

DX News

* Serving DX'ers since 1933 *

Volume 65, No. 9 - December 1, 1997 (ISSN 0737-1659)



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CPC Test Calendar

KGEZ MT 600 Dec. 1 0200-0300
KTFI ID ... 1270 Dec. 13 0200-0300

From the publisher ... We're holding all Canadian members' DXN's per recommendation by Shawn Axelrod until the Canadian postal strike is resolved. Shawn felt that there was some danger in DXN's being lost and never delivered if we mailed during the strike, so we'll send them out (probably in one package) as soon as the situation is resolved. If it drags on too long, we'll try to find an alternate way to deliver them.

ANARC News ... Check out page 23 for a report from ANARC Executive Board Chariman Mark Meese. Also, he has announced that nominations for the "Hobbyist of the Year" award are being accepted and should be forwarded to NRCANARC Representatives Dave Schmidt (address on page 22) before December 31, his deadline for nominating someone. The 11th Annual Winter SWL Fest in Kulpville, Pennsylvania is fast approaching. The Fest is slated for March 12-14, 1998. Meese says, "Better make your reservations now; I understand space at the Kulpville Holiday Inn is filling up fast."

FCC Busts Pirates in Tampa ... From David Sharp <ddsradio@earthlink.net>:

"It took TWO years, but finally, the FCC has made sweeping raids in the Tampa area. Beginning this morning, they busted three prominent pirates: 87-X on 87.9, Patriot Radio on 96.7 and the Party Pirate 102.1.

"All stations are off the air, and 102.1 was especially hard hit. I talked with the operator today, a Doug Brewer, for a story on WHNZ radio. His account of what happened:

"Federal Marshalls and the FCC came to his door at about 6:30 or 7am, gained entry to his residence and cuffed him, then said they had a warrant or somesuch to take his equipment. Then, a Ryder truck pulled up front, and they cleaned out the station, located in the his home's garage. All told, the Feds got away with over \$50 K worth of stuff, including, so Brewer says, items that are "his personal property and the property of others...including a sound recording studio which had NOTHING to do with the radio station."

"Perhaps even more disturbing: They also dis-

mantled his 150-foot tower. However, what the FCC didn't realize is that the tower was licensed and LEGAL, with several public service agencies and a HAM repeater using space.

"The U.S. Attorney for Florida's Middle District in Tampa says in a press release, 'Leslie D. Brewer, 43 of Tampa, allegedly operated an unlicensed radio station...' and faces civil actions.

"Another station, Patriot Radio on 96.7 in Lutz (just a mile or two from my house), is also silent; the operator, 53 year old Arthur Kobres of Lutz, is, according to the Department of Justice, 'Charged in a fourteen-count indictment with operating a radio station without a license, in violation of Title 47, United States Code, Sections 301 and 501 ... maximum penalty is two years imprisonment and a fine up to \$250,000.'

"Finally, 87-X on 87.9, in the Sulphur Springs area of Tampa, is also silent, with charges pending against 22-year-old Kelly Benjamin, known as 'Kelly Combat' on the air.

"Other pirates, ironically all Spanish-language; on 89.3, 90.1 and 106.1 remain on the air and full strength as of this writing."

DXChange ... Fred Vobbe has some cassette labels for sale: Two packs of tractor-feed cassette labels, 1000 per package, #22012 in Pewter color. Purchased for \$20.00, will sell for \$10.00 per pack or both packs for \$17.00 plus postage. Also a broken pack of Pewter and some white tractor-fed labels, over 1,200 for \$7.00 plus postage. Contact Fred Vobbe - 706 MacKenzie Drive - Lima OH 45805 (phone 419-228-4199 between 6PM and 9PM pre-paid only). E-mail gnbc@wcoil.com.

DX Time Machine

From the pages of *DX News*:

50 years ago ... from the November 29, 1947 DXN: The FCC denied WJVB-1010 permission to broadcast a DX program on Nov. 16, quoting Section 3.10 Commission Rules and Regulations: "No station licensed for daytime-only operation may broadcast a scheduled program during the experimental period."

25 years ago ... from the December 7, 1972 DXN: Page Taylor was selected to take over IDXD from Bob Foxworth.

10 years ago ... from the November 30, 1987 DXN: Bill Hale moved to Johnson, City, NY ... Richard E. Wood, Ph.D. reported from Hawaii that he could hear WHAM and WBZ regularly and logged Atlantic Beacon 1570 for country #86.

AM Switch

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

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

CALL LETTER CHANGES

None

APPLICATIONS / GRANTS FOR NEW STATIONS

None

APPLICATIONS FROM EXISTING FACILITIES

None

GRANTS TO EXISTING FACILITIES

1220 WKRS IL Waukegan: 1000/99 U4
1240 WKDA TN Nashville: relocate transmitter site
1590 WAIK IL Galesburg: 5000/55 U5

OTHERNESS

850 WQST MS Forest: silent station is ON THE AIR
1120 KLIM CO Limon: station is SILENT
1190 WOWO IN Fort Wayne: has requested an extension of the CP to reduce night power to 9800 watts; no changes have been made here yet
1360 WKYO MI Cairo: shown in Otherness Issue #5 as being in IL, our typo, sorry; should be MI
1450 WWXL KY Manchester: silent station is ON THE AIR
1550 KVKI LA Shreveport: license CANCELED, call DELETED
1550 WBZQ NC Greenville: license CANCELLED, call DELETED

THANKS: Wayne Heinen, Bill Hale, Ed Krejny, John D. Bowker, MSJ
73 and Good DX, Jerry Starr & Buffalo K. Foonman

Jerry & BKf

Tex Met Net

-via Barry Finkel

Here is the Texaco Metropolitan Opera International Radio Network for the 1997-1998 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 28 countries; the number of broadcasts varies by country. The broadcasts are also heard in Australia and New Zealand. In Canada, the broadcasts may be carried on some CBC English and French AM stations. The Saturday broadcasts run from November 29 through April 18; most begin at 1:30 PM ELT (the March 21 and April 11 broadcasts begin at an earlier time). This information comes from *Opera News* December 6, 1997; the network list is dated October 21, 1997.

540 XBAC-BC	930 WDLX-NC	1240 WWZQ-MS	1340 WJYI-WI	1510 KANS-KS
550 KCRS-TX	940 WIPR-PR	1260 KBRH-LA	1370 KXTL-MT	1520 WTLN-FL
660 KGDP-CA	1050 KTRJ-CA	1270 WCBC-MD	1400 KRVZ-AZ	1540 WNWR-PA
690 KGGF-KS	1150 KWKY-IA	1420 WDBF-FL	1550 WBFJ-NC	
790 KXXX-KS	KVDL-TX	1290 WKNE-NH	KULY-KS	KZRK-TX
WLKW-RI	1230 WSBF-FL	WFBG-PA	1430 KMRC-LA	1560 WRIN-IN
860 WAMI-AB	WSSO-MS	1310 KGMT-NE	1450 WHDL-NY	1580 KESM-MO
900 KBIF-CA	WCMC-NJ	1340 WKOZ-MS	1470 KYUU-KS	1590 KEAS-TX
930 KIUP-CO	1240 WSYY-ME	WRHI-SC	1490 WKVT-VT	

NRC Letter Opener

\$1.75 each! Sturdy yellow plastic ... opens letters, cuts string, package wrapping, and more! Order from NRC Publications - NY orders, please add sales tax.



Domestic DX Digest

West: Bill Hale phantom2@caze.net

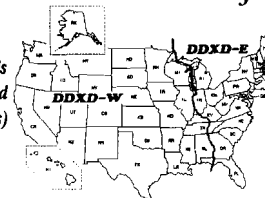
6124 Roaring Springs Drive - North Richland Hills, TX 76180-5552

East: David Yocis DavidYocis@aol.com

97 Clinton Ave. - South Nyack, NY 10960-4603

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

(Division line is
between East and
Central time zones)



DDXD-West

MEDIUM WAVE RAMBLINGS

- There have been numerous hints on the Internet, as well as other news sources, that **Radio Aahs** is abandoning its children's format before too long. That means the few stations left on their network will either be switching to the Disney kiddie network, or change formats. I've sampled the Aahs programming, and can only say "no wonder", as the programming is awful. I haven't heard Disney yet, but it has to be better. With their deep pockets, they probably can and do, sound better.
- Thanks to **Christos** for the "Windy Report" and to **Dale** for the "Island Report". And to everyone else who contributed this week. Every little tidbit helps!
- **Doug Smith** sends this "IMPORTANT NOTE! The Taco Tico on Highway 67 West in Texarkana, Texas is selling "DX Tacos" for 99 cents! Get yours now!
- Can't top that, so on with the show ...

REPORTERS

SB-IL Steve Branch Champaign <sbranch7@aol.com>
FA-ID Frank Aden, Jr. N7SOK Boise FRG-7 with 4ft box loop and 180ft L long wire and HQ-180a with MW-1 <wvll23a@prodigy.com>
DP-HI Dale Park Honolulu Sangean ATS-803A, Selec-A-Tenna <dxfool@aol.com>
CR-IL Christos Rigas Wood Dale Kenwood R-2000, Kowalski loop <crigas@birinc.com>
JS-AZ John Sampson Sun City West Collins UR388, Sanserio 2" Loop <jsampson@aztec.asu.edu>
WH-CO Wayne Heinen Aurora R-390A KIWA MAP unit w/4' NRC loop <nrclog@aol.com>
Jcj-MT Johnny Johnson Billings <john_johnson@prodigy.net>
RS-MO Randy Stewart Springfield Yaesu FRG-100; Sanserino 15" amplified box loop <jrs555t@wpgate.smsu.edu>
DS-AR1 Doug Smith Texarkana caradio that burns oil in excess of 65 mph
DS-AR2 I-40 in eastern Arkansas
DS-TN1 Dyersburg
DS-TN2 back home in Pleasant View <desmith@Telalink.Net>
DS-TX1 Sherman
DS-TX2 Abilene
DS-TX3 Wichita Falls
DS-TX4 Dallas
JJR-WI John J Rieger South Milwaukee FRG 100, Kiwa loop, MFJ959B Preamp-Tuner <johnjrieger@webtv.net>
Ed-TX Editor North Richland Hills Delco AMS/FM\$ Oldsradio

SPECIAL

- 540 KDFT TX Ferris - 11/18 ~1200 - Noted with lots of promotions for quack medical "cures". (DS-TX4)
- 550 KMTI HI Wailuku/Kahului 10/20 - Noted running *Good Time Oldies* format of pop oldies instead of big band. Per GM **Greg Everett**, format change occurred 10/6. Station still airs foreign language programming during early morning and on Sundays. Also, KMTI and sister station KNUI-900 sometimes ID as *Maui Radio Network*, and both stations use ABC-E and CNN Radio news. (DP-HI)
- 570 KLIF TX Dallas - 11/17 ~1400 - Noted slogan *570 Cliff*. (DS-TX3)
- 620 KBZS CO Grand Junction - 11/15 1815-1830 - ESPN college sports coverage. Only one brief *Newtalk 620 The Buzz* non-ID. Latest call for this outlet. (WH-CO)
- 740 WIRJ TN Humboldt - 11/19 ~1500 - Noted with CNN Headline News. (DS-TN1)

- KCMC TX **Texarkana - 11/17 ~1000** - With CBS and TSN news and *Fabulous Sports Babe*. All distorted, mixed with hum, and with continuously changing (poor) frequency response. (DS-AR1)
- 860 KPAM OR **Troutdale** - Per the Portland Radio Guide on the Internet, this station signed on 10/21 with a *Christian Hit Radio* format. Station is named for owner Robert Pamplin Jr., owner of a Christian record label and several Christian bookstores among other things. The PD is Scott Thunder. Station studios are on Division Street near the I-205 freeway while the transmitter site is shared with KVAN-1550. (DP-HI)
- 870 KAIM HI **Honolulu - 10/27** - Noted on past midnight local time with Christian contemporary music, instead of being off. A station spokeswoman wasn't sure when 24-hour operation started. Former schedule was 5 AM to midnight local daily. There goes WWL! (DP-HI)
- 930 WAUR IL **Chicago** - Per the Chicago Sun-Times, WAUR will stop broadcasting the **Radio Aahs** format on 1/30/1998, when Childrens Broadcasting Corp pulls the plug. Previously it was reported that WAUR was sold to Global Broadcasting Co. (CR-IL)
- 940 KJPN HI **Honolulu - 10/20** - Noted on past midnight local time instead of being off. Per station spokeswoman, station is now testing 24-hour operation. Former schedule was 6 am-8 pm local daily. Chief engineer is Ralph Wilson. KFRE now blocked! (DP-HI)
- 1050 WDZ IL **Decatur** - Has changed from satellite CNN to **Real Country**. Their new slogan is *Farm Radio 1050 WDZ*. Their promos indicate that they will continue to carry the Bulls and Cubs. Illinois' first radio station has a new format! These guys started as WDZ Tuscola, Illinois back in 1921. (SB-IL)
- 1080 KOTK OR **Portland** - Per the Portland Radio Guide on the Internet, KWJJ has stopped simulcasting its *FM Better Country* format and became *Hot Talk 10-80* on 10/27. The calls and format used to be on 620 before the station was sold and became news-talk KEWS. Among the personalities re-emerging on KOTK are Don Imus and Tom Leykis (1807-2200 weekdays). (DP-HI)
- 1210 WGSF TN **Bartlett - 11/17 ~1200** - Heard with Spanish-language program of oldies rock (Spanish lyrics). (DS-AR2)
- 1240 WSBC IL **Chicago** - Per Chicago Sun-Times, WSBC was purchased by Newsweb Corporation (owners of WPWR-TV 50) for \$5.55 Million. (CR-IL)
- 1240 KMZK MT **Billings** - Changed to these CLs (ex: KMAY) on Monday November 17, 1997. Format was rap, now **Contemporary Christian**. New mailing address is P.O. Box 31038 Billings, MT 59107. (JcJ-MT)
- 1270 WKZT KY **Fulton - 11/19 ~1500** - Noted with slogan *Border Country*. (DS-TN1)
- 1340 WJOL IL **JOLIET** - On 11/17/1997 the Chicago Sun-Times reported that Crystal Lake, IL based Pride Communications agreed to acquire five southwest suburban stations owned by Barden Broadcasting. Pending FCC approval, Pride will add WJOL-AM (1340), as well as FM stations WLLI, WJTW, WKBM, and WKOT. The company already owns WAIT-AM (850, Crystal Lake, IL), WLIP-AM (1050, Kenosha, WI) as well as FM WZSR, WIIL and WEXT. (CR-IL)
- 1370 KCRV MO **Caruthersville - 11/3** - Adds *Ken Hamblin Show* per program today. (DP-HI)
- 1390 KLTX CA **Long Beach** - Back in Issue 5, John Sampson reported a "bad" address was listed in The Log for this station. The FCC now posts addresses for all AM, FM and TV stations. No phone, no food, no pets. The feds say KLTX is licensed to: Salem Media of California, Inc. 4880 Santa Rosa Rd, #300 Camarillo, CA 93012. I cannot guarantee a letter addressed to this address will garner you a verie, but it may. These addresses are possibly for corporate headquarters or a lawyer who takes care of all the company's legal doings. It's worth a try. [Ed.-TX]
- 1430 KYKN OR **Keizer - 10/19** - Adds *Dreamland with Art Bell* per show today. (DP-HI)
- 1440 KINF TX **Denton - 11/18 ~1200** - Heard with English-language religion. But in Spanish on 11/17 and earlier on 11/18. (DS-TX4)
- 1490 KBVI CO **Boulder - 10/20** - Adds *Coast to Coast AM with Art Bell* per show today. (DP-HI)
- 1500 WTAU IL **Zion - 11/10 1156** - Poor, with simulcast of WTAQ-AM 1300 (La Grange, IL). Spanish-language programming. ID at 1200. (CR-IL)
- 1500 KJIM TX **Sherman - 11/17 ~1300** - Noted with slogan *K-Jim*. (DS-TX1)

WOR RADIO
710AM

- UNIDs and UNID HELP
- 900 UNID ?? - 11/12 - CBS Net. No ID heard. CBS News at 0500. Have not yet received new NRC Log. Any ideas? (FA-ID) [The only 900 with CBS News, according to the new Log, is KHOZ-AR - Ed.]
- 1460 UNID ?? - 11/18 0715 - Very poor, in the mud, with *Regional Radio, K___* into grain and livestock report. Suspect Oklahoma, Kansas or Nebraska. Can't null in the car. Even driving in a circle doesn't help, and draws suspicious looks, hi. [ED.-TX] (KKOY unlikely -pls.)
- 1560 UNID ?? - 11/18 0655 - Up and down (naturally down at ID time) with NOS into MBS News at :00, followed by ad for Citizen's Bank and Trust with some sort of contest and a cruise as a prize. May have been WPAD, but didn't hear calls or anything that would give it away. [Ed.-TX]

TIS & OTHER STUFF

- 1250 WPAM216 TX **Wichita Falls - 11/17 ~1400** - Wichita County TIS with local info. (DS-TX3)
- 1610 TIS UT **Bryce Canyon area - 11/16 1230 and on** - TIS with announcements and information concerning *Bryce Canyon Country* surfaced off and on. Mentioned other attractions around area (concentrating on National Monuments and National Parks and *Scenic Highway 12*). Is this operated by the NPS at Bryce or by a Chamber of Commerce someplace close by? Was in the area in early September and noted nothing on 1610 even though there were signs on Highway 89 to *Tune to 1610 for information*). 1610 here generally sounds like a rumble at night and was surprised to hear this somewhat on top. (JS-AZ)

MIDNIGHT TO 0800 HOURS ELT

- 550 KMVI HI **Wailuku - 10/20 0603** - Noted relaying duopoly sister station KNUI-900, including ABC-E News, instead of running its own format. GM Greg Everett tells me that was not supposed to happen! (KNUI itself usually simulcasts KNUI-FM 99.9. on weekend nights.) (DP-HI)
- 640 KFI CA **Los Angeles - 10/25 0350** - Annual monitoring of KFI during the change from DST to standard time. First airing of new talk show *Spiritually Speaking* with Michael Levine. ID . . . *K-F-I Los Angeles, more stimulating talk radio*, and sure enough newscaster remarking that . . . *we've gone back in time; good morning, I'm Dan ? with the second 1 o'clock news on K-F-I*. Poor; under siege noise-wise from computerized treadmill in the next room. (DP-HI)
- 900 CJVI BC **Victoria - 11/12 0400** - Very weak, with news about Vancouver. They have been better in the past. (FA-ID)
- 910 KPOF CO **Denver - 11/13 0500** - Religious, on top of KALL, running ad for anti-smoking remedy. (FA-ID)
- WEPG TN **South Pittsburg - 11/20 0722** - Fair, with oldies & call ID. Note format change from C&W/talk. (DS-TN2)
- 920 KLMR CO **Lamar - 11/15** - C&W into ABC news at 0400, *Giant of the High Plains, Lamar* et al. Was not on my bandscan. (FA-ID) What is this "bandscan" you keep mentioning? Let the rest of us in on it - Ed.]
- 930 KRKY CO **Granby - 11/16 0400** - It is two a. This is KRKY Granby, ?? . Came up over KSEL. (FA-ID)
- 1190 KEX OR **Portland - 10/24 0757** - *Coast to Coast AM* in progress. PSA, ad for DR Field Mower, PSA for 1-800-CHILDREN. ID: *This is the radio station you depend on for news, traffic, weather and Portland Trailblazers basketball, 11-90 K-E-X Portland-Vancouver-Salem* into ABC-1 News. Car dealership ad, slogan *Art Bell is on K-E-X. You're listening to Art Bell on the 50,000-watt blowtorch . . . the Pacific Northwest, 11-90 K-E-X, back to Coast*. Normally this show ends at 5 AM local Tuesday-Friday. Fair-to-poor; possible Mexican way under. (DP-HI)
- 1260 KTTS MO **Springfield - 10/19 0709** - Chatter and nice CL ID by female. Into an unknown country twangy song. [Ed.-TX]
- 1310 KDIA CA **Oakland - 10/23 0759** - Early 60s R&B song; ID: *KDIA Oakland-San Francisco-San Jose*, into gospel tune. Seems there are several Bay Area stations using a triple-city ID. Fair to good. (DP-HI)
- 1560 KTUI MO **Sullivan - 11/19 0700** - Poor, with sign-on announcement with all the details. Quickly into muck. New. 501 miles to their stick. [Ed.-TX]

1700 WCMQ FL Miami Springs - 11/16 0050 and on - Powerhouse signal with SS and EE ID at 0103. Slight fade; no QRM. Thanx to Skip D and Ernie W for tip. (JS-AZ)

0800 TO 1600 HOURS ELT

NIL

1600 TO 2400 HOURS ELT

560 KWTO MO Springfield - 11/17 ~2100 - Calls, Webb City vs. Ozark basketball. (DS-TX2)
 810 WHB MO Kansas City - 11/16 ~2100 - Country, calls. Ex: 710. (DS-AR1)
 920 KLMR CO Lamar - 11/14 2300 - Way atop frequency with satellite country music, ID *The Giant of the High Plains, AM 920 KLMR Lamar/Grenada/Campo/Holly and YOUR town, too.* Into ABC News. New log. (RS-MO)
 KLMR CO Lamar - 11/17 ~2100 - Local ad. (DS-TX2)
 970 KJLT NE North Platte - 11/19 1800 - Fair, with others nulled, with nice, full ID into news. REL. (JJR-WI)
 990 CBW MB Winnipeg - 11/17 ~2100 - CBC Radio News. (DS-TX2)
 1050 CKSB MB Winnipeg - 11/14 2305 - Fair, in XEG null, with CBC French network programming //CJBC-860. Has been in pretty well lately. (RS-MO)
 1070 KFDI KS Wichita - 11/16 ~2100 - Local talk. (DS-AR1)
 1180 KOIL NE Bellevue-Omaha 11/19 1730 - With satellite NOS and a good signal. Stereo 1180 Koil. (JJR-WI)
 1260 KTTS MO Springfield - 11/16 ~2100 - Local weather. (DS-AR1)
 1280 WODT LA New Orleans - 11/16 ~2100 - WODT Blues 1280 - note slogan and format to match. (DS-AR1)
 1290 KKARt NE Omaha - 11/16 ~2100 - Alabama-Nebraska women's basketball. (DS-AR1)
 1340 KEBC OK Oklahoma City - 11/14 2056 - Fair, with Mexican-style accordian & Spanish vocals. EE ID at 2100: *It's 1340 AM, KEBC, Radio Fuente . . .* then a list of nearby towns served (Norman etc.) . . . *This is 1340 AM KEBC, Oklahoma City.* New log. (RS-MO)
 1380 KCNW KS Fairway - 11/19 1714 - Poor, but clear. . . .on KCNW radio heard. REL. I remember when KCNW stood for Country N Western. (JJR-WI)
 1550 KZRK TX Canyon - 11/17 ~2100 - Z-Rock 107.9, hard rock & Amarillo ads. Nice signal for 219 watts. (DS-TX2)
 1700 WCMW FL Miami Springs - 11/14 1820 - Good, with SS-language songs and CMQ *La Gran Cadena* ID. Also, many *Cubano* mentions. (CR-IL)

GRAVEYARD DX UPDATE

1490 kHz

WTIQ MI Manistique John J. Rieger South Milwaukee, WI

225

DDXD-East



Deadlines for DDXD-East are weekly on Tuesdays.

Welcome to three new reporters: *Herbert Newberry* who hails from around 45 miles SE of Atlanta, Georgia, *Kenneth Evans* of West Virginia, and *Eddy Strickland* of North Carolina. Welcome and we hope to hear lots more from each of you! And congratulations are in order to *Ed Krejny* for verification no. 2800!

Steve Kennedy has been hearing time ticks and SS talk on 570 and 640 kHz ... this is Radio Reloj from Cuba, Steve.

STATION NEWS

550 WLKW RI Pawtucket - Now with these calls, per the local paper. (DG-RI)
 790 WSCO RI Providence - Now with these calls, per the local paper. (DG-RI)
 820 CHAM ON Hamilton - 10/29 2201 - In WBAP null with REL programming, ID's. Format change? (JK-VA)
 1080 WTIC CT Hartford - New weekday lineup after some reshuffling: 1000-1200 Dr. Laura, 1200-1500 Rush, 1500-1800 Bruce Stevens Show (local), 1800-1900 sports talk (local), 1900-2000 rest of Dr. Laura, 2000-2300 Bruce Williams, 2300-0200 Gil Gross, 0200-0500 Art Bell, 0500-0530 news, 0530-1000 Ray Dunaway Show. (MW-CT)
 WKJK KY Louisville - 11/7 2224 - New NOS format, ex-C&W, "KJ-1080" ID's over, under WTIC. (JK-VA)

1150 WRUN NY Utica - 11/15 2250 - Atop channel with C&W format, ID's as "104.3 WFRG Utica" and "The Frog." (DY-NY)
 + 11/17 1815 - Up briefly with "This is Frog ... Radio 104," then gone. Heard with WFRG ID later that night. (RWT-MA)
 1390 WZHF VA Arlington - 11/11 2229 - Noted with end of "The AM 1390 WZHF Entertainment Update." Back to these calls. (DB-DE)
 1450 WSPB FL Sarasota - 11/14 0750 - Noted relaying WFLA-970's morning show, "AM Tampa Bay," with Jack Harris and Ted Webb, only without the seven-second delay until 0757, when brought into the delay. Canned ID by man at 0800: "The all new news radio 1450, WSPB, Sarasota-Bradenton," back to relay. Also noted with Channel 40 news audio at 1700. (TLK-FL) [Hence Tim Hall's unID a couple weeks back. - DY]
 1510 WNRB MA Boston - 11/10 2036 - Preacher talking about changes in Boston radio and due to format change his program will be moving to another frequency. No details given, unfortunately. (PT-NJ)
 WNNJ NJ Salem - 11/15 1159 - Legal ID is now "AM 1510, WNNN Salem," no longer // FM 101.7, ex-WJIC. (DB-DE)
 1550 WCLY NC Raleigh - 11/5 0616 - Noted with sign-on announcement, so no longer NSP. (DB-DE)
 1600 WKEN DE Dover - Now back to these calls. Still OLD, live in the morning and satellite the rest of the time, with a C&W program at 1800. Ex-WQVL. (DB-DE)

UNID and UNID HELP

610 WNTW VA Winchester - SK-PA's unID with Virginia Tech vs. West Virginia football must be this one. Their nighttime null towards Philadelphia probably accounts for disappearance at 1902. (PC-VA)
 670 UNID - — - 11/10 0200-ish (exact time?) - EE station mixing with WWFE behind WMAQ, heard Virginia mentioned twice. Is WVNS on? (SK-PA) [Yes, but they shouldn't be on at this time. - DY]
 830 UNID - — - 11/17 1845-1850 - SS music, talk in WCCO null, EE non-ID "Playing the hits," mentions of Latin America, United States, and U.S. News and World Report. (WM-MD) [I've been hearing a lot of SS here lately too, not propagating as if it were the Venezuelan - maybe a domestic? WFNO? - DY]
 850 UNID - — - 11/10 0300 - Sounded like someone tapping on a triangle every four seconds, 0300-0305 tuneout. Someone testing? Very annoying as I was trying to ID oldies station. (SK-PA)
 960 UNID - — - 11/15 2022+ - Kentucky Thoroughblades vs. Adirondack Red Wings hockey from the Rupp Arena in Lexington. WPRT? Strong over, under CFAC, WFIR. (JK-VA)
 1140 UNID - — - 11/10 0308 - Poor with ad and 800 number for PRN-1000 world-band radio during Bruce Williams show. WRVA off, loop pointing west. Buried by a CBC station at 0334. KSOO? (MD-NY)
 1160 UNID - — - 11/7 2313 - Oldies station, jingle "Great oldies, Oldies 98." (SK-PA)
 1360 UNID - — - 11/6 1730 - Financial talk show, promo for San Francisco vs. Philadelphia football on 11/10 from CBS Radio Sports, and business with phone number 596-6507. Slogan "Info 1360." Atop, but poor, not WPPA or WNJC. (SK-PA)
 1440 UNID - — - 11/8 1930-2000 - Polka music, fading in and out, no ID heard. WCDL? Semi-local WMKM easy to null. (JN-MI) [Probably not at that hour, at least; anyone have an idea? - DY]
 1550 UNID - — - 11/11 1718 - Oldies, promo for state football championships on what sounded like WBMT. WBSC? (SK-PA)
 UNID - — - 11/11 1730 - SS electric violin music, sign-off in EE sounded like "This is WVEN." Was it WNTN? After WKBA sign-off at 1715 the frequency a whole bunch of stations came out to mix with CBE. (SK-PA)
LOGGINGS: 0000-0800
 800 CKLW ON Windsor - 11/11 0115 - Noted on OC for the third Tuesday in a row; is this becoming something of a regular silent period? WLAD strong in OC, another station in SS weak. Someone else with C&W faded at ID time. CKLW back to regular programming 0300. (SK-PA)
 810 WCYK VA Crozet - 11/5 0630 - TC, weather, ID, mention of Charlottesville. (WM-MD)
 910 WRKL NY New City - 11/5 0005 - Results of area elections, mentions of New York and

- New Jersey. (WM-MD) [We take our local politics seriously here in Rockland County, folks. - DY]
- 960 CFAC AB **Calgary** - 11/3 0111 - Big signal and alone with Willie Nelson's "Georgia on My Mind," ID "Calgary's original radio station" and "9-60 CFAC" jingle. As good as KFI and KSL used to be, and not on a clear channel! (JK-VA)
- 1040 WYSL NY **Avon** - 11/9 0759 - Ending "The Protestant Hour," local weather and ID. (DB-DE)
- 1170 WCLN NC **Clinton** - 11/11 0100 - ID tough due to very bassy male voice while in fade, fair to strong behind WWVA. This station frequently operates after hours with REL/GOS programming. (SK-PA)
- 1180 WHAM NY **Rochester** - 11/7 0140-0200 - Noted off the air, first time I've ever heard them off. Was able to ID SS station at 0200 as R. Tafno, WJNT in there as well. (SK-PA)
- 1200 WCHB MI **Taylor** - 11/10 0125 - Good, atop with mix way behind. Talk show, "call 729-1200," obviously a re-broadcast as was talking about the Penn State-Michigan game "tomorrow" — game was on 11/8. (SK-PA)
- 1540 WTXY NC **Whiteville** - 11/5 0618 - Noted with ID, time check, and local weather. First time here. (DB-DE)
- 1700 WCMQ FL **Miami Springs** - 11/16 0012-0103 - Good signal with SS ballads, SS soft rock, SS ID's between songs, "La Nueva CMQ, La Gran Cadena," and nice EE ID at 0103: "This is WCMQ Miami Springs-Miami, WZMQ-FM Key Largo-Homestead-Miami, and WBMQ-FM(?) Key West." (MD-MA)
- CISS-AM**
- LOGGINGS: 0800-1600**
- 1220 CKSM PQ **Shawinigan Falls** - 11/15 1537 - FF music, several CKSM ID's by female, good. (DY-NY)
- 1550 WSER MD **Elkton** - 11/3 1204+ - Rare to hear this anytime, but semi-local WXVA was off. (JEK-MD)
- LOGGINGS: 1600-2400**
- 560 WFIL PA **Philadelphia** - 11/9 1738-1745 - Incredibly loud with inspirational music, all alone and S9+50 dB! (EK-OH)
- WVOC SC **Columbia** - 11/12 1725-1735 - In very nicely with "The News at Five," spots for Flower Country, Bell South, and Columbia Engraving. Lost after 1735, perhaps into a talk show? (EK-OH)
- 570 WAAX AL **Gadsden** - 11/9 1745-1800 - Talk show, ID, into ABC news, with WKBN easily nulled. (EK-OH)
- 580 KLBG LA **Alexandria** - 11/10 1855-1857 - A surprise visitor with a poor to fair signal, spot for paging service, call ID, seemingly into GOS music. (EK-OH)
- 590 WLVA VA **Lynchburg** - 11/16 2151 - NOS music, ID as WLQE and "The Lake" discernable under Boston QRM. (DY-NY)
- 640 WHLO OH **Akron** - 11/17 1820 - Religious music, some clutter but understandable. (KCE-WV)
- 720 WMXY GA **Hogansville** - 11/12 1741-1746 - Atop with soul music, unneeded. (EK-OH)
- 750 CKGB ON **Timmings** - 10/19 1937 - Strong at this time with C&W music, PSA announcement. Mixed with probable El Salvador and WSB. (H)H-PA) [Caracas is the usual Latin heard here. - DY]
- 780 WIIN MS **Ridgeland** - 11/12 1751-1800 - Oldies music, ID as "AM 780 WIIN," Rolling Stones CD giveaway. Very slow, deep fades; dominant on peaks, dropping below WBBM on fades. (EK-OH)
- 790 WHTH OH **Heath** - 11/7 1910 - High school football game, ID. (WM-MD)
- 810 WHB MO **Kansas City** - 11/16 1725 - ID heard in WGY null. (WM-MD)
- 830 WFNO LA **Norco** - 11/12 2053-2120 - Atop with tropical music, spots in SS for American Emergency Phone and the B&N Body Shop, and EE Business Against Crime PSA featuring the Kenner police chief. (EK-OH)
- 840 WCTG SC **Columbia** - 11/13 1715 - Sign-off by female, excellent over WHAS. (WPT-DC)
- 870 KIRK MO **Bethany** - 11/13 1726-1730 - 11/13 1726-1730 - C&W music, news, and weather followed, back into music, slow deep fades. Dominant on peaks. (EK-OH)
- 920 WIRD NY **Lake Placid** - 11/13 2317+ - Huge signal for 87 watts (smile), with soft rock, rock oldies, ads for A&M Beverages in Malone, New York, Pat's Woodshed Store in Tupper Lake, and ID "The best air in the Adirondacks, Radio Lake Placid." New. (JK-VA)

- WOKY WI **Milwaukee** - 11/13 1755 - Local ads, promo, ID. (WM-MD)
- 930 WBEN NY **Buffalo** - 11/13 2331 - Seems to be running U1, not U2. Blasting in with "Newstalk 9-30 WBEN" ID's, sports. (JK-VA)
- WRVC WV **Huntington** - 11/11 2000 - Legal ID during WFMD's dead air. No sign of WBEN, which is usually a strong second to WFMD. (JEK-MD)
- 940 WMIX IL **Mount Vernon** - 11/16 2145 - NOS music, ID. (WM-MD)
- 950 WXJK TN **Wartburg** - 11/15 1735 - Sign-off, ID. (WM-MD)
- 950 KXJK AR **Forrest City** - 11/12 1844-1858 - Absolutely atop with S9+ signal with sports, including Arkansas Radio Net show with Jim Elder. Full sign-off announcements 1858-1858:40. (EK-OH)
- WWJ MI **Detroit** - 11/20 1840 - With weather for various cities, "WWJ news time" briefly fair under WIBX, pest WPEN unusually weak. (DY-NY)
- WXGI VA **Richmond** - 11/12 1859-1905 - Noted with C&W music, news 1900-1904, spots for Penske Auto Centers and Ovaltine Hot. Into a program of bluegrass music 1904-1905 tuneout. Fairly good signal - 57 watts? (EK-OH)
- 960 KZIM MO **Cape Girardeau** - 11/10 1807-1832 - Dominating the channel with news, sports, weather, etc., frequent ID's. Spots for Hudsons and Pochahontas Lumber and Hardware. Lost at 1832:30, pattern change? (EK-OH)
- 1030 WSFZ TN **Memphis** - 11/7 2240 - Stomping WBZ with "Super sports 10-30 WSFZ" Are people having trouble hearing WBZ like I am? For the past several months they have been much weaker than usual. (JK-VA)
- 1050 WADC WV **Parkersburg** - 11/9 1700 - Fair and alone, best ever heard, with ID as "WADC Parkersburg-Marietta." (SK-PA)
- 1070 WAPI AL **Birmingham** - 11/10 1738-1745 - Talk show, presumed with no ID but a number of references to Alabama. Lost at apparent pattern change 1745:22. (EK-OH)
- WIWS WV **Beckley** - 11/11 1706-1715 - OLD music, ID: "You're rockin' around the clock with Oldies Radio, AM 1070, West Virginia's Hot Wax." (EK-OH)
- 1080 WKGX NC **Lenoir** - 11/11 1727-1740 - Fairly good signal with "Trading Post" show, spots for The Gold Mine and Sigmunds Fashion, C&W music from 1736 to tuneout. Slow deep fades, QRM from WTIC and WKJK. (EK-OH)
- KRLD TX **Dallas** - 11/6 1930 - Talk show with man and woman, traffic report at 1930 good enough to make out call letters. Behind a fair WTIC. (SK-PA)
- 1090 WKTE NC **King** - 10/23 1858 - Good over WBAL with promo for Saturday program "Bluegrass Express," also 11/4 1725 "This is AM stereo 1090, WKTE" and same bluegrass program promo. (JEK-MD)
- WKFI OH **Wilmington** - 11/5 1705 - Even with WBAL, ID "The new WKFI, Wilmington." (JEK-MD)
- 1120 WPRX CT **Bristol** - 11/14 2250-2300 - SS music followed by ID: "You're listening to WPRX, Bristol-New Britain" at 2257. Dominant at times, replaced by KMOX during fade-outs. (RWT-MA)
- 1140 WRNA NC **China Grove** - 11/11 1805 - Poor in the sunset WXLZ/WRVA mess with mentions of Gastonia in ad. New. (JK-VA)
- 1150 WCRK TN **Morristown** - 11/7 2255 - AC music, ID 2300 "Where you go when you need to know, WCRK Morristown," over and under WDEL. Still on at 2308 tune-out. (SK-PA)
- 1160 WSCR IL **Chicago** - 11/17 1703 - Talk show, excellent, ex-WJJD. (WPT-DC)
- WBOB KY **Florence** - 11/11 1645-1655 - Phone-in talk show, very good at times. Spot for Dr. Wolf, traffic and weather with "Boomer" at 1650. ID as "Tune your knob to Bob, 1160 BOB." (EK-OH)
- WCCS PA **Homer City** - 11/12 2022 - Mention of Indiana County, ID, weather, Radio Pennsylvania net, into R&B song. Another ID 2027. Nice peak at 2027. UnID with Fabulous Sports Babe in back. (DZ-NY)
- 1180 WJNT MS **Pearl** - 11/4 2207 - With Jim Bohannon, atop WHAM. Here's your chance to hear Mississippi; they're staying on day power a lot lately. (JK-VA)
- 1200 WBZY PA **New Castle** - 11/12 2043 - Bob Dylan tune, 2045 ID "Great oldies, WBZY." Quite good for a while. (DZ-NY)
- WAGE VA **Leesburg** - 11/12 2053 - ID "WAGE" into C&W song, then gone. (DZ-NY)
- 1220 CJSS ON **Cornwall** - 11/13 2113 - Under nulled WKNR, "You're listening to Ottawa Senators hockey on 1220 CJSS." Poor to fair. (PT-NJ)
- 1250 WTAE PA **Pittsburgh** - 11/12 2112 - Sports talk, ID, fair. (DZ-NY)
- 1280 WJAY SC **Mullins** - 11/13 1745 - Fair-good with gospel music to power drop. (WPT-

- DC)
- WWAR VA **Appomattox** - 11/12 1905 - Sign-off and ID at this time. (WM-MD)
 - 1290 WHGR MI **Houghton Lake** - 11/13 1856-1903 - Atop with NOS music, ABC news. Some daytimer! (EK-OH)
 - 1300 WAVZ CT **New Haven** - 11/8 2042 - NOS music // WJAS, WFEA, WJBR, etc. Local ID "WAVZ, AM-1300." Poor to fair with slow fair, QRM from WTMM's sports with WJFK nullled. (PT-NJ)
 - WTMM NY **Rensselaer** - 11/7 2345 - Bubbling out of the mix very clearly with "You're listening to sports radio 1300, The Team" and "Sports radio 130 WTMM." No sign of WJFK which usually dominates. (PT-NJ)
 - 1310 WISE NC **Asheville** - 11/5 2315 - ID as "WTZQ Hendersonville, WISE Asheville," although I doubt anyone can hear WTZQ's 21 watts at this hour! (JK-VA)
 - WDOD TN **Chattanooga** - 11/15 2133 - Mostly under CHGB, others with Chattanooga mentions and BBD/NOS. New. (JK-VA)
 - CJWW ON **Ottawa** - 11/5 2314 - Tentative with oldies, "Oldies 13-10" ID. (JK-VA)
 - CHGB PQ **La Pocatière** - 11/5 2313 - Tentative with FF talk. (JK-VA)
 - 1320 WOBL OH **Oberlin** - 11/8 1953 - ID, mention of Lorain County. (JN-MI)
 - 1370 WMJT WV **Moundsville** - 11/8 1725+ - Coverage of Bowling Green-Marshall Thundering Herd football, legal ID on the half hour. Excellent signal due to, no doubt, the special signal enhancement given mainly to local sports broadcasts, i.e., "overboard". First time with these calls. (JEK-MD)
 - 1380 WMJR KY **Winchester** - 10/26 2056 - Oldies, ID's as "13-80 WMJR." New, poor, only 40 watts? (JK-VA)
 - 1400 WBBD WV **Wheeling** - 11/6 2005 - Weather forecast in mix. (SK-PA)
 - 1420 WVJS KY **Owensboro** - 11/8 1933 - ID and weather forecast. (JN-MI)
 - WLNA NY **Peekskill** - 11/8 1741 - Weather forecast from meteorologist Cory (?), promo for talk show hosted by Don Bennett, in mix. (SK-PA)
 - WWSR VT **St. Albans** - 11/16 1653 - Good atop jumble with ID following George Harrison tune. (MD-MA)
 - 1460 WCRY NC **Fuquay-Varina** - 11/6 1759-1835 - Soft-spoken female "WCRY, we're located at 1924 Broad Street." Thought this was a sign-off, but later heard black gospel music at 1805 (though this could have been WWWG) and ad for Durham Medical Center at 1835. Briefly atop in a shifting mix. (SK-PA)
 - 1480 WCIN OH **Cincinnati** - 11/11 2101 - This flea-powered station finally heard here with UC:OLD and high energy rapping DJ. New. (JK-VA)
 - 1550 WTTC PA **Towanda** - 11/11 1745 - Oldies, ID as "Oldies 95," canned ID with bassy male voice at 1757 "WTTC, here's a good one for you," behind CBE. WKQV dominates here during the day, even though WTTC is actually closer. (SK-PA)
 - WKBA VA **Vinton** - 11/8 1715 - Sign-off, briefly over but mostly under CBE. Again on 11/11, "This is WKBA" and immediately power off at 1715. (SK-PA)
 - 1560 WPAD KY **Paducah** - 11/10 2253 - Weather and ID, briefly strong, up from dominant WQEW. (JN-MI)
 - WCNW OH **Fairfield** - 11/15 1730 - Gospel format, frequent mentions of Jesus, sign-off by male, good. (WPT-DC)
 - 1570 WXLN IN **New Albany** - 10/25 1930 - Ad for Roger's Service Station in Jeffersonville and mention "now on 1470 and 1570." I assume the 1470 is Shepardsville, KY, due to proximity. (HJH-PA) [The 18th edition of the Log says: right you are. - DY]
 - WWCK MI **Flint** - 10/31 2225 - Mostly weak with fair peaks, many mentions of 105.5, modern Top 40 format. ID as "CK 105.5" and mentions of Flint in ads. (HJH-PA)
 - WTLK NC **Taylorsville** - 11/15 1800 - ID by man, news. Fair. (WPT-DC)
 - WANR OH **Warren** - 10/25 1945 - Ad for a Harley-Davidson paraphernalia shop in Warren, up well. (HJH-PA)
 - 1580 WDAB SC **Travelers Rest** - 11/15 1748 - BBD music, fading up and down with music from "West Side Story," vocal version of Tommy Dorsey's theme song. Fair-good. (WPT-DC)
 - 1700 WCMQ FL **Miami Springs** - 11/6 2340-0003 - SS music, ID at 0000 in EE with calls, but there was more in the ID than that. Power cut or transmitter off at 0003, then back on very good at 0012 with ID "This is WCMQ Miami Springs, Florida, another Rauda(?) Radio Station." Stronger than WJDM, using day power? (SK-PA)



- + 11/10 2255-2325 - On the air with big signal, SS music of various styles. Male announcer with slogans between songs, ID in Feat top of hour. (HN-GA)
- + 11/13 2048 - SS talk, sports, music, "CMQ Radio Central Cadena" ID's, complete on the hour mentioning three frequencies. Big signal, lots stronger than WJDM. (JK-VA)
- + 11/15 1040(?-DY)-2400 - SS music with recorded message between songs mentioning West Palm Beach and Cuba, legal ID's in EE on the hour: "This is WCMQ Miami Springs-Miami, WCMQ-FM Key Largo-Homestead, and W?MQ-FM Miami." Then ID's in SS. Excellent signal, better than WJDM-1660. Tip from Bob Foxworth. (JEK-MD)
- + 11/18 1743-1800 - Hispanic man, weak to fair signal and long fades, into presumably news at the hour. At 1755, female announced phonetically "Say May Cue," which I take it is SS for "CMQ". (RWT-MA) [More like Say Emmay Cue. - DY] (Coo-pls)
- + 11/18 1747 - Tuned in to hear spot block or promo in fast SS, "CMQ" liner as others have reported. (DG-RI)



TIS AND MISCELLANEOUS

- 1610 TIS FL **Live Oak** - 11/10 2000-2100 - Rebroadcast of VHF Weather Radio station WWG30 (162.45 MHz) from Swane County Emergency Services tower here. The original broadcast comes from the National Weather Service in Jacksonville. Weak audio behind saying "AM 1610" and "Tarpon Springs," different station? (HN-GA)
- 1640 TIS TX? **Dallas-Fort Worth?** - 11/12 2210 - Female voice with flight schedule, weak and no QRM. Similar on 1680 kHz, but stronger. Are these the Texas stations? (ES-NC) [Probably; arrival info is on one frequency and departure info on the other. - DY]
- 1700 TIS NY **New York** - 10/31 1800 - "Thank you for choosing JFK International Airport," report of traffic around NYC area, weak to fair at times. (HJH-PA)
- Jammer - - 11/13 0745+ - Jammer against WCMQ continues here, audible mostly daytime only. This is not surprising, since many stations in western Cuba are best heard on my daytime waterpath. (TLK-FL)

REPORTERS

DB-DE	Dave Braun	Wyoming DE - R-5000, Quantum loop
PC-VA	Perry Crabhill	Winchester VA - UnID help
MD-NY	Michael Diers	Huntington Station NY - HF-1000, Kiwa loop
KCF-WV	Kenneth C. Evans	Chester WV - Superadio III, built-in antenna
DG-RI	David Gardiner	Providence RI - Superadio III
HJH-PA	Harry Hayes	Wilkes-Barre PA - Superadio II, III
SK-PA	Steve Kennedy	Coals Township PA -
JK-VA	Jeff Kitze	Jarratt VA - Panasonic RQ-V60, barefoot
JEK-MD	Joe Kureth	Uniontown MD - DX-375, Superadio III, LW
EK-OH	Ed Krejny	Strongsville OH -
TLK-FL	Terry Krueger	Clearwater FL -
JN-MI	Jim Nahirniak	Warren MI - Sony ICF-6500W
HN-GA	Herbert Newberry	Newbon GA - R5000, 100' LW's, Kiwa loop
ES-NC	Eddy Strickland	Warrenton NC -
PT-NJ	Paul Thomas	Salem NJ - R8A, MFJ1026, phased 100' LW's, 1' loop
WPT-DC	William Townsend	Washington DC -
RWT-MA	Rick Turner	North Dartmouth MA - STA-300, Palomar loop, car radio
MW-CT	Marty Waters	Wallingford CT - Local news
DY-NY	David Yocis	South Nyack NY - R71A, R390A, Kiwa loop
DZ-NY	Dan Ziolkowski	Hamburg NY - Sony 2010, Kiwa filters, Kiwa loop

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 PRI: Public Radio International 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

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

TRANS-ATLANTIC DX

- 738 SPAIN RNE-1, Barcelona, NOV 17 0223 - SS talk by man, mention of Las Palmas, to good peak. [Yocis-NY]
846 ITALY RAI, Rome, NOV 17 0221 - Good with light vocal. Never heard before despite many, many tries over the years. [Yocis-NY]
1620 NETHERLANDS PCH Beacon, Scheveningen, NOV 21 0125 - noted with code IDs on car radio! [Renfrew-NY]

PAN-AMERICAN DX

- 570 CUBA Radio Reloj, NOV 13 0217 - Male and female talk, sounds like news items. Over continuous time pips. Pause every minute for minute tone Seemed like ID every minute too. Fair reception, in the clear. [Ziolkowski-NY]
670 CUBA Radio Rebelde, NOV 13 0231 - faded up briefly, parallel 5025. [Ziolkowski-NY]
780 VENEZUELA Ecos del Torbes, NOV 13 0229 - Latin American music, fair, Parallel 4980. [Ziolkowski-NY]
790 MEXICO XERPC Chihuahua CHIH, NOV 18 0020 - Canned ID in QRM: "Esta es XERPC, Radio Ranchito, 790 kHz, cinco mil wats de potencia" and into non-descript music. Heard later with ads, another ID, and "Radio Ranchito, me gusta mas" jingles. [Wilkins-CO]
790 CUBA R. Reloj, NOV 20 0030 - Trademark pips on the minute, SS news read by female. [Yocis-NY]
900 MEXICO XEOK Monterrey NL (?), NOV 9 0045-0230 - Ranchera music, frequent "Esta es Fonista XEOK" ID's. Futbol programs from 0100-0200, then more music. Mentioned phone numbers 367-9563 and 369-8829. Generally poor under XEW and CKBI. Surprised to hear another XE station other than XEW on 900. I'm assuming this is the station formerly on 920 in Monterrey, XE #139 here. [Wilkins-CO]
920 MEXICO XETAA Torreón COAH, NOV 18 0132 - Full ID in heavy QRM, also mentioned XHTAA (FM) and Grupo OIR. [Wilkins-CO]

STATION NEWS

MEXICO: "What are the official call letters of X-Bach-540 Tijuana? I have seen reports in both IRCA Monitor and DX News with call letters of XEBCH, XEBACH and XEACH. Although my Spanish is not what it used to be, when I have heard their ID at the top of the hour, it sure sounds like XEBCH to me. As for XEBACH, I'm not aware of the use of 6-letter call signs in Mexico, and according to the latest Mexican Log, XEACH is already assigned to 1590 in Monterrey. Help! Your assistance appreciated and many thanks." [query to Tim Hall by Bob Pietsch, Foster City, CA] "I finally spent some time on this recently, and I have heard several IDs that use 6 letters "XEBACH" and no IDs that use anything else. There are reports of another station in Mexico with calls XEETCH, but I can't hear them due to a local pest on that channel. That one would be hard for me to be sure about (distinguishing one "E" from two), unless the announcer had really good diction. Not really sure what the Mexican CRTC is up to. I've tried to obtain a fresh directory from the CIRT (Mexico's equivalent of the NAB), but so far no luck." [Tim Hall, San Diego CA]

RUSSIA: Here are some important changes in the GPR-s W97 Kaliningrad mediumwave schedule:
1) Our transmitter on 1215 kHz uses a NEW azimuth of 245 degrees (except 230) beamed to Central Europe - daily between 1600 and 2000 UTC with 1200 kW (except 600 kW).
2) Our transmitter on 1386 kHz uses a NEW azimuth of 275 degrees (except 245) beamed to North-West Europe - daily between 1600 and 2300 UTC with 1200 kW. We very need to know about the reception quality of all our transmissions on these frequencies (Voice of Russia in German and English and Universal Life) and we will be very glad to receive any comments about it. We suppose that some interference take place on 1215 kHz from Virgin Radio (UK) - especially in the western parts of Germany. It is very important for us to know what kind of reception with simple portable MW receivers in use. If you will send us some observations please indicate your exact location or nearest big city. All your information is very important for our technical department here at St. Petersburg and for the chief engineer of our Kaliningrad transmitting centre. Our e-mail address is: nerrs@mail.admiral.ru Beforehand

DXPEDITIONS

"Hola a todos: We're only three weeks away of our Autumn DXP. We all think that this location we have chosen could be one of the finest to practice the best DXing. We will be in Aljezur (Portugal), almost the most southwest point in Europe and our south and west horizon is the magnificent Atlantic Ocean down the 80m high sandstone cliffs. There is two DXPditions we have to highlight here: One is placed at Sheigra (Northeast of Scotland) mainly run by BDXC-UK and MWC members and the other one in Ireland run by Irish Dxs. Could be interesting, in order to investigate propagation paths, to held these three DXPs on the same date for the next year. Much better would be to run an international DXP with British, Irish, Italian, German, Danish and Spanish LW/MW Dxs to share knowledge, personal tips and Dxing technic. Perhaps could be done for the change of century, in the year 2.000 and Canary Islands could be an affordable, easy to get, quiet and noise free environment for a couple of Dxing weeks. [Jorge Garzon, MEDI DX GROUP; e-mail: medidx@arrakis.es]

WCMQ WORLDWIDE

"You can add NZ to the list of places where WCMQ has been heard! Wasn't that great a night either! CA's were very good with plenty of activity on the 5kW regional channels...found a station carrying "One on One" sports on 1490 (// 1140, 1270, 1280) and discovered that KMEN is now KMRZ - don't know how long ago they changed! Same freq KNSN was running Art Bell, then there was a second station with MOR/T40 and on 1300 someone with inspirational music and very soft announcer ... pity I had to go to work today or I could have been up to 3:40 a.m. like last month!" [Paul Ormandy, NZ via e-mail]

UNIDS, QUERIES, ETC.

The 830 UNID is almost certainly the CBC Radio One network overnight relay of the World Radio Network, which often IDs as "WRN Network One". CBC takes it down from the Galaxy 5 satellite. The audio is sent on transponder 6 along with TBS -Turner, not Trinity. I understand that all CBC Radio One stations carry it from 1 to 6 am. Don't be surprised to hear IDs for Radio Netherlands, Radio France International and Radio Australia. Sometimes WRN has a problem with a feed from the station being relayed. When that happens, they often run a tape loop until its restored. Without a log book handy at work, I can't recall what CBC has on 830, but I don't know of any other terrestrial relays. [John Marx, Madison WI] (Thanks, John, but there are no CBC stations on this frequency! - Jim)

CONTRIBUTORS

@Tim and Karen Hall, Chula Vista CA.
@John Marx, Madison WI; [marxj@mail.state.wi.us]
@Paul Ormandy, New Zealand.
@Jim Renfrew, Rochester NY; Drake R8, Radio West Loop [JimRenfrew@Delphi.com]
John Wilkins, Wheat Ridge CO; Drake R-8, 4' Box Loop.
@David Yocis, South Nyack NY; R71A, Kiwa Loop [DavidYocis@aol.com]
@Dan Ziolkowski, Hamburg NY; SONY 2010 with Kiwa filters Antenna- Kiwa pocket loop.
[DanZiolkowski@compuserve.com]

Jim.

DX FILES: LOGS FROM SPAIN

LOGS from Madrid, Spain by Mauricio Molano [mmolano@arrakis.es] RX: JRC NRD-525 ANT: loop 1 m. not amplified

- 16-Nov. 1997
1700 WCMQ, Miami, 00.34 Spanish songs with many ID's. Good signal
1500 YVRZ Radio 2000 + WTOP. 00.44 Both with strong signal.
1420 YVNZ Maracaibo 00.52, with "Corrida de toros desde la Plaza Monumental de Maracaibo". Good signal.
1350 WEGA, Vega Baja, Puerto Rico 01.10. Adv. break on Baseball Match.
1390 WXTC, Charleston 01.25, ID as "WBUB". Fair.
1560 WQEW, N.Y., + UNID 01.39 with religious talk in spanish. 02.22
700 CHSJ, St. John, adv., ID, and more music. Good level.
1560 02.59 Now the religious Spanish is over WQEW. Exact frequency is 1559.98. Promo for new programs performed by 2 speakers (man and woman): "...disfrute y participe en la nueva

programación de la Poderosa K-70...". The K letter pronounced in English. At 03.00 while recovering from a fade out I heard "This is W...." follow by "Ésta es La Poderosa K-70...", then a musical bridge and a program in Portuguese. The female speaker clearly said "K-6-70". More on 17-NOV.

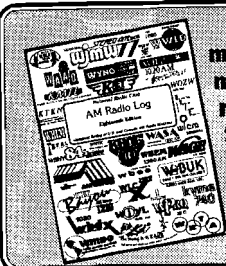
- 1431 The Breeze, Reylight (480w.) + Classic Gold, Reading (140w.!) 16.00. Both ID'ing just before the network news.
- 1566 AIR-Nagpur. 17.35 End of English news and ID: "Akashvani Delhi" then talk in Indi. Strong signal.
- 1530 VOA-São Tomé. 17.46 Reading mail from Mozambique. Very good.
- 702 TRT-2, Catalca. 19.17 // 180 Polatli. 702 good, 180 weak.
- 189 RAI Caltanissetta 19.23, children songs program, adv. Weak.
- 1566 Iran 19.51 dominating the channel with a monster signal!

17 NOV. 1997

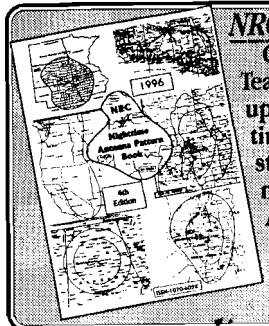
- 700 UNID0 1.00. religious in English. No legal ID.
- 700 WLW 01.02, fading in with promo.
- 760 HJAJ RCN-Barranquilla 01.07, adv., promo. Strong signal.
- 1560 2 spanish talk stations 01.12. One faded out quickly leaving alone the other on exact 1559,98 KHz (same as 16-Nov) but with political talk: "...la política de aquí de Miami...". At 02.25 they were interviewing a male singer. At the end they played the song "Cuando salí de Cuba". And at 02.30 Legal ID in English: "This is WWFE, 6-70 AM, Miami, Florida...". So, Is this WRHC simulcasting with WWFE?
- 760 WJR, 03.58 adv. and ID. Fair signal.
- 1350 LS6 R. Buenos Aires 04.03, religious prog. The host man has a very strong brasilian-portuguese accent. Good signal.
- 1521 China Radio Int., Xinjiang 16.00, heard IS while trying to catch UK's "Fame 15-21". Saudi Arabia nulled with loop pointing UK. 16.03 1521 Fame 15-21 (640w. Reigate). End of news, jingle for whether forecast and "Let's groove" by "E. W. & Fire".

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Order from: NRC Publications - Box 164 - Mannsville, NY 13661 (NY residents, please add sales tax)

Professional Sports Networks Barry S. Finkel bsfinkel@ANL.gov
10314 S. Oakley Chicago, IL 60643-2409
Network listings for team sports stations

Here are some NBA network lists from Media Guides via Bob Galerstein. If I count correctly, this accounts for about 1/2 of the NBA teams.

Atlanta Hawks 97/98 Steve Holman

540 WDAK-GA	810 WAPB-TN	1340 WQSC-SC	1450 WMVG-GA	93.1 WFRN-GA
550 WDUN-GA	900 WEAS-GA	1350 WGAD-AL	1480 WRDW-GA	96.7 WMKJ-GA
620 WTRP-GA	1240 WGGA-GA	1370 WDEF-TN	1590 WALG-GA	100.1 WMCD-GA
740 WMSP-AL	WWNS-GA	1410 WLAQ-GA		102.3 WKZR-GA
750 WSB-GA *	1340 WGAU-GA	1450 WKEU-GA	92.1 WKUL-AL	105.5 WIFO-GA

Charlotte Hornets 97/98 Bob Licht, Mike Gminski, Gil McGregor

590 WCAB-NC	900 WAYN-NC	1280 WSAT-NC	1400 WMMZ-SC	1490 WSVN-NC
600 WSJS-NC	1050 WLON-NC	WYVE-VA	1410 WPCC-SC	1590 WCSL-NC
620 WDNC-NC	1110 WBT-NC *	1290 WHKY-NC	1450 WATA-NC	
680 WRGC-NC	1230 WCBT-NC	1320 WISW-SC	WGNC-NC	98.3 WDLZ-NC
730 WOHs-NC	1240 WJNC-NC	1350 WLMA-SC	WKZQ-SC	100.9 WIFM-NC
	WPAL-SC	1250 WBRM-NC	1360 WELP-SC	1490 WRMT-NC

Chicago Bulls 97/98 Neil Funk, Derrick Dickey

590 KFNS-MO	1170 WLBH-IL	1410 WTIM-IL	95.1 WZZT-IL	102.3 WTAZ-IL
640 WMFN-MI	1230 WHCO-IL	1440 WGEM-IL	95.7 WLRX-IN	e102.5 WHHK-IL
880 WINU-IL	1240 WEBQ-IL	WROK-IL	96.7 WCOE-IN	104.9 WGEN-IL
920 WMOK-IL	WTAX-IL	1470 WQSN-MI	96.9 WLBH-IL	105.1 WGEN-IL
1000 WMVP-IL *	1250 WIZZ-IL	1490 WZOE-IL	98.1 WIBN-IL	105.5 WYKT-IL
1050 WDZ-IL	1320 WKAN-IL	1550 KAPE-MO	98.3 WBYS-IL	
1060 WRHL-IL	1400 WDWS-IL	1570 WFRL-IL	102.3 WEBQ-IL	
1170 KJOC-IA	WGIL-IL		WRHL-IL	

Cleveland Cavaliers 97/98 Joe Tait, Mike Snyder

970 WFUN-OH	1430 WFOB-OH	1480 WHBC-OH	100.9 WJAW-OH	
1100 WTAM-OH *	1450 WJER-OH	1490 WMOA-OH	92.7 WQEL-OH	104.5 WQKT-OH
1280 WKST-PA	WLEC-OH	WMRN-OH	95.3 WLKR-OH	107.1 WDOH-OH
1310 WDPN-OH	1460 WBKC-OH	1570 WANR-OH	96.7 WCSM-OH	WEXC-PA
1390 WRTK-OH	WBNS-OH	1590 WAKR-OH	100.1 WSWR-OH	107.3 WYBZ-OH

Denver Nuggets 97/98 Jerry Schemmel, Drew Goodman

590 KCSJ-CO	920 KLMR-CO	960 KNEB-NE	1450 KBFS-SD	95.3 KNFO-CO a
600 KIIX-CO	930 KROE-WY	1010 KSIR-CO	1480 KRAE-WY	106.1 KNFO-CO a
740 KTWK-CO	950 KKFN-CO *	1310 KFKA-CO		107.9 KBKL-CO

Houston Rockets 97/98 Gene Peterson, Jim Foley, Jim Kozimov; Adrian Chavarria (SS)

740 KTRH-TX *	1230 KSIX-TX	1470 KLCL-LA	1590 KGAS-TX	98.3 KULM-TX
790 KFYO-TX	1300 WIBR-LA	1480 KLVL-TX SS	1600 KOGT-TX	104.9 KBUK-TX
860 KSFA-TX	1330 KFCA-AR	1490 KVLL-TX		106.1 KWHI-TX
990 KZZB-TX	1340 KAMG-TX	1500 KANI-TX	92.1 KHOS-TX	
1150 WTAW-TX	KRBA-TX	1550 KWBC-TX	92.7 KASR-AR	
1220 KMVL-TX	1390 KULP-TX	1570 KVLG-TX	94.3 KYXX-TX	

Indianapolis Pacers 97/98 Mark Boyle, Bob Leonard

860 WGOM-IN	1330 WTRE-IN	1480 WTHI-IN	95.7 WLRX-IN	e104.9 WWWY-IN
930 WHON-IN	1340 WBIW-IN	1550 WCVL-IN	100.1 WFLQ-IN	106.6 WWBL-IN
1070 WIBC-IN *	WXFN-IN	WMDH-IN	101.9 WQFE-IN	107.7 WMRS-IN
1230 WSAL-IN	1350 WIUO-IN		102.3 WCBK-IN	WRFB-IN c
1240 WHBU-IN	1370 WGCL-IN	93.9 WZBD-IN	103.9 WIMC-IN	
1280 WGBF-IN	1440 WPGW-IN	95.3 WNDI-IN	WRBI-IN	

Los Angeles Clippers 97/98 Rory Markas (The Media Guide listed no other station, so I assume that there is no network.) 95.9 KEZY-CA *

Los Angeles Lakers 97/98 Chick Hearn, Stu Lantz; Fernando Gonzalez (SS), Jose "Pepe" Mantilla (SS); Terry Pan (Ch), Dennis Neih (Ch)

570 KLAC-CA * 1230 KXO-CA 1290 KMRZ-CA 1330 KWKW-CA SS 1460 KENO-NV
1010 KPSL-CA KYVA-NM 1300 KAZN-CA Ch 1380 KKJH-CA 1490 KMET-CA
1230 KGEO-CA 1240 KSMA-CA KYNO-CA 1400 KKJL-CA 1520 KTRO-CA

Milwaukee Bucks 97/98 Ted Davis, Dennis Krause

550 WSAU-WI 1010 WSPT-WI 1260 WEKZ-WI 1400 WRDB-WI 92.3 WJMQ-WI
590 WJMS-MI 1070 WTSO-WI 1270 WRJC-WI 1440 WNFL-WI 92.7 WDUX-WI
620 WTMJ-WI * 1090 WISS-WI 1330 WHBL-WI 1450 KFIZ-WI 94.3 WPRE-WI
710 WDSM-WI 1150 WHBY-WI 1350 WPDR-WI WDLB-WI 99.7 WWIS-WI
960 WTCH-WI 1230 WCLO-WI 1380 WBEL-WI 1570 WKBH-WI 102.3 WISS-WI
980 WNBI-WI 1240 WOBT-WI 1400 WATW-WI 1590 WPVL-WI 105.3 WRLO-WI
WPRE-WI WOMT-WI WBIZ-WI 106.3 WEVR-WI

Minnesota Timberwolves 97/98 Kevin Harlan, Tom Hanneman, Chad Hartman

610 KDAL-MN 1170 KOWO-MN 1250 KCUE-MN 1350 WCMP-MN
650 WKQK-MN KWAT-SD 1260 KROX-MN 1390 KRFO-MN 92.1 WYRQ-MN
790 KFGO-ND 1210 KOKK-SD 1270 KWEB-MN 1400 KMHL-MN 93.5 KSCR-MN
860 KNUJ-MN 1230 KMRS-MN WWWI-MN 1410 KRWB-MN 94.3 KMSR-MN
920 KDHL-MN KTRF-MN 1290 KSCR-MN 1420 KTOE-MN 99.3 KSTQ-MN
930 KSDN-SD KWNQ-MN 1310 KNOX-ND 1450 KATE-MN 100.1 KOLV-MN
970 KNFX-MN WSN-SD 1320 KOZY-MN KBUN-MN 104.1 KSDM-MN
1130 KFAN-MN * 1240 WJON-MN 1340 KDLM-MN KBMW-ND 106.3 WRJB-MN
1150 KASM-MN KDLR-ND KWLK-MN 1570 KOSZ-SD 107.1 KMCK-MN

New Jersey Nets 97/98 Bob Papa, Mike O'Koren; Alfredo Bejar (SS) (The Media Guide listed no other stations, so I assume that there is no network.) Only one of the SS stations will be broadcasting the games; I do not know the exact schedule of which station will be broadcasting which games. Only home games will be broadcast in Spanish.

710 WOR-NY * 930 WPAT-NJ SSh 1280 WADO-NY SSh

Orlando Magic 97/98 David Steele, Jeff Turner

580 WDBO-FL * 1240 WMMB-FL 1350 WMMV-FL 1450 WWJB-FL 97.7 WRRX-FL
790 WWCN-FL 1250 WQHL-FL 1380 WELE-FL 1480 WODX-FL
820 WZTM-FL 1320 WAMR-FL 1400 WZHR-FL 1590 WPSL-FL
960 WGRO-FL WJGR-FL 1410 WHBT-FL
1220 WQSA-FL 1350 WDCF-FL 1430 WLKF-FL 95.3 WXCX-FL

Philadelphia 76ers 97/98 Tom McGinnis

590 WARM-PA b 790 WAEB-PA 1420 WCOJ-PA 1550 WKQV-PA b
610 WIP-PA 1290 WJBR-PA 1490 WGYM-PA

Portland Trail Blazers 97/98 Bill Schonely

880 KTMT-OR 1240 KTIK-OR 1440 KODL-OR 1580 KGAL-OR 99.9 KIOO-OR
1110 KBND-OR 1310 KNPT-OR 1450 KFLS-OR 100.5 KCGR-OR
1120 KPNW-OR 1340 KIHR-OR KIOV-OR 92.7 KGBR-OR 103.1 KRSB-OR
1190 KEX-OR * 1400 KBCH-OR KBKW-WA 92.9 KAST-OR 104.1 KTIK-OR
1230 KHSN-OR KJDY-OR 1460 KCKX-OR 96.5 KTWI-OR
KZZR-OR 1430 KYKN-OR f 1490 KLOG-OR 99.3 KQFM-OR

Sacramento Kings 97/98 Grant Napier, Brian Wheeler

600 KNRO-CA 950 KAHI-CA 1140 KHTK-CA * 1410 KMYC-CA
830 KNCO-CA 1110 KRCX-CA hs 1270 KPLY-CAS



Utah Jazz 97/98 Rod Hundley, Ron Boone

540 KNAK-UT 750 KOAL-UT 950 KMER-WY 1240 KEVA-WY 1340 KRLV-NV
590 KID-ID 790 KUTA-UT 970 KBBK-ID 1260 KWEI-ID 1430 KLO-UT
KSUB-UT 800 KSOS-UT 980 KSVC-UT 1270 KTFI-ID 1490 KUGR-WY
610 KVNU-UT 890 KDXU-UT 1240 KWIK-ID 1320 KFAN-UT *
650 KMTI-UT 920 KVEL-UT KELK-NV 1340 KTOX-CA 103.9 KYKN-UT f

a The Cavaliers' list has "KNFO-FM Aspen 95.3", with a following line that has only 106.1 (no call nor city). KNFO is on 106.1; the station at 95.1 in Aspen is translator K237BH.

b The 76'ers list has 590/1550 WARM Scranton/Wilkes-Barre. The "Log 18" shows WARM on 590 and WKQV on 1550 (relaying 590 WARM).

c The Pacers' list has WREB-FM, Greencastle, IN. Those calls are for 930 in Holyoke, MA. Last year's list had the same information.

e This station broadcasts both the Chicago Bulls and the Indianapolis Pacers.

f The Portland list has 1430 Salem, OR. The Utah list has KYKN Nephi, UT without a frequency. The "Log 18" shows KYKN as 1430 Keizer, OR. But the "FM Atlas" 15 has KYKN at 103.9 in Nephi-UT. A check of the FCC database on the WWW shows KYKN-AM is 1430 in Kiezer, OR; KYKN-FM is 103.9 in Nephi-UT. I can not explain how two stations can share the same call letters. (Actually, they don't; the FCC allows AM, TV, and FM stations in different cities to carry the same first three or four letters if -FM (or -TV for TV stations) is added to distinguish them, so that the calls are 6 letters long. "FM Atlas" 18 definitely shows KYKN-FM. -pls.)

h home games only SS Spanish (and without a network) Ch Chinese !! (and without a network)

Here are two missing NFL lists (one partial).

Pittsburgh Steelers 1997 Myron Cope, Bill Hillgrove

(from http://steelershome.com/97/stradio.html via danc@nb.net)

570 WKBN-OH 1250 WTAE-PA * 1410 WING-OH 1490 WOHI-OH 103.1 WANB-PA
680 WISR-PA 1270 WCBC-MD 1420 WCED-PA WLPA-PA 103.9 WLMJ-PA
800 WCHA-PA 1280 WKST-PA 1430 WEIR-OH WMGW-PA WLSW-PA
850 WJAC-PA 1290 WOMP-OH 1440 WAJR-WV 1580 WANB-PA WWIZ-PA
900 WCER-OH C WFBG-PA 1450 WDAD-PA 105.7 WOBG-WV
990 WYSC-PA 1330 WEYZ-PA WJPA-PA 92.7 WCCR-PA 106.3 WWJM-OH
1230 WBVP-PA 1340 WCVI-PA 1460 WBNS-OH 96.1 WTAE-PA * WPXZ-PA
WKBO-PA 1390 WRSC-PA 1470 WOYL-PA 99.3 WPQR-PA
1250 WQXA-PA 1400 WOBG-WV 1480 WCNS-PA 102.9 WING-OH

Washington Redskins 1997 Frank Herzog, "Sonny" Jurgensen, and Sam Huff (partial list from Gerald Conkling, Jr.'s bandscan 11/09/97 [via e-mail])

540 WDMV-MD 1000 WIOO-PA D 1320 WGET-PA 101.5 WBQB-VA
550 WSVA-VA WRAR-VA D 1430 WNAV-MD 94.7 WARW-MD 106.7 WJFK-VA *
930 WFMD-MD 1200 WAGE-VA 1560 WSMD-MD 98.3 WSMD-MD 106.9 WARX-MD

C This station broadcasts both the Pittsburgh Steelers and the Cincinnati Bengals.

D The Redskins' station on 1000 could be either of these two stations.

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18 Target DX

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

Night-Time Medium Wave Bandscan:

Cape Cod, MA, USA

Prepared 4 SEP 1997

by Mark Connelly - WA1ION

The list below contains medium wave broadcast stations that are audible from sites on Cape Cod at night. Many of the stations can be heard just about every night. Others are somewhat tougher DX that might take a few months of serious listening to uncover. I have tried to exclude "super rare" once-in-a-lifetime type stuff. The Newfoundland reports (for foreign DX) and the past 20 years or so of Ernie Cooper's loggings from Provincetown (largely of unusual domestic DX) can point the dedicated DXer to targets too uncommon to cover in this list. My main emphasis here is on the "stable mid-evening period", roughly from two hours after local sunset to two hours after local midnight. Sunset and dawn openings bring forth many additional stations, but many of these cannot be heard on a consistent basis.

Besides being a world-class resort area, Cape Cod has a large full-time population, including many retirees. Some sections are heavily developed - overbuilt in the opinion of more than a few. But the area retains much of its traditional feel along old Route 6A where many houses built in the 17th and 18th centuries can still be found. There is still a good deal of undeveloped conservation land, especially in the Cape Cod National Seashore. Typical landscapes include beaches, dunes, pine & oak woods, cranberry bogs, and fresh and salt water marshes. Cape Cod sits below the airline paths from most of Europe to New York and Washington. It is also America's "front door to Europe" when it comes to incoming radio signals. That fact was not lost on Guglielmo Marconi when he established the first USA to Europe wireless communication from his site in Wellfleet. Amateur radio pioneer Irving Vermilya (W1ZE) and the famous WCC maritime communications facility also wrote important chapters in the area's radio history book. Right up through the Cold War years, just before satellites took over, the sky over the Massachusetts coast was the high-speed lane of the Europe - USA information superhighway. The communications traffic ranged from ordinary broadcasts to the most strategic military data.

Bruce Conti BACONTI@aol.com

46 Ridgfield Drive
Nashua, NH 03062-1174

Over the years, numerous medium wave DXers have recognized the same propagational advantages of locations such as Cape Cod and Long Island that the big commercial and government users knew about.

Although I am not a full-time resident of Cape Cod, I do have access to family homes at East Harwich and West Yarmouth. The East Harwich receptions were used as the "baseline" for this list. Some of the Latin American (especially Brazilian) logs were made from beach DX sites such as Windmill Beach in South Yarmouth: such receptions are more common there than at the more-inland house sites and, in any event, often require auroral activity to weaken co-channel US / Canadian domestics. Auroral conditions and the use of Beverage antennas at beach sites will actually provide Latin American and African DX beyond what I have listed here. The same is true for Florida and other southern domestics: Ernie Cooper has heard many of these on "graveyard" channels during aurora, but I haven't tried to include them here.

European DX is best from September to March. Some of the higher powered Trans-Atlantic stations, especially from Spain and the Arab countries of North Africa, can be heard year 'round. Best results will be at an eastward-facing beach right after local sunset. An antenna system that can provide a cardioid pattern (such as a loop phased against a whip) will go a long way in reducing interfering stations coming from the opposite direction of desired DX.

For each frequency, stations are listed with the most common one first and then onward in decreasing order of dominance.

Corrections / comments on the list are welcomed at my home E-mail address WA1ION@ix.netcom.com or via snail-mail to 30 William Road, Billerica, MA 01821-6079 USA.

kHz/stations

- 530 R.V.C - Turks & Caicos, CIAO - ON.
- 531 Spain, Algeria, Madeira, Switzerland.
- 535 Grenada.
- 540 CBT - NE, WLUX - NY, CBGA1 - PQ, WQTM - FL, XEWA - Mexico, YVOV - Venezuela, CBEF - ON, HJKA - Colombia, Morocco.
- 549 Algeria.
- 550 YVKE - Venezuela, WDEV - VT, WPNW -

- RI, CHNO - ON, CHLN - PQ, Cuba, RJR - Jamaica.
- 555, ZIZ - St. Kitts & Nevis.
- 558 Spain.
- 560 WGAN - ME, WFIL - PA, WHYN - MA, Cuba, WQAM - FL, YVRH - Venezuela, CHVO - NF.
- 567 Ireland, Spain.
- 570 WMCA - NY, CJEM - NB, R. Reloj - Cuba, WSYR - NY, YVLX - Venezuela.
- 576 Spain.
- 580 WTAG - MA, WKAQ - Puerto Rico, CJFX - NS, WHP - PA, CFRA - ON, Jamaica, YVMJ - Venezuela.
- 585 Spain, Tunisia.
- 590 WEZE - MA, VOXM - NE, Cuba, YVKL - Venezuela, CKRS - PQ.
- 594 Portugal, Morocco, Saudi Arabia.
- 595 Dominica.
- 600 Cuba, WICC - CT, YVQB - Venezuela, HJHJ - Colombia, CKCL - NS, CBNA - NE, ZYK275 - Brazil, Suriname, CIQC - PQ.
- 603 Spain, Madeira, France.
- 610 WGRJ - NH, WIP - PA, CHNC - PQ, HJKL - Colombia, WIOD - FL, Trinidad & Tobago.
- 612 Morocco, Ireland, Spain.
- 620 WZON - ME, WVMT - VT, Cuba, WXLX - NJ, Antigua, HJEL - Colombia, WSUN - FL, ZYH590 - Brazil, WHEN - NY.
- 621 Canary Islands // Spain, Egypt.
- 630 WPRO - RI, CFCY - PE, CHLT - PQ, WSKN - Puerto Rico, YVKA - Venezuela.
- 639 Spain.
- 640 CBN - NE, Cuba, WNNZ - MA, Guadeloupe, YVQO - Venezuela, WWJZ - NJ.
- 648 Spain, Saudi Arabia, Gambia.
- 650 HJKH - Colombia, WRPT - MA, WSM - TN, YVLH - Venezuela, CKGA - NF.
- 657 Spain.
- 660 WFAN - NY, Cuba, St. Lucia, YVNA - Venezuela, HJJM - Colombia.
- 666 Portugal, Spain.
- 670 YVLL - Venezuela, Cuba, WMAQ - IL, Suriname, WWFE - FL.
- 673 CKXB - NF.
- 674 Libya.
- 675 Netherlands.
- 680 WRKO - MA, CKXG - NE, WAPA - Puerto Rico, Cuba, WPTF - NC, CFTR - ON.
- 684 Spain, Serbia.
- 690 CBF - PQ, Anguilla, HJ CZ - Colombia, YVMR - Venezuela, ZYH587 - Brazil, WOKV - FL, HCJB - Ecuador.
- 693 BBC - U.K., Azores, Spain.
- 700 WLW - OH, HJ CX - Colombia, YVMH - Venezuela, YVPQ - Venezuela, CHSJ - NB, Jamaica.
- 702 Morocco, Slovakia.

- 705 St. Vincent.
- 710 WOR - NY, Cuba, YVKY - Venezuela, CKVM - PQ.
- 711 W. Sahara, Libya, France.
- 720 CHTN - PE, YVQE - Venezuela, WGN - IL, HJAN - Colombia.
- 729 Spain, Ireland.
- 730 CKAC - PQ, WJTO - ME, WACE - MA, XEX - Mexico, Trinidad & Tobago, HJCU - Colombia, HIZ - Dominican Republic.
- 738 Spain.
- 740 CHCM - NF, CBL - ON, R. Progreso - Cuba, YVNC - Venezuela, WJIB - MA, WIAC - Puerto Rico, YVNQ - Venezuela, ZYH446 - Brazil.
- 747 Netherlands, Canary Islands // Spain, Burkina Faso.
- 750 YVKS - Venezuela, WSB - GA, CKGB - ON, CBGY - NF, Jamaica, HJDK - Colombia.
- 756 Germany, Spain.
- 760 HJAJ - Colombia, WJR - MI, R. Reloj - Cuba, YVQQ - Venezuela, Guyana, ZYH588 - Brazil.
- 765 Switzerland, Senegal.
- 770 WABC - NY, HJJX - Colombia, YVKK - Venezuela.
- 774 Spain, Egypt.
- 780 CFDR - NS, WBBM - IL, YVOD - Venezuela, YVMN - Venezuela, ZBVI - British Virgin Islands, HJZW - Colombia, HJZG - Colombia.
- 783 Syria, Spain, Portugal, Germany.
- 789.8 Barbados.
- 790 WLKW - RI, CFAN - NB, CIGM - ON, Cuba, WNIS - VA, CFNW - NE, WAXY - FL.
- 792 Spain, France.
- 800 CJAD - PQ, PJB - Neth. Antilles, CKLW - ON, CHRC - PQ, WCCM - MA.
- 801 Spain, Jordan.
- 810 WGY - NY, CJVA - NB, HJCY - Colombia, Bahamas, Spain, ZYH589 - Brazil.
- 819 Egypt, Morocco, Spain.
- 820 WNYC - NY, CHAM - ON, WWLZ - NY, HJED - Colombia, YVSH - Venezuela, YVXG - Venezuela, WBAP - TX.
- 827 Syria.
- 828 Spain.
- 830 WCRN - MA, TBN - St. Kitts & Nevis, CFJR - ON, YVLT - Venezuela, WCCO - MN.
- 836 Azores.
- 837 Canary Islands // Spain, France.
- 840 WHAS - KY, Cuba, HJBI - Colombia, YVMY - Venezuela, St. Lucia, ZYK687 - Brazil.
- 846 Italy.
- 850 WEEL - MA, CKVL - PQ, WTAR - VA.
- 855 Spain, Romania.
- 860 CJBC - ON, R. Reloj - Cuba, HILR - Dominican Republic, HJNJ - Colombia,

YVOL - Venezuela, YVYE - Venezuela, ZYJ459 - Brazil, HOL55 - Panama, ZYH592 - Brazil.
864 Egypt, Spain, France.
870 WLAM - ME, WHCU - NY, WWL - LA, Cuba, HJSB - Colombia, LRA1 - Argentina.
873 Spain, AFN - Germany.
880 WCBS - NY, YVYM - Venezuela, YVKU - Venezuela, Cuba, ZYL275 - Brazil.
882 BBC - U.K., Canary Islands // Spain.
890 WBPS - MA, WLS - IL, Cuba, HJCE - Colombia, HJPM - Colombia.
891 Algeria, Portugal.
895 St. Kitts & Nevis.
900 CKTS - PQ, CKDH - NS, CHML - ON, CJBK - PQ, Cuba, Barbados, XEW - Mexico, YVMD - Venezuela, Italy.
907.8 Gambia.
909 BBC - U.K., Morocco, Azores.
910 WABI - ME, CHRL - PQ, WNEZ - CT, YVRQ-Venezuela, CKLY - ON, WSBA - PA, WRNL - VA.
918 Spain, Syria (?).
920 CJCH - NS, WHJJ - RI, WIRD - NY, CKNX - ON, WMEL - FL.
927 Belgium.
930 WZNN - NH, CFBC - NB, WPAT - NJ, CJYQ - NF, WBEN - NY.
936 Spain, Germany, Morocco.
940 CBM - PQ, YVNN - Venezuela, R. Reloj - Cuba, HJGB - Colombia, XEQ-Mexico, WINZ - FL.
945 France.
950 WPEN - PA, CKNB - NB, WROL - MA, CHER - NS, WIBX - NY, YVKG - Venezuela.
954 Spain, Qatar.
960 CHNS - NS, WELI - CT, HJOP - Colombia, R. Reloj - Cuba, YVRB - Venezuela.
963 Portugal.
970 WZAN - ME, CBZ - NB, WWDJ - NJ.
972 Spain, Germany, Ukraine.
980 WTRY - NY, WCAP - MA, CBV - PQ, WWRC - DC, HJES - Colombia, WILK - PA.
981 Algeria, Portugal, Greece.
990 WALE - RI, WZZD - PA, WCMF - NY, CBY - NF, CKGM - PQ, YVTA - Venezuela, WHOO - FL.
999 Spain.
1000 CKBW - NS, CFLP - PQ, WMVP - IL, HJAQ - Colombia, YVNM - Venezuela, ZYK522 - Brazil, XEOY - Mexico.
1008 Canary Islands, Spain, Netherlands.
1010 WINS - NY, CFRB - ON, HJOP - Colombia, ZYH625 - Brazil.
1017 Germany, Spain, Turkey.
1020 C.C.R. - Turks & Caicos, KDKA - PA, YVRS - Venezuela.
1026 Spain.

1030 WBZ - MA, HJER - Colombia.
1035 Italy, Portugal.
1040 HION - Dominican Republic, WZNA - Puerto Rico, YVLB - Venezuela, WHO - IA, WJNA - FL, ZYK537 - Brazil.
1044 Spain, Morocco.
1050 WEVD - NY, CHUM - ON, XEG - Mexico.
1053 TalkRadio - U.K., Spain, Morocco, Romania.
1060 KYW - PA, Cuba, YVLN - Venezuela.
1062 Denmark, Italy, Turkey.
1070 CBA - NB, CHOK - ON, YVMA - Venezuela, HJAH - Colombia, HJCG - Colombia, French Guiana, LRI - Argentina.
1071 Spain.
1080 WTIC - CT, YVQJ - Venezuela, Spain, YVNR - Venezuela.
1088 Angola.
1089 TalkRadio - U.K., Albania.
1090 WBAL - MD, YVSY - Venezuela, HJBC - Colombia, CKKW - ON.
1098 Slovakia, Spain.
1100 WTAM - OH, HJAT - Colombia, ZDK - Antigua, ZYK694 - Brazil, YVSW - Venezuela, YVOP - Venezuela.
1107 Spain.
1110 WBT - NC, CKTY - ON, YVQT - Venezuela.
1114.9 Angola.
1116 Spain.
1120 WPRX - CT, WADN - MA, KMOX - MO, YVMF - Venezuela.
1125 Spain, Croatia.
1130 WBBR - NY, YVRL - Venezuela, HJAC - Colombia, ZYJ461 - Brazil.
1134 Croatia, Spain.
1140 WRVA - VA, CBI - NS, Margaritena - Venezuela.
1143 Spain.
1150 WNFT - MA, CKOC - ON, WRUN - NY, CJRC - ON, CHGM - PQ, WDEL - DE.
1152 Spain.
1160 WVNJ - NJ, WOBM - NJ, WSKW - ME, VSB3 - Bermuda.
1161 Spain, France.
1170 WWVA - WV, HJNW - Colombia, YVQV - Venezuela, WLEO - Puerto Rico.
1179 Canary Islands // Spain, Sweden.
1180 Cuba, WHAM - NY, YVNI - Venezuela, ZYJ463 - Brazil.
1187 Morocco.
1188 Hungary, Germany.
1190 WOWO - IN, WBMJ - Puerto Rico, HJCT - Colombia.
1197 Spain, Virgin R. - U.K., BBC - Lesotho, Morocco.
1200 WKOX - MA, WTLA - NY, CFGO - ON, YVOZ - Venezuela, ZYH585 - Brazil
1205 Cayman Islands.
1206 France, Poland, Israel.

1210 WPHT - PA, VOAR - NF, YVZT - Venezuela.
1215 Virgin R. - U.K., Spain.
1220 CKSM - PQ, CFVM - PQ, CJSS - ON, WKNR - OH, CKCW - NB.
1224 Spain, Netherlands.
1230 WESX - MA, WERI - RI, WCMC - NJ, WQDY - ME, others.
1233 Morocco.
1240 WBUR - MA, WGBB - NY, WSNJ - NJ, WTME - ME, others.
1242 France.
1250 WKBR - NH, WARE - MA, WMTR - NJ, CHWO - ON, WTAE - PA.
1251 Libya, Hungary, Portugal.
1259 Azores.
1260 CIHI - NB, WPZE - MA, Spain, WSUA - FL.
1269 Germany, Canary Islands.
1270 WTSN - NH, CJCB - NS, WSPR - MA, CFGT - PQ, WXYT - MI.
1278 Ireland, France.
1280 WADO - NY, WFAU - ME, WEIM - MA, CKCV - PQ, VSB2 - Bermuda.
1287 Spain, Germany.
1290 WRCP - RI, WKNE - NH, CJBK - ON, WNBK - NY, YVLF - Venezuela, CHRM - PQ.
1296 Spain, R. XL - U.K., Sudan, BBC - U.K.
1300 WAVZ - CT, WJFK - MD, WQBK - NY, WJDA - MA.
1305 Spain, Poland.
1310 WLOB - ME, CIWW - ON, WGH - VA, others.
1313 Angola.
1314 Norway, Spain, U.A.E.
1320 CKEC - NS, WARA - MA, WDER - NH, WATR - CT, CJMR - ON, CJSO - PQ.
1323 Germany.
1325 Morocco.
1330 WWRV - NY, WRCA - MA, CKLD - PQ.
1332 Italy.
1340 WNBH - MA, WMID - NJ, WNHC - CT, CJLS - NS, WWNH - NH, others.
1341 BBC - N.Ireland.
1349 Mauritania.
1350 WOYK - PA, WINY - CT, CKAD - NS, WGPL - VA, WHWH - NJ.
1359 Spain.
1360 CKBC - NB, WDRC - CT, WLYN - MA, CJVL - PQ.
1367 Angola.
1368 Poland.
1370 WFEA - NH, WDEA - ME, WXXI - NY.
1375 St. Pierre & Miquelon.
1377 France, Ukraine.
1380 WKDM - NY, WTMN - NH, WSYB - VT, CFDA - PQ.
1385.9 Guinea.
1386 Kaliningrad, Iran, Greece.
1390 WPLM - MA, WDCW - NY, WEGP - ME,

WZHF - VA, WKDR - VT, WLAN - PA, WXTC - SC, CHOO - ON, YVZA - Venezuela.
1394.1 Togo.
1395 Netherlands, Albania.
1400 WIDE - ME, WOND - NJ, WHTB - MA, CJFP - PQ, WLLH - MA, WPCE - VA, WABY - NY, others.
1404 France, Ukraine.
1410 WPOP - CT, CIGO - NS, WDOV - DE, KQV - PA.
1413 Spain, Pristina Kosovo.
1420 WBSM - MA, CKDY - NS, CJMT - PQ, WBEC - MA, WCOJ - PA.
1422 Germany, Algeria.
1430 WNJR - NJ, WENE - NY, WXKS - MA, CKYC - ON.
1431 Ukraine.
1440 WJAE - ME, WWTM - MA, WRRO - OH, Luxembourg, Saudi Arabia.
1449 Italy.
1450 WNBK - MA, WFPK - NJ, WCTC - NJ, WCUM - CT, CHEF - PQ, WRKD - ME, WHIM - RI, CFAB - NS, others.
1458 U.K., Albania.
1460 CKRB - PQ, WGNA - NY, WBET - MA, WVOX - NY, WKDV - VA.
1467 France.
1470 WZOU - ME, WMMW - CT, WSRO - MA, YVSY - Venezuela, CHOW - ON, WKAP - PA.
1475.1 Benin.
1476 U.A.E., (Austria back on: should be loggable)
1480 WSAR - MA, WZRC - NY, WADR - NY.
1485 Spain.
1490 WPOR - ME, WUSS - NJ, WMRC - MA, WHAV - MA, WXRE - VA, WTVL - ME, CKEN - NS, others.
1492.9 Morocco.
1494 France, Russia.
1500 WTOP - DC, YVRZ - Venezuela.
1502 Angola.
1502.4 Togo.
1503 Spain, AFN - Azores, Poland.
1505 Anguilla.
1510 WNRB - MA, WNLC - CT, WLAC - TN.
1512 Belgium, Saudi Arabia.
1520 WWKB - NY, HJLQ - Colombia, WRAI - Puerto Rico, YVND - Venezuela.
1521 Saudi Arabia, Spain.
1530 WSAI - OH, VOA - Sao Tome, Vatican.
1539 Germany, Spain.
1540 WDCD - NY, CHIN - ON, ZNS1 - Bahamas, KXEL - IA.
1544 Algeria.
1548 VOA - Kuwait, U.K.
1550 WRDM - CT, CBE - ON, WBSC - SC, HJCB - Colombia.
1557 France.
1560 WQEW - NY, WRHC - FL.
1566 Iran.

1570 WPEP - MA, WFLR - NY, WRHD - NY,
WBUG - NY.
1575 Spain, Italy.
1580 CBJ - PQ, WSRF - FL, HJQZ - Colombia.
1584 Spain, Ceuta.
1590 WARV - RI, WSMN - NH, WCBG - PA,
WETT - MD, WAKR - OH.
1593 RFE - Germany.
1600 WWRL - NY, WUNR - MA, CHNR - ON.
1602 Spain.

1610 TIS - Wood's Hole MA, TIS - Portland
ME, TIS - Bar Harbor ME, Anguilla.
1611 Vatican.
1620 TIS - Westerly RI.
1630 TIS - NYC NY area (JFK Int'l Airport).
1640 KXBT - CA, TIS - Dallas TX.
1660 WJDM - NJ.
1680 TIS - Dallas TX.
1700 WCMQ - Miami Springs FL.

Musings of the Members

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

Jim Weber, 3118 Briarwood Blvd. Lancaster PA 17601-1202

It's been quite a while since I mused last. It's good to be an NRC member and back in the DX season. Fortunately, I should be able to take advantage of the latter portion of the season, now that my car is back. My radio listening has been severely cramped by problems with my '98 Ford Contour. Right after purchase in May, a horrible static problem developed on medium wave. It only occurred when the car was in motion in dry weather. There were some "atmospheric" aspects of the noise as well. I had it to the dealer a couple of times and they could not identify the problem (nor did they try anything). I called the 1-800-service number a couple of times without any information or response. I also checked the WEB for anything resembling Ford Contour radio static and did get a hit but it had to do with amplification problems in the premium stereo system. I have the standard radio cassette.

Unfortunately, by mid summer, I realized I was on my own in getting this thing fixed. I finally tape recorded the noise in the car while driving using the scan mode so only the effect on the loudest stations was demonstrated, which was pretty bad. (to complain about the inability to pick up off-channel DX would be a declaration of obscurantism, the kiss of death for getting help. Better to complain that you can't get Rush on the local talk station!) I worked out a deal with my dealer that he would get me a loaner car and get it fixed no matter what. I brought the car in with the tape and they had it for almost two weeks.

After a few days, they were finally able to get ahold of the dealer audio help line. They indicated that there was a radio static problem with Taurus resulting from static buildup on rear tires and hub. Ford suggested rotating the tires and/or putting a cheaper set on! That did nothing. The technical service bulletin out on Taurus also suggested the installation of static collectors in the rear. This is P.N. F4PZ*18938*A Spring Assembly. Two of these were installed, with a notable difference. They had to be modified to fit the Contour since they were designed for Taurus. (They ought to design a set for all their vehicles!). In the few days that I have had the car, the static problem has been reduced. Instead of a random discharge noise, which can be continuous in some instances, the static is lower pitched and corresponds to wheel revolution. The problem is still bad on 700 mhz and below but much better on the higher end where I do most of my listening. It is far from perfect and still inferior to the Delco. I did wind up with new tires (slightly cheaper than the originals) and the original set, which had 9000 miles. All of this was at no charge and I hope Ford got stuck with it all, including the \$500 car rental.

So, one must be ever vigilant against the constant encroachment of our electromagnetic environment. Thoroughly test out the car radio and demand satisfaction when performance is inadequate. Prepare documentation that is easily sent to *Consumer Report*, auto review mags, etc. if the dealer and the company are balky. I would be interested in hearing from any of you with similar stories. Have fun and good listening. (Seems like I heard of one similar case in which improper design of the radio antenna resulted in static buildup due to wind resistance and static discharge. An addition of a knob or something obtained satisfactory results - pls.)

Dave Schmidt - P O Box 11502 - Wilmington, DE 19850

This is everything through 11/13; looking for your support to the column once again. We missed our re-intro Musings this season but would like to kick off the 'regional' Muses each month, start with December and the Northeast, January the Southeast, February the Midwest and West. Send in your reports! 73's

Dave Schmidt midatrad@aol.com
P. O. Box 11502
Wilmington, DE 19850-1502

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

ANARC Report from Mark Meece

EXECUTIVE BOARD ELECTIONS - 1998

Elections for the 1998 ANARC Executive Board are now complete. This year we had 8 nominations for 3 seats, quite a nice turnout. I want to thank the eight candidates who volunteered to run for the Executive Board. Your enthusiasm and dedication to the hobby are greatly appreciated by everyone. This year 15 of our 17 member clubs participated in the voting which represents 88% of the eligible votes, well up from last year's 69%. Only DXAS and MVDXC were not heard from. Thanks to all who participated; each vote is of utmost importance.

Congratulations go out to George Zeller who joins the Executive Board for the first time and to Messrs. Cone and Meece for their re-election. Here are the results of this year's Executive Board elections:

Mark Meece	-	37
Harold Cones	-	30
George Zeller	-	27
Skip Arey	-	17
Paul Swearingen	-	17
Pat Murphy	-	9
Ernie Wesolowski	-	8
Stewart MacKenzie	-	4

Sadly we must say good-bye to "Uncle Skip" Skip Arey. Skip's input and ideas have been invaluable over the past two years. His service has been essential to the growth of both ANARC and our hobby. I am sure I will still call upon him for his knowledge and guidance.

MEMBERSHIP DATA

Here is this year's breakdown on membership numbers by club. This is from information received during the collection of dues for 1997.

CLUB	1997	1996	Incr/(Decr)
A* ^C E	193	232	(39)
AO SC	621	751	(130)
ASWLC	180	200	(20)
CIDX	197	293	(96)
CUMBRE DX	50		-0-
DECALCO	89	77	12
DXAS	139	142	(3)
IRCA	234	260	(26)
LWCA	472	521	(49)
MDXC	27	28	(1)
MVDXC	56	60	(4)
NRC	784	795	(11)
NASWA	1,196	1,430	(234)
PiPa	40	70	(30)
PNBCDXC	31	30	1
SCADS	12	15	(3)
WTFDA	268	300	(32)
Sub-Total	4,589	5,204	(665)
CHRS	-0-	320	(320)
TOTAL	4,589	5,524	(985)

Membership with the California Historical Radio Society (CHRS) was terminated after a year of hearing no communication from them.

This year we welcomed Cumbre DX into the ANARC family. As their club continues to grow, so will ANARC. As a whole 1997 continued with an attrition to the hobby in general. This year only two of our clubs showed growth. I have been through countless discussions on why the hobby has lost so many people over the past several years, so I really don't want to rehash that here. I also don't want to make any predictions for the coming year. We can hope that as Solar Cycle 23 continues its upward trend we will see a renewed growth in the hobby.