	0	✓	99	26	6	✓
Harley DeLeurere, Hendricks, WV	55	10/78	59	✓	48	10	0	0	0	✓	59	48	10	✓
Richard Turner, se MA (mostly GY)	94	11/96	56	✓	11	1	0	0	0	✓	0	0	0	✓
Bob Gilfert, Va. Beach, VA	90	1/92	0	✓	27	5	0	0	0	✓	51	21	4	✓

Legend :  
 ✓ District of Columbia heard, taped, and/or verified  
 TDH, TDI, TDV Total Domestic Heard, Taped, Verified  
 SH, ST, SV States Heard, Taped, Verified  
 PH, PT, PV Provinces Heard, Taped, Verified

Thanks for updates from Robert Kramer, Ron Musco, Shawn Axelrod, Rick Turner, Ray Arruda, Ed Krejny, Bob Harrison, and Andy Rugg. We'll consider your support and comments as a mandate for continuing the column.

This column is arranged by Total Domestic Taped; the next column will feature Total Domestic Veried, and we'll run various priorities at different times. We'll only delete listings of those who are no longer NRC members, so should you drop out and rejoin, you'll need to resubmit your totals. We're shooting for the next column to be published in February, so you have plenty of time to count up your totals. Hope to see your listing here next time!

# Graveyard Achievements

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Distance records for stations logged on graveyard frequencies

1240 kHz

Logged from Jan 1, 1960 to Present

Date of Last Update: October 30, 1996

\* indicates North American record-holder

WEBJ	AL	Brewton	Bruce Conti	West Warwick, RI	1138
WPRN		Butler	Ernie Wesolowski	Omaha, NE	765
WULA		Eufaula	Robert Kramer	Chicago, IL	703
WOWL		Florence	Ernie Wesolowski	Omaha	633
			Carl Dabelstein	Omaha, NE	(Tie) 633
WMGJ		Gadsden	Karl Jeter	Stone Mountain, GA	103
WARF		Jasper	Carl Dabelstein	Lincoln, NE	712
KJAA	AZ	Globe	Mike Sanburn	Bellflower, CA	435
KVRC	AR	Arkadelphia	Charles Reh	Leamington, ON	789
KTLO		Mountain Home	John Malicky	Pittsburgh, PA	732
KWAK		Stuttgart	Charles Reh	Leamington	711
KPOD	CA	Crescent City	Dale Park	Makapu'u Point, HI	2408
			Tim Hall	Chula Vista, CA	*742
KOAD		Lemoore	Phil Bytheway	Seattle	792
KMBY		Monterey	Roy Millar	Marysville, WA	752
KPPC		Pasadena	Mike Hardester	San Diego, CA	112
KLOA		Ridgecrest	Les Carpenter	El Toro, CA	138
KROY		Sacramento	Craig Rathbone	Denver, CO	885
KSON		San Diego	Phil Bytheway	Seattle	1067
KLFE		San Bernardino	Bruce Reynolds	San Jose	342
KSMA		Santa Maria	Phil Bytheway	Seattle	880
KSUE		Susanville	Ole Alm	Abisko, Sweden	4643
			Tim Hall	Chula Vista	*571
KRDO	CO	Colorado Springs	John Wilkins	West Des Moines, IA	621
KDGO		Durango	John Wilkins	Wheat Ridge, CO	227
KSLV		Monte Vista	Phil Bytheway	Seattle	1072
KCRT		Trinidad	Ernie Wesolowski	Omaha	543
WWCO	CT	Waterbury	Don Trelford	Scarborough, ON	350
WBGC	FL	Chipley	Don Trelford	Scarborough	952
WEUS		Eustis	Shawn Axelrod	Orlando, FL	28
WINK		Ft. Myers	Charles Reh	Leamington	1065
WMMB		Melbourne	Mauricio Molano	Madrid, Spain	4337
			Marc DeLorenzo	Hyannis, MA	*1105
WFOY		St. Augustine	UK DXPedition E	Sheigra, Scotland	3991
			Andy Rugg	Montreal, PQ	*1157
WBHB	GA	Fitzgerald	Ernie Wesolowski	Omaha	964
WDUN		Gainesville	Carl Dabelstein	Lincoln	833
WLAG		La Grange	Dave Whatmough	Hamilton, ON	650
WDDO		Macon	Don Trelford	Runaway Bay, Jamaica	1072
WWNS		Statesboro	Carl Dabelstein	Lincoln	1014
WPAX		Thomasville	Morris Sorensen	Scarborough, ON	920
WTWA		Thomson	Steve Francis	Alcoa, TN	180
KLEI	HI	Kailua	Eric McIntosh	Invercargill, NZ	5142
KVNI	ID	Coeur d'Alene	Phil Bytheway	Seattle	262
KMCL		McCall	Ernie Wesolowski	Omaha	1049
KFLI		Mountain Home	Phil Bytheway	Seattle	445
KWIK		Pocatello	Esa Hänninen	Lemmenjoki, Finland	4440
			LEM96	Lemmonjoki, Finland	(Tie) 4440
			Phil Bytheway	Seattle	*579

WCRW	IL	Chicago	Charles Reh	Leamington	264
WEDC		Chicago	MB DXPedition &	Arnes, MB	741
WSBC		Chicago	Charles Reh	Leamington	264
WEBQ		Harrisburg	Jeff Falconer	Clinton, ON	543
WTAX		Springfield	Ernie Cooper	Provincetown, MA	1029
WSDR		Sterling	MB DXPedition &	Arnes	703
WHBU	IN	Anderson	Niel Wolfish	Willowdale, ON	403
KDEC	IA	Decorah	Wayne Heinen	Buffalo, NY	653
KWLC		Decorah	John Wilkins	West Des Moines	156
KBIZ		Ottumwa	Charles Reh	Leamington	512
KICD		Spencer	Esa Hänninen	Lemmenjoki	4151
			LEM96	Lemmonjoki	(Tie) 4151
			Charles Reh	Leamington	*644
KIUL	KS	Garden City	Esa Hänninen	Lemmenjoki	4580
			MB DXPedition &	Arnes	*898
KNSS		Wichita	Esa Hänninen	Lemmenjoki	4536
			MB DXPedition &	Arnes	*924
WINN	KY	Louisville	Ernie Wesolowski	Omaha	581
			Carl Dabelstein	Omaha	(Tie) 581
WFTM		Maysville	Charles Reh	Leamington	243
WPKE		Pikeville	Ernie Wesolowski	Omaha	761
WSFC		Somerset	Ernie Wesolowski	Omaha	670
			Carl Dabelstein	Omaha	(Tie) 670
KASO	LA	Minden	Steve Ponder	Bossier City, LA	26
KANE		New Iberia	Jerry Starr	Youngstown, OH	991
WTME	ME	Lewiston	Ron Musco	Windsor, CT	197
WSY		Millinocket	Richard W. Turner	North Dartmouth, MA	301
WCYM	MD	Cambridge	Richard W. Turner	North Dartmouth	337
WJEJ		Hagerstown	Karl Jeter	Stone Mountain	539
WHAI	MA	Greenfield	Denis Picard	Trois-Rivieres-Ouest, PQ	259
WOCB		West Yarmouth	NF DXPedition #4 Team	Cappahayden, NF	927
WATT	MI	Cadillac	MB DXPedition &	Arnes	698
WCBY		Cheboygan	Don Lynch	Lynn, MA	707
WJPD		Ishpeming	MB DXPedition &	Arnes	511
WJIM		Lansing	UK DXPedition ££	Sheigra, Scotland	3426
			Shawn Axelrod	Winnipeg, MB	*771
WGGR	MN	Hibbing	John Malicky	Pittsburgh	797
KKRK		Park Rapids	Carl Dabelstein	Omaha	390
WJON		St. Cloud	Morris Sorensen	Leaf Rapids, MB	845
WMPA	MS	Aberdeen	Jerry Starr	Youngstown	666
WGRM		Greenwood	Frank Merrill	Milan, MI	690
WGCM		Gulfport	Frank Merrill	Milan	864
WMDX		Meridian	Ernie Wesolowski	Omaha	734
WMIS		Natchez	Charles Reh	Leamington	873
KFMO	MO	Flat River	Charles Reh	Leamington	510
KWOS		Jefferson City	Esa Hänninen	Lemmenjoki	4385
			Shawn Axelrod	Winnipeg	*806
KNEM		Nevada	Shawn Axelrod	Hecla Island, MB	928
KUUS	MT	Billings	Esa Hänninen	Lemmenjoki	4190
KBMY			Bruce Reynolds	Warrensburg	*895
KLTZ		Glasgow	Esa Hänninen	Lemmenjoki	4001
			Roy Millar	Marysville	*726
KLYQ		Hamilton	Phil Bytheway	Seattle	397
KBLL		Helena	Carl Dabelstein	Omaha	881
KFOR	NE	Lincoln	Esa Hänninen	Lemmenjoki	4321
			MB DXPedition &	Arnes	*681
KODY		North Platte	Esa Hänninen	Lemmenjoki	4372
			Shawn Axelrod	Winnipeg	*614
KELK	NV	Elko	Frank Merrill	Nenana, AK	2107
WFTN	NH	Franklin	Bob McCoy	Lincoln, NE	1293
WSNJ	NJ	Bridgeton	Charles Reh	Leamington	424
KLTN	NM	Albuquerque	Tim Hall	Chula Vista, CA	626
KAMQ		Carlsbad	Ernie Wesolowski	Omaha	768

KCLV		Clovis	Tim Hall	Chula Vista	809
WGBB	NY	Freeport	Charles Reh	Leamington	475
WGVA		Geneva	Joe Kureth	Uniontown, MD	234
WJTN		Jamestown	John Wilkins	West Des Moines	747
WVOS		Liberty	Joe Kureth	Uniontown	195
WNBZ		Saranac Lake	Morris Sorensen	Scarborough	266
WSNY		Schenectady	Don Trelford	Scarborough	289
WATN		Watertown	Joe Kureth	Southern Pines, NC	636
WPNF	NC	Brevard	Joe Kureth	Uniontown	433
WIST		Charlotte	Andy Rugg	Montreal	807
WCNC		Elizabeth City	Joe Kureth	Uniontown	244
WJNC		Jacksonville	Andy Rugg	Montreal	770
WPJL		Raleigh	Don Lynch	Lynn	619
WWWC		Wilkesboro	Joe Kureth	Uniontown	327
KDLR	ND	Devils Lake	Jeff Tynan	Parker	663
WBBW	OH	Youngstown	Andy Rugg	Montreal	468
WHIZ		Zanesville	Dave Braun	Falls Church, VA	267
KVSO	OK	Ardmore	John Wilkins	Wheat Ridge	585
KADS		Elk City	Bill Hale	Mountain Home, ID	1027
KBEL		Idabel	Bruce Reynolds	Warrensburg	343
KOKL		Okmulgee	Karl Jeter	Stone Mountain	682
KFLY	OR	Corvallis	Esa Hänninen	Lemmenjoki	4445
			Tim Hall	Chula Vista	*558
KTIX		Pendleton	Olle Alm	Abisko	4259
			Roy Millar	Marysville	*210
KPRB		Redmond	Phil Bytheway	Seattle	236
KQEN		Roseburg	MB DXPedition &	Valhalla Beach, MB	1356
WRTA	PA	Altoona	Steve Francis	Alcoa	438
EBS		Philadelphia	Dan Phillips	Clinton, TN	630
WHUM		Reading	Steve Francis	Alcoa	438
WSEW		Selinsgrove	Marc DeLorenzo	Hyannis	347
WBAX		Wilkes-Barre	Steve Francis	Alcoa	577
WWON	RI	Woonsocket	Russ Edmunds	Syracuse, NY	248
WKDK	SC	Newberry	Steve Francis	Alcoa	169
WDXY		Sumter	Russ Edmunds	Parsippany, NJ	581
KCCR	SD	Pierre	Esa Hänninen	Lemmenjoki	4156
			Dave Whatmough	Hamilton, ON	*1022
WBEJ	TN	Elizabethton	Carl Dabelstein	Omaha	812
			Ernie Wesolowski	Omaha	(Tie) 812
WEKR		Fayetteville	Carl Dabelstein	Lincoln	673
WBIR		Knoxville	Andy Rugg	Montreal	851
WKDA		Nashville	Don Lynch	Lynn	951
WEDG		Soddy-Daisy	Ernie Wesolowski	Omaha	715
WENK		Union City	Harry Hayes	Gouldsboro, PA	780
KVLF	TX	Alpine	John Wilkins	Fort Davis, TX	21
KEAN		Brownwood	John Wilkins	West Des Moines	738
KORA		Bryan	Frank Merrill	Milan	1058
KXIT		Dalhart	John Wilkins	Wheat Ridge	291
KOCA		Kilgore	Ernie Wesolowski	Omaha	616
KXOX		Sweetwater	Charles Reh	Leamington	1178
WSKI	VT	Montpelier	Joe Kureth	Uniontown	397
WSSV	VA	Petersburg	Andy Rugg	Montreal	604
WROV		Roanoke	Bruce Reynolds	Warrensburg	755
WTON		Staunton	Andy Rugg	Montreal	581
KCVL	WA	Colville	Nancy Hardy	Aberdeen, WA	295
KXLE		Ellensburg	Shawn Axelrod	Vancouver, BC	197
KGY		Olympia	Tim Hall	Kamloops, BC	276
WKOY	WV	Bluefield	Don Lynch	Lynn	651
WTIP		Charleston	Niel Wolfish	Toronto	386
WDNE		Elkins	Joe Kureth	Uniontown	155
WOMT	WI	Manitowoc	Shawn Axelrod	Valhalla Beach, MB	635
WIBU		Poynette	Morris Sorensen	Amaranth, MB	644
WOBT		Rhineland	Jerry Starr	Youngstown	542

WJMC		Rice Lake	Charles Reh	Leamington	512
KFBC	WY	Cheyenne	MB DXPedition &	Arnes	761
KEVA		Evanston	Bob McCoy	Lincoln	471
KASL		Newcastle	Mike Hardester	Modesto, CA	976
KRAL		Rawlins	Ernie Wesolowski	Omaha	589
			Carl Dabelstein	Omaha	(Tie) 589
KVRS	(EBS)	Rock Springs	Roy Millar	Bellevue, WA	759
KTHE		Thermopolis	Nancy Hardy	Aberdeen, WA	787
WALO	PR	Humacao	Cesar Objio	Santo Domingo, DR	268
CKBX	BC	100 Mile House	Phil Bytheway	Seattle	285
CFVR		Abbottsford	Phil Bytheway	Seattle	108
CFEK		Fernie	Phil Bytheway	Seattle	369
CKGO		Hope	Tim Hall	Banff, AB	288
CKMK		Mackenzie	Frank Merrill	Nenana	1089
CKOO		Osoyoos	Tim Hall	Banff	222
CBXK		Pemberton	Shawn Axelrod	Victoria, BC	134
CJAV		Port Alberni	Nancy Hardy	Aberdeen	163
CFNI		Port Hardy	Frank Merrill	Nenana	1237
CKWL		Williams Lake	Roy Millar	Marysville	324
CJAR	MB	The Pas	Esa Hänninen	Lemmenjoki	3545
			Shawn Axelrod	Valhalla Beach	*276
CKIM	NF	Baie Verte	Esa Hänninen	Siilinjärvi, Finland	3071
			Jean Burnell	St. John's, NF	*227
CJCD	NWT	Yellowknife	UK DXPedition £	Sheigra	3277
			Morris Sorensen	Leaf Rapids	*653
CFAK	ON	Atikokan	Shawn Axelrod	Winnipeg	259
CJNH		Bancroft	Jeff Falconer	Clinton	217
CBEZ		Britt	Morris Sorensen	Emsdale, ON	71
CJCS		Stratford	Morris Sorensen	Port Carling, ON	145
CJWA		Wawa	Morris Sorensen	God's Lake Narrows, MB	935
CJRW	PI	Summerside	Esa Hänninen	Lemmenjoki	3284
			Dave Yocis	South Nyack NY	*626
CJAF	PQ	Cabano	Esa Hänninen	Lemmenjoki	3363
			Shawn Axelrod	Valhalla Beach	*1268
CIRB		Lac-Etchemin	Christian DeHaes	Chicoutimi	141
CKLS		La Sarre	Esa Hänninen	Lemmenjoki	3479
			MB DXPedition &	Arnes	*800
CKLM		La Tuque	Joe Kureth	Uniontown	584
CFLS		Levis	Paul Mount	Teaneck, NJ	450
CKBS		Ste-Hyacinthe	Russ Edmunds	Parsippany	339
CJNS	SK	Meadow Lake	Esa Hänninen	Lemmenjoki	3637
			Shawn Axelrod	Winnipeg	*570
ZNS2	BAH	Nassau	Charles Reh	Leamington	1208
HICV	DR	Barahona	Don Trelford	Runaway Bay	463
4VSJ	HTI	Port-au-Prince	Morris Sorensen	Runaway Bay	324
XESI	NAY	Santiago Xcuintla	Pete Taylor	Cabo San Lucas, BCS	308
XEBQ	SON	Guaymas	Tim Hall	Poway, CA	503
XECG		Nogales	Tim Hall	Rancho Bernardo, CA	375
TGK	GTM	Guatemala City	Niel Wolfish	Toronto, ON	2106
ZYH65BRZ		Candinde	UK DXPedition £	Sheigra	4731
ZYH90		Joinville	Pete Taylor	Rio de Janeiro, Brazil	422
ZYI774		Recife	Pete Taylor	Cape Town, South Africa	3817
----	CNH	Shenyang	Pete Taylor	San Francisco, CA	5553
JOTK	JPN	Matsue	Pete Taylor	San Francisco	5444

£ = UK DXPedition [Steve Whitt, Mark Hattam, Clive Rooms]

££ = UK DXPedition [Mark Hattam, Clive Rooms, Dave Kenny and Martin Hall]

& = MB DXPedition [Shawn Axelrod, Wayne McRae]

NF DXPedition #4 Team [Jean Burnell, David Clark, Mark Connelly, Bruce Conti, Neil

Kazaross, Jim Renfrew]

LEM96 = Mika Makelainen and Jorma Mantyla

**Answer to J. B.'s Brain Teaser:** C - non-directional, 10K and 1 K. Since all the stations will be using only one tower and their frequency is so high compared to other a.m. broadcasters, we can expect to see some stations building right downtown, perhaps on the roof of buildings just like in the good old days!