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## IN THIS ISSUE

Roll Your Own (Loop that is...) - Dave Fischer

### NEW MEMBERS

- \*J.A. Worcester, RD 1, Frankfort, N.Y. 13340
- \*Scott Brockway, 112 N. Crescent Dr., Rome, N.Y. 13440
- \*Raymond Dewey, 7 Caroline Dr., Bennington, Vt. 05201
- \*William Freemont, 1517 S. Robertson Blvd., Los Angeles, Ca. 90035
- \*Dale J. Green, 4230 Sovereign Way, Salt Lake City, Ut. 84117
- \*Charles G. Gray, Rt. #1, Arkansas City, Ka. 67005
- \*Jerry Heien, 3822 Marshall Court, Bellwood, Ill. 60104
- \*Paul W. Radzilowski, 7523 Nightengale, Dearborn Hts, Mich. 48127
- \*William D. Swiger, Shop 35 Comcrudeslant, Newport, R.I. 02844
- \*Timm Thorson, 67 New Ludlow Rd, Granby, Mass. 01033

Welcome to the NRC, gentlemen, we hope to be seeing your DX results often here in the pages of DX NEWS. This week we've broken all previous records for putting on new members in one week - 10! Most of these new members first heard about the NRC through "How to Listen to the World", World Radio TV Handbook, S9 magazine, or from one of the SW DX programs that are now regularly carrying information from DX NEWS. Our material in the latest edition of Communications Handbook has started a flood of requests for sample bulletins and membership applications; we look forward to putting on many more new members in the near future. Even so we'd like to remind you to send along the names of any possible new members to HQ and we'll see that they receive full information and a sample copy of DX NEWS right away!

### bpc takes off

As in previous years we will omit the Christmas issue (this year dated December 27th) because of mail and publication problems during the holiday period. The next issue of DX NEWS, dated JANUARY 3rd, WILL GO TO PRESS EARLY - ALL SECTIONS MUST BE RECEIVED HERE IN WATERTOWN on or before Monday, December 29th. Because of this disruption in our schedule it's most important that you get your CPC PROGRAM INFORMATION to Ernie Cooper as quickly as possible!

GPN

			SPECIALS		watts	E. S. T.	Info:
Thu. Dec.	18	C J O N	930	St. Johns, Newfoundland	10,000	1:00 - 2:00	NNRC
	18	C J C N	680	Grand Falls, Nfld.	10,000	2:30 - 8:00	NNRC
	18	C J O X	710	Grand Banks, Nfld.	1,000	2:30 - 8:00	NNRC
Sun. Dec.	21	V O C M	590	St. Johnss, Newfoundland	10,000	1:00 -	NNRC
	21	C F N B	550	Frederickton, N. B.	50,000	1:00 -	NNRC
Mon. Dec.	22	W J W L	900	Georgetown, Delaware	1,000	12:01 - 1:00	NNRC
	22	W J D A	1300	Quincy, Massachusetts	1,000	1:00 - 3:00	RLA
	22	K X R B	1000	Sioux Falls, S.O. Dakota	10,000	1:30 -	NNRC
	22	K L I X	1310	Twin Falls, Idaho	1,000	2:40 - 4:30	NNRC/ER
	22	K W J J	1080	Portland, Oregon	10,000	3:01 - 4:00	NNRC
	22	W S A L	1230	Logansport, Indiana	1,000	3:30 - 4:00	RLA
	22	K C L R	1530	Ralls, Texas	1,000	4:00 - 4:30	RLA
	22	Anguilla	1505	Anguilla, B. W. I.	500	4:00 - 5:30	NNRC
	22	K W V Y	1470	Waverly, Iowa	1,000	4:30 - 5:00	RLA
	22	K I R V	1510	Fresno, California	500	4:30 - 5:30	IRCA
	22	K E Z U	920	Rapid City, So. Dakota	1,000	5:00 - 5:30	RLA
Wed. Dec.	24	W N B F	1290	Binghamton, New York	5,000	ALL NIGHT	NNRC
Thu. Dec.	25	C J R C	1150	Ottawa, Ontario	10,000	1:00 - 3:00	NNRC
Mon. Dec.	29	W R Y T	950	Boston, Massachusetts	5,000	12:01 - 4:30	NRC
	29	W K N D	1480	Windsor, Connecticut	500	2:00 - 2:30	NRC
	29	W E E I	590	Boston, Massachusetts	5,000	3:00 - 4:00	RLA
	29	H I M S	570	Santo Domingo, D. R.	1,000	4:00 - 4:30	NRC
	29	W O N S	1410	Tallahassee, Florida	5,000	4:00 - 4:30	RLA
	29	W M E N	1330	Tallahassee, Florida	5,000	4:30 - 5:00	RLA
	29	K J N P	1170	North Pole, Alaska	5,000	5:00 - 6:00	NRC
Mon. Jan.	5	W K B R	1250	Manchester, New Hamp.	5,000	1:15 - 2:30	NNRC
	5	K A S T	1370	Astoria, Oregon	1,000	3:01 - 4:00	IRCA
Sun. Jan.	11	C B T	540	Grand Falls, Nfld.	10,000	11:30pm-	NNRC
Mon. Jan.	12	W J A G	780	Norfolk, Nebraska	1,000	1:10 - 3:30	NRC/IRCA
	12	W N X T	1260	Portsmouth, Ohio	5,000	2:00 - 2:15	NNRC/"

## NOTES:

- CFNB-550. Reports to Mr. Jeff Rivett, Assistant Chief Engineer.  
 VOCM-590. Reports to Mr. W. Williamson, Operations Manager, Box 4-590, St. Johns, Newfoundland.  
 WJWL-900. Reports to Mr. Kenneth K. Sleeman, Chief Engineer, Box 111, Georgetown, Delaware, 19947.  
 WJDA-1300. Reports to Mr. Fred Lane, Chief Engineer, WJDA, Quincy 02169.  
 KXRB-1000. Reports to Mr. John L. Breece, General Manager, Box 1101, Sioux Falls, S. D. 57101.  
 KLIX-1310. Reports to Mr. Rockwell D. Smith, Chief Engineer, Box 1259 - Twin Falls, Idaho 83301. Will use 1 kw/ directional 2:40-2:50 & 3:10-4:10. 5 kw. non-directional, 2:50-3 & 4:10-4:20. 500w non-directional PSA 3-3:10 & 4:20-4:30, all E.S.T. There'll be voice IDs, plus music and cycle tones.  
 KWJJ-1080. Reports to Mr. Rodney F. Johnson, President/Owner, KWJJ, 931 S.W. King Avenue, Portland, Ore. 97205.  
 WSAL-1230; KCLR-1530; KVVY-1470, and KEZU-920, no info at press time.  
 Radio Anguilla-1505, Anguilla, British West Indies. Reports to Mr. Roy Dunlop, Director, Radio Anguilla, The Valley, Anguilla, B.W.I. Christmas music is the likely format here, says JOHN TWEEDIE.  
 WNBF-1290. Reports to Mr. Le Marr Cox, Chief Engineer, 50 Front Street, Binghamton, N.Y. 13902.  
 CJRC-1150. Reports to Mr. Provencher, Chief of Broadcasting Programmes, CJRC, Ottawa, Ontario. Christmas music, following Midnight Mass and remember, this is a French-language station.  
 TIP: Look for other French-Canadian stations on late or all night on Christmas Morning with Midnight Mass, followed by Christmas Carols & lighter entertainment. Also watch for many LAs w/similar programs!

SEE ALSO LAST  
 FOR KIRV-4710  
 SINGS PAGE!  
 12/29 TUES.

## MUSINGS of the Members

Ernest R. Cooper  
 438 East 21st Brooklyn, N.Y. 11226

FRANK WALDRON - 65 Lakeridge Drive - Matawan, New Jersey - 07747

And the DX just keeps on coming, ladies & gentlemen! 11/21- WCOV-1170 mx, ID & pattern/power change @ 5:45pm u/WVVA. 11/22- WOKY-920 noted atop w/rr @ 5:23pm. WTVN-610 good 5:10-5:15pm w/FB scores, MoR & pattern change. WIP nulled. WRFD-880 just barely u/WCBS null w/WX & 5:02. 11/23- Much-wanted CJGX-940 finally @ 1:27 way u/CEM OC, mixing w/WINZ. v after the OC was shut off, CJGX dominated weakly r/rr for a while. MM 11/24- Surprising to find KDHL-920 atop w/WX & c/w @ 12:28, then KCXY faded o/them. KDHL was occasionally copyable during the next half hour. WITH/WNEB-1230 both off again for the third MM in a row. An unID s/off-Oh Canada @ 1:02, CJSA possibly. 1:45, I thought I had KTWO u/WEBZ OC and o/XEQR, but it turned out to be a WNEW spur. ORTF-1205 noted strongly @ 2, no Sierra Leone u/them. BBC-1088 very good @ 2:05 w/BBC NX. BBC was noticeably stronger than the Colombian on 1090 for a while. PM, WSIV-1140 o/u WRVA w/s/off @ 5:43, still no sign at all of KSOO @ SSS. 11/25- Unusual SSS CX found WEAW-1330 strong @ 4:27pm w/WX for Chicago, WEVD easily looped. Sticking on the channel, I found WHBL-1330 clearly atop ending Ae NX & ID by YL as "ABC in Sheboygan, this is WHBL." This @ 4:35. WEBO-1330 strong @ 4:44 s/off. And then 250w. WCCR-1580 11l. s/off atop @ 5:45. This one really gets out, as as they are heard w/a strong signal on monthly r/c. 11/27- CKCK-620 noted at 2:05 ending NX into c/w, WSUN not too troublesome. Who was the SS-690 w/mx, some of them U.S. pop, heard most of AM? They came in best w/CMBC nulled. XETRA isn't SS at any time, is it? 11/28- I caught the end of an ET/c/w from WKOG-1560, ex-WCIK ex-WKGO & ex-WCIK, 1:42. I already have them verified u/WKGO & WCIK, so I'm going for three in a row. Veries: v/q- KQMO-1000 XETRA-690. v/l- WIMS-1000 WJBC-1230 WYGO-1330 KWAM-990 WFMO-860 WRMT-1490 WMBO-1340 WFLO-870. v/f- CHIN-1540 WNCT-1070. Total count up to 1,010/629, 44/44, 10/9, 26/20. Log # 1,010 was in for form of WWLE-1170, now on RS w/MoR. They aren't too strong down here. The best to any EGAD members out there. (Egad - what's this? -ERC)

CHRIS LUCAS - 89 Round Hill Road - Fairfield, Connecticut - 06430

I've been home for Thanksgiving vacation, but not much DX accomplished due to lack of SSS Aurora, & MMs. I've been working on the FDXC, finishing the first entry sheet w/233 points. I tried for the Newfoundland DXes this morning 11/30, but no go here. Who is strong SS on 620 o/WSUN? (R. Tricolor, Cali -ERC) Two loggings while home: 11/27- New semi-local WWLE-1170, Cornwall, N.Y. logged @ 9am, but receivable here all day, weaker than WCNX-1150, but much stronger than WHAM-1180. WSWV-1570 Pennington Gap, Va. @ 5:29pm s/off, even w/mess, later WTQX heard for call change, but I don't count such as a new logging, and in most cases I don't even keep a record of hearing a station w/a second call. WSWV was Va. #60 here, WWLE, N.Y. #129. I've noted strong OC on 1350 several nights this week, probably WNLK, judging from strength. I note that WOWW-1380 is quite weak here, & they seem weaker than they did back in September, so this may be a toughie for many of you in the Mid-Atlantic states. Those of you to the SW needing (or looking for) Conn. stations, may have the best luck w/the following: WPOP-1410 WELI-960 @ SSS w/non-DA WTIC-1080, WINE-940. I think WPOP is the only directional station that favors the SW. Night patterns of WAVZ-1300 WELI-960 WNLK-1510 WTOR-610 WICH-1310 and others should make reception of these stations quite difficult. Listeners to the NW (Ont.) should look for WTOR-610, WBY-1590 WNLK-1510 WICC-600 WAVZ-1300. I would appreciate similar tips from those of you about 500 miles distant concerning stations in your state. (Ind., Ky., N.C., etc ) 73.

DAVID J. LONG - 66 Beattie Avenue - Lockport, New York - 14094

Greetings, NRers. This being my first Musing, I feel I should tell you about myself. I began DXing the MW band in 1964 & I didn't really go

4 into it seriously until last Winter. I've logged just o/200 stations since & I hope to greatly increase that total by the end of this season. Those currently heard include WABR-1440 & WBER-1580 in the early evening of 11/12 w/WBER s/off @ 5:30. 11/14, I found WNJH & WCRV on 1580 @ 7:30pm & I'm waiting for veries from each. KLIZ-1380 in Brainerd, Minn. was noted @ 6:15 that evening. Tuning the graveyards brought me WLAJ & WMID, both on 1340 @ 2:30am and 10:30pm on 11/22. These were heard after local WUSJ on the same channel s/off @ 10pm. MM 11/24 brought WPAT-930 while WBER Buffalo, a regular AN, left the air from 2-3am. That's it for now, so until next time, au revoir to all, & 73s. (Welcome to the NRC, David! We hope you'll Muse often! -ERC)

WEN 1401 - 9415 Goodrich Road - Clarence Center, New York - 14032  
WEGK was not heard last MM, only WGY. I didn't try for LWPC. I have been getting great Canadian reception on the low end of the band all week. 11/24- WOI-640 heard @ 5:28pm 3/cl mx until covered by HLO @ 5:43; KDHL-920 heard @ 7:11pm w/local NX & spotty reception until 7:37pm when completely covered by CKCY; CHLC-580 in o/all @ 8:44pm w/MoR & FF, clear ID @ 9pm. 11/25- WGAC-580 in well @ 5:27pm, ID @ 5:30 as "CBS Radio in Augusta", bad QRM from CFRA. 11/26- WICC-600 @ 6:31pm w/NX on top of all. 11/29- CHYR-710 @ 3:06pm w/rr, ID as "Cheer Radio". I have them verified as CJSP in 1961. CJET-630 heard @ 3:35pm w/rr, many time checks, u/CFCO & quite weak, WSQM-600 @ 4:32pm w/u/WFRM, CJEM-570 @ 8:24pm w/CBC FF program, ID @ 9 "Ici Radio Canada." Veries are WKOK on back of a CM, & CKOY very friendly v/l. C U Later.

GEORGE KELLEY - 118 White Street - Belmont, Massachusetts - 02179  
I followed up on the hot tip in the 11/29 DX NEWS stating that the Pirate WEGN-1605 was located in Waltham. This is indeed true! I am constantly amazed by the amount of information like this I can receive from the NRC. I only wish I could do more for the NRC, but my spare time is pretty much taken up w/V.F.W., K. of C., & Birch Society business. DX: 11/22- WGBB-1240 N.Y. ID popped up @ 3:30am. 11/24- Libya, Bayda-1124 heard weak @ 4:28pm w/Arabic chanting. They got worse as the evening progressed. Albania-1394 heard good @ 4:37pm w/NX in unID language. Several brief marches in between NX items. WCAR-1130 Detroit heard strong o/WNEW @ 4:53pm. Umn Droitwich-1088 really kixing it up w/probable Albania @ 5:02pm, EBC on top @ 5:05. CKTS-900 Que. good w/c/w in EE @ 5:13pm. 11/27- ZBVI-780 B.V.I. excellent w/cl mx @ 6:30pm, country #48. 11/30- 4VEBC-830 Haiti good @ 7:15pm s/religious programs in FF. 12/1- WQMA-1320 Fla. heard w/ET, ID @ 1:15am, no TP or mx heard; no sign of WCVR at that time. Total heard now 555. Joe Pella, my HQ-180 is an excellent RX when used w/the loop; however I do get a few spurs when the longwire is attached. Well, I must s/off now so I can go teach my weekly Sunday School class. God Bless.

BILL ALISAUSKAS Jr. - 7 Avenue B - Haldeon, New Jersey - 07508  
Hi gang! It's about time for me again, but before I go into new catches I'd like to give Dave Roys and his wife a big thank you for their hospitality on 11/29. Both my fiancée Brenda & I enjoyed meeting everyone and of course, I enjoyed renewing old acquaintances with those I knew previously. Again, many thanks, Dave, for a nice time! Now let's look at new DX: 11/26- Long-sought WTAC-600 in @ 10:55pm, way o/everybody. 11/30- Great reception, CHRD-1480 way on top 12:28am, WKNR-1310 1:17 (funny; we had mentioned them at Roys'!), KOVO-860 2:17am alone; KXOK-630 2:21am w/a Canadian, anybody know who? After 1 1/2 hours of that "Gospel religion", an ID on XEMO-860 3:30am - Man, I is saved, hi! Then 12/1, very unusual opening to New England by 2:15pm, umn WICE-1290 covering; then new WPEP-1570 @ 2:30, followed by WKXR, of all things, on 1540 @ 2:41pm, battling what sounded like WADK by programming. By 3:30, CX were favoring the D.C. area - umn WOOK-1340 covering, umn WEEL-1310 likewise, etc. Total now 975; 1,000 looks like a reality, maybe even by 1/70. That's it for this time. Best of DX to all, and 73 from the "Turquoise Terror" and me, hi! AS THEY SAY IN EATONTOWN, N.J., "WHUG." "WELCOME HANDS TENDER GREETINGS" - at the NY-NJ 1970 NRC Convention!

RICHARD E. WOOD - U. of Hawaii - Dep't of Foreign Languages - Honolulu 96822 5  
Verifications: CFRN-1260 Alta., first from Hawaii; CBM-940 Qua KMW-680 Wash. for TEST, most distant report; KTXJ-1350 Tex., most distant report, seems wild with delight and says it will frame my report on the wall w/the awards the station has won; KINY-800 Alaska, #11 from that State; KEDD-1550 Kans. #12 from Kans., KLEO now my only holdout; WBIR-1240 Tenn., State #12 on graveyards, first from Hawaii but has heard from N.Z.; KWYO-1410 Wyo., likewise; WOTO-540 Fla. when on 10kw.; KWFR-1260 Tex., most distant report (not including the fake report from the trickster in England whose childish fakeries turn up in the files of so many stations but whose falseness, alas, is not always recognized by the station; WLOU-1350 Ky. which has had reports from as far as Australia. Reports are out to KMWX-1460 Wash. for call change, KPMC-1560 Cal., WLDY-1340 Wis., a much-wanted new state, #38, WEVE-1340 Minn., WXCL-1350 Ill., the last three for r/cs, KRPL-1400 Ida., KBMI-1400 Nev., KRBC-1470 Tex., KJRY-910, KSNB-930, KQIK-1230, all Ore., KMER-950 Wyo. for TEST which came in beautifully, WIOD-610 Fla. (I'm delighted still to be logging new Fla. stations in Winter), WING-1410 O., KWSU-1250, KPQ-560, both Wash., KATZ-1600 Mo., noted on ET MM 12/1, KYW-1060 Pa. noted for six months but only now finally reportable u/CFCO, KSWA-1330 -1280 both Tex. on r/c. The severe storms which brought giant waves to Hawaii also brought the worst HNL I have experienced here. The waves hit most severely right at the spot where, a few moths ago, I impulsively rented a beach cottage, unloaded all my equipment, set up my loop, and was ready to begin DXing (at Sunset Beach, from which I had previously DXed mobile). The next day, I suddenly changed my mind, and, to the considerable annoyance of the landlady, moved out again. If I had stayed, at the very least, all my equipment, plus my QSL albums, would have been totally destroyed & I might not even have been writing this Musine.

FISH - Lincoln, Nebraska - 68508  
CX seem to be improved somewhat over those of the past several years. For those in the area w/RXes that have decent selectivity, the TAs are in, and signals are better than last season. The channels to monitor are 1214 1235 1554 1586 764 683 737 as standards. See IDXD for stations as well as pp.13-27 of the 112969 DXN. Chasing TAs from the Great Plains area of the USA is a true test of your patience and persistence! The channel that is the most free from powerful interference, USA style, is 1214 - look for EBC-1214 from lam to 2:30 or 3 at the latest. The carrier can be heard w/BFO almost every night, but chances of audio are about 20%. Certainly 764 Dakar is an easy African and the lkw. ZEM1-1235 is always in here w/audio, but around 2-3:30. Latest FDXC scores NRC (86.6), IRCA (31.4), NRC \*D (113.5), IRCA \*D (62.8), NRC \*F (59.7), IRCA \*F (0). There are almost 60 chaps in FDXC! ERC - you got a new typewriter? Looks great! Rumor has it that Ima Glotz is the CE at 650.0061321 NIBI running 8 trillion picawatts to 4" vertical & Dr. Starr has controlling interest in this money-making #1 random noise generator!

PAUL KIROY - 2113 Fort Davis Street S.E. - Washington, D. C. - 20020  
Country #30 veries arrived as v/PP ORIF-1205, Bordeaux. DX has been only fair. 11/29- SS on 790 @ 5:58pm gave Cuban ID., possibly your unID, ERC. (Nope, mine is right on 790 & is R. Atalaya-HJEW, ex-810 -ERC) R. Capital -1125 w/lengthy ID @ 8:23pm. I believe this is YNC. 12/1- No WCVR TEST heard, but on 1320 there was extensive testing. WQMA Fla. @ 1:38am & WCOG N.C. @ 1:58, all mixed w/WVOJ Fla. 1168, an SS IDed as R. Presidente @ 2:05am. Later @ 4, a note whistle such as used by some Mexican stations, was heard. Lisbon-II-755 fair @ 2:18am. No KMER or KSRA TEST heard. HJHN-960 had potent s/on @ 4:05am. YVNC-740 @ 4:20am. 12/4- 1188 an unID w/light organ mx @ 11:45pm. 12/5- UnID SSweak @ 12:05am on 905.

BILL ALISAUSKAS Jr. - 7 Avenue B - Haldeon, New Jersey - 97508  
Greetings! I guess this'll be two weeks in a row for me. Or two times in the same issue, hi! The new typewriter looks great, Ernie, but

Such a problem would likely be the cause of a station being heard maybe 5 to 20 kHz off their assigned freq, but without a matching signal at the same distance on the other side. I think a much more likely explanation for this problem could be a supersonic parasitic oscillation somewhere in the latter part of the transmitter. There have been cases of for example, bypass capacitors on the screen grid in the IPA (intermediate power amp) or PA stage opening up, setting up oscillations which are treated the same as supersonic audio modulation, and thus generating what appears to be "sidebands" and with the original, intended audio modulation appearing on them. Probably the Q of the antenna system in use there is too low to effectively suppress such off-intended-freq radiation and the difference in strength between the 635 and 645 could be an indication of the changes in their antenna loading at those 2 freqs. -Ed.)

Guatemala logged at good level on 635 Tuesday 12/2 2008 nx in SS by a man. Variety mx, incl marimba, current folk rock in SS, marches and fast piano solos. Man and woman take turns anncg. Does not usually ID on the half hour. Most likely in excess of 20 kW. Definite ID at 2300 then show tunes including "Rhapsody in Blue" at 2305. (Matt Zahner, Balto)(above?)  
 640 Colombia. HJBJ Santa Marta at 2300 11/30 with Todelar ID folo by local ID with call letters. This pulled out of a mess of 4 SS there at the time and strong for a few seconds before being buried again. Taped. (Conrad, Fla)  
 640 Guadeloupe. Basse Terre (This is at Pointe-a-Pitre, on Grand Terre, Matt) Hrd with solid half hour of cl mx till 2300 s/off in FF by lady. French anthem. Hrd 11/29 weakly under CMQ who were just about looped out. (Zahner, Md.) (The Basse Terre stn is supposed to be the 4kW relay on 1420. Which has not been reported on. The 640 outlet verified promptly for Merriman and your Ed exactly 2 years ago; 640 is often well hrd on ECNA in latter December appx 1815-1830 before CMQ has a chance to fade in. Those needing Guadeloupe would have a better chance at LSS than at s/off when CMQ is very strong and when there are many hets on the freq. You can be very proud of your late-evening reception, Matt -Ed.)

642 Surinam. RADKA with unID lang (Probably Hindi or other East Indian) noted 2000 11/30, very weak and not many other details. (Zahner, Md.)

649-5 Venezuela. Radio Girardot, YVLH hrd 11/30 2353, appx 500 Hz low (RJE)

655 No. Korea. "Radio Pyongyang" K.C.B.C. outlet with pips and tone at 1000 11/26 and signal strengthening to the point where I could cut a tape of a nice steady signal from 1000-1005 for another try at verifying this often hrd Commie. (Millar, Wash) (perhaps with your request for a veri, you should include a signed confession repudiating your violation of the Sacred Democratic Peoples' Air Space with your receiver waves. Whatever you do, don't ask them "now's Ship DX these days" hi -Ed.)

660 Colombia. Radio Uno, Cali HJJM good on 12/1, 0140-0200. Annot between records: La Hora en Uno, uno de la Manana... (Merriman, Va.)

690 Mexico. XETRA in fairly well 11/9 with ID at 0147, first time heard by me here in Ontario. (Scrimgeour, Toronto)

700 Guatemala. Radio Mundial TGHR at 2310-2330 11/30 completely dominating the channel with many Radio Mundial IDs and vocals, LA and US pop mx. However, was all in SS. There were several others well under them including Cuba on 699a and WLW was in the middle of "The World Tomorrow" and that kept them to a manageable level, hi. (Jerry Conrad, Haines City, Fla)

\*\* 760 Venezuela. Radio Puerto La Cruz hrd IDing at 2002 11/26 and is a possible change of freq from 770 perhaps to avoid Radio Nacional de Venezuela, now on 770. (Objio, D.Rep.)

780 Barbados. Was s-9 w/BBC nx 2200 11/4, ID and TC at 2210. (Scrimgeour)

780 Venezuela. YVOD, Ecos del Torbes, San Cristobal ID noted in passing at 0230 on 12/1, apparently now AN for Christmas. (Merriman, Va.) (I'd thot they always were AN, had they been off AN sked lately? Can't tell here, tnx to WABC and noise -Ed.)

800 Mexico. XELO hrd atop CKLW-CJAD-others 12/1 at 1835. (RJE, NJ)

823 Guatemala. TGTO hrd with best signal on 11/18 from 2345 onwards. Is the chime I often hear the 'electrical xylophone' that's listed WRTVH? (KGS)

830 Japan. JOBB "local-like" with call at 1000, 10/31 then pips and tone and anthem. On 11/18 I taped past the ending of the anthem and I find that JOBB apparently stays on playing a music-box type of tune, perhaps an IS, for a while, then into further pgmg; wonder if this is a Foreign Svce, VUNC, or ?? (Millar, Wash.) (Richard Wood, can you check? -Ed.)

870 Colombia. La Voz del Tolima, HJLA, Ibagué hrd for the first time here, ads on pgm "Noches de Colombia" and pop songs. Good w/loop. (Objio)

881 Wales. BBC Washford (isn't xmtr in Somerset Co., Eng? -killjoy Ed.) was about s-5 but not sufficient for a report 11/24 about 0130 ID hrd but audio poor. (Scrimgeour, Ont.) (We do count this in Country List as Wales do we not? This is same situation that Glenn Hauser raised with Monaco-Ed)

910 India. Lucknow hrd 11/28 1125 w/Indian duet, fair. (Wood, Hawaii)

919a Colombia. HJAE. Emisoras Fuentes was completely dominating the 920 channel on 11/12 from 0035-0115. Todelar IDs and telephone interview pgm on before 0100; WJAR bothered then only a few times. (Scrimgeour)

925 Aruba, Neth. Antilles. Radio Victoria was on with the Apollo broadcast on 11/19 and with an excellent signal, (often as high as local 930 signal) and listeded 0015-0045 to the "Sunshine Island of Aruba in the Netherlands Antilles" and reported them. (Scrimgeour, Ont.) Radio Victoria, PJA6 excellent on 11/10 1735-1810. All English including complete N.Y. Stock Market report. Back to the Bible at 1801. (Merriman, Va.)

935 Morocco. Agadir, a new country, loud from 0105-0136 11/18. Had AA religious pgm to 0123 then AA vocal and string mx, hrd thru CBM splash until latter s/off 0110, in the clear later. Reported in FF. (Sam Simmons, Mon)

957 Nicaragua. YNLU Radio Managua very clear with ID at 2245 on 11/27, had been more like 958 or 959 on 11/20. (Scrimgeour, Toronto)

970 Mexico. XEO, Matamoros, Tams. with clear ID at 0659 11/26, un-needed but a rarely heard one nonetheless. (Millar, Wash. state)

985 unID LA. Hrd the last few words of a s/off at 0006 11/17. Good audio but only a fair carrier. Anybody ID them? (Gray Scrimgeour)

990 Hawaii. KTRG very good 0530 11/24 despite KOMO OC on 1000. (Millar)

1000 Cuba. One hrd here 1848 12/1. No ID. (Russ Edmunds, NJ)

1020 Tonga. ZCO, Nuku'alofa. Hrd 11/28 0220 in Tongan, into EE at 0231. Remarkable strength, best since mid-summer in a big swing to southerly reception. (Wood, Hawaii)

1025 Colombia. HJER, Radio el Pacifico, Cali hrd for the first time since my La Jolla verie on 11/6 from 2358 to 0040. I was surprised to hear the British Grenadiers used as intro mx for RCN news! (Scrimgeour, Ont.) (Not half as surprised as the Grenadiers themselves would be, Gray. -Ed.)

\*\* 1114a Colombia. Caracol station here on 12/1, fairly good signal at 0100. All network pgmg, no local ID noted. A guess would be HJGH in Bucaramanga listed on 1120. This is listed in WRTVH as Caracol. WBT was silent so this one was in the clear. (Merriman, Va.) Radio del Comercio, Bucaramanga hrd (Cesar lists freq as 1115-Ed.) IDing at 2132 on 11/26 for the first time w/ads of Cerveza Nacional with "La Hora Nacional". (Objio, DR)

1124 Libya. Bayda quite good on 11/24 from 1701 when local WUST-1120 s/off. In Arabic at this time, sounded like a drama of some type, several people speaking and short periods of mx. Was all in AA from 1710 to 1725 when faded. Chimes hrd at 1729:30 and a man in Spanish at 1731, hrd Arabic mx again at 1740. Can't help but wonder if this is all from the same stn. Have not been hrd since and wonder if they are off or have gone directional? (Merriman, Fairfax, Va.)

\*\* 1135 Colombia. La Voz del Valle, HJEV, Cali, hrd for the first time with pop songs, ID every 2 records, 1946 11/27. (Objio, DR) (Note that HJAC Em. Rio-Mar used to be widely rptd here, believe now on 1129a, tho-Ed.)

- 1100.5 Colombia. HJBL, Ondas de Cienaga Grande good many eves, logged on 11/25, 2230 to 2305 s/off. Mostly romantic Latin music, ads for Agua Mineral de Colombia. S/off is usually at 2305 nightly with NA. (Merriman, Va.) Ondas de Cienaga Grande hrd with nice ID at 0022 on 11/12. S/off at 0025 with short version of Colombian NA. (Scrimgeour, Ont.) (Note discrepancies in s/off times. 2305 the most recent date's.-Ed.)
- \*\* 1167a Colombia. 99% sure that the stn here is HJDP, Radio Colosal, Neiva, hrd every MM with WWVA silent. Good signal but I just can't catch ID. (Merriman, Va.)
- 1187 Guatemala. Radio Sonora, TGT hrd here for first time 2047 12/1. (Russ Edmunds, NJ) Radio Sonora good many eves logged for report 11/25, 2100 to 2130. Christmas carols and some rock, ID as Sonora en Guatemala. Uses chimes occasionally during time checks. (Merriman, Va.)
- 1210 Hawaii. KZOO fairly good 11/13 with EE ID 0430, and full English s/off 0500; haven't hrd the Jap on this channel in years! (Millar, Wash.)
- 1220 Colombia. Radio Cordobesa, HJAV, hrd thru some QRM but clear when IDed at 2001, this logged when HIN was silent due to a blackout, hrd on 11/28 for first time. Other Dominican stns were off at same time, same reason. (Cesar Objio, Dom. Rep.)
- 1270 Hawaii. KNDI s/off quite well atop QRM at 0500, 11/17. (Millar)
- \*\* 1292 Colombia. Ondas del Puerto, HJKY, Girardot, hrd for the first time on 11/28, IDing at 2042, announcing time as "16 minutos para las 9" which was 2 minutes fast, pop Colombian songs. (Objio, D.R.)
- 1329 Colombia. HJAD Cartagena, Radio Vigia hrd at 0320 11/30 with many IDs as Radio Vigia en Cartagena between songs. Very strong over 1330 completely (only a Radio Reloj from Cuba there) and mx played was the equivalent of "country" in the US or "ranchero" in Mexico. Taped. (Courad, Fla)
- 1342 Colombia. Radio Calidad, HJFA, Bogotá hrd for the first time, pop records played continuously, stopped at 2258 for ID and ads, anncd freq as 1340 kcs, the time as 2300 with clock one minute fast, after this, pop records again, ads for "Costeña". (Objio, D.Rep.)
- 1375 Costa Rica. Radio Monumental strong here 0044 12/3. (RJE, NewJ)
- 1394 Albania. Hrd in Italian (I think) 0040 12/3. Bearing correct. (Edmunds)
- 1460 China. Huhehot, Inner Mongolia relay Peking Russian svce. 1135 11/20 very good although jammed. 620 and 1525 likewise. (Wood, Hawaii)
- 1475 Asiatic RSFSR. Radio Moscow IS heard 0659 11/21, unneeded. (Millar)
- 1480 China. Location unknown. Dictation-speed news in standard Chinese 1130 11/28, excellent, best Asian on entire band. (Wood, Hawaii)
- \*\* 1510 Dominican Rep. Radio Pueblo, HIBL is now here ex-1517 as of 11/24. (Objio)
- \*\* 1540 Dominican Rep. Radio el Mundo, Los Minas, Santo Domingo moved to this freq ex-1560 as of 11/27, usually wiyh pop songs. (Objio, D.Rep.)

### verification section

- 647 ENGLAND. Daventry. Specific letter and card, usual one, from Miss V.R. Pressman, for Chief Engineer, External Broadcasting, BBC, London, WC2. (Scrimgeour) (So, Miss Pressman is still there!! Now, who can find out whatever happened to Christine A. Carty of Radio Montserrat? Conrad, do you know, hi? Methinks lady verie signers have an instant claim to something, once their names are published in DX News! But, I dunno what...-ed)
- 737 SPAIN. RNE Barcelona, nice v/1 for taped report of 10/20, signer was Jorge Arandes, no title. Address Paseo de Gracia 1, Barcelona-7. Included pennant, travel folders, program schedule and postcards. (Merriman)
- 908 ENGLAND. Letter and card, signer same as 647. Also included the 1968-69 TV and Radio station list for BBC. Great Britain #6 and leaves 881-309-1340 and 1484 veries much wanted! (Scrimgeour, Ont.)
- 925 NETH. ANTILLES. Nice v/1 from Radio Victoria in 2 weeks, signed by Robert Catteau, Chief Engineer, address is P.O. Box 410, Aruba. Letterhead gives frequency as 920, however correct freq is mentioned in letter. (Alan Merriman, Va.)

### More Verifications

- 944 FRANCE. O.R.T.F., Toulouse-Pyrenees sent nive v/1 in French for taped report of 10/19. Signer is E. Severac, Le Delege du Directeur-General de l'O.R.T.F. Address is 78, allees Jean-Jaures. (Merriman, Va.)
- 960 COLOMBIA Radio Sutatenza, HJHN Barranquilla QSL folder from Bogota HQ, signature is illegible. Gives call for 960 as HJHN with 120 kW. There is no mention in the QSL folder of a station on 1010. (Merriman, Va.)
- 1205 FRANCE. ORTF Bordeaux sent verie on postcard, an aerial view of the Eiffel Tower and ORTF studios. In transit for one month, v/s is Andre Pascal, Public Relations director. Address simply as Radio-Television Française, Bordeaux. (Paul Kilroy, D.C.)
- 1420 MEXICO. XEF, Radio Corazón, Cd. Juárez, Chih. V/1 in EE from S.B.S., Spanish Broadcast System, 322 East Yandell, El Paso TX 79902, which is also the address for XEFV and XEWR. I am XEF's most distant listener. V/s is Malcolm E. Burdett, Executive Assistant. (Richard Wood, Hawaii)
- 1555 COLOMBIA. HJLP, Radio Espacial, Tuluá sent short v/1 from Miguel Ange Correa, Administrador. Address is Apartado Aereo 149 or Carrere 23, No. 26-37, 2° Piso. Both pennant and letterhead give freq as 1560. (Alan Merriman, Va.)

Alan Merriman has a request for the Regional addresses for the Spanish RNE stations. I believe we have carried the ones for such stations as Sevilla and Barcelona in the verie reports as individual items. If anyone has a list, it would be appreciated if we could borrow it to run in the section. Thank you.

Although we do not normally carry items pertaining to Long Wave reception, we did receive such a report during the TALT. Since we have several people, who we know of, who do follow LW DX, we will make an exception and publish the info. It should be noted that LW DX, if systematically observed and recorded, can provide a great deal of scientific usefulness in study of propagation cs. Our rpt is from Hank Holbrook, DXing from Fair Haven, Maryland. Hank uses a HRO-500 (and LW preselector, I guess, right?-Ed.) and a 60 foot long wire to the NE. DX time from 2000 11/7 until 0030 11/8. Each station listed below was checked for 3 minutes at the times indicated.

- |     |                  |           |          |          |                            |
|-----|------------------|-----------|----------|----------|----------------------------|
| 164 | Allouis, France. | R-4 to 5, | s-6 to 7 | at 2005. | Strongest LW or MW TA on   |
|     |                  | R-5       | s-9      | at 2130. | most any day. Often hrd    |
|     |                  | R-5       | s-8 to 9 | at 2230. | when other LW TA's not     |
|     |                  | R-5       | s-9      | at 2345. | being hrd.                 |
| 200 | Droitwich BBC.   | R-3 to 4, | s-4 to 5 | at 2005. | When TA reception is in    |
|     |                  | nil       | nil      | 2130.    | well, Droitwich is often   |
|     |                  | nil       | nil      | 2230.    | s-7 or better.             |
|     |                  | nil       | nil      | 2345.    | (nil-probably off air.)    |
| 180 | Europa 1 -Saar   | R-3       | s-3      | at 0030. |                            |
|     |                  | nil       | nil      | 2005.    | Not sure of sked on this   |
|     |                  | nil       | nil      | 2130.    | one. This fall, when cx    |
|     |                  | nil       | nil      | 2230.    | are good, this is as good  |
| 233 | Luxembourg.      | R-4 to 5, | s-6 to 7 | at 2345. | as Allouis-164.            |
|     |                  | R-4 to 5, | s-5 to 6 | at 0030. |                            |
|     |                  | nil       | nil      | 2005.    | This one QRM'd by beacons. |
|     |                  | R-2 to 3, | s-5 to 6 | at 2130. | Fairly good for awhile at  |
| 155 | Rumania.         | nil       | nil      | 2230.    | appx 2130 then just faded  |
|     |                  | nil       | nil      | 2345.    | away!                      |
|     |                  | nil       | nil      | 0030.    |                            |
|     |                  | R-3 to 4, | s-4 to 5 | at 2230. | Doubt if on air prior to   |
|     |                  | R-2 to 3, | s-3      | at 2345. | 2230. Not frequently noted |
|     |                  | nil       | nil      | 0030.    | here.                      |
|     |                  |           |          |          |                            |

- 1160.5 Colombia. HJBL, Ondas de Cienaga Grande good many eves, logged on 11/25, 2230 to 2305 s/off. Mostly romantic Latin music, ads for Agua Mineral de Colombia. S/off is usually at 2305 nightly with NA. (Merriman, Va.) Ondas de Cienaga Grande hrd with nice ID at 0022 on 11/12. S/off at 0025 with short version of Colombian NA. (Scrimgeour, Ont.) (Note discrepancies in s/off times. 2305 the most recent date's.-Ed.)
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- |     |                  |   |   |  |  |
|-----|------------------|---|---|--|--|
| 164 | Allouis, France. | R-4 to 5,<br>R-5<br>R-5<br>R-5              | s-6 to 7<br>s-9<br>s-8 to 9<br>s-9        | at 2005.<br>at 2130.<br>at 2230.<br>at 2345.<br>at 0030. | Strongest LW or MW TA on most any day. Often hrd when other LW TA's not being hrd.         |
| 200 | Droitwich BBC.   | R-3 to 4,<br>nil<br>nil<br>nil<br>R-3       | s-4 to 5<br>nil<br>nil<br>nil<br>s-3      | at 2005.<br>2130.<br>2230.<br>2345.<br>at 0030.          | When TA reception is in well, Droitwich is often s-7 or better. (nil-probably off air.)    |
| 180 | Europa 1 -Saar   | nil<br>nil<br>nil<br>R-4 to 5,<br>R-4 to 5, | nil<br>nil<br>nil<br>s-6 to 7<br>s-5 to 6 | at 2005.<br>2130.<br>2230.<br>at 2345.<br>at 0030.       | Not sure of sked on this one. This fall, when cx are good, this is as good as Allouis-164. |
| 233 | Luxembourg.      | nil<br>R-2 to 3,<br>nil<br>nil<br>nil       | nil<br>s-5 to 6<br>nil<br>nil<br>nil      | at 2005.<br>2130.<br>2230.<br>2345.<br>0030.             | This one QRMed by beacons. Fairly good for awhile at appx 2130 then just faded away!       |
| 155 | Rumania.         | nil<br>nil<br>R-3 to 4,<br>R-2 to 3,<br>nil | nil<br>nil<br>s-4 to 5<br>s-3<br>nil      | 2005.<br>2130.<br>at 2230.<br>at 2345.<br>0030.          | Doubt if on air prior to 2230. Not frequently noted here.                                  |

Hank also sends along the following notes. Czechoslovakia-272: not logged. "I have yet to hear this one but am always trying for it. When cx are really good, it should make it." Beromünster, Switzerland-529; "Tuned for this one from 0010 to 0045 off and on, have yet to hear this one." (Hank, when I was living near Munich, I could hear them in daytime on GW, but extremely weakly considering the distance, power and freq; I guess they are shielded by local tall mountains-Ed.) Monaco-218. Not hrd during TALT. Occasionally makes it when cx are really good. Other LW channels also checked but nothing noted here. Earlier this Fall, I heard an Arabic station on 209 kHz, on 10/4 I had them from 1815 to 1902 EST s/off. This was the only time I hrd them, and strangely enough, the other TAs including Allouis were NOT noted! I got to the cottage too late for this one. I believe this is Beni Mellel, Morocco. Can anyone confirm this? On 10/18 I had Arabic station on 529 kHz from 1831 to 1851 s/off. Too late getting to cottage to try this. Is this Morocco or Algeria? (Conrad logged Ain Beida here 1840 11/15. Believe it's surely Algeria-Ed.) Other LW TA's confirmed in past years, but not hrd on 11/7 include West Germany on 151 and Warsaw, Poland on 227. --all the above from Hank Holbrook.

Gordon Nelson, using a RBB Navy Surplus receiver, purchased for some 50-odd dollars (it's a 3-stage TRF and tunes pretty broadly but has good sensitivity -Ed.) and a loop antenna, same general dimensions as a BCB loop but with many more turns of wire, reports the following synopsis of LW cx during the TALT:

Allouis-164 Hrd fair to good.  
Germany-180 Hrd fair. (This station is known as Europe One)  
Luxembg-233 Hrd poorly.

I wish to reiterate that we are a BCB DX organization, and do not actively solicit reports of receptions on either the LW band or on the tropical broadcasting bands in the 2 to 3 MHz range. However, we do make an exception when it's generally felt that the interest or value of such information warrants it, as witness the above report. I for one am interested in the prospects and possibilities of LW DX (Especially it's relation to auroral disturbances, and the probability of trans-polar reception of the Deep Siberia stations, e.g. Yakutsk, Irkutsk) (which are not to be found on the standard BCB). As is well known, the extremely low-frequency waves of 10 or 15 kHz propagate virtually by groundwave. Perhaps 150 or 200 kHz waves would show enough independence of ionospheric perturbations to make meaningful DX regularly possible.

If there is enough interest in LW DX, and I think there is, we are willing, and encourage, reports to be submitted concerning receptions of stations heard here. (Broadcasting stations only. NO BEACONS!-Ed's bullheaded ruling and dictatorial prerogative, hi) We will make space, from time to time, to include such material.

Further, your IDX Monitor Reports editor has details on loop antennas, of a shielded, resonated variety, suitable for VLF reception. I will provide details by private correspondence to anyone interested, if you will contact me.

That's all for this week. Thanks for your continued support. 73 Bob

## dis-a & data

# This station was located in Azilal, Morocco (in Bani Mallal Province) and went on the air on 209 kHz on November 14th, 1968. The power was quoted by Moroccan authorities as "100 kw", "400 kw", and "800 kw" at various times. Since September of this year this station was heard with good signals in Arabic around 1800 most nights here in Massachusetts; the station went off the air on October 17th "temporarily for technical reasons" and has not been heard here since. I've been sitting on this information for some time since we haven't been running LW information here until now; I agree with Foxy that this type of material should be run in IDX because of the very good observed correlation between auroral absorption events on MW & LW-

(Gordon Nelson)

# DOMESTIC X DIGEST



EDITOR:

Russell J. Edmunds  
Box 946  
Wayne, N.J. 07470

Hi there, gang. A few minor changes unveiled this time around. We will be including a brief outline of propagation patterns for domestic DX here whenever space and time permit, therefore, whenever you notice a particular pattern to your loggings, such as an opening to the Northwest, or Auroral CX to the South, just jot down a brief note with your submissions, and I'll try to correlate it all, and make observations. Lately, CX have continued to be primarily Southern, with occasional Western openings. Noise level has been extremely high throughout the East Coast for nearly a month now, and we have undoubtedly entered the legendary Midwinter Anomaly, whatever that means, hi.

## midnite to sunrise

- 540 CBK-Sa- Hrd 0210 11/27, amnc'd s/on @ 0655 at s/off. (Paul Hart, Texas)  
550 unID Classical concert mx hrd here 0308 12/7. Looped vaguely SSW, but doubt if KTSA. Rock solid +20/S9. (rje)
- 570 WKYX-Ky- S/off 0100 11/18. (Frank Wheeler, Erie, Pa)  
WWNC-NC- S/off 0105 12/2, no SSB. (Dave Fisher, Lincoln, Nebr.)
- 620 KWFT-Tx- Surprising signal in auroral cx 12/3 0100 s/off (SSB) w/ WTMJ absent due to cx. (Bob Hostettler, Minneapolis, Minn.)
- 640 KFI -Ca- Hrd fair sigs 12/8 0205 w/ Cuban looped. Religious pgm. (rje)  
CBN -Mf- DX NOT hrd, as to null Cuban was also to null CBN, and just couldn't pull it out, if it was there. (rje)
- 650 unID' EE talk show w/ no ID's at 0415 or 0430 hrd 0410-0440 12/8, u/WABC's parasitic in AXR, looped vaguely west (rje)
- 770 KUOM-Mn- Hrd 0418-0213 12/2 w/ ET TT mx ID's. (Hostettler)  
930 WTAD-IL- 12/2 soff 0102, w/SSB. (Fish)  
950 KDSX-Tx- 12/2 0105 s/off no SSB (Fish)
- KMER-Ky- Hrd on DX TEST 12/1 0419-0433 w/QRM from KPRC (Hostettler)  
WPEN-Pa- Suddenly appeared u/ KMER @ 0430 12/1. (Hostettler) Is NSP, Bob
- 970 WAVE-Ky- Popped in after WWSW s/off 0304 12/7 (rje) (rje)
- 1020 KGBS-Ca- In weakly @ 0248 12/8 u/ SS (rje)
- 1090 XERB-BCN- Not quite domestic, but is KGS's unID w/ABA BKB, as hrd [redacted] date, time w/ spots for tire company in Anaheim, and ID.(Starr)
- 1190 KRDS-Az- Finally clear enuf for report 12/1 0243-0305 (Hostettler)  
1200 unID 12/2 0150 w/ C&W, ID. Potent for 250 watts (Fish)  
Possibly CFFB. Same details as Javetski's logging a few weeks back. EE amncr, US rr, weak u/ SS & TT. Hrd 12/8 0255-0340. Taped ID, but so far, can't make anything of it. Only other guess is an AFRS XR in P.R., which would be roughly close bearing-wise. (rje)
- \*X 890 WLS -IL- Had TT 12/8 0200-0300, and Off 0300-0400+, is NSP. (rje)  
1280 WDSU-La- 12/2 0150-0200 w/ TT & Voice ID's (Fish)
- 1300 KVET-Tx- Hrd w/ c&w 12/1 0323-0349 instead of usual WMAK. Auroral cx responsible (Hostettler)
- 1310 WNAE-Pa- Better than expected on DX TEST 12/1 0210-0236 (Hostettler)
- \* 1440 WNPV-Pa- Testing 0100-0110 11/18 (3rd Tues, not 3rd Mon as listed) w/ Tone & Mx plus ID's (Wheeler)
- 1460 WMBR-Fl- Hrd [redacted] at 0030 s/off 12/1 in auroral cx here too. (rje)  
1470 CFOX-Qu- A surprise in rr 12/1 0353-0418 (Hostettler)

- 1480 unID Hrd w/ mention of "The Garden City" w/ rr & c&w. Hope it's not unn. pest WRDW. (rje)  
 \* 1550 WYNX-Ga- Had ET 12/1 0000-0010, tho' may have started earlier. C&W mx, w/ carrier cut off several times, then back again. ID's also. In very well w/ CBE's +40/9. (rje)...also unID rr there...rje  
 1560 WKOG-Ga- Testing 0110-0130 w/ mx, ID's 11/28 (Wheeler) Per Broadcasting, WKIK has applied for this call after refusal of WKGO, tho' I've seen no notice of FCC approval yet. (rje)

### SUNRISE

- 710 WTPR-Tn- 12/3 s/on 0715 w/ "Dixie", a very potent 250 watts (Fish)  
 730 WJMW-Al- 12/3 s/on 0745 no SSB, but beautiful signal (Fish) I'll take a beautiful signal over an SSB any day, hi ....rje  
 780 KSPI-Ok- 12/3 s/on 0815, no SSB. (Fish)  
 WJAG-Nb- 12/3 s/on 0816, no SSB. (Fish)  
 1110 WKRA-Ms- 12/1 s/on 0800 w/ SSB. (Fish) Finally got an SSB, huh...rje  
 1390 WTJS-Tn- 12/2 s/on 0500 w/ SSB, nx. (Fish) Nobody else gets up this early, eh? ...rje

### SUNSET & EVENING

- \* 560 KLZ -Co- Hrd DJ announce AN as of this date 12/1 2337 (Fish)  
 630 CFCO-On- This atop CKRC w/ KDWB off due to fire, 1030 12/1. (Hostettler) (Wrong section, dermit -rje)  
 1010 KLRA-Ar- Strongest signal ever in Aurora 11/30 1800. (Hostettler)  
 1130 KWKH-La- One of the strongest on dial 1810 11/30, w/ almost no trace of WDGX. (Hostettler) ... wish my local here would just disappear like that...rje  
 1350 KABQ-NM- 12/3 at SSS w/SS. (Fish) ...time? ...rje  
 1370 KFRO-Tx- 12/3 2315 for a newie. (Fish)  
 WLTH-In- S/off 1730 11/24 hrd. (Wheeler)  
 XX 1600 KNCB-La- 12/1 s/off 1815, SSB (Fish)  
 1550 KKJO-Mo- Well atop all 3 Wisconsin stns. w/ rr as early as 1615 11/30 in Western Wisc. (Hostettler)  
 1570 KOLS-Ok- Alone and beautiful @ 1815 s/off 11/30 w/ SSB (Hostettler)

### CHANGES

- 630 KDWB-Mo- Is now 1000 D 250 N U-1 "for quite a while" after fire destroyed regular XRs on 11/30. Was off 1830 11/30 to 0910 12/2, then again 0730-1815 12/2 for "technical adjustments" (Hostettler)  
 \* 720 KIQQ-Nv- This one is testing now, w/ call as listed. No notice of this call or even an application for it in Broadcasting, tho. (NRC)  
 990 WBOG-Pa- Now AN-6, off M1 0000-0600. (Dave Schmidt, Pa.) ...DROP DEAD yerself, Dave, and welcome to DDXD...rje  
 1080 KRLD-Tx- Is off 2 MH's per yr. for maintenance, will try to see which ones. (Hart, Texas)  
 \*\*1250 KFTV-Tx- Is using call KFTV now... (Hart) Again, no notice...rje  
 X 1230 WYVA-Va- SCH: 0600-0000 7 days. NPT: Ac (Schmidt)  
 1580 WFOC-Ma- Announcing going to 50000 D soon. (Schmidt) ...Which, since, once again, nothing in Broadcasting, probably means they just applied for it, which in turn, means about 2 years, hi... rje  
 + 1600 KYAL-Tx- On w/ 5000 watts. (Hart)

### SUPPORT

Oops, one more..... 1160 KCRB-Ka- granted KKOY. (rje)

o o x d !

Notes from all over Dept.: Dave Lewis, 1240-Soddy, Tn. is 1000/250 U-1.

1150-Jasper Ala is correct as listed.

Anyone w/ any info on any of the following CP's, for which I only have locs, please help: ANANDARKO, OK.; WOLFEBORO, N.H. ; NOBLESVILLE, IND. 73, rje

(2½ days via Special Delivery N.J. to Boston last week...)

Once again, it seems to be a small column. Deadlines are now set at Monday noon mail, so please mail accordingly. And, please, .... many of you are hearing the DX, so how 'bout reporting it to DDXD?? Without further ado, here's the show for this week.

*after midnight*

- 730 CKAC-Qu- Had ET/TT/OC 0200 on 11/24, back to RS by 0231 (Starr, Ohio)  
 CKGA-Nf- DX TEST NOT HRD. in North Jersey. Channel was all CKAC/XEX. (RJE & Page Taylor, Butler, N.J.)  
 X 620 CKCM-Nf- DX TEST NOT HRD. in North Jersey. Channel jammed by unID SS, (cx good to South that AM) (11/30), WSUN,WTMJ. (RJE & PT)  
 810 WEKG-Ky- NO SIGN of this test, good second carrier, but unID as no audio. Doubt very much they were on. (Starr)  
 \* 830 WCCO-Mn- Rare SP/ET 11/24, thus got gd tape on KIKI in JJ 0510. (Starr) -some guys have all the luck-rje  
 \* 960 WRFC-Ga- Had unlisted f/c 0115-0130 11/30. ID's every 2-3 mins. TT. Would be either 5th (or last) Sun., 30th of mon., or last day of month, but dunno which. (RJE)  
 1140 KRAK-Ca- In well w/ jammer looped w/ Hour of Decision pgm. 0106-0125 11/24. (Starr)  
 1190 KRDS-Az- Excellent w/ c&w mx 0200 11/24 on a very good AM for West. (Starr)  
 X\*1150 CKX -Mn- In o/u CKOC w/ C&W & Top 40 mx past 0300 11/24, correct log. =  
 1240 WEDC-IL- Atop the mess well w/SS pgm. 0130+ 11/7. Pgm. called "Buenos Dios Chicago" (Starr) ...guess that's as good as anything..-rje  
 1320 CHQM-BC- Atop frequently 0130-0200 11/24, several clear ID's on tape for B.C. # 4. (Starr) #5&?# 1 -rje  
 WKAP-Pa- Had ET/TT/Mx ending 0138 11/24 (Starr)  
 1400 WDWS-IL- Hrd w/sports & s/off 0110 11/10 (Starr)  
 + 1490 WHSL-NC- Atop 0120-0145 11/17 w/ C&W mx. Announced AN, so new sked. (Starr)  
 1500 WTNE-Tn- Now unlisted f/c w/ TT & ID's 0130-0145 on 11/21 (Starr) That'd be 3rd Friday -rje  
 X\*1480 WJNE-Fl- Had f/c w/ Dixieland mx TWICE this week; the r/c 11/17 0120-0140, and 11/21 0116-0128 also announced as f/c. Hmmm. (Starr)  
 CHRD- u- Hrd 11/30 0135 where WISM useta be. Maybe the latter's new pattern is on, as they were quite weak. (Rje)

### SUNSET & EVENING

- 610 WSLS-Va- Hrd 1710 11/24 w/ no sign of regular WIP (Page Taylor, Butler NJ)  
 1030 KOTA-Tx- Hrd w/ Evangelical religious pgm w/a Dr. Smith o/ weak MBZ and w/ ID @ 1830 11/28. (Taylor)  
 1140 unID LPRT hrd w/FF CBC ID 1845 11/24, no sign of WRVA. Must be Malartic, but not sure. (Taylor)  
 1460 KMWK-Wa- Hrd w/ this call 11/13 2115. (Len Lockwood, Olympia, Wa) Lost this last week, sorry -rje

### CHANGES in DATA

- 630 WMAL-DC- Is still U3, CP not yet installed (Rick Marr, Maryland)  
 + 650 WSM -Tn- SP starts 0100, not 0000. (RJE)  
 + KIKK-Tx- PSA:250 (Rje, as is next item)  
 + 680 WRNG-Ga- Granted CP for incr. to 25000 D-1. Seems funny somehow, but...



- + 1090 KVDB-Ia- Is on, 500 D3 (RJE)
- KNCR-Ca- Anybody have the power and antenna pattern on this one? Is ex-KLXF, ex-1280 in Fortuna. (RJE)
- + 1310 WEEL-Va- SCH: 0600-0200 (Marr)
- + 1340 WOOK-DC- SCH: 2 1/2 hrs. NSP (Marr)
- + 1390 CP -Fl- Avon Park, 33825; 1000 D1; Box 966.(RJE) Another local for JKC.
- + 1440 KPRO-Ca- SCH: 2 1/2 hrs, off Sun. AM. (NRC)
- + 1450 KOWN-Ca- SCH: delete AN (NRC)
- + 1490 KDB -Ca- SCH: 0658-0400 (NRC)
- + 1520 CP -NC- Warrenton, 27589; 1000 D1; Box 542 (Rje)

R/C's hrd: All by Taylor: KWYO-1410; KWLA-1530; KMG0-1550

All items noted "(NRC)" mean I swiped the info from somewhere else in a previous bulletin....

First issue of monthly updater is in 2 weeks. To answer a few questions, all info appearing in DDxD preceded by a "+" will be re-listed in the updater, along w/ non-immediate info, such as PSA's, net changes... Please excuse the all-too-frequent out-of-order listings. These bugs will creep out with practice.

Since there's nought else to put into this space, I'll pass along some BKB and HH (Hockey) nets. Or rather, the originating station for each team. If a team isn't listed, its because at the time this info was originally printed, there was no coverage on an organized basis. A letter to the station listed could yield a full net list, if they supply a feed.

#### NATIONAL HOCKEY LEAGUE....

Boston Bruins: WBZ-1030  
Chicago Black Hawks: WGN-720  
Detroit Red Wings: WWJ-950  
Los Angeles Kings: KABC-790 (weekends only)

Minnesota North Stars- WCC0-830  
New York Rangers: WHN-1050  
Philadelphia Flyers: WCAU-1210  
St.Louis Blues: KMOX-1120

#### NATIONAL BASKETBALL ASSOCIATION:

Atlanta Hawks: WSB-750  
Baltimore Bullets: WBAL-1090  
Boston Celtics: WBZ-1030  
Chicago Bulls: WHN-720  
Cincinnati Royals: WLW-700  
Los Angeles Lakers: KABC-790

Milwaukee Bucks: WTMJ-620  
New York Knicks: WHN-1050  
Phoenix Suns: KTAR-620  
San Diego Rockets: KFMB-760  
San Francisco Warriors: KNBR-680  
Philadelphia 76'ers: WCAU-1210

CX in Jersey, and apparently over much of the East, have been fairly auroral, with much SS and Southern stations all over the dial, and an extremely high noise level. Not so much static, but just plain NOISE. Haven't hrd a TA (ooh dirty word in this column) since the TALT. Mostly just abnormally lousy CX. Must be the midwinter anomaly.... oh that sounds nice, that word "anomaly". Wonder what it means. Will leave whatever's left for GPN to fill in, so

**HAPPY \*  
HOLIDAYS!**

*BKB*

## Roll Your Own!

by GHOTI

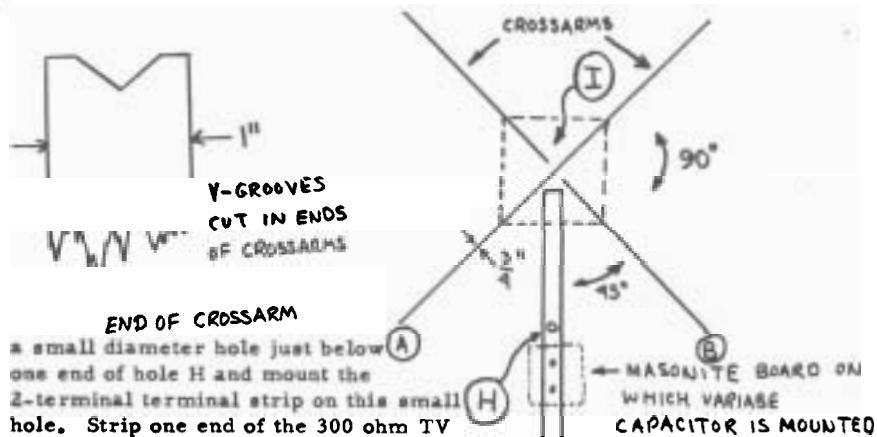
Hands down, the most perfect and sophisticated loop antenna to date is the FET-Altazimuth Loop designed and developed by Gordon P. Nelson -it is the state-of-the-art loop for BCB DXing today.

Herein is described a very simple type of loop antenna which although not state-of-the-art performs respectively well and is constructed on a mast-frame structure that is chosen by the DXer to meet his needs or space limitations. This loop is less bulky than conventional box loops and hence can serve as a loop to use for portable use away from the main BCB den, as a standby loop, or it can serve as well for the main DXing antenna in your BCB den. This loop, because of its ease-of-construction, is excellent as a "first" built loop antenna for the beginning DXer.

The purpose of this writing is not to describe state-of-the-art loop antennas but rather to give a design-construction technique for inductively coupled loops of a shape and size to be chosen by the BCBer. Thus, it is important to state that although only one mast-frame structure is defined here, it need not be used and any mast-frame structure conceived by a DXer will likely serve as well and after this structure has been selected and constructed, the winding, pruning-tuning procedures described here are applicable.

Supplies and components needed: a 365 picafarad, 2-section variable capacitor (popularly known as a "standard broadcast" variable and obtainable from a junk table radio etc., or easily purchased from any radio supply store at the cost of at most \$2.), about 150 feet of insulated wire of the stranded type in size of #12, #14, #16 or #18, a 2-terminal terminal strip, a 1" diameter oak dowell, a 5" x 5" (or so) piece of masonite, 5 to 10 feet of 300 ohm TV twinlead, 1" x 3/4" lumber, 1/4" drill, hammer, nails, saw, soldering iron and solder, and two pieces of 1/4 to 1/2 " thick lumber cut about 7" square.

The mast-frame structure is built first. The appearance is sketched on the next page. Note that one crossarm has been cut into two sections, the double line figure represents the oak dowell mast on which the antenna rotates. At the point I of intersection of the crossarms and mast use nails and the two squares of wood to "sandwich" the crossarms and mast rigidly together. The square dashed in the figure denotes this "sandwich". The 90° and 45° angles can be aligned "by eye" since they are not exceptionally critical. The crossarms can be made from 1" x 3/4" lumber easily obtained from a lumberyard and the 1" side should be used to keep the sandwich 1" thick on the inside--note that the oak dowell is also 1" in diameter. The length of the crossarms is up to the builder! Suggested total length per arm is in the range of 24" to 72". The dowell-mast should be long enough to allow the antenna to rotate when set in a stand or supporting base (to be designed by the builder.) Next stretch a piece of wire or string between points A and B as shown in the sketch. Mark where this line crosses the mast and drill a 1/4" hole (H) through the mast (the line of the hole is at right angles to the plane of the crossarm structure). Next drill a small



a small diameter hole just below one end of hole H and mount the 2-terminal terminal strip on this small hole. Strip one end of the 300 ohm TV twinlead and attach the wires to the terminal strip--one wire to each lug. Now cut off enough stranded wire to make a one turn loop around the frame with about 6 to 7 inches of this wire and attach it to one lug of the terminal strip. Strip one end of the other two wires now attached to that lug. For reference henceforth the end of hole H next to the terminal strip will be called X and the other end of hole H will be called Y. Run the stranded wire attached to the lug from X to Y and then once around the frame of crossarms back to Y passing through to X, pull the loop taught, strip the free end of this wire and attach it to the unsoldered lug. Now solder the two wires attached to this lug. The other end of the TV twinlead runs to the receiver and the length of this run can be cut to suit the physical location of the antenna and the receiver. **This completes the winding of the pickup loop--that winding which inductively couples the main winding to the receiver. If you wish, cut V-grooves in the ends of the crossarms (as shown in the sketch) to hold the wires in place as they are wound over the ends of the crossarms and around the frame. Next mount the variable capacitor on the masonite board and attach the board to the mast just below hole H at end Y. The top of the masonite can be flush with hole H. There are three points or terminals of interest on the variable capacitor. The frame of the variable capacitor will be called terminal F, the other terminals are lugs on the fixed-plate sections of the variable with the lug on that section with the smaller number of fixed plates called terminal P and the other lug called terminal Q. Now strip one end of the roll of stranded wire, pass it from Y to X and connect (solder) to terminal F. Now wind all the wire around the frame in the grooves cut in the cross arms making as many turns as the length of wire allows. The last complete turn ends at point Y passes through to point X and attaches (solders) to terminal P. You now have a loop antenna!**

**Tune up procedure:** Connect the TV twinlead to your receiver and tune to 1580-1600 khz. Rotate the variable capacitor (better put a good knob on the tuning-rotating shaft) for a sharp peak in signal. If no sharp peak is obtained, unsolder at P, remove (cut off) one turn of the main winding, connect the new end as before to point P. Try again for a sharp peak very near 1600.

Continue this process until you get a peak of signal at 1600 khz with the plates of the capacitor almost completely UNmeshed! **When you have reached this point, tighten the main loop windings and solder end at terminal P taking up any slack. The loop is now tuned to the high end of the band. If your variable capacitor has a trimmer capacitor mounted on the section with terminal P you can adjust it (a small screw mounted on the side of the section of fixed plates) so that with the plates fully unmeshed the signal peaks right on 1600 khz. Now start tuning down the BCB peaking the signal with the loop variable as you go from frequency to frequency. You will reach a point at which the signal peaks and the plates of the variable are completely (or very nearly so) meshed. For reference, we shall call this frequency ZZZZ khz. Now mount a single-pole single-throw toggle or slide switch on the masonite board next to the variable capacitor, connecting one terminal of the switch to terminal P and the other to terminal Q. Close the switch, keep the receiver tuned to ZZZZkhz and repeak the signal. Continue tuning until you reach 540khz or you again reach a point in which the capacitor plates are fully meshed at a frequency above 540. If you reach 540 and can obtain a sharp signal peak, then you're finished. The loop is ready for BCB DXing! If you don't reach 540 and the plates are again fully meshed, then the following procedure is to be followed: purchase several values of fixed capacitors in the range 50 to 100 picafarads. These units are cheap and can be obtained easily--cost something like 20¢ each. Connect one end of one of these fixed units to terminal F the other end to terminal Q. Now retune at 540 for a peak. Use the smallest valued fixed capacitor that will allow you to tune a sharp peak at 540khz.**

That's all there is to it!! Best of DX! When you decide to make another loop, remember this tuning technique it should be applicable to any type loop. Roll your own!!

FOX  
SLH

#### DAN CHURCHILL

Early on Wednesday morning, 12/10, Geoff Fox & I visited the home and shop of Mr. Dan Churchill, in Springfield, Vermont. Dan is consulting engineer for over 40 BCB stations, and he specializes in in transmitting antenna matching. We viewed, with wide eyes, his General Radio heterodyne frequency meter & standard and a 250-watt experimental AM transmitter, tunable to any frequency.

Dan has been receiving DX NEWS for some time now, and is interested in DX theory and practice, particularly in relation to his work from the other end. He offered this information:

- \* 730 WACE, Chicopee, Mass. will have had PoP 12/11, all AM. (If you recall last season's NNRC DX from WACE, it was Dan who conducted the test.)
- \* 960 WEAV, Plattsburgh, N.Y. will have PoP all AM 1/5/1970.
- \* 1310 WLOB, Portland, Me. will have had PoP 12/13, AN.
- \* 1600 WTYM, E. Longmeadow, Mass., likely PoP 12/13-14. Check both.
- \* 560 WCKL, Catskill, N.Y. is near RS, has completed the PoP of its DA.

Hopefully in the future we will be receiving this info on frequency checks & PoPs more in advance, but for now, if you hrd these tests, you'll know what was up.

RICHARD RICHMAN - 14 East Cheshire Place- Staten Island, New York - 10301  
 Christmas has arrived early here w/several nice "presents" u/ the DX tree - two new states in four days, completing D.C., & arriving at the brink of 500 heard. SM 11/30- KRMG-740 #1 from Okla. after CBLs/off w/ad & WX, 1:32:35am. WOL-1450 D.C. was a highly welcome catch, as I've now got all six stations licensed to D.C. on my heard list. Heard 2:20-2:26am w/editorial, ad, & Soul mx. Other new log of the AM was WELM-1410 N.Y. very briefly atop @ 2:30 am. Who is strong SS on 620 while looking for CKCM DX? (I think R. Tricolor, Cali -ERC) Who was the tester MM 12/1 w/strong signal on 1230 & album cuts, w/ Ray Coniff, Dean Martin & Petula Clark? Long intervals at times, 12:16-1:15am. No IDs heard, strength would make WFAS on day power seem likely, but on 1230, it's anybody's guess. WMAE TEST heard o/non-verifying WLOB 2:03-2:10. A station I've thought I was hearing a couple of times was logged for sure 12/1, WAPI-1070 Ala. way u/CBA w/several ads & mx 5:30-5:43pm. Next four all on 1330 (Thank you WEVD) & three in Va. KWLW La. heard w/Jan NX 12/2 firing WEVD SP. Testey, w/ strange fluttering noise heard o/WHOT several times between 1:15 & 1:30, who? 12/2 SSS brought WESR Va/ s/off @ 4.45. Three new ones 12/3, WBIM Va. @ 4:48pm w/mention of 5:00 NX. Rhen s/off of WRAA Va. just before that "ton o'bricks" s on of WPCW. Their XR is in S.I. Next a great catch, at least to me, in the form of WAMY-1580 Miss., Miss. #1. WAMY heard 5:29-5:45pm w/Mutual Sports & several ads, state #6 heard. 12/3 found iddity in unnn WKCY-1300 Va. way o/WPER @ SSS. Pther Aurora-like CX the end of Nov. & beginning of Dec. brought rarely-heard stations but all unnn: WYMA-1250 WDSL-1520 ZNS-1540 all doing surprisingly well various SSSes. I drr WVIK is at it again - Broadcasting says they've requested the calls WKOG. If anybody knows of a WKOG-FM, please write WCIC before they go broke on new stationery, hi. Rarity in WRRL beeing off MM 12/1. Who had program on the old days of radio 1-2am on 1600? WJRZ back to RS SM SP 11/30. (They've quit- ANing, Rich- ERC) Are any of our NYC stations heard most nights in the L.A. Cal. area? v/q- WHEB CHSJ. v/f- KCMO. Ray Davisson, who is v/s for WFLI? Does ZFB-960 count as a TA, hi? Total of 498 now heard. 73s.

CHARLES R. RAIDER - 22 Robert Street - Hamburg, New York - 14075  
 About time for another Musing from this Western N.Y. NRcer, I guess. Truthfully, I haven't been very active in the hobby lately, but here is a resume of some of my better DX loggings o/the past three months: 9/26- Gordon, Ga. using their new calls of WKGO at this time, testing w/c/w 11:40-midnight & on. I sure wish I'd have verified them at the time as they are apparently now using their old WCLK call again. 10/13- WVAB-1550 TEST had excellent signal here, 1:56-2:31 s/off w/many recorded IDs & soliciting reception reports. They also tested in mid-Sept. but I forget the date. Unn WERT-1220 TEST was also heard weakly using march mx at various times between 2:05-2:30. 10/16- No WBCI-740 TEST due to CBL. I wonder if they were actually on, anyhow? 10/18- WHLD-1270 noted w/TT o/u WXYZ, 11:15-11:30 & longer. 10/19- WSER-1550 conducting EPs w/TT & c/w, promising a v/q in return for reception reports, 11:20-11:35 tuneout. They ran a similar test on 8/17. 11/24- KSYL-970 r/c noted 1:16-1:21 s/off w/ piano mx & no interference from WEBR who must have s/off that AM @ 1 instead of their normal 2am. 11/25- KWPC-860 TEST in fairly well using MoR mx & frequent IDs. Only one recent verie, from WNEB-1230, after a 12-month wait & no f/up. On 10/25 I had a nice visit w/Bob Foxworth who was in the Buffalo area for the week-end. During a recent vacation trip to Florida, I had the pleasure of renewing acquaintances w/Joe Kureth (in Ellicott City, Md.) & Jerry Conrad (in Haines City, Fla.). I also had the pleasure of meeting Bill Brubaker (in Miami) for the first time. Bill is w/WFUN-790, working in their sports department. He showed me the station's facilities on a Friday night while he was at work - thanks, Bill. Welcome to the NEC & the Buffalo area clan, Fred Osterman & Ron Christen. 73s.

BERNARD DUFFY - 350 Richmond Terrace - Staten Island, New York - 10301  
 Recent additions to my heard list are: HJBI-840 "Ondas del Caribe" Santa Marta, Colombia, & CJRP-1060, Quebec, P.Q. Latest veries are: nice picture-

of-XR cards from KSTP St. Paul, & XEG Monterrey, Mexico. V/l's came from CJRP, Quebec City, CHIN Toronto, WQMS Norfolk, & WVQJ Jacksonville. The Nfld. DXcasts of 11/30 & the Wyo. & Idaho Specials of 12/1 didn't show for me - I'm wondering if they were on. On the latter date, KXOK-630 St. Louis, came inwell, testing, at 4:05am.

JOHN H. SHANNON - 478 East High Street - Kittanning, Pennsylvania - 16201  
 DX since last Musing: 11/21- 12:30am, EAJ29-953, Spain, 1:05 am, France-944, 5:14pm, WLKR-1510 Ohio, 5:19 CKRB-1460 Que. FF, 5:22 St. Pierre & Miquelon-1375, 6pm, WM00-1550, Ala. 11/23- 1:52am, XEFR-1180. 11/28- 5:12pm, WMNA-730 Va. 11/29- 8:40pm, YNLU-956A down from 965 where I logged them on 10/10. 12/4- 4pm, WIKE Wis. u/WVVA. I also have a mystery station on 525 w/s/off @ 1:05am on 12/3, ID sounded like R. Mundo or R. Rumbo. A fairly strong signal but w/local HNL. This station was first noted 12/1 during a DX session w/Richard Clark who just got back from Florida. Nothing much else new here the past two weeks. I did put a new gear drive on my tuning dial on the homebrew RX which works much better than the old friction drive type. I am still awaiting my second mechanical filter from HQ looking forward to having two in series. I received another nice letter from R. Richman w/some helpful info & I must answer it soon. I also heard from B. Reynolds who told me the situation regarding reception of WPIT in Mo., & welcoming me to the Club. It's nice to hear that WPIT is a regular in Mo. at s/on. I am sorry I couldn't make it to the get-together at Tim Davisson's after his nice invitatioh, but my work sked (six days a week w/Thursdays off) keeps me from going to such things. Well, after saying not much news here, I thought of a lot, it seems, hi. 73 & good DX to all.

TIM DAVISSON - 207 Winchester Road - Apt. 105 - Akron, Ohio - 44313  
 12/3. Hello again. The get-together was quite small, only five of us. Thanks to Bob Hostettler, IRCAer Larry Abraham from Saginaw, Mich., Dan and George of course. Personally, the big get-togethers are all right, but I prefer the smaller ones. I don't think anyone was disappointed because it was so small. DX: 11/20- WQWA-1230 O. @ 11:25am. 11/25- WBER-930 N.Y. @ 1:17am, WABJ-1490 Mich. w/automated good mx @ 1:37am o/u the mess. 11/28- XERF-1570 reported to the Texas address - I hope they verify. 11/30- WTIX-690 La. @ 5:47 pm till 6 switchover (to night pattern) when they dropped out of sight, many spots. 12/1- WDEL-1150 Del. @ 12:31-12:37am s/off (this apparently is a new time). 12/3- WLEJ-1410 Ky. strong from 5:13pm on, w/a live report from the Ky. Tobacco Sales Warehouse heard daily, WMTS-810 Tenn. 5:25-5:30pm s/off, news called "Tenn. NX '69", fairly strong w/KCMO & mostly WGY interference. 12/4- Huge snowstorm stopped just after midnight w/6" of ice & snow, first good DX in ten days; very poor previously. However, nothing new this AM. First f/ups to KFH WKYZ (included PP). All DX above reported to. 74 reports out since 9/15. Veries: v/r- WGMF. v/l- WJMO WHHH (O. #63) KVOX KRDS. v/q- KNX KSO CBO KSTP WFLN (after almost 75 days!) Total now 410 verified. Thanks to Jerry & Wes at WHOP for talking to me during business hours last week! If you are unsuccessful at DXing some night, why not tune the Larry Glick Show on WBZ? He's a real nut! Stay with Glick, and hope CX change, hi. (It's a talk show). It's interesting for me as a DXer to hear calls from all over the country commenting on reception of the station. Well, 73s to all & have a Happy Holiday season, and a prosperous and pleasant and SAFE 1970! Anyone who wants a WWST CM please send an SASE. I've got about 50 - they're free!

JOHN JOHNSON - Hoboken, New Jersey  
 DX still good over this way, w/the following added to the old log 11/16- Nice catch on 580, CJFX Antigonish, N.S. 11/17- WCHS-580 W.Va. WLOB-1310 Me. KNX-1070 Cal. the loudest I've ever heard him. XEG-1050, WDAS-1480 Va., WSBC-1330 Greenville, S.C. MM 12/1- ZNS-1540 Bahamas very strong. WADR-1480 N.Y. f/c. WMRC-1490 Mass. would like to hear from those dual-conversion sets such as SX-96, SX-100 Hallicrafters. Till next time, 73s.

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Then, same evening, from 7:30 to 8:30, a surprising report on Anguilla-1505 giv-  
int me another shot at a new country. So the month of November was quite en-  
couraging, for a change. It's funny though, that even after such exciting & ex-  
otic DX, I still enjoy hearing Monte Carlo-1466 s/off w/its touching closing  
:heme, "Close Your Eyes," just as when I first heard them 11 years ago. 73s.

DAN MYERS - Box 311 - Toledo, Ohio - 43601

Greeting, NRCers! DX: 11/21- 5:31pm "WEBC now pauses for technical  
adjustments", then they completely disappeared. Do you think it might have been  
their antenna change, hi? 11/24- KPWB-1140 u/WRVA @ 6pm. 11/25- 2:07am, KWPC  
TEST I&C; 2:26 finally WMCA-570 logged w/pest WKBNoFF; 2:30am, WTAX-1240 on f/c-  
IT, v/q back already; 5:02pm, WHLL-1600 Wheeling; 5:36pm, WLPO-1220 Ill. u/WGAR  
& WCMA splatter; 5:41 KFLL-1060 a touch of the miraculous u/KYW; must have been  
the eve for miracles; KOLYp1300 Moberidge, S.D. s/off 6:15pm, v/l back; & CKBW-  
1000 u/WCFL for a couple hours, ID @ 7:46pm. 11/26- Arrival of Bob Hostettler  
(who?). 11/27- 5pm, WHOK-1320 Lancaster, O. & 5:03, WMVO-1300 Mt. Vernon, O. fo  
two badly wanted ones (I'm trying to find out what ever happened to the WMVO  
TEST; no luck yet). 5:18pm, WWKY-1380 Winchester, Ky., WCLU-1320 Covington, Ky.  
@ 5:25pm, CKSB-1050 w/FF @ :30pm ID, & ID @ 6:37 from WGST-920 Atlanta (just an  
ID, nothing else; they were way under & the ones on top had shut up for a couple  
of seconds). 11/30- 12:40pm, WFOO-1390 Bellefontaine, O. finally; 5:53pm KIXL-  
1040 Dallas (really weird CX, in some ways, an extreme Aurora, other ways, not)  
5pm, WJMR-990 New Orleans; 6:09 KAMA-1010 Waco, KNDX-1570 Marysville, @ 6:14pm,  
& at 6:15, KILA-1570 Leesville, Ia. 12/1- 2:03 & on, the WNAE TEST way on top  
of everything else. 12/3- ID for CKLC-1380 snuck in @ 5:43pm, WIS-560, finally,  
@ 5:53, & CKCH-970 u/WMSW in FF @ 6:48pm. My '39 Ford is taking up much of my  
time now, but I still haven't given up SSS or MMs to it, hi. (Isn't it about  
time for a trade-in, Dan? -ERC) Veries: v/l- WNCO WLAU WQTE KOLY KPFB. v/q-  
WHEB WFAK WBYB (on cards I had printed up, & donated to the station, compliments  
of myself & NRC; they sent a v/r first time, & I just couldn't see having a new  
sta te on a v/r, so...). Many reports out, I hope some answer soon. ERC, you  
may be interested to know I may soon ne working at "WERC"-600 ("----" is SCing  
abbreviation for carrier current) at U. of Toledo. I'll try & get you a CM, hi.  
I enjoyed visits by Bob Hostettler & Larry Abraham (IRCA) & a trip to Akron to  
see the one & only Ray Tim Davisson (Ray or Tim, hi!) & of course George Greene,  
who really is still alive! W/nothing further & running out of room, 73 & Peace!

RICK EVANS - Box 1,988 - Gary, Indiana - 46409

Happy draft. Ernie, make a deal w/you - I won't mention your spell-  
ing if you don't mention my goofs w/theInt. Date Line, OK? (OK, Rick, but what  
is it, hi -ERC) 11/29- WRNG-680 Ga. ET heard 3:25-3:30 (I was trying to find out  
who third station on 680 w/rr was when the TT came on); WRMA-950 Ala. testing  
3:43-3:53 poor; KKIN-930 Minn. 5:18-5:20pm poor; WAGG-950 Tenn. 5:35-5:39pm w/c/w  
KLIK-950 Mo. s/off 6pm o/KXJK Ark. s/off 6pm; KOLY-1300 S.D. s/off 6:15. 11/30-  
KAKC-970 Okla. 3:33 "solid gold weekend"; WRFC-960 Ga. ET heard 3:34:37; KISA-  
550 Tex. w/rr 3:48. 12/1- WNAE-1310 Pa. w/TEST 2:04-2:30; KMER-950 Wyo. TEST  
3:59-4:30 poor u/WPEN; ZBVI-780 B.V.I. s/on 5-5:20 w/WBEM OC on; CHOW-1470 Ont.  
w/sports 5:3805:50. 12/2- WJBC-1230 Ill. 2:50-3:05pm; WTHM-1530 Mich. 3:30-3:42  
u/WERX; WVMF-620 Vt. State #46 very very poor u/WIMJ 4:35pm w/spot for Lakeview  
Buick; WUNN-1110 Mich. s/off 5pm u/WMBI, then off to work. 12/3- WRBL-1420 Ga.  
5:03-5:15 w/Christmas mx; WNOG-1590 N.C. s/off 6 followed by WLFA-1590 Ga. s/on  
6:01; KARV-1490 Ark. ending f/c 6:08am, WSRF-1580 Fla. NX 7-7:07. 12/4- WDAK-540  
Ga. 2:50-3 poor w/horrible rr; WPCO-1450 r/c 3:30-3:45; KOIM-1520 Minn. 3:20-3:30  
pm; WJMS-590 Mich. 4-4:10pm 2por u/o WKZO w/five minutes of spots; WDSM-710 Wis.  
4:10. v/l- KRDS CROK WBTS WONE WIZZ WJAK WNBC. v/q- KOB. v/r- WJLB. Totals  
now 837.400, states 46/42. The new typewriter looks good, ERC. (That's not  
mine - it's in the BPC family, hi -ERC) Most c/w mx is bad, but some is halfway  
decent, hi. Dad's birthday came up first in the lottery. I'm glad he's over 26!  
REMEMBER THE "4-H CLUB" - HASBROUK HIGHLIGHTS HAS HOSPITALITY! Sept. 4-5-6-7!

PAUL K. HART - 2105 Muse - Fort Worth, Texas - 76112

It's old, but the morning of 11/17 was very interesting. Shortly  
after 12, I logged KAYC-1450 & then WDWS-1400 @ listed s/off. KLIF-1190 was off  
& I got S 2-3 signals from KRDS-1190, copy starting @ 1:30. Their pattern shows  
54w. this way, 850 miles away. V/l says they got reports from Gary Ind., Akron,  
O. Worcester, Mass. & a phone call from Long Island that same AM. All of these  
locations are on the "hot" side of their pattern, about 800w. Any NRCers make  
any of these reports? I heard KWYO's r/c, very weak. I ran a remote tape on  
1110 w/KFAB milled & got a good hour of WBT 5-6am (still 11/17). I was trying  
for WBT aftertheir switch to 50kw. non-directional, but this copy was unexpected  
w/pattern in; 177w. this way. KFAB radiates 44.6kw. to me - the loop was work-  
ing! I heard WBCA's s/on about 7:15am, 1110. Totals now 306 taped as of 11/30.  
I remember CX when I was living in N.J. On a good night, WOAI-1200 & WBAP-820  
put in tremendous signals, S-9 plus 30 at times. The Chicago U-1s & WCFL had e-  
normous signals at night. I moved to Chicago in 1966, & the New Yorkers (WNBC  
WABC WCBS) didn't put in signals there anything like what I had remembered of  
N.J. I lived only eight miles from the WBEM WGN & WMAQ XRs, all of which are  
within sight of one another. Down here in Texas (about ten miles from WBAP/WFAA  
sit.) the best N.Y. signals I have heard are about S-7 from WABC & WNBC, about  
S-5 from WCBS, & these nights are rare. KDKA almost never makes over S-6. I  
don't understand how an opening can be anything but reciprocal. Page Taylor's  
reports in DDXD 11/22 are an example; I have trouble copying 50kw. Uls from N.Y.  
let alone regionals, but he is hearing things like KTRAR-620 & KGLC-910. If I  
didn't believe in reciprocals, I would say the Easterners don't get to Chicago  
or Texas anything like WMAQ & WBAP get to the E. Any comment would be appreci-  
ated, I'm confused. Have things changed in the last three-four years? Do you  
guys back East get steamroller signals from WBAP & WOAI? I am sure it's not my  
equipment. (Both are generally covered here by LAs; HIDA-1200 & HJED-820 -ERC)

ROY H. MILLAR - Box 851 - Everett, Washington - 98201

November "DX" - if I may use the term: KMWX-1460 Yakima (ex-KIMA)  
logged 11/8 @ 8:30pm. KRBB-1560 Dallisaw, Okla. ET/TT 11/10 6:04-6:10am. KONA-  
610 Kennewick, Wash. (ex-KEPR) logged 11/16 @ 3pm. KBLW-1390 Logan, Utah (ex-  
KLGW) logged 11/18 @ 12:25am, thanks to FDXC; I was looking for a "filler" for  
1390 when KBLW came out nicely atop for a welcome new call that I've tried for  
in the early morning hours without success. Slim going for the month of Nov.,  
but at 1,900 veries it seemsI heard umn stations quite frequently, hi. Veries:  
KRGO-1550 KRBB-1560. Hardly staying in business, hi! The FDXC (D) has been in-  
teresting in the facet of mid-day reception, i.e. 10am - 2pm local time. So far  
ten states/provinces have made it in, w/KITWO-1030 best catch so far, w/others on  
the fringe being CBK-540 & KSL-1160. Looks like I'll probably be stuck w/only  
one logging on 700k, eh? KDXC (F) goes slower; see at least one segment that is  
a real problem, but I'll work on 'em. Sorry contest didn't get u/way before the  
DUs disappeared as there were quite a few good ones showing prior to mid-Oct.  
Say, someone commented on DX TESTs being broadcast too late in the morning for  
personal convenience; how about that! Please lads, do your best to get programs  
aired at times when best chances for nation-wide reception prevail; this is only  
fair to the station that is courteous enough to go to the time & expense to air  
a TEST! A DX on 1310 sked to finish @ 3am doesn't make sense w/KDIA s/off at  
that identical hour, although there are other Aners on; sometimes it is necessa-  
ry to get on the air before an early Eastern s/on, & stay on beyound a late West-  
ern s/off; make sense? Generally speaking, the 4-5am block is most ideally fit-  
ted for DX Specials, although 4am s/ons might negate this assumption on certain  
frequencies. Happy Holidays to all youse, particularly the Boston crew and edi-  
tors; your many hours of dedicated work in producing DX NEWS and in keeping NRC  
"tops" is not unappreciated! 73.

DAVE SMITH - 13 Perry Street - Crayford, Nr. Dartford - Kent, England

I am a new member of your club & am a member of the Medium Wave Cir-  
cle here in Great Britain. The equipment in use here which is 13 miles SE of

London consists of an RCA AR88D single conversion superhet communications Rx, which is now over 25 years old. It has two R.F. stages, three I.F.s at 455k, plus crystal filter, noise limiter, and an S-meter of sorts. The antenna is a 40" box loop tuned by a 500 p.f. variable tuning capacitor and fed to the RX by 15' of 300 ohm flat twin feeder. My latest loggings consist of WWOV-1190 which was received on 11/20 @ 11:37pm EST with quite good signals. On 11/21, CKEC-1320 was logged w/fair signals @ 6:15pm EST. A tentative logging of VOA-1178 Okinawa was made on 11/26 @ 9:56am EST. Best 73s & good DX. (Welcome to our midst, Dave! We hope to hear from you frequently! -ERC)

JOHN JAVETSKI - 104-21 122 Street - Richmond Hill, New York - 11419

CX have begun to pick up after a blah week which followed some great DX around mid-Nov. MM 11/10- R. Onda-1530 Mexico weak @ 12:45am. 11/12-WTXL-1490 was burying semi-local WGCH & a swing of the loop brought WKNY NY un & a soft mx station which didn't ID from 6:55-7:20 tuneout; probably needed WDLG NY. 11/13 AM- A Todelar Colombian on 1146A w/antherm @ 1:37 & off, not heard since. ,, 11/17 featured some goodies, as Idaho. Unk w/SS-type mx 12:33-1:05 tuneout w/WINS off. TT-1340 1:15-1:20 & out, too weak to ID but likely KXEO r/a More of my mystery rr-1200 also from 1:24-1:55. Then CHAT-1270 Alta. w/s/off @ 2:03, leaving a loud KFJZ which was covered by KTFI Idaho for 30 seconds @ 2:10. For ECers who don't have 'em, KRDS-1190 Ariz. has been around S-9 or so the past three MMs after 2 if you can get through the WHAM jazz slop. SM 11/23 saw MSP WGBB-1240 NY w/an SP, but an OC/ET from them. Under this was WSNY-1240 & WGVA, both rr & NY @ 1:30; WGVA new. R. Felicidad Mexico made it through various NYC SS images 1:42-1:54, tape sent but still no sign of KOFI-1180. MM 11/24 TAS good as was R. Suceso-995 to 12:04 s/off. Also a pair of WABC spurs on 845 & 695 noted @ 1:45. Tues. 11/25 brought KFI best ever @ 1:15. Who'd have "Night-line" talk show on 1330 @ 1:58, KFH? WASA-1330 Md. mini-ET 1:59-2:01 off. KWPC TEST heard well & better than XEMO mostly. 11/28 PM- WLS heard @ 2:03 w/WCBS nulled. CBN-640 for second time ever to 4:42. MM 12/1 brought eight new ones. CHUC-1450 in EE to 12:15 s/off-GSQ. WGMA-1320 Fla. ET c/w @ 1:14 & asking for reports while looking for WCVR TEST. WNAE-1310 TEST in well w/TT/IDs 2:01 & on. WJOB-1230 w/rr & r&b @ 2:34 u/what might've been WITH w/c1 mx. 630 @ 3 was KXOK s/off, WMAL OC ET & CJET Ont. KOOL-960 Ariz. poked its head in @ 3:06. WPEN-950 seemed to s/on @ 4, bah! WITO-1520 briefly u/WKEW TT/OC @ 4:17, & CFAC-960 w/ID @ 4:27. No veries of late, totals 1,163/339. Thank youse are in order to the ST. LOUIS gang for a "really fine shoe" & to Dave Roys for his 11/29 con-fab. A tip of the King's Crown to you. Don't forget to check your grid bias, hi. (There's no bias in the NRC, John, hi -ERC)

JAY MURLEY - 1733 Candlestick - Newport Beach, California

Well, with the DXers huddling in Jersey & the Midwest and draining the bar at the El Rancho in Sacramento, it takes a visiting fireman like Glenn Hauser to prompt get-togethers in the Southland. Appearing in L.A. on 11/24, several of us got together at Don Kenney's in Santa Monica (and since Glenn will have much more to muse about, I suspect, I'll report - realizing that ax the only guy denting Don's supply of Aussie beer, I'm probably least qualified.) Serious topics ranged from Kenney's plastic loop, to tales of wondrous DX in the 530-535 range (for all I know that's my IF frequency, to ERC's reputed love of pirates & Glenn's misfortune in never logging one (but he served notice that he'll try to log a few Indonesian pirates in his new Thailand location - that will be something). Don was showing his QSLs, hi log card-file (including two Fiji as I recall), his Dakar-764 I.S. tape (go ahead, EC DXers, yawn) & his marvelous collection of wires. Most seemed to be hooked up on one end, at least - but these would be classified by the military if they ever saw the potential of the rig for stopping enemy infiltrators. Current worthless CX continued; no Alaska, no Europe, no Zedders, no Africa. Don's big show was the Cuban u/KFI @ 640 w/the loop tilted 70°. (Now, lessee, if I put a case of bubbly up on end, & lean the capacitor assembly on that, & keep my 2½-year-old outa the say, yeh). So it was San-

ta Monica instead of the ERBA bash, missing another Kaskey affair, as usual. (I can't shoot pool anyhow). Somebody here in Lotusland should plan a regional drinking bout - pardon, DX meeting, w/40 dues-paying BCB DXers & the prospect of added visitors as temperatures dip below 40 elsewhere, you'd think it would make sense. Any comments?

BOB HOSTETTLER - 166 Territorial Hall - U. of Minn. - Minneapolis Minn. 55455

I've got a Musing, believe it or not, w/some DX in it, & hopes for more this month! W/CX resembling Aurora lately DX has been rather interesting. To bring you up to date: 11/30- KOLS-1570 heard for the first time @ 6:15 pm SSB s/off; signal was extremely strong. Then, I listened to KDWB for a while before turning to something else; at about 6:30pm (after I had tuned them out) a KDWB DJ reported a fire while on the air, "We're on fire! No kidding! It's filling up with smoke!" He put on a record, & within a few minutes there was a "high, shrill sound, then silence". The fire started in the furnace room and spread through false ceilings. Some wall paneling was melted, but most records were spared, and the office & studios sustained mainly water & smoke. Damage was first estimated at around \$100,000. They came back on the air Tuesday, but w/1,000/250 U-1, cuz both 5kw. & 500w. XRs were demolished. With the help of the Aurora, their signal in Minneapolis does not seem to be affected much, QRM-wise. MM DX 12/1- I started off by hearing the WNAE-1310 TEST 2:10-2:36am, & copied KRDS-1190 @ 2:43; I was surprised to hear KVET-1300 on top @ 3:23, also not expected was CFOX-1470 @ 3:53 w/rr; KMER-950 TEST was finally on, and in fairly well @ 4:19 o/KPRC & later WPEN. At 4:48 I had a station in SS giving ID which included Bogota; what's likely here for this one? (the new R. Sutatenza, Bob, but I'm not sure of the city -ERC) 12/2- I heard KUOM-770 @ 1:48-2:13 w/ET/mx, TT & IDs. Totals here now are 871/390 stations, 45/42 states, 8/5 provinces, & 23/8 countries. Latest veries: v/1 & QM from: KXYZ-1360 KLIN-930 & KEMY-1240 (Mont. #7 verified); v/c from KORL-650, Hawaii #1! C U soon! 73.

GEORGE B. SHERMAN - 104 Pinewood Circle - Rosemount, Minnesota - 55068

Last time I said "C U in 7" & here I am - just seven weeks later! I can hardly count the number of stations I've heard since last report, so I'll list the better & more recent ones: 10/24- WLDT-1300 Wis. @ 6pm; KAOH-1390 Minn. @ 6:20 w/c/w; KEWB-1410 Minn. @ 6:28pm; KDIO-1350 Minn. @ 6:30; KMAV-1520 N.D. @ 6:45 s/off o/KQMA. All stations listed in my Musings are ones I've just heard for the first time. 10/25- KBRB-1340 Ark. @ 12:38 w/f/c, IDs by YL. 10/26- CBU-690 B.C. @ 1am w/ID, province #7; KIP-1280 Wash. w/MoR & ID u/o KTIK @ 1:45, weak signal; CKSA-1080 Alta. @ 2am u/KRLD. 10/29- KJFJ-1570 Ia. o/local KUXL @ 6:12pm; I read about Jerry Starr hearing KFNW-900 N.D. so I tried & there they were @ 6:42 s/off. 11/1- KXLY-920 Wash. w/MoR @ 2:04am; CKOM-1250 Sask. strong as 50kw. locals @ 5:48pm w/rr; KBHB-810 S.D. w/c/w @ 6:06 o/KQMO/WGY; KRAD-1590 Minn. #85 w/strong signal o/everything @ 6:25. I need only KPRM-1240 & WELY-1450 to complete Minn.; KPOF-910 Col. @ 6:45pm s/off; KNDC-1490 N.D. strong as 50kw. locals w/little QRM or fading @ 7:01pm. 11/2- CJNB-1050 Sask. strong o/everything w/rr @ 1:30am. 11/4- KENO-1460 Nev. @ 1:42 w/20-20 NX, state #40. Total stations heard now 851, including a few I'll report next time

JOHN W. HOOGERHEIDE - 3 Marquette Drive - Marquette, Michigan

MM 12/1 had very poor CX. Though signals to the E were OK Aurora appeared to almost blot out Ohio stations & anything W of the Rockies. KFI & KSL were absent & ANS like WING WKBN & WAKR were almost absent. But as I said the EC was OK so DX on 1310 from WNAE was logged I&C. Someone on 570 o/u a very weak WKBN w/a tele-talk show where you call in & talk about almost anything w/the DJ, noted from 2:10-2:40 tuneout, but I just couldn't get a log. Does this sound like WMCA's format, ERC? (It sure does -ERC) WMCA is a toughie and doesn't get out West at all. R. Punto Fijo-940 noted @ 3am s/on I&C, but otherwise CX were so bad I went to bed @ 3:10. Still horrendous CX @ 5pm; dial void of DX - big Aurora coming, I'd say. 12/2- Umm WPUV-1580 @ 5:15pm s/off. WBLY-

1600 Springfield O. s/off 5:15 for new log. Funny reception - Ill. Wis. & Ind. & points Westward completely blotted out but Eastern points, O. Pa. N.Y. Va. in I&C; WROC-1280 @ 5:35; new WFBG-1290 Altoona @ 5:35; then new WFIR-960 call in Roanoke @ 6:35 all alone; new call in WIXZ-1360 McKeesport, Pa. alone @ 5:40; CHGW-1470 Welland Ont. I&C @ 5:45; a log of 1270 @ 7:02pm featuring U. of N.H. hockey game, gave complete U. of N.H. sked - has to be WTSN in Dover, N.H. since Durham, where U. of N.H. is located, is a Dover suburb. Also WTRY-1590 well o/ WAKR @ 7:15pm.

RUSS EDMUNDS - Box 946 - Wayne, New Jersey - 07470

Since the TAIT I've done little DX due to the advent of the Mid-Winter Anomaly, which means poor CX. Noise has been high, & CX mostly to the S. TVI bad, too. Of course campus unrest here at Paterson State (where I'm an administrator) hasn't helped my DXing either. Many new TAs heard on TAIT night, w/34 heard, from 15 countries. No new reports out, & thus no veries. Sorry I couldn't make it to Dave Roys' place, but I had to work Sat. afternoon & evening. Recent DX: 11/30- 1:15am, WRFC-960 f/c unlisted to 1:30; CHRD-1480 atop way o/ WISM (usually dominant) @ 1:35, but no sign of either Canadian DX, so I went to bed, since I was a bit tired. (Good thinking Russ-ERC) YVILH-650 way o/WSM @ 11:53pm, R. Girardot. 12/1- 12:22, WDXR-1560 noted, but unkn. 11/23- WEMD-750 @ 12:14pm w/religion; WEDO-810 even w/WGY 1:17, WHCU-870 quite strong @ 1:20; new WNTY-990 @ 1:30, WCPA-1100 @ 1:37, new WWLE-1170 w/chicken mx 1:46; unID FB u/ WELI-960 @ 1:24. KSOO-1140 heard weakly u/WRVA barely readable @ 8pm. 11/17- WAPE-690 in very well behind CBF & Cuban 8:38pm. Never heard before on night pattern. 12/1- WENE-1430 w/rr o/an unID c/w @ 12:25am; unID SS u/WBAL's OC 12:38 WELO-800 atop CKLW/CJAD/others @ 6:35pm; 6:48 saw the Cuban on 1000 (give or take a few, hi), then an unID IA on 1143A @ 8:30; and finally TGT-1187, R. Sonoma Guatemala @ 8:47. 12/3- XEDM-1580 in briefly around midnight, then YNX-1550 w/ anET/mx, but carrier kept cutting out. Good signals when on though. I couldn't null CBE's 40/S-9 signal, but I could peak WYNX. Test was w/c/w (yecch). UnID on 1480 mentioning the "Garden City" & in rr, & u/phone-talk presumed to be WISM Also an unID-rrr & c/w on 1550 u/CBE after WTNX test, looped SW, so WAAY, KOKA, WOKJ, WBSC are all possible, but who? WMBR-1460 s/off 12:30 in well, leaving WENS on top. 12:40, something on 1303, possibly Tirana, as Italian is listed, & it sounded somewhat like Italian & loop was right, so maybe a little bit low. 1375, R. Monumental Costa Rica in well @ 12:45. TAIT stuff should have appeared about the time this does, but in Foxy's column. I have just completed first sheets in FDXC D & F Div. & am working on seconds. Support DDXD, PLEEZE. & 73.

BENJAMIN DANGERFIELD 3rd - 202 Governor's Drive - Wallingford, Pennsylvania 19086

Not having Mused for a while, I can only cover some of the highlights - for me - so far this season. I have managed to actually get out a handful of new reports, & can only hope they result in the same handful of veries. Four of the five incidentally, are to new countries, & if successful, I could raise my total to 109. The ever optimist. The last few days in Oct. & into Nov. were above average for TAs, & for me, 11/1 was a fine opening into Spain, Germany, & Poland. But 11/2 brought me a new country when I logged Malta-1546 w/a beautiful signal from 10:45-11:15pm. The problem here is getting the verie, it being a BEC relay. London has already sent their standard card, but it doesn't mention location, date, or frequency. I haven't heard from Malta, and may not, but in the meanwhile, I have written again to London w/a plea for more specific info. On 11/7, TAIT Day, between 5:30 & 1am, I logged about 106 TAs, but I must admit, only a dozen or so were really good, so- I would call it quantity but not quality. However, on 11/15, thanks to various tips, I logged the new Libyan on 1124k between 5:15 & 8:40pm, for another new country, often heard since. 11/20 was a good TA evening, & @ 7 I believe I IDed the strong Spanishard on 1385 as ECS-11, R. Centro, Madrid, lovely signal. 11/30 turned out to be somewhat Auroral, & rewarded me w/a fine logging, between 5:30 & 6pm of ZBVI-780 which was right on top, & a detailed report for another try at a new country.

ADDITIONAL INFO ON SPECIAL PROGRAMS

12/29 - WRYT-950.

*another*  
Don Churchill  
DX\*PoP

Time, 12:01-4:30 is approximate - this will be a regular maintenance time for WRYT - look for many IDs via jingles, Morse code, and voice, underground and hard rock music, and phone calls. Many NRC Boston-area members will be on tape with phonetic WRYT IDs. Randy Kane & Geoff Fox will do most of the announcing. Reports to Mr. Peter Gowen, Chief Engineer, WRYT - 312 Stuart St., Boston, Mass. 02116.

WKND-1480. Mr. Ed Smith, News Director for WKND will supervise this test. The music to be used has not yet been decided, but watch for the unusual, and many station IDs, both with voice and on jingles. Address is Box 1480, Windsor, Conn. 06095. We hope you'll get them through the all-nighters. E.R.COOPER

HIMS-570. This is a very DX-minded and friendly station. The program will consist of short musical selections, plus plenty of IDs as Radio Cristal. Selection names will be logged for verification purposes. Send reports directly to member CESAR OBJIO, Calle Benigno F. Rojas 46 - 3er. Piso, Apto. 5 - Santo Domingo, Dominican Republic. Be sure to send return postage, or an I.R.C., or U.S. coin. WMCA was asked to stand by, but says they can't do it - sorry.

KJNP-1170. This time is midnight to 1:00 a.m., their time, which we believe is 5-6 a.m., E.S.T. It'll be tough with KVOO & WWVA on, but those Out West should hear KJNP. Address is The General Manager, KJNP; Box "0" - North Pole, Alaska 99705. This info from SN Wayne Heinen of NRC & the U.S.CiG.

WEEI-590. Reports to Mr. Larry Conti, Chief Engineer.

WONS-1410 and WMEN-1330, no info yet - times said to be tentative.

2/22 - KGAY-1430 Salem, Oregon; this 5 kw MD station will be repeating its recent test for IRCA 3:00-5:00 or later; reports go to Al Gordon as before; arranged for IRCA by Randy Miltier; last minute info from Don Erickson at press time.

REGARDING THE MUSINGS SECTION in 112/9 DX NEWS.

That was all re-typed in Boston or vicinity to try to get better results from the printer. Some of the comments attributed to me, Ernest Cooper, were NOT by me, so please don't credit them to me. The typewriter, I understand, is worth around \$800, and, alas, is not mine.

Oops- KIRV-1510 info - They're on 12/22, & will use tones & music, and key numbers you'll need to get for verification purposes. May also be some tape from Chuck Sadoian. Reports to Mr. Rony Stover, KIRV - Box 2333 - Fresno, Cal. 93723.

ERNEST R. COOPER - 438 East 21 Street - Brooklyn, New York - 11226

Veries: CJRP-1060 & R. Cristal-620, Venezuela, YVSE. DX: Thanksgiving morn, 11/27: R. ABC-540 on till 12:36am s/off, I&C, unkn. TTer on 1520 u/WKBN @ 1:07-1:10. Another TTer in the 850 mess (looped West) @ 2:28-2:38 Still another on 1300 @ 2:46-3:10, believed to be WMMJ as I heard them at that same time last Thanksgiving! 11/28- Drifting YNLU noted on 958A @ 11:41pm. 11/30- Finally a report possible on R. Aereopuerto-910, 2:16-2:43am. WSPD-1370 was off RS & Tting, are they silent SMS now? Log on WIXZ-1360, McKeesport, Pa. ANing w/rr. WRFC-960, unkn, noted testing @ 3:37am. Winter is here! DX during daytime was in today - WPNO-1530, Maine, way on top & I&C @ 9:55am! 1540 was CHIN o/WRCF w/Jewish religious program @ 10-10:30am. Three Canadians IDed on 1570 at this time too, CFOR, CKIM, & CHLO, plus WBUX. MM 12/1- WJOB-1230 unkn in @ 2:03am. WWRL off; but CJRN on & booming. Caracol-1020 ANer but too much WINDS slop, & extremely early s/on of R. Calendario, Venezuela, put them to sleep for good @ 2:55am! R. Punto Fija-940 s/on @ 2:58 & I&C & in the clear, an easy log. The 790 AN SS turns out to be R. Atalaya, HJBW, ex-810. R. Maracaibo-740, s/on @ 4am o/Cuban. 12/2- TGW noted I&C tonight on 636k! Not there 12/3. CUN7.