

dx news

the magazine of the National Radio Club



VOLUME 12

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NUMBER 1



"I simply cannot imagine a
BCB DX'er belonging to any
other DX club than the NRC."
(Bruce Winkelman, Man, W.V.)



ON THE INSIDE.....

- A Review of the Dymek DA-3 Antenna - Pete Taylor
- More Thoughts on Beverage Antennas - Wes Boyd
- Latest NRC Night Pattern Book Updater - Wes Boyd
- Supremacy Ratings (Foreign) - Norm Maguire
- Verie Signers - Ernie Cooper
- Info on Thanksgiving Get-Togethers on Both Coasts - HQ & IRCA HQ

NEW MEMBERS

- * Robert Galerstein, 51 Fall Lane, Jericho, NY 11753
- * Dave Solomon, 191 Countryside Lane, Williamsville, NY 14221
- * George M. Semko, 46 Arcade Ave., Buffalo, NY 14226
- * Richard Bessette, 706 Polk St., Apt. 57, San Francisco, CA 94109
- * Mahlon F. Stilwell, 646 Ridgely Ave., Annapolis, MD 21401 (re-joins)
- * Robert W. Calhoun, Box 94, Gering, NE 69341
- * Ira Green, 2530 Vera Ave., Cincinnati, OH 45237
- * Eric Havemann, 71 Madison St., Pequannock, NJ 07440
- * Richard Eckman, 1611 E. Mt. Pleasant Ave., Philadelphia, PA 19150

RENEWALS

T. Revere, B. Schultz, C. Washburn, G. Atkins, L. Ryden, D. Williams, J. Oldfield, A. Garcia, M. Bay, G. Cooper, B. Portzer, E. Shetter, W. Schneider, D. Prather, V. Jaar, B. Lawrence, G. Holland, D. Reynolds, R. Schiller, W. Greenwell, J. Janecko, D. Haggatt, D. Ferguson, R. Moore.

Our greetings to the new members listed above. If you live near one or more of them, please contact them and welcome them to the club! New members, why not send an introductory musing to ERC ???

WE EXTEND OUR SINCERE CONDOLENCES to member Richard Clark, whose mother passed away on October 6.

FLASH TIPS & SUCHLIKE

KKAA-1560, Aberdeen, SD has been heard well. Notes or calls from Schmidt, Kramer, Dailey, the latter noting that the v/s, Bard Kallestad, is interested in DX'ing. Frank is trying for a special TEST. Karl Forth notes that WKDC-1530 in Elmhurst, IL is on. Page Taylor of HQ, who knows relatives of the station's owners, says they expect RS quite soon. Call letters stand for the first initials of the first names of the owners' three children. Non Sibbitt (also a member) is the new CE at CKJD-1250 Sarnia, Ontario, per Skip Dabelstein. A DX TEST is arranged. Karl Forth also reports that WTKN-1390-MS has its f/c on the 2nd Thurs. from 0200-15, per verie. Bob Kramer reports that KWLA in Many, LA is now on 1400, ex-1530. The f/c will be continued on the same sked as for the old channel.

Ron Schatz reports these LA notes: PJA6-925, PJC2-855, & PJD2-1295 are all unheard for some time. Previous reports have indicated that these may all have moved to even channels, though Ron hasn't heard them yet. Also, CMCA-820 is absent of late. Two new Colombians, per Ron, are HJNN-1170, Cartagena, ID'ing as L.V. del Pueblo de Cartagena & Ecos del Boca Grande'; and HJZV-1020, Monteria, R. Panzemu', 10 kw.

C. P. C. TEST SCHEDULE

WEDNESDAY	OCT.	14	-	0200-	* KDDD- 800	* Dumas, TX	250 D	NNRC
FRIDAY		18	-	0330-0415	* CKJD-1250	* Sarnia, Ont.	1000 U	NRC
SUNDAY		20	-	0100-	* WMOP- 900	* Ocala, FL	5000 D	NRC
WEDNESDAY		21	-	0308-0500	* KGHO-1560	* Hoquiam, WA	1000 D	NRC/IRCA
MONDAY		28	-	0200-	* KHYM-1060	* Gilmer, TX	5000 D	NNRC
			-	0308-0500	* KGHO-1560	* Hoquiam, WA	1000 D	NRC/IRCA
WEDNESDAY	NOV.	04	-	0300-0330	* WLOR- 730	* Thomasville, GA	5000 D	NRC
			-	0330-0400	* KHUB-1340	* Pressport, NE	500/250 U	NRC
SATURDAY		09	-	0205-	* WTAW-1150	* College Sta., TX	1000 D	NNRC
MONDAY		11	-	0230-0330	* KDLT- 540	* Delta, UT	D	NRC
			-	0300-0330	* WTKM-1540	* Hartford, WI	500 D	NRC
FRIDAY		15	-	0000-0100	* WERA-1590	* Plainfield, NJ	500 D	NNRC
WEDNESDAY		18	-	0500-	* KQXI-1550	* Arvada, CO	100w D	NNRC
TUESDAY	DEC.	03	-	0645-	* KRME-1460	* Honda, TX	500 D	NNRC
MONDAY	JAN.	06	-	0200-0400	* WIMS-1420	* Michigan Cy., IN	5000 D	NNRC
			-	0200-0550	* WACE- 730	* Chicopee, MA	5000 D	NNRC
MONDAY		20	-	0130-0200	* WFAW-1470	* Farrell, PA	1000/500 U	NNRC

* * * * *

DETAILS:

- KDDD-** No program details. Address reports to Box 555, Dumas, 79029. Arr. Larry Ledlow, NNRC.
- KGHO-** Will begin one minute following KPMC's s/off w/ SSB. TT, rr & ID's w/ possible CW ID's will follow. V/s: Bill Hardy, KGHO, 31st & Bay, Hoquiam, 98550. Arr. Bill Hardy, NRC/IRCA.
- KHYM-** No program details. V/s: Larry Petty, CE, KHYM, Gilmer, 75644. Arr. Larry Ledlow, NNRC.
- CKJD-** Will use both patterns, some TT. Reports to Ron Sibbitt, c/o CKJD., addr. as in log. Arr: Sibbitt/Dabelstein, NRC
- WMOP-** No program details. V/s: E. Wayne Long, addr. as in log. Arr: Dabelstein, NRC.

NOTES &c FROM NJPC

CONGRESS HAS APPROVED AND THE PRESIDENT HAS SIGNED A BILL AUTHORIZING A RETURN TO STANDARD TIME FOR THE PERIOD FROM 0200 LT 10/27/76 THRU 0200 LT 2/23/75. ALL DOMESTIC SECTIONS IN DXN ARE ELT BY DEFINITION, AND AS SUCH WILL SWITCH FROM EDT TO EST EFFECTIVE WITH THE ISSUE FOLLOWING THE TIME CHANGE. TO SIMPLIFY MATTERS, WHATEVER IS HEARD BEFORE THE CHANGE SHOULD BE SUBMITTED AS EDT AND AFTER, EST. MORE ON THIS NEXT ISSUE.

At this time, we wish to emphasize that the numbers listed for NRC phones are for business of the club or hot tips ONLY. During the past few months certain members have been using them to ask us to ID all manner of stations, and just to gab. By doing so, they tie up the lines for more legitimate club business, as well as the time of PT & RJE. If you need help with UNID's either be more patient, or call someone in your immediate area, not an HQ phone line. While we're on the subject, 838-5721 should be used between the hours of 1800-2200 ELT only unless something earth-shattering comes up. We'll accept calls up to 0000 ELT on 335-9182, but otherwise the same guidelines apply. After those hours the phones won't be answered unless we happen to be up there. Use CONSIDERATION & MODERATION.

international dx digest

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Phone 703 - 354 - 2135 before 2200 EDT * All Times GMT * Deadlines are Saturday

Deadlines for all weekly issues are Saturday, 9 days before publication date.

New stations, changes, schedules, etc. . . .

ALBANIA Unid station formerly on 1165 is now on 1163 khs. (Sunspot)

ANDORRA Radio Atlantic 2000 operates in French on 1097 khs with 15 kw, 0630-2200. Address is P.O. Box 38, Andorra la Vieja. (Sunspot) This program was formerly carried by one of the Spanish stations on 1097 khs. From the item it seems that they now have their own station in Andorra. (ED)

ARGENTINA Radio General Madaringa on 840 khs and Radio Provincia de Buenos Aires on 1270 khs are now 50 kw. IN7, Radio Catamarca on 730 khs is now using the slogan Radio Felipe Varela. (Sunspot)

AZORES A new station at Horta-Paial is on 1367 khs with 1 kw. (Sunspot)

BULGARIA New stations are Dulova and Smoljan-Bardjali on 701 khs and Sglistra on 728 khs. Powers unknown. (DCWCI)

CZECHOSLOVAKIA Several new stations are on the air on 1016 khs. They are Nitra, 30 kw; Hlavavska Sobota 30 kw; Bratislava, 6 kw; Hradec Kralove, 6 kw; and Kosice, 2 kw. There is also a new station on 1214 khs, location unknown. (Sunspot)

EGYPT New stations: Sohag, 1421 khs, 30 kw; Minia, 1475 khs, 10 kw; Mersa Alam, 1586 khs, 20 kw; Baviti, 755 khs, 5 kw and Luxor, 1304 khs, 5 kw. (Sunspot)

FRANCE Nantes on 1349 khs and Angers on 1493 khs are now off the air. A new sta is Lille on 674 khs with 1 kw. (Sunspot)

HAITI According to a schedule from Radio Lumiere, the relay at Artibonite is on 700 khs, not 720. Also, if I read the schedule right the last hour of programming each day is in English, 0300-0400. Program is Back to the Bible. (ED)

IRAQ The Arabic Home Service is sked 0225-2330 on 692 and 908 khs. (DCWCI)

MALAYSIA Two new transmitters of 20 kw each are currently being installed at Mersing by Sparta Electronics. Frequencies are 1055 and 1310 khs. (Wes Boyd)

MALTA The Malta Broadcasting Authority is currently on 998 khs, 0900-1100 and 1530-1730 (1830 Sunday). There are also test broadcasts on 755 khs from 0700-1000. Eventually there will be programs in English, French and Italian. (NZEKRA)

SYRIA The Syrian Broadcasting and TV Organization is building a 750 kw transmitter at Deir-Ez-zor. (SUNSPOT)

Also from Broadcast Engineering, via Wes Boyd comes word that at least one of the new Independent Radio stations in England is using a 4 tower directional antenna. This is Birmingham on 1151 khs. This is the first 4 tower directional array used in Great Britain. I would appreciate it if one of our members in the UK could give us a list of the Independent Radio stations that are on the air. Thanks.

Condix have been lousy the past couple of weeks. TAs almost non-existent, several evenings very Auroral but noise level remains fairly high. Phone call from Bob Foxworth indicates that the evening on 9/9 was one of the best TA openings that he has noted in the past year. Anyone hear anything interesting around that date? Or did everyone else miss it? let us know if anything interesting was heard.

And now, whats actually being heard

A few longwave items from Charles Clayton.

- 218 -MONACO Radio Monte Carlo in strong between 2259-2305 on 9/14. Euro-style time signal 3 seconds out from WWV; followed by orchestrated IS and into news in FF. Some QRM from 220.
- 236 -LUXEMBOURG Radio Luxembourg in fair to very weak between 2315-2330 on 9/11; mx consisting of upbeat MoR and moderate rock, signal quality worsened steadily with severe QRM to fade at 2330.
- 251 -ALGERIA RTA Tebassa French Network programs w/rock and upbeat MoR format & a lot of mx segued, sound quality good, signal quality very good to local strength between 2330-2345 on 9/11. Sideband played havoc with semi-local beacon CAT on 254.
- 570 -COLOMBIA HJND Radio Nacional, Bogota; 9/25, w/pop mx 0220+, 0230 & 0240 between mx selections. Very steady sig almost totally o/WMCA, but w/slight, fast, flutter that slightly garbled audio. New. (Sundstrom)
- 572 -COSTA RICA (?) Very weak SS at 0430 9/25; nothing on 575 so maybe a drift from there; off at 0457:30. (Hauser)
- 640 -CUBA CMQ Radio Liberacion, Havana, 25 over S9 at 0400 on 9/25 with La Voz de Cuba. (Hathaway)
- 648 -USSR Far East Service logged from 1024 to 1050 w/Radio Moscow ID at 1030 on 9/23/74. (Wilkinson) List from NZDXRA says Iman is here with 50 kw. As far as I can tell from coordinates given with list this is somewhere near Verkhoyansk which doesn't make much sense since they are on 656. I can't find Iman on map. Maybe Verkhoyansk has moved here to get away from the Korean on 655 ? (ED)
- 660 -HAITI 4VUE Radio Lumiere, Port-au-Prince heard s/on on 8/17, 0959-0606 in FF, // 760. (Sundstrom) Reporter for this was Ron Schiller, not TRS. Sorry!
- 680 -COLOMBIA HJBU Radio Nacional, Zambrano; 9/20, time pips to hour, ID 0200, then into mx. Good atop freq, but other IAs audible underneath. Zahner (NNRC) asked me about unid IA he's heard on 681, but has not been noted here yet. HJBU new. (Sundstrom)
- 692.4 -COLOMBIA HJGZ La Voz de Colombia, Bogota; 9/20, t/in 0205 w/all talk, cont. w/2nd male announcer to several consecutive IDs and anmts 0230. Off listed 690, a super signal out here in the open. New. (Sundstrom) Noted here nightly w/fair to excellent sig. Logged for report 10/2 at 0005, romantic IA mx, complete ID giving MW and SW frequencies. (ED)
- 699A -DOMINICAN REPUBLIC HDIC Radio Mao, Valverde. As long suspected the source of the het on WJW is this one. Finally enough audio for ID on 10/2 at 0015. Mostly romantic IA mx, IDs between most records. Signal fair at best. (ED)
- 700 -UNID 9/29 1205 man talking in unemotional tone in seemingly oriental language. Quite weak, but no one else on channel. (Gleason)
- 720 -CHINA Radio Peking logged from 1216-1243 on 9/23. (Wilkinson)
- 725 -SURINAM SRS Paramaribo good 9/24 0926 w/native singing, but anmts at low level; enjoying absence of TVI while I can; all-night TV has come to Okla., one night a week. (Hauser) This one is noted in the evenings w/EE programs, many ads for businesses in Georgetown, Guyana. Signal is usually good, but modulation level varies from evening to evening. (ED)
- GUATEMALA TGN Guatemala City, 8/27, through HJCU QRM, 0812-0829 SS, some EE records, "Radio Cultural". (Schiller)
- MEXICO Mexico, DF, 15 over S9 at 0355 9/26, La Voz de Mexico. (Hathaway)
- 740 -VENEZUELA YVNC Radio Maracaibo, Maracaibo 8/6 w/0900. (Schiller)
- 760 -HAITI 4VI Radio Lumiere, Cayes, 8/17, //660 but 0959-0606 FF. (Schiller)
- 790 -DOMINICAN REPUBLIC HIL La Voz del Tropico, Santo Domingo. 8/6, s/on @ odd time of 0910, local WFUN off! WTAR/KULF QRM. (Schiller)
- 810 -BAHAMAS ZNS3, Freeport. Local but not as strong as when on 1060. (Schiller)
- CHINA Radio Peking (?) in // to 835 khz at 1219 on 9/22. Couldn't hold. Too much fading. (Wilkinson)
- 820 -SOUTH KOREA/CHINA HLCN Kwangji and Radio Peking battling at 1240 on 9/22. Korean stn had a sporting event. (Wilkinson)
- 830 -UNID 9/29 1231 w/man in oriental type language, rapid talking. (Gleason)
- 834 -BELIZE Radio Belize, Belize City 10 over S9 at 0449 on 9/27. (Hathaway)
- THE SEASON IS HERE, LETS HAVE YOUR REPORTS! KEEP NRC NUMBER !!!!!!

- 835 -CHINA Radio Peking logged from 1133-1158 on same morning, 9/22. Not // to 1040 khz. Sent both reports to Radio Peking although 835 station is supposed to be in Kiangsi (?) (Wilkinson) / (Wilkinson)
- 840 -SOUTH KOREA HLKY Seoul logged from 1241-1302 on 9/22. Good ID at 1259:50.
- 844 -GILBERT & ELLICE ISLANDS Tarawa, 9/24 0929 carrier, bits of talk, presumed this. (Hauser)
- 845 -ITALY RAI Roma 9/15, bits of audio, mx 0445+ thru noise level of local SCR switch, other audio/hets on 1602, 1554. (Sundstrom)
- 850 -GUATEMALA (Harmonic) TGK Radio Giro's, Guatemala City still regular on 2 x 850 = 1700; particularly good on 9/24 at 0906: dance mx, SS, CST, ads, SINPO 34253; talks about Yucatan, piramides; 0918 Radiofiesta Mexican program, TC "en Giro's", 0921; strength equivalent to the widely heard Guat beacon RAB-1613; also noted 9/23 at 0555. (Hauser) / (Hathaway)
- 860 -DOMINICAN REPUBLIC HILR Radio Clarin, Santo Domingo, 5 over S9 at 0512.
- 875/ -NORTH KOREA Wonsan (?) logged from 1054:30 to 1130:15 on 9/23. Sent report to Radio Pyongyang. Had lively oriental mx program at 1242 on 9/25. (Wilkinson)
- 876 -CUBA CMHD Santa Clara; 9/20, presumed to be this one by loop / kinson
- 890 bearing SW as opposed to S, o/WLS w/"Radio Musical Nacional" ID at 0000, male announcer, pop mx. New...like 1040, always difficult to pull discernable audio from usual clutter of IAs here. (Sundstrom)
- JAPAN JOHK Sendai getting to be a regular here after 1145. (Wilkinson)
- UNID 9/29 1235 w/man and woman speaking in oriental language in a conversational tone. Musical bridge 1236, more talk interspersed w/mx, so perhaps drama? Some WLS and an unid IA. Same loop bearing as 830. (Gleason)
- 900 -MEXICO XEW Mexico, DF, S9 at 0353 9/27; sent third report. (Hathaway)
- 910 -HAITI 4VRMN Radio Nouveau Mondo, Port-au-Prince. 8/6, 2357-0000 EE w/EE rock records. Strong! (Schiller)
- 940 -MEXICO XEQ Mexico, DF, S8 at 0313 9/28; sent second report. (Hathaway)
- VENEZUELA YVNN Radio Punto Fijo, Punto Fijo, 4/13, s/on 0957-1012, giving local WINZ a good run. (Schiller)
- UNID Feel that oriental w/S5-6 signal at 1205 on 9/23/74 was a Radio Peking outlet. Will follow up. (Wilkinson)
- 944 -HONDURAS HRYW Radio Panamericana, Tegucigalpa in fairly clear w/fair signal strength w/IA easy-listening mx, ID by male announcer, and vibraphone IS from 0515-0520 on 8/23. (Clayton)
- 995 -ECUADOR HCEB2 Radio Suceso, Guayaquil, 6/27 and many evenings, 0106-0120, some EE records. (Schiller)
- 1016 -TURKEY Istanbul, new 1200 kw station taped after phone tip from Gordon Nelson. Taped 9/12 0137-0202 tuneout on top of channel w/only evidence of Germany being a 1 hz SAH - At 0159 had Turkish anthem (as identified by Nelson and Bill Bailey) and at 0200 a 6 beep IS. (Moore) Phone call from Bob Foxworth indicates that he and Richard Wood both heard this one on 9/10 at 0010 with very strong signal. They thought it was the Moroccan with increased power. (Foxworth)
- 1020 -UNID Oriental here w/strange mx and language at 1138, 1146 and 1158 on 9/25. Any ideas? Will pursue this one for sure. Loop about 10 degrees off from full bearing to Japan, Korea, etc. (Wilkinson)
- 1040 -CUBA CMEN Radio Caribe, Nueva Gerona, Isla de la Juventud; 9/19 w/talk 0250+, complete ID including Radio Caribe and liberated territory of Cuba (ho-hum, the stock SW ID slogan) at 0319, back to talk. First discernable IA here since a logging of TGKA on 9/12/62. Super signal and hard to believe just .25 kw per RFS list. (Sundstrom) Noted nightly this past week, very strong signal. Just has to be more than 250 watts. I even sent them a report, only the second Cuban I've bothered to report. (ED)
- 1055 -COLOMBIA (?) (Harmonic) A station playing nonstop mideast or Greek mx noted 9/23 at 0340 on 3163 khz; are any of the Colombians known to do this, making this a 3rd harmonic? Or, it may be a fundamental. Brief announcement by YL at 0434 s/off in what sounded like Greek. (Hauser) / (Sundstrom)
- 1080 -VENEZUELA YVQJ Radio Barcelona, Barcelona; 9/19, SS talk and mx 2320+, @ 2330 unreadable, mx to 2340, extensive "Radio Barcelona" ID w/fanfare and flourish, anmts, then into a series of statements punctuated by chimes and a "Radio Barcelona". Excellent for 3-5 minutes at a time, way o/WTIC. New.
- 1100 -ANTIGUA ZDK St. Johns, logged from 1101-1122 on 9/22 when it faded out completely. (Wilkinson) * 9/19, noted w/ad for private school, ID and TC 2346, into mx, no sign of WWWE. (Sundstrom)

- 06
1116
1125
- VENEZUELA YVFX Radio la, Valencia, 8/11, 0825 atop. (Schiller)
 - COSTA RICA TISRRB Radio Capital, San Jose, ID 0321 9/20, Colombian dance orchestra. This is the strongest regular CR here; splits above 1100 khz may start to disappear, however, as the latest official list shows 20 rather than 25 khz separations to accomodate more stations! (Hauser)
 - 1130 3-UNID La vocal mx heavily hetting 1130 9/30, 0918. (Hauser)
 - 1163 -UNID IA mx noted here in quick scan 0315 9/20. (Hauser) Likely the HR. (ED)
 - 1170 -UNID KVOO runs OC MM 9/23 0500-0600; at 0555 an SS station under, may have mentioned Super; news. (Hauser)
 - 1210 -HAITI 4VDS Radio Progres, Port-au Prince 0946-0958 in FF (not on "Cubatién List"). (Schiller)
 - JAPAN JOOR Osaka has good musical and comedy programs after 1215 most mornings. Also baseball games at times a bit earlier. (Wilkinson)
 - PANAMA HOE91 Radio Diez; Page Taylor helped me to identify this from a tape I played over the phone. Was playing IA MoR and upbeat mx. ID by Male announcer included a time check; picked up between 0350-0354 on 9/19, in mull of WCAU. (Clayton)
 - 1230 -BERMUDA ZEM1, Hamilton. 9/10, surprised to find atop 0946-0951 mentioning TV Channel 10 and giving time in Atlantic Daylight Time! (Not heard since the old 1235 days in NJ). (Schiller)
 - 1241 -DOMINICAN REPUBLIC HIAU La Voz de la Libertad, Puerto Plata; 9/20, picked out ID 0301 for tape file, amts, band type mx 0303+. At peaks, quite good, very strong het on 1240 GYS. Noted throughout evening 9/24 & 9/25 (0100-0300) as well. Good IA condx almost all week except 9/23. (Sundstrom)
 - 1265 -ST KITTS Radio Paradise logged for the record w/gospel mx 9/25 0205. (Hauser)
 - 1290 -CUBA CMKS Guantanamo. 8/11, s/on 0901, not as strong as AFRTS-1340. (Schiller)
 - 1330 -HAITI 4VW Port-au-Prince. 6/5 and many mornings since, s/on 0958 w/anthem and handbells. (Schiller)
 - 1340 -BERMUDA ZEM2 Hamilton. 8/18, old friend not heard in 10 years, accented EE and US pop records. (Schiller)
 - GUANTANAMO BAY AFRTS. So often heard here, particularly on Sun and Mon AM that you guys in SE US might look for 'em. NSP and they play pop, rock, some jazz, w/frequent PSA type announcements or ads pertaining to insurance, pension plans, etc. Strictly military audience geared. Claim they've been heard on Florida EC often on MM. Try! (Schiller)
 - 1390 -PUERTO RICO WISA Isabella. 9/10, unnn but s/on 0933, fairly weak. (Schiller)
 - 1410 -MEXICO (Harmonic) XEAS Radio Juventud, Nieve Iaredo, Tamps, on 2 x = 2820 9/25 SS IMSS PSA, CST, SAH w/another harmonic; 0100 Iaredo Tejas ad; still 0200, tho interrupted by FSK intervals overriding. (Hauser)
 - 1430 -CUBA CMKZ Radio Baragua, Palma Soriano, 6/2 s/on 0903. (Schiller)
 - 1445 -NETHERLANDS WEST INDIES PJP1, Saba. Frequent evening and pre-sunrise visitor here, low modulation. Particularly strong 8/18, w/EE C&W records (!) and Chase Manhattan Bank ad. (Schiller)
 - 1460 -MEXICO (Harmonic) Hora Nacional 9/23 0414 //900; weak; on 2920 khz. Likely XEYC, Juarez, previously heard on 2920. (Hauser)
 - 1475 -MALAYSIA Kota Kinabalu made its first appearance with good volume in ever two weeks at 1228 on 9/25. (Wilkinson)
 - 1495 -UNID Many evenings, weak SS. Dominican? (Schiller)
 - 1500 -MEXICO XERH Radio Tricolor, Mexico DF, s/off 8/27, 0801. (Schiller)
 - 1520 -PUERTO RICO WRAI San Juan, 8/27 @ 0755 in EE and recent evenings EE US rock at 2330. (Schiller)
 - 1540 -BAHAMAS ZNS1, Nassau, on 9/23 from 0620-0730 w/KKEL off. EZ listening mx w/time checks, very soft voiced announcer. Fair level during the period w/a little splatter from KKJO on 1550. ID as "The Bahamas Radio Network on frequencies of 1540, 1240, 1060". (Zook) Apparently Nassau doesn't know that ZNS3 moved to 810, hi. (ED)
 - 1554 -FRANCE ORTF Nice; 9/15, is anyone else on 1554 as well? Io-pitched het noted 0405-0430+, audio, could not be separated on SB-620 or w/q-multiplier, loops more or less in that same direction. (Sundstrom) Het is from IA that has been here for quite a while. I think it is a HJ but RFS says HC. (ED)
 - 1561.5-DOMINICAN REPUBLIC HIPZ Radio Pedernales, La Voz de la Frontera, Pedernales. This is the source of the het on WQXR. Noted 9/29, 0015-0100. Quite good at times but severe fading. Many IDs using both slogans. Upbeat IA mx. Het has been noted for several months, but this is first audio. (ED)

1570 -UNID Feel that oriental w/S6 signal at 1304 on 9/23 was another Radio Peking outlet. Will also follow up on this one. (Wilkinson) HIDA with 250 kw also a possibility here. (ED)

Thats it for the loggings. Now for a few veries. All are from Ron Schiller except where noted.

- 720/770 JAMAICA RJR. Pretty QSL back in two weeks from W. Matthews, Chief Engineer. 550/720/770 easy here.
- 725 -SURINAM PZZ26, SRS Paramairibo. F/up produced big, multicolored QSL plus a photo of the station. Signed by the director. Illegible.
- 730 -MEXICO XEX letter from Lic. CTI Jorge Galina V., Director de Continuidad. 810/960/1010 COLOMBIA Sutatenza Net, HJCY, HJHN, HJGJ. Letter and (Hathaway) folder about Sutatenza from Sara Georgina Zamudio C., Secretary.
- 830 -VENEZUELA YVLT Los Teques. V/l from Ramon Arreaza Vivas, Adm. as a result of f/up.
- 930 -DOMINICAN REPUBLIC HICK Santiago. F/up brought v/l from Roque Candelaria llenas, Dir.-Frop.
- 1125 -COSTA RICA TISRRB Radio Capital, San Jose letter from Srta. Ana Lorena Alpizar Monge, Secretaria Correspondencia Exterior. (Hathaway)
- 1220 -COLOMBIA HJFV Radio Quince, Barranquilla. #11 Colombia for me. Long friendly letter from Jose Daniel Sanchez, Dir.
- 1340 -HONDURAS HRH6, San Pedro Sula. Friendly letter and beautiful 4 color pennant from Radio El Mundo, says 10000 watts, v/s Heleodora Calix S., Secretaria-ejecutiva. First Honduran and country #81, mailed 2 days before Hurricane Pifi ran thru there, 4 days air to receive.

The reporters for this issue . . .

Charles CLAYTON - Adelphia, New Jersey IW: Grundig Satellite and Clayton Loop,
Bob FOXWORTH - Mineola, New York HQ-150, FET altaz loop /NW: HEB9, SM2
Dave GLEASON - Scottsdale, Arizona R390A/URR, Sanserino loop
John HATHAWAY - Champaign, Illinois Hx ???, SM1
Glenn HAUSER - Enid, Oklahoma HQ-160, SM2, LW's
Ray MOORE - Walpole, Massachusetts Homebrew rx, 40" FET loop, LW, Beverage
Ron SCHILLER - Lighthouse Point, Florida HQ180C, R390, SM2
Tom SUNDBROM - Millingboro, New Jersey HQ-150 w/SB620, SM2; DX150A, HQ140X, LW
Hank WILKINSON - Santa Rosa, California HQ180, Sanserino loop
Neil ZANK - Lincoln, Nebraska HQ160, SM1
ED - Me, HQ180A, SFR4, HQ129X, 36" FET loop, SM2
DSWCI - Danish Shortwave Clubs International
NZDXRA - New Zealand DX Radio Association
Sunspot - Bulletin of the Finnish DX Club

Thats it. If you're hearing any DL, REPORT! Your name belongs in the above list.



DOMESTIC X DIGEST



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Welcome to the dAN mYERS fan club; for lack of a more insipid name.
r c's
NOT HEARDS:: (BW)
2nd. MM:: WNOB 840--WNYR 680 (SHAFT) 4th. Th:: WAZA 1360-KLLA 1570-WJFC 1480
HEARD::
2nd. MM:: WCAZ 990 w/ 1K TT (Shaft)
2nd. SAT: KCHA 1580 (KDF)
3rd. MM:: KVKY 1150 w/ 1K TT & many IDs (WM)
3rd. Fri: WTVL 1490 w/ 1K TT 0028-0035 (RM)
*4th. MM:: WCBG 1590 w/ 1K TT & ID at open & close (DS)-(FD)WLDY 1540 (JS)
4th. TU:: WGUS 1380 w/ 1K TT (DS)
4th. TH:: KRGI 1430 w/ 1K TT (JS) WTHB 1550 w/ 1K TT (BW) WHIY 1530 w/ dt
way u/ WCKY (JS) WIYN 1360 w/ 1K TT & 1 min. IDs (BW)
1st. TU: WIOS 1480 w/ 1T & C&W-2 min. IDs (JS)
sunset & evening
580 WCHS WV 9/9 Noted this 2035 w/ Cincinnati BB (Shaft)
620 WWSN FL 9/10 This thru WHJB/WHEN 2114 (HJH)
WHEN NY 9/10 In well 2119 w/ election returns (HJH)
WHJB PA 9/10 Noted this fair/poor 2122 (HJH)
+710 WQBX VA 9/30 Newie on ET or maybe RS..1855-1902 w/ RR, JX ID, & more RR.
was o/ WOR/CJRN in CHYR null (HWB)
820 WOSU OH 9/26 W/ N.P.R. pgms., & ID 1927 mention University Radio (PMM)
900 WKVW VA 9/11 Good w/ C&W 1930, first time on new call (HJH)
920 WMEC FL 9/23 Briefly atop local WJAR w/ Ads at 2014 (PMM)
940 WFNC NC 9/11 In/out 1927, signal fair/poor (HJH)
WMAZ GA 9/24 Hrd. 1937 w/ "Newsbreak PM" (PMM)
WINZ FL 9/23 Atop 1930 w/ tele-talk sports show (PMM)
950 WLOF FL 9/18 Noted o/ WPEW 2007 w/ ID (PMM)
980 WRC DC 9/18 Briefly hrd. 2035 w/ nx, ID (PMM)
990 WVSC PA 9/24 S/off 1730 mentions FM & a 7AM s/on (FD) 9/26 WIBG not hrd.
1903-1930, this o/u WNRV to 1930 s/off (RM)
WNRV VA 9/24 O/u WVSC w/ Ads for WV stores, location midway between
Narrows/Petersburg on Rt. 100.-hrd. 1914-1930 (RM)
KWAN TN 9/17 In w/ Mutual nx, then Soul mx 2000 (PMM) Gospel maybe-HWB
1000 WKDE VA 9/27 S/off 1932 mentions FM & WBTX-WCRE- & WDAR as part of the
Altavista stations. (FD) 9/27 This 1920-1932 s/off w/ C&W mx, ran
"Day by Day with Jesus" before simple "good night" s/off (WM)
UNID ?? 9/19 Backwoods anncr. w/ 1944 s/off after "AMERICA the Beautif-
ul"..Any ideas?? (WM) No---HWB
WRAR VA 9/27 Surfaced for Ads 1915 then s/off w/ FM on 105.5-No SSB(RM)
WVOV AL 9/14 Exclt. w/ PB scores & RR 1951-1957, faded back 2000 for
s/off o/ UNID w/ mention 5KW in s/off (WM) UNID be WQTY AL---HWB
1050 WSMT TN 9/8 Good o/ WKLO slop w/ gospel album promo 1928-1930+ (WM)
1070 WAPI AL 9/17 W/ MOR mx, then into Garagiola at 1951 (PMM)
WKMB NY 9/19 Shortest s/off ever, "At this time WKMB concludes it's
broadcast day--Good Night"(TRS) Not the shortest-but close (HWB)
1110 WTBQ NY 9/11 Fair/poor w/WBT, gets out well for 250wt (HJH) time-???
UNID ?? 9/17 Hrd. a s/off using piano SSB, who?? (WM)
1130 WWCN IN 9/5 The COUNTRY GIANT o/ many UNIDS 1935-1945+ (WM)
WANG TN 9/12 Fair o/u WWCN w/ C&W 1932-1935+ (WM)
1140 WIXC TN 9/12 W/ ads for local furniture stores 1940 then s/off for
"Necessary Technical Adjustment" (WM) LIES---LIES---LIES---HWB
1150 WRUN NY 9/11 Loud w/ RR & female anncr. 1900-some deep fades (HJH)
1180 WLDL IL 9/12 Poor but clear 1950-2000 w/ EL mx, ID, nx-then really good
after 2001--Station #500 (WM) Congrats--HWB & JS
1190 WSML NC 9/23 No WOWO-this in nx 1923-1927 then s/off as "WSML Graham-
w/ studios on Ivy Rd.-Goodnight" (BW)
WIXE NC 9/23 After WSML s/off to it's 1930 s/off sponsored by a local
furniture store. Hrd. vocal "Until we Meet Again"(BW) Bleacch-HWB
1210 WAVI OH 9/3 Hrd. 1944 s/off w/ mention on unknown FM on 101.7 (WM)

1250 WTMA SC 9/17 This atop WTAE w/ RR 2214 (PMM)
1260 WNDR NY 9/11 Hrd. w/ RR 1848 as WWDC nulls to nothing here (HJH)
1270 WHLD NY 9/8 Signal fadey but good strength, hrd. to 1930 s/off (HJH)
CFGT PQ 9/4 Hrd. FF in mess, assume this as only FF here-2350. (SHAFT)
1280 WNPT AL 9/3 Good 2015-2019+ w/ MOR & wx, think still on 5Kw (WM)
1320 WVOJ FL 9/16 W/ UPI nx, sea wx, & C&W 2201 (PMM)
1350 WKXL VA 9/15 Now IDs as "X" & "Adult Rock"-2215, heavy HUH? (PMM) YUCKK.
WHWH NJ 9/24 Fair w/ lil' QRM, local nx, wx 1855-1900 ABC nx (PrM) 9/14
hrd. 1620 w/ MOR mx (SHAFT) (WM)
WYLS AL 9/7 Fair 2238+ w/ hurricane info & mx-ID as York/Livingston.
1360 WWBZ NJ 9/14 Hrd. 1637 in WDRC null w/ so-called soft rock (Shaft)
1390 CHOO ON 9/9 In WFBL null 2357, some mentions of AJAX & IDs as 14-CHOO
At first thought was a "14-Q" (SHAFT)
WEOK NY 9/14 Hrd. 1709 w/ Elvis sekections (SHAFT)
1400 WOND NJ 9/14 This 1722 w/ Ae nx, NJ mentions-good tape (Shaft)
1420 WACT AL 9/8 Good o/ WVJS w/ bulletin board 1946-1949+ (WM)
WCOJ PA 9/14 Hrd. 1734 running Downingtown FB game (Shaft)
1460 WXOK LA 9/18 Fair 2007 to ID 2014 & local Ads (WM)
1470 CHOW ON 9/10 W/ "Transmitter Turn on Contest" 2010, asked listeners to
guess when new xmtr. was on..slogan "See-HOW" (HJH) Original!!-HWB
1490 UNID ?? 8/30 Ron Swaboda show 2016, lumber spot 2021, DJ named McCarthy
w/ RR. Spots for garage at ATLANTIC & an ARCO on Rt. 22. This was u/
someone running Philly BB (PrM) Maybe WLDB & Rt. was 322--HWB
1530 WRBX NC 9/20 This new one for 1929 s/off (HJH)
WPWC VA 9/14 ex WQVA--Almost nightly w/ C&W format & the corniest JX I
ever heard (HJH) I assume youze ain't heard KTOE's jingles done by
left over high school cheerleaders---HWB
1540 WPME PA 9/20 Fair 1921 after WRCP's s/off (HJH)
*1520 WTLN FL 9/17 Got bits of s/off w/ SSB & mention FM on 95 (PMM) Time?
WCHE PA 9/24 S/off 1915 & plug "Equal Opportunity Employer" (FD) Would
have to be as Schmidt worked there once...---HWB
1550 WDLR OH 9/25 S/off-no SSB-noted 1945 thru CBE-Fair signal (TRS)
WMOO AL 9/23 Fair 1945-2000 w/ gospel to s/off w/ SSB (DEF)
WSER MD 9/13 W/ RR to 1857 s/off-gave pwr. as 1,000 wt. (SHAFT) So??
WIRV KY 9/24 Fair/Poor 1923-1945 w/ RR-auto spot & request # (DEF)
1560 WAGL SC 9/16 S/off 1930 w/ AMERICA--not SSB (BW)
1570 WBUX PA 9/24 S/off 1915 & mention of 500 wt. PSA pwr. (FD)
WSWV VA 9/22 Very poor w/ local paint store spot-Mention AM s/off of
1945 & FM s/off of 2300 (DF)
WYTI VA 9/17 In quite well 1921 w/ several local ads (HJH)
1580 WPGC MD 9/26 Hrd. w/ loud DJ, RR, music radio promo to 1915 s/off (PMM)
UNID ?? 8/29 Someone w/ SSB just after WPGC s/off 2000½ which was after
WHEX carrier cut--Often hrd, never IDed -- HELP (PrM) WCRV maybe-HWB
WBBR SC 9/18 Hrd. call in s/off 1943 (HJH) 9/17 Hrd, very weak at 1940
w/ s/off--no SSB (DEF)
WPUV VA 9/17 This in well for 1930 s/off (HJH)
WILA VA 9/17 Weak w/ s/off after WPUV-annct. by screaming DJ-refered to
station as "WILLA" (HJH) 9/30 Super loud w/ 1932 s/off-no SSB (JS)
WSRF FL 9/15 Good w/ RR 1934-2004 w/ "Capt. Billy Show" (DEF)
WLIV TN 9/16 Many spots 1946-59, Trading Post promo, Tenn FB, C&W (DEF)
WSKT TN 9/17 After gospel had s/off 1945, studios in Hotel Andrew John-
son (DEF)
WMTL KY 9/16 S/off 2000-no SSB-promo "New Sound Radio" on 104.9 FM (DEF)
WESY MS 9/16 Poor sigs. 2000-2010 w/ R&B, local Ads (DEF)
WAMY MS 9/16 W/ WLIV 1945-1959 w/ gospel. Promo pgm. "The Way" & s/off
mentions WAFM at 95.3--NO SSB (DEF)
WPKY KY 9/19 Ending s/off after WAMY/WLIV none 2000. Clear ID, no SSB-
Been after this since last winter (BW)
1590 WETT MD 9/10 Hrd. 2232 w/ C&W-Format change (Shaft) Every 10 min-HWB
1600 WUNR MA 9/4 This in null of local WRRL 2258 w/ R&B (Shaft)

Hey group, I don't like to be a fink but from now on I'm dropping tips without enough info to help another DXer log the station. Surely you hear something thats of "tip" value, & not just the "I heard it" stuff. Often info on who uses SSB, or who has an FM, etc. is very useful. Thanks muchly.

1240 WDUN GA 9/15 ID 0004 following mx, good level for tape (TRS)
 1250 WKYZ TN 9/16 fair w/SSB and s/on w/echo 0609, station #1300 (KDF)
 WFWA VA 9/18 w/C&W mx, DJ Johnny Adams 0237, even w/WTAE (PrM)
 1270 WCGE NC 9/16 w/auto spot 0525, local spots 0527, had S-B signal
 in WKYZ null, local WSPR not on 0530 or later but SS w/
 pipe s/on 0530 killed it, Cuban? (RM) Who knows? (JS)
 Unid ?? 9/5 w/CBS Mystery Theater 0032-0100, called WINT who said
 it was not them, no answers at other CBS stations (Shaft)
 WKYZ MI 9/5 finally heard w/MoR, other junkie and jingle 0040 (Shft)
 1280 WGSO LA 9/16 only station on freq 0313 w/beautiful mx & wx (KDF)
 9/23 w/MoR and many promos 0132 (PMM)
 WKST PA 9/21 noted AN again w/RR (JS)
 1290 WHIO OH 9/23 many IDs and ads and RR 0142 (PMM)
 +1300 WBLG KY 9/26 noted on past listed 0100 s/off w/wx, NBC mx (BW)
 1320 WKPQ PA 9/23 w/teletalk 0144, female anncr (PMM) This talk show
 is on XM only, rest of week is all RR (JS)
 KMAQ IA 9/7 poor but heard s/on 0701 (KDF)
 WVOJ FL 9/17 dominant w/UPI Nx to 0000, then s/off 0001 (WM)
 WCOG NC 9/17 mixing w/WKPQ 0002-0007+ (WM)
 1330 KPH KS 9/16 heard for first time since winter w/good signal 0143,
 w/WJPS and WFBC evidently both off (WM) See below (JS)
 WFBC SC 9/24 now back on AN-6 w/C&W, was RR last season (DS) 9/26
 w/Radio 133 promo 0131, then ads, AN-6 or MSP? (BW) AN-6
 WHOT PA 9/16 0536 good w/spots and RR (KF) 9/23 noted 0153 w/
 Big Al Knight Show (PMM) Both these people made crude
 remarks about dear old WHOT which will not be printed
 here. Look under your hood before you start your cars (JS)
 1340 WKEN TN 9/11 poor mixing w/WFIT, ID heard 0305 (KDF)
 WJOL IL 9/11 strong 0310 w/MoR mx, no ID, assume ETing (KDF)
 WNBH MA 9/9 w/promo w/ \$25.46 in cash call jackpot 0137, cheap (Shaft)
 1350 WKEU ME 9/16 s/on w/SSB 0658, fair (KDF)
 KEAR TX 9/16 very good 0700 w/SSB and s/on and nx (KDF)
 1360 WNPC AL 9/16 good 0700 w/SSB and s/on (KDF)
 WBAY WI 9/2 poor u/everything w/local nx 0158, temp and ID 0200,
 then CBS Nx (WM)
 WMAC GA 9/16 fair o/WBAY w/ET/MX commencing 0200 (WM)
 Unid ?? 9/2 fair/poor signal 0100-0200+ w/Lifeline program, four
 MMs of listening to this has produced no ID (WM) I know
 who this is (JS)
 1370 KAPB LA 9/16 poor/fair 0700 w/SSB and s/on (KDF)
 WSPD OH 9/23 w/truckdriver mx 0206 (PMM) Hard to hear here (JS)
 KPRO TX 9/16 fair 0659 w/ s/on, "The Friendly Voice of E. Texas" (KDF)
 KONO KS 9/16 poor w/ s/on 0659 discovered on tape replay (KDF)
 +1390 WTKN ME 9/12 heard 0202-0215 w/FC w/lk TT and ID e/2 min (KDF)
 CHOO ON 9/12 noted 0215 w/ "14-CHOO" promos (KDF) That's a lot
 of promos (JS)
 1400 WWOC VA 9/16 w/RR, then inst. fill to 2359% s/off w/SSB (PrM)
 WJHO AL 9/9 dominant 0128-0133+ w/conclusion of Falcon FB (WM) 9/16
 on top all MM w/C&W mx, due to aurora (KDF) Also due to the
 fact that they were on the air (JS)
 KTNM NM 9/23 well, Myers was right for once, it's really here, heard
 FC/TT 0333-0344, prompt verie back already, NM #9.Cazart! (JS)
 WOOK DC 9/9 think this 0110 w/ "Mean 14" promos, can anyone confirm
 this? (Shaft) Well, not really since WOOK is on 1340 (JS)
 WGBG NC 9/9 w/RR 0121, romos both WGBG and The Big G (SHAFT) GD!
 WWIN MD 9/9 noted 0126 /ID, then RR (Shaft) This might be your
 Mean 14 (JS)
 WKPT TN 9/16 poor w/ s/on 0459 (KDF)
 WERD FL 9/16 in fair 0459 for two clear IDs (KDF)
 WTRR FL 9/16 surprising signal w/ s/on and SSB 0501 (KDF)
 WIRB TN 9/16 noted w/ s/on 0530 and FM promo (KDF)
 1410 WILAG MD 9/21 loud ET/TT/OC 0153-0300+, many IDs (JS)
 KQV PA 9/23 noted w/AN talk show, must be ASP again (DS)

Greetings friends, Dr. Jerry here again with:

midnight to sunrise

540 CBT SA 9/5 tent, w/various RR songs and no breaks 0225 (Shaft)
 KNOW LA 9/8 noted 0121 w/emergency programming (KDF)
 550 WGR NY 9/5 w/teletalk and "GR-55" promos (Shaft)
 590 WEEI MA 9/23 noted w/newsradio bit 0107 (DS) Cazart! (JS)
 600 WVOG LA 9/18 good w/gospel mx 0712, ID and bird chirps (KF) OK (JS)
 630 WMPD NC 9/21 s/on 0545 w/SSB, hymn, prayer, news 0600, all just
 before semi-local WPRO s/on (FD)
 800 CHRC PQ 9/9 noted w/RR-0452 in CKLW null (Shaft)
 + CHAB SA 9/11 w/ID, nx promo 0239 o/u CKLW (KDF)
 + CFOB ON 9/11 poor 0242 w/ID as "Pt. Francis-International Falls" (KDF)
 Both above are Log changes, listed off at these times (JS)
 850 WWJC WI 9/9 on ET w/ID 0252, then off (KDF)
 Unid ?? 10/2 ET/TT/OC/instrumental mx 0330-0400+ w/several PSAs
 w/Texas mentions, mostly way u/WJW, possibly the new
 KEYS ETing? (JS) *Top Secret Cyphered Mission*
 WKIX NC 9/23 ET/OC, ID 0450 (JS)
 +860 CBH NS 9/25 w/spots, wx and nx 0518-0530 way o/R. Clarin (RM) Log
 sez s/on is 0600, change (JS)
 910 KBRV TX 9/16 o/u NGLC 0223 w/jingle & soul mx (KDF)
 WBSA PA in WRCH null, this noted 0513, recent issue of DKN sez heard
 around 0315, is this 24 hours again? (RM) AGAIN?? It has
 been for long time, 'cept for SM SP (JS)
 920 WGST GA 9/23 atop briefly 0313 w/promo for "Name the Bear" contest
 (PMM) The bear's name is Pressly. Pretty stupid, huh? (JS)
 950 WLOF FL 9/16 good w/semi-bullied WPAT slop 0130-0149 w/RR, race
 results and WFL report, DJ was Lou Christy (PrM)
 WBNH ME 9/8 w/C&W mx, jingle and hurricane report 0105 (KDF)
 WRMA AL 9/8 noted 0107 w/weather warnings (KDF)
 960 CKWS ON 9/23 0305 w/ID and RR u/WBRC (PMM)
 WEIL CT 9/23 ID 0053 in ET/TT/MX (TRS) Who really cares? (JS)
 WBHC AL 9/23 noted "B-R-C" promos and "more mx" promos 0311, then
 RR (PMM) How old is Saybrook? (JS)
 970 CJYR AB 9/5 listened to tape of unid 0100 s/off and discovered
 "This is CJYR" clearly on tape, any explanation? (KDF)
 This is probably due to the fact that there is a radio
 station on 970 in Alberta with the calls CJYR. Your
 radio evidently picked it up. Is this too technical for
 you? Take notes, there will be a test (JS)
 990 WNOX TN 9/23 best signal 0233 w/AN RR (PMM)
 1050 WNOE LA 9/7 on AN day pattern/power w/hurricane info (WM)
 1070 WINA VA 9/9, ERC sez this is the teletalk heard here 0347 w/IDE
 sounding like "WSNA" (Shaft) Clean yo ears, boy (JS)
 1110 WPCQ LA 9/8 w/weather warning and reports 0100, fair (KDF)
 1150 CKOC ON 9/23 w/RR and into nx 0300 (PMM) 9/3 noted w/"News Radio"
 0202 out of CJRC, only News Radio on 1150 (Shaft) Hey
 dere matha, CKOC is AN w/RR, not nx, you'all has got de
 DX shaft, anybody know who dis am? (JS)
 CJRC PQ 9/3 dominant w/FF RR 0152, WCOP not heard (Shaft)
 1190 WPOP ME 9/8 on 0052 w/hurricane warnings, many IDs, good (KDF)
 1230 WTBC AL 9/9 dominant 0400 w/nx, wx and ID (KDF) Pest here (JS)
 WUBE OH 9/9 fair w/Cinci temp, mention of Newport 0544 (KDF)
 WFOV GA 9/16 clear SID 0300, discovered next day on tape replay (KDF)
 WSRP AL 9/16 fair to good 0300 w/SID and AI nx (KDF)
 + KLIC LA 9/16 clear w/ s/off and SSB 0103, thanks to aurora (KDF)
 Log sez 0205 s/off, change (JS)
 + WCST NC 9/14 noted by tent. ID by PT w/wx and many mentions of
 Washington County 0307 (Shaft) Log sez off 0015, change
 1240 KANE LA 10/2 noted w/TT 0433-0440+ (JS)
 CJAR MD 9/18 new station, The Pas, with oldies RR 0057, CBC Nx
 0100, back to oldies 0104, strong, little grm, seeming //
 CFAR-590, which was not heard (NS)

12
 1420 WBSM MA 9/23 noted ANing w/teletalk and some mx, had 0101 SP for awhile (JS) Wesley sez he heard it too
 WRBL GA 9/16 w/automated mx, simulcast w/FM 0028-0050+, had AM/FM ID by female 0031 (DS)
 1430 WHK OH 9/17 poor to excellent w/sports and talk 0006 (PrM) So? (JS)
 WNJR NJ 9/23 noted w/soul mx 0246, NSP? (DWS) Evidently (JS)
 CKFH ON 9/11 noted AN w/R&B in WNJR null, ID by PT (Shaft)
 1440 WHIS WV 9/23 ID 0100, female DJ w/RR said "on till six" so is now AN on MMs at least (DS)
 CJOI AB 9/17 w/RR 0027, "c-joy" IDs, nx 0030 (MS)
 1450 WOL DC 9/9 noted 0153 w/SID, jazz, RR, R&B, the works (Shaft) Makes you want to lean, don't it ? (JS)
 1480 WHBC OH 9/11 noted in null of local WHOM w/ads for record shop in Akron (Shaft)
 WBLU VA 9/9 fair w/ s/on 0600, soon buried by 4 SSBs (KDF)
 WLEA NY 9/9 poor w/ s/on 0601, in mess (KDF) If you think that's a mess, you should see Hornell (JS)
 1490 CJNS SA 9/18 strong 0033 w/oldie rock (MS) This one is a pest here (JS)
 WMOG GA 9/18 heard w/local wx, then auction 0527, lost 0530 to WTXL s/on (RM)
 WTXL MA this noted past week w/ s/on 0530, 0540, 0600 so take your pick, heard few weeks ago 0600-0100 (RM) This station was kind enuf to do a DX for us a few years ago but never got around to sending any veries despite f/ups, tapes, etc. Real nice people (JS)
 WABJ MI 9/6 fair/poor 0100 w/AM-FM ID and Ai Nx, unn (KDF)
 KTTR MO 9/6 noted w/ s/off and SSB 0105, seems to dominate 1490 in WOPA null as KFRU dominated 1400 (KDF) So what? (JS)
 WESL IL 9/11 poor in mess, heard ID 0059 for IL #100 (KDF)
 1560 WOSH WI 9/4 on top in WOPA null 0600 w/wx and AM-FM ID (KDF)
 KQYX MO 9/18 on ET w/1k TT, 0108 ID (KDF)
 KAJN LA 9/8 noted 0129 w/wx and hurricane info (KDF)
 KLTI MO 9/23 ET/TT 0233, then mx, RS-like w/TCs, wx, etc, o/u new South Dakota pest KCAA to 0330+ (JS)
 KPMC CA 9/23 s/off after CBS Nx and spot w/SSB 0309, KCAA absent, must have regular MM SP (JS)
 KCAA SD 9/17 vary strong 0039 w/C&W mx, female anncr and "K-K-Double-A" promos (MS) 9/24 w/C&W 0115-0134, much better than anything else on freq at this time, this will make a formerly hard state easy (DS) And a normally hard state a pest (JS)
 WSMO MD 9/22 good w/ nx/wx/farm pgm 0630-0700, some QRM from WQXR TT/OC thru 0645, lost to WQXR 0700 s/on (DEF)
 WTOD OH 9/22 weak 0630 w/ s/on, then lost quickly (DEF) It's easy to get lost in Toledo (JS)
 1570 WYTI VA 9/22 good w/ s/on 0600, gospel mx, many spots thru 0630 (DEF)
 CFOR ON 9/5 in well w/ no sign of CLKM, RR (Shaft)
 1580 CHLO ON 9/23 came up momentarily for ID 0342 (PMM)
 WSRF FL 9/23 loud ET/TT/MX 0300-0430+ (JS) Ditto for MWB and FD
 WFRV IL 9/23 noted ET/OC, ID at 0133 (JS)
 WCLS GA 9/9 tent. 0052 w/teletalk per ID by PT, lost to WPGC OC 0105, on AN I think for ET (Shaft)
 WCRV NJ 9/15 atop for ID 0103, then ET/OC/MX (TRS)
 1590 WGOE VA 9/23 regular weirdo ET/MX 0015 following WCBG FC, is Starr running this place? (DS) Hell, no! (JS)

Well, so closed another DDXD, made even more wonderful than ever by the absence of DM once again. Several new reporters this week, welcome to the zoo. I now drift off the land of nod and let my mind wend it's way back to Woody Creek, Colorado with the aid of wild Turkey and some unknown organic substance. Gonzo! Wes will now take over the great DDXD typer to lay some junk on you from the Changes section. Sleep well (JS)
 NOTE TO HEADQUARTERS: MISSIVE RECEIVED, INFO FORWARDED TO THE MOUNT OLYMPUS DX CLUB. GOSH!

changes do not bend fold spindle mutilate or otherwise harm this notice.....

NEW STATIONS GRANTED
 1060 *CP* GA Tallapoosa 1000 DI
 NEW STATIONS GRANTED LICENSE
 970 WOZN FL Jacksonville 1500 WKAX AL Russelville
 1410 KJCH TX Cleveland 1520 WYAZ Yazoo City, MS
 1490 WCKC FL Milton
 New Station granted Pgm. Authority: KUUL 1380 Parker, AZ--1000 DI
 CALL LETTER APPLICATIONS AND GRANTS
 910 WRCH CT seeks WRCQ 1360 KWBA TX granted KBUK
 1000 WRNJ NJ Hackstowm CP KVRS WY granted KKKK
 1240 KCVN AZ seeks KNYN 1440 KGLX OR granted KODL
 1330 WARN FL seeks WFTP 1530 WIAD FL Jacksonville CP
 *** GRANTED PROGRAM AUTHORITY WITH CHANGED FACILITIES***
 740 WKIS FL 870 WHCU NY 1270 WCMR IN
 790 WAKY KY 990 WNN0 WI
 ***ONE FACILITY CHANGE OF INTEREST-GRANTED:** 930 KOGA NE--nite operation but no info on power or antenna..

****GENERAL CHANGES***
 550 WKRC ON new alt. main xmtr.
 1070 KOPY TX Increase height of one tower in DA
 1100 WFWO OH Move xmtr. site & go non DA--Studios:12th. & Chester Pk. Center
 1270 KBAM TX Move xmtr site--application--
 1280 KLCO OK Move studios: 244 Dewey Ave.
 1530 KPCR MO Increase tower height
 1600 WRBN GA Move xmtr. site
 *** GRANTS FOR PRE-SUNRISE OPERATIONS**POWERS UNKNOWN**LATROBE, PA. 15650
 790 WWBD SC 1090 KACO TX 1520 WSCV TN 1550 WGNL NC
 890 KBYE OK 1270 WVOY MI 1550 KOJX OK WPTN TN
 970 WHA WI 1480 KBOX TX KQXI CO 1570 WCZN MI
 950 WBKH MS KVAN OR WMOO AL 1600 WAYC PA
 1070 WSCP NY KPJA MO KCOM TX

WTQW
 GREWE RADIO 1570
 348 MAIN STREET

OK group, thats all the FCC changes this issue. In the not too distant future all the changes you'll find in DDXD will be call applications/grants and sked changes from members. ALL OTHER CHANGES WILL GO IN A BRAND NEW "CHANGES" SECTION--edited by: RON MUSCO-16 Chestnut Dr.--Windsor,Ct.--06095.
 This will include all information except for the small portion we will keep in DDXD; as explained above. All in all it will make things easier keeping logs correct; however the "LOG UPDATER" as we now know it will go bye-bye. We hope all the wierdos that support DDXD will offer similar effort to RM in the new section, and wish the slob super good luck.

FAITHFUL FOLLOWERS (& OTHERS)::
 FD FRANK DAILEY Preston,CT HQ180 & an almost beveridge
 KDF Karl Fourth Villa Park, Ill. BQ 160- SM1 & LW
 HJH Harry Hayes Baltimore, Md. Zenith Transoceanic Port. & SM2
 PMM Pressly Millen Old Saybrook,CT
 WM WAYNE MURPHY Louisville, KY Astro 8 & SM2
 DEF David Fox Reading, PA SPR4/SX110 & SM2
 RM Ron Musco Windsor, CT HQ180 & looped
 PrM Paul Mount Teaneck, NJ Panasonic RF 564 & some type of antenna.
 DS Dick Schmidt Kgnu Kaskle, DE. HQ180 & SM2 (Sorry we got your name wrong last issue)

WNCT-1070

TRS Tom Sundstrom Willingboro, NJ HQ150 & SM2--DX150/HQ140-LW & others
 MS Morris Sorenson Leaf Rapids, MB HQ150 SM2 & LW
 SHAFT Rick Shafton New York, NY Philips IC portable & SM2
 BW Bruce Winkelman Man, WV A2515 & SM2 & lotsa nerve.
 JS Jack Starr Hubbard, OH HQ180-4' loop & other stuff
 HWB Wes Boyd Girard, OH HQ180 & 2' loop of sorts
 dm dan MYERS Fire Is, NY HQ180 & long-long-long-long wire.
 All outta space--see ya'll next week.. Wes & Jerry

Handwritten signature

editor.. Ernest R. Cooper
438 E. 21st St.
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Brooklyn, N. Y. 11226

musings of the members

The opinions expressed in this column are those of individual members, and do not necessarily reflect those of the editor, the publishers, or the National Radio Club.

PAUL MOUNT - 471 Emerson Avenue - Teaneck, New Jersey - 07666

Hi gang. Right now I've managed to lose my log book for a while which helps in relating DX. Anyway, I was in Wildwood Crest, N.J. Aug. 1-5 & day-daxed down there. A lot of rockers & M.O. rockers down there, plus WEZ. 8/5, w/q plus personal letter from CFOR. Oh yeah, my new rig is a Panasonic HF-564. Sitting in my garage waiting for the rain to stop & WALL-1340 in there 6:21-6:36pm, odd. These days and part of the next week George Greene was here. He took some SCs to Toledo for me, mostly WABCs. 8/12, dialing around PSA I settled on 1490. WBCB there w/MOR 12:15-12:33. Then a c/w station. Wow! I thought Sharon, Mass. reception was good, here was 'POR atop. I listened 12:29-1:50. My QTH mentioned on air. (??-ERC) 1:20 or so, WTXL s/off, mentioned 15X, DA-D. Later maybe I'll try for WFEC. Instead on 1340, WNH/WNID, both new 2:29-3 when WPOW s/on messed it. Looks like DX-edition will have to wait. How come Editors don't print deadline dates? Veries: v/1- WNID WPOR (more on that later) WALL. v/q- WRC WAEB. v/CM - WNBH. Tapes of Wildwood and hear here available, return required. 73s.

ROBERT SELLECK - 38 Thomas Street - West Haven, Connecticut - 06516

First Musing since 1967. Since I started DXing again in March results have been fruitful but limited. Veries still trickle in: v/q- WOKY WNOX WNDB WSRF WETT & WRC (184 days in coming). v/f- WGOE & WBIG. v/1- WKIG. Latest DX for 9/9: CKAC & XEX logged simultaneously @ 4am. WBAP logged & reported quite clearly @ 4:35am; CJBR @ 5:28am in/out w/CHML. Static seems bad still & got worse by SRS messing up s/ons. I've been using a 100' lw since my loop won't work. Nulling function is OK but capacitor won't tune despite checks & re-checks on construction from NRC plans. Too many splices is the only thing I can guess, but any hepful suggestions would be welcome. Anyway, it's good to be DXing again, loop or no. 73s. (Welcome back, Bob, and address changes go to Box 127. Please double space? -ERC)

CECIL RAY WEINSTEIN - Box 52 - Golden City, Missouri - 64748

Hi. This is my first Musing & I must introduce myself. I am 22 years old, have been DXing since 1968 on & off. I have 22 states, three countries verified, also I do some TV & SW DXing. I have just bought a Radio Shack DX-150 & a used Sears Com Trek IX portable. This winter I hope to be more active and hope also that I can learn a lot about CCB DXing from NRC. If I can help anyone at all, just drop me a line. Till then, 73s. (Welcome to the NRC, Cecil, and please Muse regularly - but please double space? -ERC)

PAUL MOUNT - 471 Emerson Avenue - Teaneck, New Jersey - 07666

Way things are going, I'll have three Musings in one DX NEWS. On 8/22 I Mount-ed my bicycle & pedaled off to Memorial Park in Spring Valley, N.Y. about 15 miles NNW of here. First I went to WKQW in Spring Valley. They were a bit unresponsive and it doesn't look like they would do an NRC TEST. I got a CM there. DX sure is different. These stations not heard in Teaneck: WEJL* WADS* WACE* WLAD WRYM WINE WHVW* WPEN WELI WILK WEZ WKMB* WFBQ WMLE* WGNV WENR* WALL WNNJ WPOP WNAE* WMMW* (tentative) WGCH WPUT. *ed stations never heard within "home range". Just that much away from 970 made quite a difference. During the Summer I met NRCers Steve Bohac, TRS, Foxy, Jeff Hambricht, Rich Shafter, Frank Stiles, George Greene, Lew White, Frank Merrill and ex-IRCAers Shel Swartz & John Sally. I hope I didn't forget anyone. Till next week, 73s. (Paul, thanks for Musing, but please double-space?? -ERC)

WELL, LOOK HERE, LADS - WE'RE INTO THE WEEKLIES AGAIN! LET'S MAKE SURE THAT'S WEEKLY - not WEAKLY! LET'S HAVE THOSE DOUBLE-SPACED MUSINGS, REMEMBERING THE DEADLINE IS EACH THURSDAY. PLEASE STICK TO DX SUBJECT MATTER AND PLEASE DO NOT INCLUDE V/S IN YOUR MUSINGS - LIST THEM AND SEND THEM IN AT THE SAME TIME. -ERC

RICHARD K. SHAFTAN - 60 Gramercy Park - New York, New York - 10010

9/5- At 10:15pm I caught CBEF w/FF, soon covered by XEWA for a newie. Then I taped WNY SID @ 10:50pm, rare here. I still need WAEB though & it's getting to me. I can get only WEAN day & night. Then to the goodies. WKBR w/SID 12:05am 9/6, taped, & first N.H. verie. Then WLBR-1270 dominating & slopping onto pest WADO when the latter was in null position. I had a WLBR sports break - taped, also. Then 8:44-9pm, 4VEC heard w/MOR & s/off @ 9pm mentioning all frequencies. They also played their unmistakable "Amazing Grace" s/off. Thanks to Al Brooks for the tip. I taped the s/off for a new country heard & verified. Then R. Paradise s/off 11:01pm for another new country taped. Since all these splits were in I decided to try my luck on 834, since it is often reported - just a het & some weak audio. I also think I heard some Carribean mx but not sure. This @ 11:28pm. 9/7- WBAP-820 not too often heard. @ 12:43 w/Texas BB. Then @ 1 I decided to try for Sud Radio-818, since their s/on is at this time. FF talk came through w/piano & tentatively rr. No question about this one as it was in beautifully last Winter & veried. Then a few inutes later I heard AA chanting. IRCA log lists Morocco & says EBU lists 25,000w. WRTH lists 1,000, RKS says more. If it could be 0/900,000w at this time well. This is still a tentative though & I have written PT for help. Then @ 1:28am WDR-1586 tentative w/very w ak audio. 1:33, WOAI-ID taped, new station. 1:37, KSL tentative w/MOR, some WWVA slop. 9/8- I tried for R. Globo during WHAM SP but came up only w/WWVA & WOWO. Only heard once at ARANC during Aurora. I still have a report out to them. That's it - thanks to ERC, PT & Steve Bohac for their tips, info, help, & convincing me to join. It's great being here & I hope to be here for a long time. Totals: 194/393, 30d/35d, 6/6, 16/22. 73s in 74.

DICK TRUAX - 3003 Gleason Lane - Jeffersonton, Kentucky -- 40299

Well boys, another season is almost upon us, & I for one have been revitalized after attending the Toledo Thing. Good to see the faces of so many names that have been familiar to me for some time. Sorry to note ERC's absence- Activity here has not been completely absent for past four months, w/a total of 14 logged since 6/1. Mostly 300 to 400 mile loggings including two previously unIDs on daytime regulars. Here's a question that might stir up some controversy: What frequency (other than graveyard) has two stations operating simultaneously (not shared time) with least distance between them? So far I would nominate 1520 with WKNT & WINW in Ohio separated by only 24 miles. Another which is even closer would be WKYF & WLIS on 1500 in K., at only 22 miles distance. I will verify that both are on when I next travel in W. Ky. next week. Both of the latter are non-directional. I am in process of converting my 2' loop to altazimuth to mill some of the pests in this area. RK remains old faithful HQ-150. For those who are uncertain about my location, it is a suburb of Louisville. More in 14. (But where is Louisville?? hi -ERC) (Sorry Dick, & members, but this report got misplaced - should-a been in last issue -ERC)

GLENN HAUSER - 1312 West Oak Avenue - Enid, Oklahoma - 73701

Please note my new (actually, reactivated) address. I visited KGYN-1210 Guymon, Okla. in mid-September, where I had an engrossing conversation with the CE, Mike C. McClure. He's really a hot engineer, knowledgeable about both technical and business aspects of broadcasting in the five-state area. If you visit, be prepared to stay up all night! He's much too engrossed in more important things to give much attention to DX reports; many of which are routine one-a-day scribbles from the primary coverage area. He assured me exceptional reports from outside N.A. do get more personal attention. I went through a year's worth of reports, collecting names for Club bulletin samples, & can make a few observations on how to report to KGYN. Return postage is a WASTE, since all mail goes through a postage meter. I could have collected a couple dollars' worth of U.S. & Canadian (!) stamps - and would you believe an IRC, from Canada? The first obstacle is to get the secretary to open your letter. If it's obviously a DX report (and she has a 'nose' for them), it may be passed on unopened directly to the C.E., in whose desk it may languish until he goes through them at the end of the year to clean up loose ends, & tally where the listeners are. So it might help to use envelopes imprinted with a business return address, metered postage, & official-looking typing. Once open, all but the obviously falsified receive a form letter QSL. Music titles are fine, as these are automatically logged, & easily checked. I may have convinced him that veries really DO matter to some who collect them, though I personally can't see why it's so vital to get a verie from

(Hauser)
a station you and wverybody else knows you've picked up - and that can be taped at will. Anyhow, I hope these tips help those of you still hungry for a KGYN verie. By the way, when they went to 10kw clear channel, the new equipment installed was designed to accept 50kw, just in case, some day - and by agreement with WCAU, the two stations stay nine Kz apart, which seems to be the ideal separation for minimizing subaudible hetrodyne disruption. 73.

RON B. SCHILLER - 1961 N.E. 28th Court - Lighthouse Point, Florida - 33064
Veries are 1,782 combined with these additions: v/1- KRYS-1360
WTRS-920, KULF-790, WCMQ-1220, HICK-930, HJFV-1220, WBHC-1270, WYSE-1560, and HRR6-1340, Honduras #1 & country #81, says 10kw., sent beautiful four-color pennant also. v/q- WNYC-830 & v/PPc from WAUG-1050 WDEW-1500 WSAV-630 & WGKR-1310, Florida #160. Biggest news is arrival today of new RX: R390A/URR; now to try it out! Heard since last: 8/4, WACY-1220 s/off 8pm; gospel mx u/local WFTL-1 1400, suspect Jax. 8/5- YNX-750 "La Equis" 6:27-6:42am. 8/6, YVNC-740 s/on 5-5:03, "R. Mama caibo." HIL-790 s/on 5:10 w/local WFUN off! KULF-790 squeezed u/WIAR/HIL et al 5:33-5:40. WTRS-920 s/on @ 6 u/WVOH/WML. That eve, 4v on 910 loud @ 7:57 w/EE rr. 8/7, amazing signal with light in the sky from KRIO-910, McAllen, Tex. 6:32-6:44, unn PUF-1 Saba in EE w/c/w 8:30pm. 8/9- WUFF-710 6:16-6:20 u/WGCS. KRIO in again. 8/10- RJR strong on 770/720/550 circa 6:15-6:20. 8/11, local WSWN ET @ 4. 8/12, unn KOTN-1490 topping @ 4:40! 8/14, HIFA-1380 s/on 5:59. 8/16, 4VUE s/on 5:59-6:06 in FF // -760. 8/18, 4VDS-1210 5:46-5:58. ZEM2-1340 6:18-6:21 & a few days later ZEM1-1230 heard just before 6am, both previously heard in N.J., latter of course then on 1235k. 8/27, XERH-1500 Tricolor s/off @ 4. TGN-730 4:12-4:30 s/off. 8/28- Weak EP-705 @ 9pm, presumed St Vincent. 9/10- Unn WISA-1390 s/on 5:33. 9/7, WTGA-1590 s/on 6:02. 9/10, WBHC-1270 s/on @ 6. 9/17, WQX-1570 8pm s/off. 9/18- WAOA-1520 s/off 7:46, u/WRAI-EE. 73.

RICHARD ALLEN - Route 1 - Billings, Oklahoma - 74630
With the start of another DX season, please allow me to introduce myself. I'm 29, single, and work in Enid as an interviewer for the Oklahoma State Employment Service. I have been DXing, primarily on the SW bands, since 1960. I joined the NRC in 1971. Also, a member of the IRCA & WFFDA. RX is a Realistic DX-160. Antennas include a 125' LW & an SM-2. Record my DX on a Sony TC355 (reel) or a Sony TC129 (cassette). Totals (heard): 423 stations in 38 states (including Hawaii), 11 estados, seven provinces, and 14 IA & Caribbean countries. When DXing, I listen primarily for foreign stations. I rarely report for QSLs. Not much DX activity here, recently, due to the HNL & the unsettled geomagnetic CX. Any DX tips on trans-Atlantic reception would be appreciated here. I'm also active in TV DX, when not listening on the medium wave band. Good listening, & 73.

DAVE SCHMIDT - 42 Chelwynne Road - Castle Hills - New Castle, Delaware - 19720
Just a quickie report this time; not much DX to report. 9/16- My first real try at the dials this season, brought a report on WRBL-1420 12:29-12:43am. Also noted were WPCM-1600 @ 2am, * KONA all over WKEM. CX were very Auroral, although it seemed to be getting back to normal 9/20. UnID TTs noted on 1490, 1-1:15am 9/20, no IDs heard even though one was topping the frequency. No veries to report, although I will be working on the f/ups again soon. Welcome to Dave Fox in Reading. WRAW is one of my needed ones, hi! On a trip to Pottsville recently, a quick stop into WPPA brought some interesting sites, of how a station can be set up in an old bank building. Watch, the main studio goes in the vault. That night I came home and got their FM station, which I was told can't be heard in Pottsville. That should be it for now. Hopefully, more with the next report.

JEFF KLEPPINGER - 502 East 2 Street - Northampton, Pennsylvania - 18067
This is my second Muse & a big change I've just made is that I am discontinuing writing reception reports & merely tape the stations. I started out taping WARM, WPAZ, WRCP, WFLN, WCRV, WYNS, & WBRW. I wrote to my local WSAW & they said any maintenance is done between 6 & 7 SM. I tried it & got WEMD-1460 @ 6:23 on 8/25. On 9/15 I received WFAR-1470 & WLEA-1480 @ 6:44. WAEB-790 is NSP as far as I know. In about two months I will get a DX-160 & am waiting for the plans of the NRC Loop. I hope it isn't too difficult to assemble. I just got #29 today, saying 4,388 licensed stations - I thought it was about 5,000. Total logged are 302 - all for now. I would like to hear from a yone. (Thanks, Jeff!)

KARL FORTH - 630 Sputh Ardmore - Villa Park, Illinois - 60181
The emergency broadcasts by Gulf Coast stations on 9-7-8 provided a dramatic & interesting program for the listener - good for DX too! DX has been fantastic: 9/4- 5:55am, WOSH-1490 w/ID & WX in WOPA null. 9/5- I was taping an unID s/off on 970 @ 1am, and suddenly "This is GJYR" popped out. Edison, Alta. w/WAVE/WWSW & the usual mess on 970. 9/7- 7am s/on from KMAQ-1320, 7:31 pm, I finally logged WRDM-1480. I was listening to Hurrican broadcasts on WFL later & decided to see if there were any daytimers on - there were! WFUP-1190 in quite well o/WOHO, WFCG-1110 all alone, WEKH-950 mixing w/WRMA, all between 12:30pm & 1:30am EDT. Tentatives on KGLA-1340 & WSDL-1560, but no ID heard (WSDL was covered by KAJN also on for the emergency). MM 9/9 brought WTBC-1230 @ 4:03 dominating, & WUBE-1230 @ 5:42am. 9/11- 12:59am, WESL-1490 w/ID only, #100 from Ill. CHAB-800 @ 2:39, & then CFOB-800 w/ID as "CFOB Fort Francis - International Falls" I thought both were off at this time? 9/12- 2:02+2:15 f/c WINK-1390 & IDs every two minutes, r/c, second Thursday, per v/l. MM 9/16 Auroral & one of the best of the past several seasons. 1:03, KLIC-1230 s/off-SSB. 1:16, WJHO-1400 w/SID & c/w & in most of the morning. 1230, unn WEHP @ 3, as well as WFCM-1230 at the same time w/SID. WGSO-1280 all alone w/EL, promo & WX @ 3:13, 1400 had WKPT s/on at 4:59, then WERD Jacksonville, Fla. w/two clear IDs, then WTRR-1400 w/SSB-s/on @ 5:01. WKYZ-1250 SSB @ 6:09, folo by s/on w/echo effect. That weird station in E. Ohio on 1330 was heard with the best signals since they went to ND antenna at 6:36 w/spots & rr. 5:44, KVOL-1330 s/on-SSB strong. WKOU-1350 s/on @ 6:59, KFRO/KGNO-1370 s/ons @ 6:59, WMFC-1360 strong w/SSB-s/on @ 7, KAPB-1370 SSB-s/on also @ 7. Quite a morning! I talked w/several other DXers & they too heard around 12 new stations, & they were almost all different! I've never experienced an Aurora where the graveyards were so alive w/Southern stations. 9/18- KQYX-1560 1:08am w/ET & ID, KCAR-1350 w/SSB-s/on & NX @ 7 & WVOG-600 good w/gospel mx @ 7:12. I was walking through Elmhurst & saw the studios for WKDC-1530 - two days later they were ETing @ 1:30pm w/OC & ID - should be RS soon. One reply from CPC so far, "Sorry FCC rules prohibit KGHM broadcasting at that time of day." 73s. (Suggest they run an EQUIPMENT TEST, Karl, I suggest! -ERC)

RONALD J. MUSCO - 16 Chestnut Drive - Windsor, Connecticut - 06095
Poor CX lately w/solar storm week of 9/19. Reporting to work @ 6am & arising @ 5 has given me the opportunity to do some DXing. Only two noteworthy catches: 9/16- WCGC 5:25-5:30 way on top w/WSPR-1270 not on for some reason. (Aurora? -ERC) Mazda spot & Bulletin Board heard. 9/18, a misty, foggy, rainy AM & WMOG-1490 Brunswick, Ga. way on top 5:27-5:30am w/"Auction" spot for my best catch yet on that congested frequency. WTXL's 5:30 s/on ruined it. SM 9/22- What may have been CHIR-730 way u/XEX @ 5:25am. Announcer's name heard & mention of Essex & Northbridge so tentative sent. In Conn. radio: AN at in Hartford Courant shows WRCH as "91-q" now & listing of many DJs so maybe a rocker as Mike Collins told me a few weeks ago. WRCH-FM unchanged (good mx) as far as I know. Veries: v/l WTVL-1490 for tentative f/c, out two months. PP from WELW & WSOQ. v/q- CBEF CGRP, & v/l w/CM, WLEM. Total veries, 597. CPCs to WLEZ, WJOY.

TIM KERFOOT - 34 Cross Street - Weston, Ontario - M9N 2B9
DX hasn't been bad so far this season, but already a number of potentially good catches have been lost owing to lack of IDs at the normal time. I can see where that new relaxed legislation in the U.S. is really going to play havoc with this hobby, especially with cl mx & educational stations, which probably won't both to ID at all any more, hi. New catches thus far: 9/9- WCAZ-990, 1:15-1:30am o r/c. XERH-1500, 1:35-2, good signal. 9/14- WPCS-1490, 6:58-7:20 am, on top of everything. MM 9/16- Amazing Auroral CX. WSMB-1350, 1:57-2:33am, dominating frequency. WIAY-1450, 2:57-3, my most distant graveyard catch, at 800 miles. They probably would have verified a report if I would have sent one because my info was so definite, but it was only three minutes, & I did not want to set a precedent, hi. Locally, the major radio event of the Summer was the acquisition of another local, GMR-1190. Thankfully, it is only a daytimer. I had visions of it being 24 hours NSP, hi. 73.

DAVE SCHMIDT - 42 Chelwynne Road - Castle Hills - New Castle, Delaware - 19720
Take a look for the new KKA-1560, Aberdeen, S.D., now on RS w/c/w mx - it's in as I write this @ 1:25am 9/24. MM 9/23 a bust- line noise back. 73

ERNIE J. WESOLOWSKI - 1416 Pasadena Avenue - Omaha, Nebraska - 68107
 Who is this? Yes, after a couple of years of not Musing, I'm back. I have been DXing all the time, but somehow haven't written. The TOLEDO Convention was fun as usual & also I spent time in Detroit/Windsor. I reported, as many of you did, KAJN-1560, Crowley, Ia. on for Hurricane Carmen, as they didn't verify my report of last year, & so far again this year, no word. That on 9/8. KKAJ-1560 Aberdeen, S.D. is now on RS, 24 hours. A good catch on 9/19 from XEDF-970, playing two-in-a-row. KRZI-1580, Waco, Tex. on RS on 9/18 @ 7:35am. A r/c from KVIC-1340 in Victoria, Tex. on 9/17. With Aurora on 9/16, WLOK-1340 Memphis heard well @ 1:35-2am. 9/7, WDOC-1310, Prestonburg, Ky. Local KFAB-1110 off, so I caught WSAJ-1470 Allentown, Pa. on RS 9/4. I have a local image on 1470. Many s/ons & s/offers being heard - I'm working on Oklahoma stations. Anyone know who is causing the het on 1440? Seems to be off on MM. (Probably it's the 1439 signal of Luxembourg -ERC) Must be NNE/SSW of Omaha. RX here is an HQ-180-A, antenna is the old 40" box NRC loop. Totals now: 1,528/22 countries, 47 states, nine provinces. Nebraska is 100%. (So are you, Ern, & welcome back! -ERC)

BOB SMALL - Box 4548 - Tucson, Arizona - 85717
 After 18 months in NRC & a productive 12 months with my trusty SPR-4 and Sanserino Loop I think an introductory Muse is in order. I am 58, a DXer sporadically since high school days in Minnesota around 1932-33. I'm "hooked" permanently now, I'm sure. Better equipment, particularly the directional antenna, did it. The only thing I miss is good old Radex. This season I'm way ahead of last, so far. Best recent catches: JOBB-830 Osaka, WOSC-1390 S.C., WRHC-1550 Fla. Last season's best: 4QD-1550 Australia, WPKX-TEST-750, WTAB-1370 N.C. Totals in one year on the Drake: 696 logged in 42 states and 17 foreign countries. I still need Alaska, Me., Vt., N.H., N.J., Del., Md., R.I., & D.C. I also need Africa and Europe but I don't expect to get them in Arizona. I'm one of the lucky guys who works at home, so I can DX when I want to and fit the work in around the edges. If we just had 3-hour days I would get enough sleep too. (Welcome to Musings, Bob! Nice to have you aboard - report often! -ERC)

RANDY PENNER - 112-130 Beliveau Avenue - Winnipeg, Manitoba - R2M 1S7
 After a long time without a Muse, it's about time to say hello again. I've moved to Winnipeg, as some very alert DXers may have noticed (my old location in The Pas was so far from any fellow DXers that I had never met one until this Labour Day Weekend, when I dropped in at Darryl Belanger's place in Swan River, Man.) DX-wise The Pas was a much better place to DX from than Winnipeg because of the lack of locals (now there's CJAR-1240 The Pas, but before the closest was 100 miles N). I live on the first floor of a 12-storey apartment block so there is no chance to put up an LW. My final DX totals from The Pas are: 587 heard, 38 states heard (including Hawaii), six provinces & N.W.T. heard & verified). I never bothered counting countries but I heard some 44 foreign stations (outside U.S. & Canada). My most-heard frequency was 1240 with 17. These are the totals for two years of DXing in The Pas. I'm only 17 years old but I'm working rather hard for a living so I have only about three hours a day in which I could DX if I perchance find time. I started a new log one day since moving here & came up with 40 stations that I knew I'd heard since moving here (this including all locals). I even heard a station that I never even once heard in The Pas which isn't bad considering my closest unheard when I left there was 400 miles away (which covers a large area). When I get more settled down I hope to DX and Muse often. Anyone in the Winnipeg area can contact me at this number between 6 & 10:30pm weeknights: 256-7698. 73s & good DX.

PRESSLY M. MILLEN - 6 Cromwell Street - Old Saybrook, Connecticut - 06475
 The beginning of school brought DXing to a virtual halt in the first part of September, but a few days of excellent CX made up for what I may have missed. 9/16 - R. TV-Dominicana-620 @ 10pm w/IA mx, HJCY-810 Colombia w/NX & announcements @ 8pm. R. Charin-860 w/may IDs @ 8:55, XEN-900 w/IA mx @ 11pm, XEQ 940 w/popular & IA mx, 4VEC-1035 o/WEZ w/religious mx in EE, XEQR-1030 o/WEZ w/IDB & IA mx. (They must be running 10kw.) YVOZ way atop WQAI-1200 w/mx, NX & many IDs @ 10:30pm, XEFP-1570 w/religious pix @ 10:45pm. 9/17- 4VEF-840 w/EE lessons u/ Bible readings @ 8:15pm into SS @ 8:30. ZDK-1100 w/Soul & birthday greetings, deep fades brought this from perfect to impossible @ 7:21pm, ZNSI-1540 in well w/ R MoR v cals 8:55. Veries: WNBC WRKO WOR WGSM WABC WGY WNYC WRYM WCBS WPAT WELI WINS WASA Belize. 73.

JAMES E. CRITCHETT - 1103 North Street - Yreka, California - 96097
 I returned 9/20 from another tour through the NW states. I noticed that KGEZ-600, Kalispell, Mont. was broadcasting "Lum 'n' Abner" and "The Great Gildersleeve" between 7 & 8pm EDT Thurs. 9/12. I stopped at KGMV-1480 Missoula, Mont. to get a verie for Clarence Freeman. KRKK-1360, ex-KVRS, Rock Springs, Wyo. IDs as "K-Rock." KANN-1090 Ogden, Utah broadcasts the old records of the 30s & 40s all day long; good to hear them. KLUJ-570 & KAIN-1340 still use the good mx w/few IDs. In Boise, KIME-740 verified by a note on a carbon copy of Freeman's reception report, & KBRJ-950 did the same for him, & signed my PP/form. KYME was at the end of a long, gravelled, rough lane. While I was gone, verifications by letter were received from KSPD-790 Boise, KNIE-1530 Cheyenne & KQYX-1560 Joplin, Mo. KNIE uses 5,000w for two hours after SRS & two hours before SSS, 1,000w before SRS & after SSS, w/four towers, both directional N/S. Daytime they use 10,000w, non-directional. MM 9/23 from 5:15 to 6am EDT on 1480 WHBC, Canton, O. was heard enough for a report. KTHS, Berryville, Ark. still used that call during r/c fourth MM, 5:30-5:40. The new "KK Double A", Aberdeen, S.C. on 1560 was heard from 6:04 to 6:30 MM 9/23 - had CBS NX @ 6, & locally-gathered NX @ 6:30. "KK Double A Radio-active News, operating 24 hours a day" was the ID. The static has increased since Monday, but KKAJ was heard again @ 4:15 this AM 9/25. Nearer reporters can tell us if the station is NSP. I hope the static lessens, & this is a good DX season for all.

HANK WILKINSON - 384 Rockgreen Place - Santa Rosa, California - 95405
 My new location has been excellent for West Pacific & Asia but nothing from the New Zealand - Australian area so far this season. I am anxiously awaiting news from other TP DXers on WC. TV interference prevents DXing before lam at this location. Also, no outside antennas are allowed. Thank God for Sanserino's Loop! I haven't verified any stations in China, N. Korea or FES USSR in past six years or so. I took logs on about five of them on SM & MM 9/22-23. I hope to get replies. I'll advise. Has there been a newer FBIS Log than July of 1972? For those who are interested there has been an increase in split frequency TPs. Good DX.

ISAAC FAVES - 10113 Pillot Street - Houston, Texas - 77029
 Hi fantastic fanatics! I'd better report since my last review of activities was in May. Most of my DXing has been on weekends at the lake, but there has been a few new catches from Houston: 5/19 on the car radio, local KODJ-1010 s/off @ 9:15pm, folo by KAWA, Waco-Marlin, Tex. s/off. 6/26- XEN-690 Ided as R. Mundo @ 10:26pm, after requests & ads. 8/2, @ 7:02am, s/on of WTYL-1290 Miss. w/SSB was heard. Static nearly wiped them out - I had tried a week to ID this one. 8/14- I finally Ided @ 6:59am, KPJA-1480 Mo., just before semi-local KLVL s/on. I still had them in my Domestic Log as not on RS. 9/17- SSB & s/on of WTOD-1560 was heard @ 7am just above others. I've been using a little rotating device on my SM-1 that might interest some. As the SM-1 comes, the loop rotates on the shaft. I fastened mine so it would not rotate and set the whole thing atop a plastic ten-inch Rubbermaid turntable (about a dollar in Housewares at the store). The half-inch edge of the turntable was marked off in degrees w/a pen using India ink. Of course, the turntable is center-drilled to receive the antenna lead and connector. Place the SM on the turntable (the foot just fit inside the rim) and line it up using a compass, so that a stationery point lines up with 360 degrees, Re-adjust placement of the SM on the turntable until it squarely faces N. Be sure to pick out a smooth-turning turntable. If you're flush, you can get an 18" wooden turntable which is heavier and smoother and costlier. Adios!

DAVE WHEATMOUGH - 204 Main Street West - Hamilton, Ontario - L8P 1J8
 Since the end of June my log has increased by a grand total of three, made up of new local CJMR-1190 Mississauga, WSCP-1070 Sandy Creek-Pulaski N.Y. and WNST-1600 Milton W. Va. heard w/c/w 9/6 at SSS o/WNEU/WAAM etc. Veries received since January total five - WMIX KPCA (v/CM & business card), WERI, all for Specials of last season. WSUF & WNST. Totals now 1,730/929. On 7/26 I took a trip to Moosonee Ont., on James Bay - 550 air miles N of Toronto. Naturally I took the HQ-100 and Space Magnet along. DX by day was as expected - two 40w LPRTs from Moosonee plus CPCL & CKGB Timmins, CJKL Kirkland Lake, CPAP Kapuskasing all about 200 miles away. About 11pm the dial livened up a bit - strongest &

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province SPOTLIGHT



let's hear it for dx-ing . . . page 4

(Whatmough)

clearest stations were CKTB-610, CJRN-710, CKEY-590, WEBR-970. Being that far N I thought I would hear a few from the EC, but only ~~CKTB-610~~ and to the W, just CBW-990. As far as U.S. stations other than the 50kws in NYC, Chicago, Detroit etc. the only ones heard were WGR-550, WBN-930, WWJ-950, WGR-1290, WRLE-1330, WING-1410, WHK-1420, WWRL-1600. On the local scene, a bootlegger on 1580 been operating for about a month broadcasting in Hebrew or Greek. Can be heard up to 15 miles on car radio. I talked with ~~CKTB~~ at CFRS, ready to go on ~~by~~ 10/10, hopefully. CKKK & CFTJ here to be on 9/15 but it is now 9/25 and still not on. Towers for all three have been up four or five months. CKOT-1510 is awaiting delivery of 10kw ~~AM~~ - should be on soon. 73s for now.

JERRY OSBORNE - 763 Canterbury Avenue - Ottawa, Ontario - KLG 3A2

Looking back on Summer DXing, I guess the highlight was the massive Aurora blackout on 7/6. This conveniently was a Sat. AM so I ~~DXed~~ from midnight right through till 1 SRS. I had no signals at all from farther out than about 250 miles - no N.Y.C., Detroit, Chicago, or anything W. Short skip signals were strong. SS signals seemed most erratic. On 1360, two SSES were in about 4am, both taped & reported - R. Relej, Cartagena, HJRR; and powerful signal from R. Catatumbo Internacional, YVIT. Verie received already from HJRR. This one is 1kw. Not a trace of domestic QRM on 1360. SS also on 1340 but I could not ID. Locally, both FF outlets in Ottawa-Hull have had their fingers slapped by the CRC for playing too many EE songs. CJRC-1150 is a super-pest on a number of counts - very sloppy signal, spluttering all over the place. Presently, CJRC has come up with spurs on about 1095-1100, and 1200-1205, just as I hope to take some TA DX on 1097 & 1205 this season. Czechoslovakia, Canary Is., and Sierra Leone would all be new countries, & push me up to 60countries heard. Oh well, maybe they'll clean up their signal. On top of that, I've been trying to get a report off to GHSJ, St. John, N.B. under them for several years. CBO has spurs on 880 and about 940; and of all things, a het on the high side of 1050 turned out to be the Uplands Airport beacon ~~UP~~ from 527k (or whatever that frequency is). The new station CKOB-1400, Renfrew, Ont. has yet to make it through to Ottawa, at a distance of 60 miles although I'm trying. I am waiting for verie from CBI-1140, N.S. This would be N.S. #10. I guess I'm out of space now, so best DX to all. 73.

WAYNE MURPHY - 1411 Phillis Avenue - Louisville, Kentucky - 40215

Hello again. Unexpected early deadline kept me out of the last issue. September has been a good DXmonth for me, w/20 stations in as many days. If this keeps up I'll average one-a-day for the first time since February. Some quality catches, too. 9/18- R. Paradise in well 10:15-10:30pm, WND E QRM, almost non-existent! Shows my budget Astronaut-8 can get those splits. I can't give the rig all the credit though, a borrowed SM-2 has doubtlessly improved reception. Anyway, who should pop in the next night but 4VEF Cap Hatien, Haiti in Aurora. They now s/off about two hours earlier than the 0330 GMT listed in the New Member Kit, but that's probably old news to all you international DX freaks. Membership keeps growing - fourth Louisville member has joined, but he's not the one I promised. He's Pat Hartlage, who some of you NRCers from 1964 or so might remember. He saw my name in a sample bulletin he got and gave me a call, and we had a nice chat. His main problem at present is getting a RX, but he seemed to be on the verge of solving that when I talked to him. A final note: Chap. MCMXX in the continuing sag of The Great Kentucky Time Screw-Up is being written. Louisville & the rest of E. Ky. will be going back to Eastern Time on 10/27, hopefully for good this time. At least now I won't have to add an hour to all my loggings for DDKD. I'll be trying to do some work for the CPC this Winter. If anyone has any stations in this area they'd like to hear, let me know & I'll see what I can do. I will be feeling out WHEL, WFIA, WOSI & possibly WOND to try and arrange something. I'll write Jerry Starr soon to get some tips & info. By the way, Jerry, are you sure it wasn't a frustrated DXer who toppled that tower? 73.

THOMAS H. SUNDBERSON - Box 205- Willingboro, New Jersey - 08046

Greetings. On the DX front, parts/materials have been ordered to make up a new, more flexible, antenna switch box to handle a variety of antennas & receivers, and to erect an LW in the back yard; to be about 75' long & about 20-25' high, perhaps the LW RX will be a mite more useful. The tree planted out back five years ago has grown like a weed, hi. On the DX front, domestics

(Sundstrom)

have been dull, save one - KAJN-1560 running ~~AM~~ on 9/8 for Hurricane Carmen, taped, & a report sent. KAJN was about 40 miles from landfall. A few nights for TAs noted - 9/8 & 9/15 - but September has been IAs, which include all the superpest regular splits. Only the new/unusual have been reported to IDKD. Outstanding probably were HJFZ-1055 on 8/12, tentative YNCW-1035 cleaning out 1030 & 1040, CMEN-1040 on 9/19, YVQJ-1080 on 9/19 burying WVIC, CMHD-890 on 9/20, HJGZ-692.4 on 9/20 off 690, and HIAU-1241 on 9/20-24-25. As I type this on 9/24, HJND-570 is cleaning up WMAA. 9/15 was good for TAs & IAs, aside from WDUW-1240 Ga. that morning, question is who, seemingly, is the second TA on 1554 u/Nice - constant low-frequency het loops in that direction, never noted before, & not able to separate on SB-620 scope or with Q-M in HQ-150. This noted 4-4:30 am GMT or thereabouts. 73.

GARY ATKINS - 2200 West Barnett Avenue - Louisville, Kentucky - 40210

Since I haven't Mased since February (chase, shame) I'll list some of my better catches back in the early part of the year first: 2/3- KGRB-1550 w/ET; WTM-1530 s/off on 2/5; HRYN-944 R. Panamerican. 2/11, Monte Carlo-1466 for country #36; KDKB-1500 w/ET & KQIN-1490 on 2/18; HJTB-1005 R. Colossal; KDRR-1220 w/ET on 2/25; KREX-1100 s/off 3/18; WND-1190 on 3/18 w/IX & HRP-1163 R. Ramiso on 3/31. After a five month absence from the dials, a trip to the Convention, and the addition of another local IDer to the NYC my interest was renewed. More recent loggings are: 9/1- WNEP-1330 @ 8:20pm. 9/3- WNEP-1370 @ 7:35 w/Erasmus IB; WLEV-900 @ 7:24; WKIE-1110 @ 7:30pm; WNGF-1260 @ 8:03 s/off. 9/10- WNEP-1600 @ 7:20pm; WJTB-1540 7:45 s/off, & finally, WND-1260 7:45pm. Log total now at 1,250. Only recent veries are WND, WLEO & KREB. Does anyone know who a station n 1400 IDing as 14-Q might be? They were heard here at 9:10 pm EST. Dan Myers and Fra k Merrill did a fine job of hosting the Convention. It was a pleasure meeting Russ Edmunds, John Callarman, Wes Boyd and Dave Fisher as well as many other members. 73.

RICHARD K. SHAFAN - 60 Cemetery Park - New York, New York - 10019

212-004-7946. 9/9- 12:52-1:05am WCEB w/tale-talk till WFGC ET, IDed by Page Taylor. WFGC was on AN I think. UNID-1400, Mean-14 IDs. IRCAer Eric Fader says WOCK. (WOCK's on 1340 -ERC) That, 1:10-1:21. WGBG tentatively IDed that sounded similar, & Big-G IDs. 1:25, WWIN, 1:37, WNEB w/ @25.46 in jackpot. 1:46, tentative het on RNE-683, unthoug. 1:53, WOL, 2:10, yentaitve on HJKA-540 after XEWA s/off. No CBK this time & I suspect Aurora as little from N was heard. I think WFIL was off as not heard @ 2:35. 1070 teletalk, in a muzzling, HRC says it is WINA so a tentative, ID sounded like WENA so that is the closest thing around, mixed w/WNCT, a regular. 4:15am, most need-ed ZNS1 for a new country, no ID though, in like a local. Someone u/them in sounded like FF t ough not sure, nothing listed. Page says a WABC harmonic or something. 4:52 CHRC rare in CKLW null un. 1:56pm, WKAP in null of sloop from local. WTYM in WWRL null s/off 6:58 & taped. Also WMCR after WTYM s/off @ 7. Those were #400 heard & 200 verified. 7:07 WBUX w/Big Bad Radio IDs un. SSS on 1580 is off due to a wicked het & spur from WQXR on 1579.5 as per a DX NEWS from earlier this year. Best I can get is WFGC which everyone has heard, 7:14. WWAB s/off taped. 7:40, CJAD before CKLW tadein though still there in null of CKLW. 8:15 WOLO so what! 8:35 WCHS w/Reds BE, un. I have heard WHP only once & that was from Plainview, L.I. on fringe of 25 mile limit. 9:03 in WRKO null, SS & mentions of P.R. Then I went right next to locals to see what could be heard using portable loopstick & SM-2. WOW. 9:50, WLV 10:05, WWL 10:15 WJAR now rr, I thought they were MoR, ID as Super-Star WJAR. 10:32, KDKA 10:37, WHO, heard only once previously. 10:53 KMOX, 10:58 WRVA, 11:11 HIBG way o/KSL. 11:57 14-Choo in WFEL null w/a few IDs as above & mentions of Ajax, don't think it was the cleanser, either, hi! 9/10- 10:10 WUNR w/discussion, could have been religious. 10:32 WEIT now c/w, weren't they MoR, then rr a few weeks ago? 9/11 WHEC in WHOM null mentioning Record King in Akron. Canton is only 30 miles away and the closest. 1:29, CKFH IDed w/Soul im null of WJNR. 9/13 6:55 WSER w/rr s/off, no SSB. 9:50 SS mx on 1310 Radiomere ID, into EE NX 10pm. ID soude like WINE which leaves WIFE, WISE, & WNLX. Any help? 9/14- WCFT-1230 tentative ly IDed as one w/WX 3 O'am. Mentions of Washington County. 2:58 WBRB, 4:20 WHEB, 4:37, WWBZ, rare WALK, 5:09 new WBECK, 5:22 WOND, also heard in Bermuda this Summer. 5:34 WOOJ, 6:22 WCDL. I just joined IRCA's CPC. Best of

ROBERTS - 945 East Moore - Decatur, Illinois - 62521

Greetings DXers! The new season is off to a great start here w/ 23 newies heard in Septem er. Most of these can be attributed to Auroral CX 9/9MM WOOD-1310 Ky. alone & strong w/s/on @ 5am. Really good CX this morning. WFDR-1370 Ga. covering everything w/SSB & s/on @ 6. KXOW-1420 Ark. strong @ 6:15 w/ TTs & ID. 9/9- SSS, KUQA-1290 Ark. s/off heard 8:30pm, mixing w/others. This one is quite often heard here while signing off. 9/10- WINK-1390 Miss. on top at 8pm s/off. Good CX noted on SM 9/15 - one catch was WKJK-300 N.C. in very weakly w/s/on @ 6:03. KHEM-1430 Ark. was heard @ 6:48 w/TT & nice IDs. Three newies heard MM 9/16, but one strange thing I noted was that 1420 seemed completely blank a good part of the morning. WJHO-1400 Ala. ID picked out of the mess @ 3:46am. KVET-1300 Tex. in w/ID @ 3:54, fair signal. Best catch of the morning was WKAT-1360 Miami Beach which was heard @ 4:09 w/WX & ID, good signal for a mere 1,000w. Auroral definitely a factor in these logs. 9/17- KKOY-1460 Chanute, Kans. mixing weakly w/others @ 8:17pm & giving WX for S.E. Kansas. KFSSB -1310 Mo. in w/rr @ 8:24 & a great signal. No sign of WIFE. 9/18- Auroral, a great morning for lo-wpowered daytimers to the SE. WJJC-1270 Commerce, Ga. heard weakly @ 6am s/on. WNOO-1460 Tenn. atop w/a strong s/on @ 6:03, at least one other under. WFDR-1370 Ga. heard again completely dominating w/c/w @ 6:20. WFOK-1320 Rockmar5 Ga. all alone w/ads, ID, mx @ 6:38am. WYWK-1380 Ia. s/on @ 7, copied quite well. KWCK-1300 Ark. on top @ 7:10 w/promo for the Searcy FB team. KZIP-1310 Tex. w/a good signal beginning Ae NX @ 7:30. 9/18, SSS, WFMH-1460 Cullman Ala. heard w/a clear ID just before pattern change @ 8pm. 9/19, SRS. KWCL-1280 Oak Grove Ia. caught s/on through lots of others. 9/23- KFFA-1360 Ark. fading but readable w/Cardinals BB @ 8:25pm. 9/30- KFXV-1250 Ark. s/off w/fair signal @ 8:30, #788 heard. I'm still using the DX150B w/longwire.

ERNEST R. COOPER - 438 East 21 Street - Brooklyn, New York - Carrier Route 52
I was surprised and pleased to receive veries from WRAR-1000 and WELW-1330 on long-out reports from early last season. No new loggings have been made since April, even though I've tried several times. After vacation ended the first MM home, 9/23, found the HQ-180 dead, and the battery in the SM-1 likewise. The repair man came, a new battery was bought, and still the old set doesn't sound like its old self. However in a while I'll have another HQ-180 to my name as I bought Ron Schiller's over the phone. He's going to hold it for me in Florida until December - more on why in a later Musing. A great day is coming in my life in just 72 days from today, 10/3, on 12/12. So, a little DX on MM 9/30, a noisy morn, after twilight thunderstorms. On 1580 @ 2:02, I noted rancho mx, probably XE-whatsiname. On 1560, the Cuban Minute Man had some MoR company @ 1:50, probably XEWIP, no sign of KKAA's c/w, so maybe they're not on MMs or not sending any signal in the WQXR direction. WHOT was the loudest I have ever heard them, must still be using the 500w daytime setup. Noisy local WJNR-1430 was off, but CKFH is almost as strong anyway. Spurious WOR signals were heard on 680a & 740a, and an excellent powerful sock from R. Clarin-860 - hi, Cesar! Tter on/off 1590 around 2:53, no IDs heard, but I suspect WGOE Va. as they have often tested on the last MM. The Aurora seems to be over - drat, as I always enjoy DXing during those interesting CX. Iads - don't forget we're now on our weekly sked, so won't you do your part by Musing regularly? The last few years have seen this section dwindle somewhat - let's see it expand more than somewhat, eh what? I spent the 16 days from 9/2-9/19 on vacation in Provincetown Mass. on Cape Cod. Daytime DXing really startled me in noting that there are ONE HUNDRED ONE stations which you can listen to at good level in midday! 74 are on BCB, and x27 on FM - this with a \$20 portable. My good Sony portable was lacking batteries, so that wasn't used! Yet almost every channel is workable at twilight & night - like 1300, for example. After WJJA-1300 s/off @ 7, in rolled WJJC, a rarity here, but a regular there, till their 7:15 s/off. WVLC-1170 must be on its new tower & pattern, as they are much much stronger in Provincetown than in past visits - a fine station, too, good mx & great local NX coverage. You can hear Paul Harvey @ 12:30pm on at least six of those 101 stations, including WNEH-1340, WOCCB-1240, WNPB-1470, WHIM-1110, WLYN-1360. I forget the other one. Let's make this section GREAT again, boys - Muse regularly. C U N 7.

DXCHANGE

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To those who have asked, we will send advance notice on articles for sale only when you have listed the same article in the wanted section of this column. Publication of articles for sale will not be delayed, so if you receive advance notice, you should act on it quickly. Once again we would like to get your comments and suggestions on the column. Please let us know what you think.

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ADDRESSES

CWB C.W. "Bill" Bailey; 92 Woodland Road; Holden, Mass. 01520

BC Bill Coleman, Jr.; 114 Circle Dr.; Rocky Mount, North Carolina
27801; Ph. (919) 443-4030, no collects, leave name/#.

RJE Russ Edmunds; Box 127; Boonton, N.J. 07005

DF Dave Fischer; Box 489; Hickory, N.C. 28601

RG Roger Giannini; 1111 Forest Hills Dr., Belleville, Ill. 62221

PM Paul Mount; 471 Emerson Ave.; Teaneck, N.J. 07666

RM Russell H. Minthorn; P.O. Box 1161; Melbourne, Fla. 32901;
Ph. (305) 723-4084.

FJP Father Jack Pejza; 3266 Nutmeg St.; San Diego, Ca. 92104

RBS Ron Schiller; 1951 N.E. 28th Court; Lighthouse Pt., Fl. 33064

RWS Ye editor, address above.

NZ Neil Zank; 2445 "E" St., Apt. 6; Lincoln, Nebr. 68510

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F WKIK 1370 Leonardtown, Maryland 1,000 1,000 DA-N (U2)

G CFNW 790 Port Aux Choux, Nfld. 1,000 1,000 DA-1 (U3)

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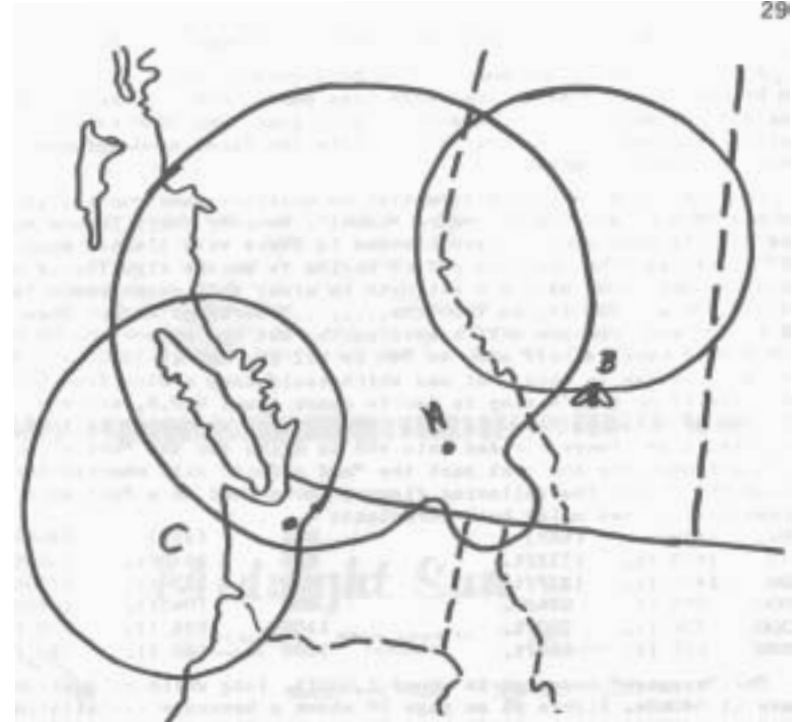
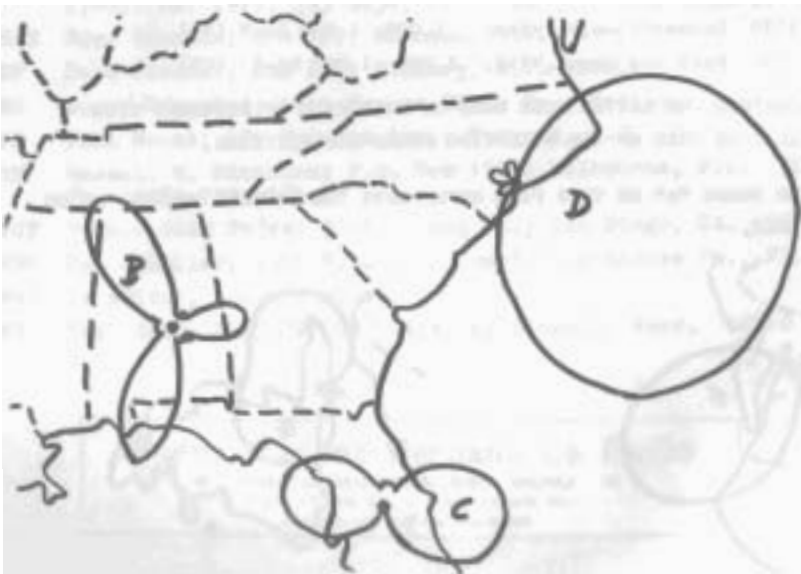


Nueva Cadena Peruana de Radio

RADIO MINERIA DEL PERU
OAZ 4D 1520 KC → OAZ 4E 6195 KC
Dario León 425 - Telef. 0000 - LA OROYA

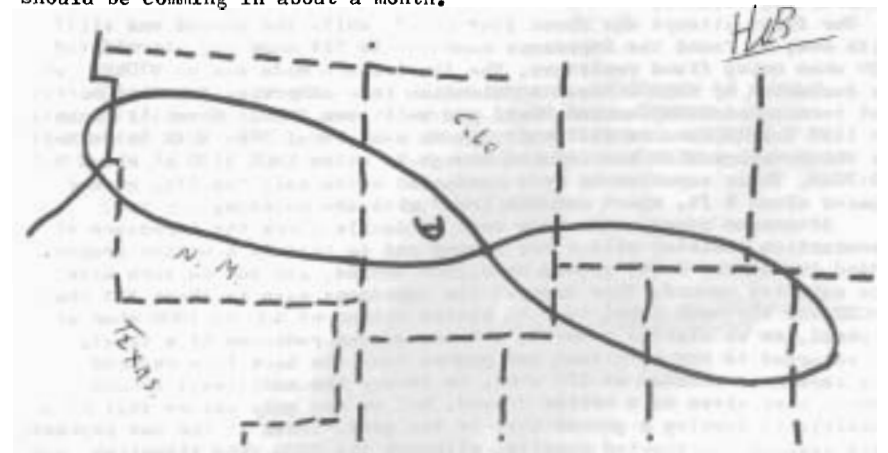


A KIRO 910 McALLEN, Texas 5,000 5,000 DA-2 (U4)
 B WRMA 950 MONTGOMERY, Alabama 1,000 1,000 DA-N (U2)
 C WKIS 740 Orlando, Florida 5,000 1,000 DA-N (U2)
 D WLAS 910 Jacksonville, N.C. 5,000 5,000 DA-N (U2)



A CJIB 940 Vernon, B.C. 10,000 10,000 DA-N (U2)
 B CKGY 1170 Red Deer, Alberta 10,000 5,000 DA-2 (U4)
 C KBES 1540 Bellevue, Wash. 5,000 5,000 DA-N (U2) (This not on yet!!!)
 D KDKO 1510 Littleton, Colo. 1,000 5,000 DA-2 (U4) (new nite pattern)

That's it for this time crew. Total of 15 new or changed patterns. I still have about another 20, or maybe 30, so another pattern book updater should be coming in about a month.



I'm sure that by now many of you have read at least some of the articles on beverage antennas. Several have been constructed in varied locations of the country with similar results in each case. Any DXer interested in such antennas should try to visit such a site for first hand information on the construction and operation.

Most of the necessary information on beverage construction is available in the "N.R.C. Antenna Reference Manual". However there is one mistake in the article that could be troublesome to DXers with limited space. On page #27 it states "The beverage effect begins to become significant as the antenna reaches about half a wavelength in size; this corresponds to 1825 feet on 540 kHz and 620 ft. on 1600 kHz....." Beverage effect does take place as the antenna reaches half a wavelength; but the values stated are really for a full wave. A half wave on 540 is 911 ft. and at 1600 it's 308ft. It's an easy mistake to make, but one which could keep a DXer from building a beverage if he didn't stop to double check them. G.P.N. arrived with these figures by dividing freq. in MHz. into 492 for an answer in feet, a standard formula. I've always divided into 468 to allow for the "end effect" on long wire antennas. For the most part the "end effect" will shorten the antenna about 5%. Thusly the following figures correspond to a full wave at the frequencies shown using both formulas::

kHz.	(492)	(468)	kHz	(492)	(468)
540	1822 ft.	1732ft.	600	1640ft.	1560ft.
700	1405 ft.	1337ft.	800	1230ft.	1170ft.
1000	984 ft.	936ft.	900	1093ft.	1040ft.
1300	756 ft.	720ft.	1100	894 ft.	850 ft.
1600	615 ft.	585ft.	1200	820 ft.	780 ft.

The "average" beverage is about 1,000ft. long which is just over a half wave at 540kHz. Figure #1 on page 26 shows a beverage installation with a length of 600ft. or more. This length should provide the beverage effect on frequencies above 800kHz. Increasing to 1,000 ft. will make a "tighter" pattern as explained, and will give almost 2 wavelength at 1600kHz. while being over a half wave down on 540kHz.

When properly terminated the "back lobe" should disappear, however for most of us this is "the impossible dream". The value of the resistor needed will vary up to 50 ohms from day to day. Unless you want a power supply to control a motor at the beverage's end which in turn will adjust a variable resistor, exact termination is difficult. If you can tolerate a minor lobe off the back termination within about 25 ohms or so is very adequate. The experiments carried on by DAN MYERS & I at the Toledo beverage gave some interesting results.

Our first attempt was about 10AM (8/17) while the ground was still wet with dew. We found the impedance came out to 514 ohms and terminated at 520 ohms using fixed resistors. The first check made was on 970kHz which is dominated by WREO without termination (and otherwise for that matter); but terminated WKHM Jackson, Mich. was well over WREO. Normally reception on 1120 & 1140 Khz. is difficult due to semi-local 50kw WCAR Detroit-1130. On the beverage WCAR was reduced enough to allow KMOX 1120 at about S-8 at 10:30AM. These experiments were conducted using only two 5ft. ground rods spaced about 8 ft. apart and "in line" with the antenna.

Afternoon experiments were made to double check the impedance of the termination resistor with a dry ground and to install a better ground. We added three more 5 ft. ground rods, one behind, and one on each side of the existing ground. This dropped the impedance down to about 275 ohms but INCREASED the back lobe. (G.P.N. states values of 400 to 1000 ohms are typical, so we started removing the new ground rods-one at a time). Once we returned to our original two ground rods the back lobe reduced and the impedance checked at 470 ohms. In theory the additional ground rods should have given us a better ground, but we can only assume that it is possible to develop a ground that is too good. Tests at the new impedance gave several un-expected results, although the WREO-WKHM situation was duplicated. On 1060-1580-and several other frequencies we had stations over normal pests. In one case a station DAN had chased for over a year at sunset became dominate,

Perhaps most interesting of all is the change in the termination value from morning to afternoon. As a further experiment we left the beverage terminated at 470 ohms for the early morning DX-peditions. As the antenna impedance increased with the dew on the ground we should have been about 50 ohms off true termination. Taking this into consideration the logging of KUUU 1590 Seattle at equal strength to regular NSP pest WAKR Akron is fantastic.

Had we terminated the antenna at 520 ohms for the DX-peditions it's very possible KUUU would have been over WAKR. If nothing else it shows that exact termination isn't necessary, and a value between the high and low impedances will work very well. For further information on these tests and the results I suggest you write DAN MYERS. I'm sure he'll be glad to explain all about how you can sit in the shade and listen to the receiver, while a fool (like myself) goes out to the end of the antenna and does all the work.



Midnight Sun BROADCASTERS, INC

KENI-KENI TV
ANCHORAGE

KFAR-KFAR TV
FAIRBANKS

KINY-KINY TV
JUNEAU

KTKN
KETCHIKAN

Radio: NBC-ABC

Television: NBC-ABC

March 25, 1969

Reply to:

KFAR • TV-AM
BOX 916
FAIRBANKS, ALASKA
99701

Mr. Tom McCormack
275 Littleton Street
West Lafayette, Indiana 47906

Dear Tom:

Thank you for your reception report of March 16, 1969. I am glad to hear we are reaching that far. My station operates on 10 KW 24-hours a day except between midnight Sunday till 6 A.M. Monday when we shut down for maintenance.

Your reception report is confirmed.

Sincerely,

Don Garrett

DG/jb

V-E-R-I-F-E S-I-G-N-E-R-S

580	W HmF	M. Gannaway, DoE	D	1280	W YpN D	P. Mazo, CE	A
600	CqF QhC	A J Koendevink, CE	F		W I V Y	C. H. Hall, CE	A
610	H J K L	Lucy Rodriguez C., S	F	1300	K V E T	C. A. Cremer, CE	F
630	W SpA V	B Strong, CE	A	1310	W GpK R	C. E. Roye, MngPtnr	A
720	R JqR	W. Matthews, CE	A	1300	W I B R	H. Coussou, CE	A
725	P ZqX26	u/u, D	A		W Y N G	R. M. Manfield, SpclProj A	A
730	W P A L	K Goodman, GM	E		W R K T	R. Scharder, TD	A
770	R JqR	W. Matthews, CE	A	1330	W B u L W	B. F. Pinzone Jr., CE	G
780	K S f P I	P. Basore, CE	C	1340	W D S R	C. Brinker, M	A
810	H J C Y	Sara G Zamudio C., S	A		W T A N	G. H. Diller, OpM	A
830	Y V L T	Ruben A Vivas, Adm.	A		W T Y S	G. R. Watson, CE	A
	W NqY C	A. Labatan, D	B		H R H 6	Heleodora Calix S., Ejec A	A
850	W I f V K	C. Scott Jr.	C		W A L R	A. T. Yerger II, CE	D
860	K A R S	V.W. Reimer, E	E	1350	C J C R	R. Lewis	B
	H I f L R	Neit R. N. Baez	F	1360	W Z N G	J. S. Zeart, CE	A
900	W K X A	R. S. Condit	B		K R Y S	L. Burch, CE	A
910	K R I O	C. Turb, VP	E	1370	W EpL V	u/u	D
	W O K K	R. W. Wall, CE	F		W K M C	L. J. Maierhofer, GM	F
920	K KrL S	W. Spitzer, CE, GM	E		W ApX E	C. C. Castle, CE	A
	W T R S	G. Manning, M	A		W W K E	E. Hester Jr., GM	A
950	H I C K	Roque C. Llenas, D.	A	1380	W A f O K	I. H. Miles, CE	C
	W K X Y	R. Kohlmeyer, CE	A		W I q C Y	R. G. Bealles, CE	C
	K I p T E	D. Stephen, CE	C		W T V R	V. Stant, CE	E
	W L L L	Mrs. E. Campbell	F	1390	W Ap P R	C. Shane, M	A
940	WhG RqP	K. Anderson, CE	D	1400	K E E Y	Kathryn Peterson, S	E
950	W KqA Z	L. W. Lovejoy, CE	F		WrK MhR	T. Haitson, E	F
960	W R f F C	T. J. Dewry, DoE	C	1410	W Zp S T	C. White, Sales M	A
	H J H N	(see HJCY-810)	Z		K BpU D	J. Short, SM	C
	W S B T	R. W. Bell, CE	F	1420	W D B F	T. Willis, CE	A
	W WpI T	M. Owens, PD	C		W B R D	R. W. Nelson, VP, GM	A
990	W HfO O	T. Sawyer, CE	A	1430	W B V X	P. P. Mann, CE	F
1000	W RUA R	R. W. Lowery	G	1440	K EfW I	J. A. CamObell, TD	C
1010	H J G J	(see HJCY-810)	A		W N F L	R. Henry, CE	F
	W MfO X	J. H. Johnson, CE	C	1450	K G C A	D. Moldenhauser, GM	E
1050	K Mry O	R. Davis, CE	E		K W P M	L. R. Thompson, CE	F
	W ApU G	B. O'Brien, PD	A		K S I G	P. Lizette, Nx D, PD	A
1060	W McA P	M. H. Baucom, CE	C	1460	K Sq O	G. Mhars, ESU	C
	K A M A	A. Rojas H.	F		W O K O	D. Abdo, CE	F
1070	W FqL I	J. Poteet	E		C J O Y	L. D. Smith, Eng M	F
1080	W J O E	J. Barnhill, CE	F	1480	W Ap B B	J. D. Rabin, CE	A
1110	W JfM L	G. H. Casey, GM	F	1490	WpR LmD	E. Giarce	C
	W Q Y K	D. Hibbits, AGM	A		W F A D	E. Parke, A	D
1150	W G E A	D. McGowan, PD	F		W T V L	D. D. Brown, VP	D
	K X L R	R. Loewy, CE	E	1500	W V O C	G. L. Ball, PD	F
	W G O W	R. Wilson, DoE	AC		W B R I	C. D. Flood, CE	AF
	Krv ImL	C. Slayton, CE	C		W Dp E N	E. Starr, VP, GM	A
1190	K M C W	D. Cox, CE	E	1530	K N I E	T. Rose, GM	E
	W AfY D	W. Sullivan, O	E	1560	W Y S E	J. H. Fleet, P, GM	A
	K E X	P. Mathew, CE	E		K K A A	Jean Lausten, GM	E
1220	W J U N	K. G. Callahan, CE	D		W SpD L	(Sheila Abney, S	A
	W F A X	M. A. Miller, CE	D			(G. Mayoral, P	A
	W SpO Q	u/u	D	1570	K L L A	J. Coburn, M	E
1230	K WpT X	D. Lovet, PD	C		K Q W C	C. Pringle, CE	E
1240	W W C O	J. J. Tomasiewicz, CE D	D	1590	W AfL G	J. Barnett, PD	C
	W WpO N	R. Deslauriers, CE	D		W SfM A	J. Sommerville, CE	E
	W FmP N	R. J. Estes, PD	D	1600	K N C B	Ruby Dowd, O, M	E
	K R D O	C. Upton, CE	E		K B O R	W. A. Wilson	E
	W E D C	A. Cueves	F		W P O M	J. M. Johnson E Consult A	A
	K Vfs O	V. Greer, CA	C			C R E D I T S	
1250	W G L	A. Ogrizovich, IRCA	F		A - Ron Schiller	D - Ron Musco	
1260	K Vfs F	M. H. Martinez, AM, E C	C		B - Stan Morss	E - Carl Dabelstein	
	W NfD E	C. J. Collingwood, EA	A		C - Karl Jeter	F - Karl Forth	
1270	W B H C	A. Gross	A			G - Ernie Cooper	
	W H B F	T. Arnold	F			"To me and not to VERIFY is like washing	
	K I M L	R. C. Luth	F			your feet with your socks on."	
1280	W GpS O	M. Reinhardt, PD	A			- Stoutfellow.	

Supremacy Ratings

Norm Maguire
2877 Kalakaua Ave.
Apt. 703
Honolulu, HI 96815

#	Title	Location	T.V.	CTYS	FOR.	Africa	Best
41	L. Kruse*	Iowa	4080	15	77	—	
34	W. Stone	Ontario	2910	32	2497	—	
36	N. Maguire	Hawaii	2843	54	2819	1	Algiers 1176 50kw
40	G. Allen	California	2812	58	524	2	Sierra Leone 1205 10kw
59	S. Drake	Pennsylvania	2415	56	315	3	Sierra Leone 1210 10kw
46	H. Holbrook*	Maryland	2319	100	701	25	WIND Morocco 1582 400w
31	F. Wheeler	Pennsylvania	1654	23	188	—	
33	R. Sperry*	Connecticut	1632	41	239	1	
39	C. Freeman	California	1493	63	353	1	Dakar 764
58	A. Merriman	Virginia	1460	89	314	12	Sierra Leone 1200 10kw
38	R. Anderson	Virginia	1444	102	510	28	WIND Nouvassar 500w
60	A. Rugg	Quebec	1430	59	1238	5	
58	E. Wesolowski	Nebraska	1405	22	135	1	Dakar 764
33	D. Reynolds	California	1348	75	468	2	Dakar 764 20kw
54	J. Starr	Ohio	1209	51	194	3	Agadir 935
47	R. Lutton	North Carolina	1049	23	142	—	
?	W. Willis*	California	925	55	129	1	R. Senegal Dakar 764
64	B. Reynolds	Missouri	865	26	104	—	
64	D. Whatmough*	Ontario	865	11	738	—	
34	H. Gustafson	Illinois	839	99	293	17	CR6RZ Angola 872
67	R. Eddie*	Missouri	609	12	36	—	
58	D. Phillips*	Kentucky	562	26	40	1	R. Senegal 764
63	G. Scrimgeour*	Ontario	526	47	440	1	R. Senegal
60	J. Smedley	Maryland	502	16	46	—	
62	C. Mohr*	New York	565#	22	103	1	R. Senegal Dakar 764
64	B. Porter*	Washington	460	22	52	—	
58	B. Dangerfield	Pennsylvania	416	114	339	30	Pisternaritsburg 845
65	R. Richman*	New York	412	10	60	—	
64	M. Sorensen	Manitoba	492#	13	358	—	
66	J. Burger	Holland	369	94	367	18	AFRS Wheelus 1594 1kw
67	J. Renfrew*	Maryland	366	16	51	—	
32	H. Wilkinson	California	357	66	334	2	Sierra Leone 1205 10kw
58	R. Leamy*	Ohio	305	44	110	2	Cairo 773
?	J. Neff*	New York	302	29	87	1	R. Senegal 764
62	T. Kerfoot	Ontario	288	11	222	—	
39	H. Roble	Massachusetts	262	89	147	12	R.Sahara Sp. Sahara 2kw
68	J. Pejza*	California	223	22	45	—	
69	B. Karobewski	California	204	8	29	—	
?	J. Shannon*	Pennsylvania	187	9	8	—	
?	B. Fait	Ohio	75	3	13	—	
?	M. Scheel*	Iowa	41	7	5	—	

Many thanks to all the members who have updated their Supremacy Ratings. Those with an (*) need to bring their totals up to date. Hope you will take time out during the DX season to let me hear from you. # indicates year started DXing. My apologies to Charles Mohr and Morris Sorensen for getting their totals below the proper line. Congratulations to Hilding Gustafson for reaching the 99 country total. Sure hope you get your 100th country soon. Good DXing to all. 73 and Aloha, 2/2/80

A REVIEW OF THE DYMEK DA-3 ANTENNA
by Pete Taylor

(Publishers' Note: The following is an informal review of the original Dymek DA-3 antenna. At the time the author purchased same, early last Spring, the list price was \$127.00. Following this review, the author returned the antenna with a copy of this, asking for a replacement unit under the assumption that this unit was defective. This was nearly six months ago. To this date, no replacement or reply has been received, and the price has risen to \$155.00, ostensibly for improvements occasioned by this and other reviews. Perry Ferrell of Gilfer Associates had many the same comments on the unit he tested. We hope that the improved model will become available for review by a DX'er in the near future. In the meantime, we advise that DX'ers hold off buying this unit.

It should be noted for the record, however, that the DA-3 was not designed as a DX'ing antenna. It's primary purpose was the reception of clear channel or regional station at a moderate distance for fringe area listeners, or for use when directional patterns or electrical noise prevent normal reception of a station from a moderate distance. It was not intended to match or approximate the performance of an air-core loop or of the Worcester Space Magnet series, all of which were designed specifically for DX'ers. *RJE)

In the process of testing the Dymek DA-3 antenna, I have prepared two charts to best illustrate its performance. These charts appear herewith.

Table 1 compares the loop with the outside longwire antenna using the R390 receiver. You will note that the outside antenna provides more signal strength on everything above 1370 kHz., readings taken with the loop in maximum output position. For each station, I maximised the loop peak as well as the antenna tuner peak on the R390. While it probably cannot be avoided, hand capacity influences the signal strength despite handling by the wooden end portion of the antenna at all frequencies over 900 kHz. This often made an exact maximum reading most difficult.

It should be noted that while front and back readings were pretty close when using the R390 (except for KKH, which made no sense at all) there was an incredible difference between the two using the Fisher receiver above 1260 kHz.

Table 2 compares the "front" and "back" signal strengths using the Fisher tuner. Since this was a visual thing (the Fisher has a "tuning eye" tube, not a VU meter) it was more difficult to compute. Readings in both peak positions of the loop (180° -roughly- apart) were taken. In both cases the DA-3 frequency knob was rotated for maximum signal (measured both visually and aurally) and then records were made of that frequency. As one can see, there were some stations where a maximum peak could not be achieved using both peaks on the antenna.

Like all items using FET's in the house, this unit received the difference frequency between KABL-FM on 96.1 MHz and KEAR(FM) on 97.3, that being 800 kHz. This resulted in a distorted modulation of KABL audio between 700 and 900 kHz., and again to a lesser extent from 1500-1600+ kHz. As a result, readings for KCBS-740 and KGO-810 may not be totally accurate, as it is very difficult to hear them at all using the DA-3. These stations diplex from a transmitter about 2½ miles away. This, as I mentioned, appears to be an inherent flaw in FETs in general.

On the positive side, on such frequencies as it is usable, 540-700, and 900-1350, it is a ball. I can completely null KROY to hear KMBY; KGMS to hear KTOM; and I can hear splits on 1125 and 1225 which just don't make it in here otherwise. Likewise, much of the neighborhood QRN is greatly reduced, except for a "gear-grinding" noise around 580 kHz. and 950 kHz.

(Further Publishers' Note: The author has not had experience with a Worcester Space Magnet at any time, and has not had any loop antenna at his current location, hence it is possible that the laudatory comments made are simply typical of any first-time loop user. Again, we wish to stress that we do not intend to denigrate the antenna, but simply to reaffirm that it was not designed for the use which is reviewed here, namely that is not intended as a DX antenna, and for this reason, comparisons with DX-ing loops may not be valid, although they may prove interesting.)

TABLE 1

EQUIPMENT: R390 RECEIVER
DA-3 LOOP ANTENNA
35' E/W OUTSIDE ANTENNA

DAYTIME: STATION/FREQ	(A) MAXIMUM DB: FRONT OF LOOP	(B) MAXIMUM DB: BACKSIDE OF LOOP	(C) MAXIMUM DB: LOOP IN E/W POSITION	(D) MAXIMUM DB: OUTSIDE ANTENNA
KSFO 560	63	63	63	31
KFRC 610	68	68	63	36
KNBR 680	63	63	61	36
KCBS 740	62	62	58	42
KGO 810	60	60	57	36
KNEW 910	60	60	50	45
KABL 960	59	58	51	45
KKIS 990	31	30	15	20
KSAY 1010	58	58	50	42
KOFY 1050	19	19	19	1
KFAX 1100	57	57	55	36
KRAK 1140	19	19	—	8
KLOK 1170	36	35	30	20
KNBA 1190	30	30	18	21
KIBE 1220	22	23	20	11
KYA 1260	28	29	25	20
KDIA 1310	52	52	46	47
KSRO 1350	2	—	—	—
KEEN 1370	20	20	17	20
KRE 1400	35	37	28	39
KVON 1440	—	—	—	3
KSOL 1450	—	—	—	5
KXRX 1500	—	—	—	9
KTIM 1510	14	12	8	20
KFBK 1530	9	10	—	18
KKHI 1550	23	18	23	35
KLIV 1590	—	—	—	11

NOTES:

(A) MAXIMUM DB NOTED ON WHAT APPEARS TO BE FRONT OF LOOP ANTENNA (SIDE WITH THE KNOB, WHICH IS USED FOR TIGHTENING LOOP'S VERTICAL MOTION)

(B) REVERSE OF ABOVE

(C) IN ORDER TO MAKE AT LEAST SOME COMPARISON WITH THE E/W ORIENTED OUTSIDE ANTENNA, LOOP WAS ALSO PUT IN FIXED E/W POSITION.

(D) OUTSIDE ANTENNA - ABOUT 35' E/W UP TO 10' OFF THE GROUND.

FYI: ESSENTIALLY SAME RESULTS ACHIEVED WITH FISHER 600 AM/FM TUNER. ABOVE ABOUT 1350KHZ, SIGNAL STRENGTH WAS SUPERIOR ON OUTSIDE ANTENNA.

TABLE II

EQUIPMENT: FISHER 600 AM/FM TUNER
DA-3 LOOP ANTENNA
35' E/W OUTSIDE ANTENNA

DAYTIME: STATION/FREQ	FREQ. TUNED IN FOR MAX. VU READING	
	FRONT OF LOOP	BACK OF LOOP
KSFO 560	560	560
KFRC 610	610	610
KNBR 680	690	680
KCBS 740	740	750
KQD 810	800	800
KNEV 910	900	900
KABL 960	950	950
KKIS 990	1000	990
KSAY 1010	1010	1030
KOFY 1050	1060	1040
KFAX 1100	1090	1100
KRAK 1140	1140	1140
KLOK 1170	1170	1170
KNBA 1190	1190	1180
KI 3E 1220	1220	1200
KYA 1260	1250	1240
KDIA 1310	1350	1260
KSRO 1350	1390	1330
KEEN 1370	1400	1350
KRE 1400	*	1400
KSTN 1420	1420	1370
KVON 1440	*	1400
KSOL 1450	1510	*
KNDI 1470	1560	1290
KMUN 1480	1630	*
KXRX 1500	1630	*
KTIM 1510	1640	1410
KFBK 1530	1540	1400
KXHI 1550	1510	1400
KLIV 1590	1610	*

* UNABLE TO GET MAXIMUM READING WITH LOOP REVERSED.

S**C**A**D**S

37

Another meeting of the Southern California Area DXers!

Yes, all DXers are invited... to... exciting POWAY!

The big date is Saturday November 23, from nine AM until whenever. One day only- this is the Saturday before Thanksgiving weekend.

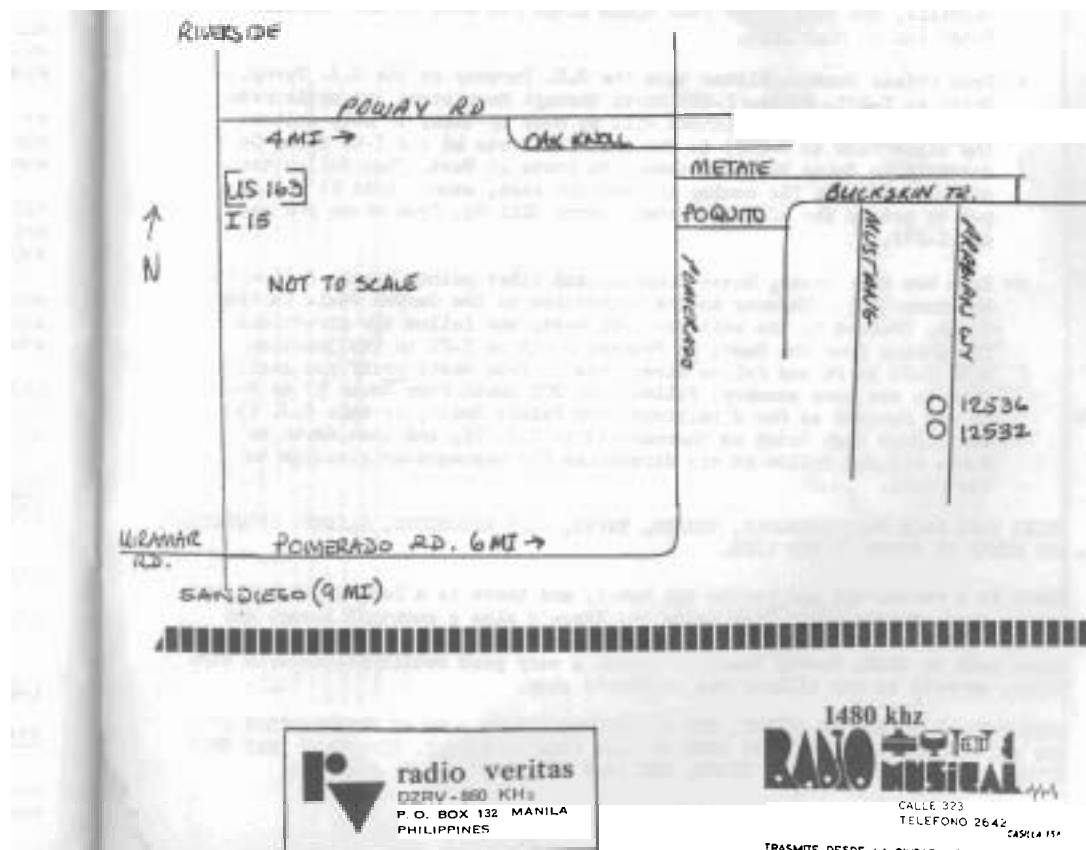
See an actual radio club put out an actual bulletin!
See exciting Poway!
See all kinds of groovy receivers, electronic gadgets,
and your favorite DXer friend! (Can you dig it??)
See John Kolb clean up his DX shack so you can get into it!

For further information, contact either John Kolb,
at 12532 Arabian Way, or myself at the above.
Phone numbers are: John 748-6405 Grant: 748-6538 566-1264

There will be a \$1.50 "registration" fee at the door,
or before, which ever is convenient.

Please let us know if you plan to attend!!

Attached is a map, hand drawn even



Radio "La Voz de Jipijapa"

HC4JV

UNA RADIODIFUSORA AL SERVICIO DEL PUEBLO, EL COMERCIO y SU CULTURA

En su Receptor 1.480 Kcs. Onda Larga

JIPIJAPA - MANABI - ECUADOR

radio veritas
DZRV - 860 KH
P. O. BOX 132 MANILA
PHILIPPINES

1480 khz
RADIO MUSICAL
CALLE 323
TELEFONO 2642
CASILLA 154

TRASMITE DESDE LA CIUDAD JARDIN DEL ECUADOR

WHEN ?? Saturday November 30 at 12 noon to Sunday December 1 at 6pm.

WHERE ?? The Mountain Motor Inn, Route 46 Eastbound, Rockaway, N.J.

HOW MUCH ?? Registration fee, which pays for the meeting room, will be about \$5.00 per head. If you wish to sleep over, contact the Motel directly. Meals will cost you extra, hi.

WHY ?? The NRC has sort of traditionally held a Thanksgiving Get-Together in the New York City area for many years. You get to meet other NRC'ers, discuss DX & related topics, see some equipment, DX in North Jersey, etc.

HOW DO I GET THERE ??

** From PA & points west via I-80: Leave I-80 at the Rockaway-Hibernia exit, and follow the signs to Route 46 Eastbound. Follow Route 46 a few miles past such places as Rockaway Sales & Shoetown until you see the Mountain Motor Inn on the right.

** From NYC & points North & East via I-80: Leave I-80 at the exit marked "Cherry Hill Road, Route 202, Mountain Lakes". Follow Cherry Hill Rd. to Route 46 West, where you turn left. Follow Route 46 about 6 miles thru Denville, and back under I-80 again until you come to the Mountain Motor Inn on your left.

** From Points South: Either take the G.S. Parkway or the N.J. Turnpike North to I-287. Follow I-287 North through Morristown (we anticipate that the road thru Morristown will be done by then, if not, follow the signs back to I-287) to the exit for Route 46 and I-80 East. Go directly to Smith Rd., and thence to Route 46 West. Then follow the directions above for coming in from the east, except that it's a mile yet to get to the aforementioned Cherry Hill Rd. from where you get off I-287.

** From New York State, Western Mass., and other points North: Follow the Harriman (N.Y.) Thruway to the connection to the Garden State Parkway South. Proceed to the exit for I-80 West, and follow the directions for coming from the East; OR Proceed South on I-81 to its junction with I-80 in PA and follow directions in from West; or if you really want to see some scenery, follow U.S. 202 South from Route 17 to Route 46 and proceed as for directions from Points South, or take N.J. 23 South from High Point or thereabouts to N.J. 15, and then south to Route 46, and follow it via directions for westward-origination to the place.

BRING YOUR RECEIVER, LOGBOOKS, VERIES, TAPES, TAPE RECORDERS, SLIDES, PROJECTORS, AND OTHER DX STUFF IF YOU LIKE.

There is a restaurant and bar in the motel, and there is a less-expensive, and pretty good pankake house just below it. There's also a cocktail lounge and package store across Route 46, and there's a smallish Lafayette Radio affiliate store next to that. Nearby Denville sports a very good retail electronics supplier, as well as our illustrious printer's shop.

MAKE YOUR PLANS NOW TO ATTEND, BUT BE SURE TO LET US KNOW AT HEADQUARTERS IF YOU ARE COMING, AS WE NEED TO KNOW HO MANY FOLK TO EXPECT. HOPEFULLY EVEN SUCH MYTHICAL CREATURES AS BOYD, STARR, MERRIMAN AND MUSCO MAY BE THERE !!!

This graph shows the daily variation in A₃₀₀₀ the F₂ critical frequency of geomagnetic activity (in MHz) in the South's magnetic field. High values of this A index usually result from a heavy influx of electrically charged particles into the upper atmosphere. Additional causes of such disturbances are the various medium-wave signal absorptions produced by one of these events in most instances in higher latitudes and which high frequency waves associated with heavy signal absorption along PA and TP paths very high values (above 400) are usually registered by D and E-region monitors over North America and Europe on such high latitudes in the north is observed. The maximum absorption for some periods may be delayed a few days after the geomagnetic disturbance or may occur simultaneously. Extended periods of low geomagnetic activity are necessary but not sufficient to guarantee excellent high latitude reception throughout the MW band; other atmospheric effects such as sporadic E and the winter anomaly may mask what would otherwise be excellent or following prolonged quiet.

