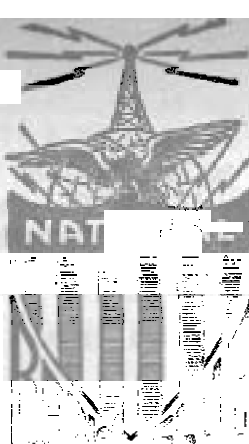


DX News

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Volume 32 - Number 11

Year 32 with LOTS for YOU!

December 12, 1964

WE'RE BIG IN THE WEST

"The NRC has been a big help with its DX NEWS. In fact, I don't know that I would have kept DXing this long without it. Let's all support the Club with a Musing at least as often as possible!" - John Jackson - 14603 Rayfield Drive - La Mirada, Calif.

SPECIALS

		kc/s		Watts	A.M., E.S.T.	Info from
Mon. Dec. 14	V O U S	1480	Argentina, Newfoundland	50	2:45 - 3:00	N N R C
	14 P J C 7	1500	Willemstad, Curacao	1,000	3:30 - 4:30	N N R C
			(probably also on 1010 & 1385 kc/s.)			
	14 K V * R E	1460	Santa Rosa, California	1,000	4:00 - 4:30	N R C
	14 W B * E R	950	Moncks Corner, South Car.	500	Bet. 4 & 5	N R C
Mon. Dec. 21	W W * J C	1270	Superior, Wisconsin	5,000	1:00 - 3:30	N R C
	21 W B * M E	1230	Belfast, Maine	250	3:00 - 4:00	N R C
	21 C K M L	610	Mont Laurier, Quebec	1,000	3:00 - 4:00	N N R C
	21 V O C M	590	St. Johns, Newfoundland	10,000	4:30 - 5:00	N N R C
Fri. Dec. 25	Y N O L	825	Managua, Nicaragua	15,000	2:30 - 4:30	N N R C
Mon. Dec. 28	C K T R	1150	Trois Rivieres, Quebec	1,000	2:00 - 4:00	N N R C
	28 C K A D	1490	Middleton, Nova Scotia	1,000	2:30 - 4:30	N N R C
	28 K R K D	1150	Los Angeles, California	5,000	3:01 - 3:30	I R C A
	28 W D E L	1150	Wilmington, Delaware	5,000	4:00 - 5:00	I R C A
Mon. Jan. 4	C K U A	580	Edmonton, Alberta	10,000	3:00 - 4:00	N N R C
Fri. Jan. 8	K S * A Y	1010	San Francisco, Calif.	1,000	3:30 - 4:00	N R C
Mon. Jan. 18	C K O K	800	Penticton, British Col.	1,000	4:00 - 6:00	N N R C

W W J C

Writes Mr. Bruce F. Elving, WWJC-1270, 1120 East McCuen Street, Duluth, Minnesota: "I will be conducting an equipment test of WWJC, Dec. 21st from midnight to 2:30 a.m. C.S.T. One of the purposes of this broadcast will be determining our early morning skywave coverage. WWJC is a Christian station whose primary purpose is in broadcasting the Gospel message. We like to think of our DXing friends as a part of this outreach." This station is listed as Superior, Wisconsin, but the mailing address, above, is in Duluth, Minnesota, please note. This program is also WWJC's annual proof of Performance test, on what is hoped will be a clear frequency. DICK NORTHUP.

W B M E

(Info on NNRC's CKML & VOCM, P.2)

Writes Mr. Alan D. Vaber, G.M. of WBME, School Street, Belfast, Maine (in part) "I had the pleasure of originating a special DX program for you on WSBS, in Great Barrington, Mass. shortly after we took to the air. We would be happy to schedule the program for Dec. 21 from 3:00 to 4:00 a.m. EST. We will plan to program a series of marches and some college songs done by a choir. We will also send several periods of 1,000 cycle tone with frequent IDs and time signals. If we find the time for preparation, we'll try to give some facts about Belfast and the Waldo County area as well." rough channel w/WITH/WNOR and others, but give them a good try! A brand new station ERNIE COOPER

FOR THE NEXT THREE ISSUES OF "DX NEWS" THE DEADLINES WILL BE ADVANCED ONE DAY, MAKING MONDAYS THE DEADLINE FOR THE 12/19-26 & 1/2 ISSUES, DUE TO THE HOLIDAYS. REMEMBER!

December 12, 1964

DX NEWS

CKML- 610 (NNRC) Reports go to Mr. Jean M. Legault, Directeur General. Their program will be in both ~~EE~~ & FF.

VOCM- 590 (NNRC) Reports to Mr. William Williamson, OpM, Colonial Broadcasting System Ltd., Box 1-590, St. Johns, Nfld. (could be a half-hour earlier!)

N R C DOMESTIC CONTESTS STANDINGS

(as of 11/24)

STATES/PROVINCES

LETTERAMA

1. Barton	Points: 108
2. Conrad	46
3. Fela	46
4. Merriman	36
5. Johnson	25
6. Tilbrook	23
7. Phillips	18
8. Shirley	18
9. Lucas	15
10. Stone	12
11. Pietsch	8
12. Wheeler	2

1. Fela	Points: 18
2. Conrad	15
3. Phillips	11
4. Shirley	11
5. Stone	8
6. Lucas	6
7. Pietsch	4
8. E. Cooper	3
9. Wheeler	2
Plus no entries as yet from Peniston, Merriman, Snyder, D. Cooper, Karchevski, Keller, Thompson & Engberg.	

Plus no entries as yet from Gula, Kraul,

Peniston, Snyder, D. Cooper, Karchevski, Smedley, Engberg & Thompson.

Next listing will bring the standing up to and through 12/18. Contest manager is Jerry K. Conrad, 712 South Limestone - Lexington, Ky.-40508. We need many more entrants, as you can see, so why not pitch in and have some fun along with the boys above? Send 25¢ for each contest (or join only one @ 25¢) to Jerry Conrad N-O-W-!

WORLD MEDIUM WAVE GUIDE

(Information from Stewart Drake, of NNRC). The 1965 Edition of World Medium Wave Guide should be off the press in late December. This new edition has been expanded to cover all U.S. and Canada stations in three sections: kilocycles, call by alphabet and, location by alphabet. The data is up to date and correct according to FCC lists. I know as I did the work on this end. Price will be \$1.85 postpaid and it can be had by sending either a check or International Money Order to: World Publications - #1 Lindorffsalle, Hellerup, Denmark.

Stewart also adds the TV data is right up to date, and he is surprised at the date the Publisher has gotten! Sounds like a bargain, boys!

John Tweedie tells us KXAR-1490, Hope, Ark. had a DX program on Fri. Dec. 11, from 3:30 to 4:15 a.m., E.S.T. Received too late for publication in last week's DX NEWS.

ASWLC-II CLUB

The ASWLC wishes us to announce that they are from now on going to be strictly an SWBC Club, dropping their ECB section. They will recommend the NRC to all inquirers asking about ECB Clubs. And, of course, our best wishes to ASWLC-II and our heartfelt thanks! ASWLC (American SWL Club) is located at 223 Potter's Road, Buffalo, N.Y., 14220.

"AN" SITUATION

<u>OFFS.</u>	560 K P Q		<u>ONS.</u>	650 H J K H	SPU
	580 K F X D			590 K H A R	SPU
	930 K H J	Mms only.		1080 K W J J	SPU
	1230 K R D R			1250 K T W	SPU
	1240 K F L I			1330 K P O J	Exc. Mon & Tue
	1390 K B B O	& K S L M		1430 W I R E	?? Exc. MM?
	1450 K O R E			1500 C K A Y	Exc. Tue., 3-6am EST
	1490 K C I D	(s/off 4:00 a.m.)		H O N	NSP?
				1580 X B D M	NSP?
				1600 W I N X	Now inc. MMs.

DON'T FORGET THE DEADLINE FROM NOW AND THROUGH THE 1/2/65 DX NEWS - MONDAYS!

HEARD SINCE LAST ISSUE

690 K Z E Y	Now 1,000 D-3.	FCC	1260 K T E E	New XR site	FCC
990 K T R G	New XR site	FCC	1450 W K L A	Now 1,000/250 U-1	FCC
1150 W C O P	New (shorter) antenna	FCC	1480 W M Q M	Ex-WLOK	NRC
1190 W A N N	New antenna system	FCC	1490 W S I R	Now 1,000/250 U-1	FCC

MUSICINGS

Ray H. Millar - Box 91 - Marysville, Washington - 98270

"Turkey Day" found quite excellent midday (10am-2pm EST) reception CX; while nothing new, I did note midday reception of CBK-540, CBX-740 KSL-1160 & CFRN-1260. A bit earlier CKUA-580 had been noted 12:15-12:30pm, being the only reception of this station other than that of their DX of 3/23/59. Around 2:30pm, rarely heard 250w. KRKT-990 was noted w/no sign of CBW who holds the record here for most easterly & most distant midday reception. OK, on the DX by date since last report: 11/27- CHQR-810 Calgary, s/on 8am, rather weak for 10kw. 11/29- WWGM-1560 Nashville, ET/TT 4:58-5:11am; WAGL-1560 Lancaster, S.C. s/on 6:58am in very heavy QRM. 11/30- No tries at any of the listed DX Tests; 1560 too rough on MMs because of CHUB-1570 AN; 1220 impossible due to KXYZ-1230 AN; 1300/1390 didn't appear to be good bets here although I'd sure have loved to add GBAB/WPLM! Lone veris in since last report is from WONS-1410-TEST. Come on, mailman! Ron S, please note your TA paths to both Europe, Africa, & Asian Near East are over water; such paths here are primarily over land, & sometimes close to over the Magnetic North Pole (excepting Africa, such as Senegal, which is over land only to about Sydney, N.S.), so again mileage as such is not the most important factor in DX. For instance, DX distances to Sawawak & points to the E; Australia, S. Pacific, etc. are quite great, but almost entirely o/water. Also Ron, any chance that your 1565 un-ID SS is VOA-Liberia again broadcasting to SA on that channel? Far West DXers should be alert to fine TP opportunities on several frequencies shortly before LSR, after fade out of domestics in E, & after s/off of New Zealanders in some cases - such as 660 780 810 880 890 1030 1100 1180 etc. who all bear watching. This message not directed to Freeman or Wilkinson, hi! Unverified domestic reports out for 9/64 reception are now down to three, CEM KGAR & WRSL. Out for 10/64 five, being WBOL CKAY WIRE KDWA & KMSL. Nine foreign reports out that are unanswered from this same Sept.-Oct. period, but four of these are to "Reds" so don't expect too much. Of eight foreign reports, five are to Communist nations. This latter not necessarily to my liking, but only goes to point out how much of this Northern Hemisphere is being an iron or bamboo curtain. Not counted in above figures are three current tentative reports to foreign; as much as I dislike sending such report, I always seem to come up with a few each season. 73.

Rolph M. Johans - 11 East Chippewa Street - Buffalo, New York - 14203

Scoop: Radio CKAY Ltd., 1500 kc/s., Box 150, Duncan, B.C. has an embossed hummingbird looking at CKAT - stare with your ears, at the Colour of Sound. Mentions opening 10/5 and AN except Tuesday AN 12-3 PST (for 11/16 CBC 3-3:30am heard). V/1, FF, Reginald LaFrance, T for CKRB-1460, Poste Radiophonique, St. Georges de Beauce, Que. verifies 11/16 AM while KDWA Special. Hank T., you said it correctly. 11/28, new type v/q in from CM, color-info type, by Bob Oke, AE, CKCW-1220 Moncton, N.B. had 30th anniversary 12/4, started on 1400 kc/s., 100w., to 1220 '46; Sept. '64 got new 10kw. XR and use oldie with 140,000 hours of use as standby. As only CANADA replied; a Merry Christmas to all Canadian stations, and same to the three Gs, Ernie, Dick & John and to all NRC members. 12/5- DX NEWS in also and glad to note WCGC-1270 Test for 12/7. This 12/5 heard SSB on 1235 kc/s. 4:30-5:15am EST not ZBML, r/c WEZJ WMAX & other Mich. stations, then 1370 SSB 5:27:30 WJWS South Hill Va. cut by WEIF NX @ 5:59am. 12/4- CJRN-1600 off AN 12-6:16am due to technical adjustments & doing on/off OCing while Ernie's WWRL pounded the dial. 1380 had WAOK AN front & KSTP-1500 OC/TT till 5:58 singing SSB & s/on with a 6° temperature. WFDF-910 4:45 s/on u/WRNL & TT by KLCN & CBO, CBC program. 1370 had WSAY SSB s/on 6:00:30, "Day by Day w/Jesus." 12/3- KSTP-1500 TTing 5:15-5:31, then WJBK/WTOP talk it over; WTRX-1330 RS 4:40-5:10 w/KFH/WHOT/WPOW. 12/2- WTRX same, & on 1430, WIRE 2:40-3:15 etc. again. He must be AN, as heard several times. And so, 10-4 (Hi, John S.)

David Mager - 1160 Burke Avenue - Bronx, New York - 10469

I am a new member of the NRC & happy to be in such a fine organization. I am a high school student and enjoy DXing very much. Now for some of my recent logging: WSB-750 @ 10:45pm; CKAC-730 @ 6:08pm, WIOD-610 @ 6:30pm, CFOR-1570 @ 7:50pm, KQV-1410 8:25, WGR-550 @ 9:30pm, WCCO-830 at 10:30, WRAP-820 @ 9:20pm, WRVA-1140 at 8pm, CKWS-960 at 8:30, CKEY-590 @ 9:15, WBBM-780 10:50pm, WMAQ-670 @ 9:30pm, WPRO-630 @ 19:15pm, WIND-560 @ 7:15, Radio Americas-1160 @ 7:30pm. Veris recently received are WSB WIOD KQV WRAP WRVA CKWS CFRB WCBG WOKO. I also have a report out to Radio Bonaire-PJB. I hope this first report is in a helping manner to any member of NRC. That's it for my first report, but be sure it's not my last! (Fine, David, and welcome to the NRC! -ERC)

December 12, 1964

DX NEWS

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Mike Tilbrook - 261 Hoodridge Drive - Pittsburgh, Pennsylvania - 15234

Hi guys. Boy, has DX been fantabulous lately! Since I got my new radio I have gotten at least 50 new stations. Veries have been rolling in: v/c- KFBK-1530 KLOU-1530 for a five-month old report KNBI-1530, NASA TEST, WKTE-1090 TEST, KDWA-1460 TEST & KIMN-950. v/l- WCRL-1570 WWBR-1350 WEZY-1350 WGUS-1380 for #18 on frequency, WBRC-960 KIUP-930 w CM WCBL-1290 WONS-1410-TEST WAGM-950-IRCA DX, WBEE-1570 KABH-1510-TEST. Also got a letter from Radio Barbados w/junk about TV sets in Barbados, but na verie (blah). Now to DX. 11/15- KPMC-1560 2:49am. CJOC-1220 3:04am. Later in day, Radio Barbados-795, ZBML-1235 5:30pm. WLOR-730 5:43pm s/off. RNE-584 7:30pm. 11/16- WAGM-950 hard to get. KIMN-950 2:43am first time but still knocking WAGM all over the place. Also got some other station there at these times. WMDD-1480 DX in SS but at 3:25am I think EE ID. Unn WJRC almost killed KABH TEST but verie received as in above list. WTPR-71C r/c 3:55. WSPB-1580 3:56 r/c. WKYR-1270 4am s/on killed any hopes of CJCB. WONS-141C no sweat at 4-4:27am. WKTE-1090 in easy. Then, on 750 I got JBC s/on @ 4:46. Man gave frequency so tried them & got 'em on 620 too. WKIS-740 5:05am. Later in day, WGBS-710 o/WOR 5:15pm. KBOA-830 5:30pm. KSUD-730 to 6pm s/off. Radio Senegal in clear to 7pm s/off. KFAL-900 to 5:58 s/off. WLSM-1270 5:59 s/off w/SSB. TITC-1075 in EE to 10:59 s/off. 11/18- KXLR-1150 5:18pm. CFDA-1380 6:15 in FF. 11/19- WPRT-960 4:59pm. BDC-647 5:23pm. RTF-1205 to 6pm s/off. 11/21- RNE-737 7:20pm. RAI-845 8pm. CKSB-1050 9:40pm w/FF hockey game. WTRY-980 11:23pm. 11/22- WWST-960 1:52pm. WHAW-980 2pm. UAR-818 5:30pm. Then got UAR-773 5:45pm. WKZO-590 6pm. Germany on 575/593 6pm. VOA-1196 Munich to 6:45 s/off. 11/23- CKLG-730 to 3:07am s/off. KRKD-1150 2:58 s/off w/SSB. CFRY-920 DX in good. CBV-980 3:30am. No CFJR or CFTK DX. BDC-881; Colombia-650 3:45am. Maybe LZD-1000 4am but not sure. WITA-1140 s/on 4am SSB. WPOW-1330 4am s/on SSB. WDGL-1520 in easy, 4:00am. CBR-1010 4:25 ID. WEAB-1440 4:30 s/on. 700, JBC-4:46 s/on. WDNC-620 4:55 s/on, SSB. WTRP-620 5:07 s/on I think. Last on this day was CFCY-620 for a good log. Later in day, WLIL-730 5:14. WRCD-1430 4:30 w/off. Ireland-566 s/off 6:35pm. 11/24- WILK-980 1:58am s/off. WTAX-240 r/c. CJRN-1600 & finally KFQD-730 for first Alaskan. WSON/WFOX-860 5:45pm s/off. WMC-790 5:49, KWOA-730 6pm s/off. 11/25- WTOG-1290 5:22pm. WDZ-1050 5:29pm. WAUG-1050 5:30 s/off. 11/26- WYSH-1380 r/c 2:15am. 11/26- Next time. 73s and 1410s (KQV). Good DX.

Ben Dangerfield - 202 Governor's Drive - Chester, Pennsylvania - 19013

Most of the time now, my bulletin arrives on Saturdays, which is perfect timing for the weekend DX. Just to make sure this fine service keeps up, I renewed my membership w/ the \$6 first class postage payment, because I am well aware of the delays that occur during the holiday season & during the Winter season when the third class rate is used. DX still is at a fine level, though not so many new reports out the last two weeks. Back to MM 11/23. Unn CFRY was u/a Cuban on 920 kc/s. @ 3:45am, but nevertheless clear No CFTK; just the 1140 jammer. Noted CFCN atop 1060 @ 4am. The WDGL-1520 TEST was logged easily from 4:05 to 4:20. On 11/29, some good TA reception in the late afternoon, though not as good as on some previous weekend afternoons. MM 11/30- WAGL-1560 TEST heard just fine from 3:20-3:30am, & WPLM-1390 had a very strong signal, but got a tough battle from WEAM for a while. The WERT-1220 TEST was in w/a good signal from 4:25 pm. Working on 1020 kc/s., two stations were heard @ 3:45, but I couldn't determine if one was Tonga, the stronger, of course, being KGBS. Then at 3:59, YVQB, Cumana signed on w/a strong signal, & ruined everything. Perhaps this was the DX program sked for Tuesday AM. Nothing real exciting until 12/3 when I heard a drum interval signal on 1358 kc/s. at midnight, & s/on of two stations, one of which I suspected was Nigeria (the drums) & the other, Bremen. I went after 'em this AM 12/6 & this time got a beautiful logging of the Nigerian from Midnight until 1am, due to the fact that on SM, Bremen does not s/on until 1am. Of course, there were two others on this frequency all the time. Also had a station on 1458 kc/s. parallel to 1358, but weaker, much weaker. Lots of DX this AM & many TAs, including Scandinavians, and someone on 1425 kc/s. at 12:45am who could have been Thule, assuming CFSE not there any more. Haven't heard CFSE all season. Also, on 12/6 a tremendous signal from PRG2, Radio Tupi, de Sao Paulo at 2:00am, completely in the clear, on 1040 kc/s. Veries in from WIBS outlets. Roseau-695, and St. George-545, via a QSL card. Also, a v/c from Moscow re my logging of Kvov-935, and Ukraine is a new country, #82. V/c from Tirana, Albania, re 1358 kc/s. A v/l from WONS-1410, for TEST, and a v/l from Lyon, France. RTF on 602 kc/s., along w/interesting folders on Lyon, a city I visited in 1945.

AS THEY IN ST. JOHNS, NFLD., "VOCM." VERY OPULENT COMPLETE MUSINGS - every week!

Wayne Plunkett - 124 John Street - Weston, Ontario

Verie returns are starting to pick up w/the following haul last week: v/c- KNBI-1530 WKTE-1090 who says farthese report from San Leandro, Cal - hi, Rich Heald. v/l- WBRG-960 WHAK-960 WJRC-1510 who's farthese report came from Germany last March, KUSD-690, & KFBK-1530, directional N/S, ERP 350kw., suppressing 59.2° true bearing, so figure that out, guys. AN except 1-5am MM - some reports recently from Australasia, mostly N.Z. Right into latest DX: 11/15- KDHL-920 in nearly every SM 7am; WHCU-870 s/on 7; CKCK-620 weak but still on top 7:12; log on WHAK-960 7:16 s/on to 7:25; SSB-900 @ 7:29 unID but managed to dig out short log on WBRV a few minutes later so likely they; another 900 s/ on w/1,000w. @ 7:45 but couldn't null CHML enough. WNRG-940 dominating at 5pm but soon gave way to WCPC/WMAZ; started to log WCEM-680 @ 5:30 for about tenth time but fades rapidly; SSB-710 u/WOR @ 5:31, believe WROM; KUTT-1550 s/off 6:02. MM 11/16- WTRY-980 s/ off midnight to return @ 4:30; anybody know who s/off 1450 12:09 w/SSB? CFOB-800 s/ off 12:13 well u/CKLW, "Lee Francis bidding you GN from Fort Frances." Some of the Specials had big trouble this MM, about all I could make out from WMDD-1480 DX was mention of NNRC couple of times, strong QRM from WRDW, luck not w/me for KABH-1510 as for quite a while didn't realize it was WJRC on top as must have tuned away at IDs, so nothing definite on KQBH well under; CFAC-960 easy @ 3:20, log on KFBK-1530 3:28-3:35; CKLM-1570 AN this MM; WYDE-1480 s/on 4; WONS-1410 not powerfyl but logged easily; CJCB-1270 DX of course was poorly timed w/WKYR's Inspirational (?) Time to contend w/ c/w mx noted a couple of times way u/them between 4-5am & man & woman talking at 4:57, dunno whether CJCB or not. WKTE-1090 ET in good w/ID @ 4:44 - mx still audible after WRAL put OCon. Log on WPET 950, 4:45-4:55, almost forgot the horror of the AM - at times between 4-5, CJCB had some kind of idiotic OC/ET that effectivly covered nearly everything between CBL/CFRB, there ought to be a law about this, or maybe there is? K--N-930 s/on 7:07 w/1,000w way u/WBEN, would seem KKIN only possibility. 11/21- TT-1350 1:10 likely WCBA r/c but lost u/ CKLN/WABC. WAVZ-1300 well atop 1:15, not too common; CJRL-1220 1:05-1:18 s/off generally strong, CJLX-800 a good second to CKLW. EE-900 ded locating records but couldn't get definite log, maybe CKBI; third station u/ sounded like Top-40 type, possibly CHAB. CHRS-1090 CKCY-920 on top 4pm; WKTS-950 new 5:26pm. 73.

Andy Rugg - 16 Lake Breeze - Pointe Claire, Quebec

New veries are RNE-683 WACE-730 WSIG-790 PJB-800 WAGM-950 WKTE-1090 WONS-1410 CJEM-1450 WKER-1500. RNE was my #40 country QSled on BCB. For those of you inquiring about the 1150 AN MM FF, 'tis CKTR. DX in suburban Montreal: 11/20- Tentative WRNY-1350 r/c @ 12:12am; RAI-656 4:56pm; Radio Eireann-566 RS 5:58; also heard but not logged were needed (but weak) TAs on 638 827 1097 1187. 11/21- EAJ1012372 ID as "Radio Zaragoza" 5:41pm, but not enough to report; needed TAs on 674 746 845 suffered a like fate; RNE-638 easy copy before 7; 11/22- Rare WDBJ-960 12:05am; needed Belgium-926 after 1:30 but no report ppsible; CJEM-1450 s/off 2am; RNE-721 RS 2:09-2:26; unn CKCK-620 2:31; RAI-1115 finally reported from 4:31pm; right after they lopped out BBC-1052 gave CHUM trouble until 4:52 for another new one. 11/29- RTF-1160 from 5:06pm on CDEC tip. 11/30- Unn WPLM-1390 NNRC DX from 3:32am; WITA-1140 s/on 3:56; WERT-1220 TEST 4:22; Hil-versum I-746 finally copied 6pm. 12/1- WBRI-1500 s/on o/CFOX sidpover and o/u WTOP on bedroom set @ 8am. Totals are 1,306 logged; 1,203 varied, return of a little o/92%. 73.

Sheldon Miller - 840 80 Street - Miami Beach, Florida - 33141

Hi gang. Not too much new here, but CX continue generally good. The DXes of 11/30 were washed out by local thunderstorms, but the week before KABH-1510 made it just fine. WK here continues in the high 80s, but low humidity has kept CX tolerable. New loggings include KITE-920 San Antonio RS AN; YVKE-1100 Caracas SSS, one I've been after for years. Also HIBE-1180 a brand new Dominican heard 11/15 @ 3:45pm, slogan indefinite but sounds like Radio Mao, possibly Mundial, but calls are definite. KOYL-1310 Odessa, Tex. ET, also r/c from KIKS-1310 Sulphur, La. Verie in from Radio Trinidad-730 for ER 11/3. They were on NBC Net via cable, AN w/local ads (Shell Oil of Trinidad). Power 20kw, 160' antenna. I read where Ft. Brooke, P.R. will soon be phased out in accordance w/the recent military cutback so better get those ACE-1200 veries quick! They never answered mine. I will inquire of HIBZ-1340 about another DX maybe an AN affair this season. Their M called up to say hola this Summer, on a business trip to Miami. However he was disappointed about the results of last year's NRC DX. I visited the WC of Fla. this week. 100 miles W of here & found new WENG-1530 RS. Also the new Cuban in Perico, Mat. 1220 is quite loud there, one of loudest on dial. Colon-720 kills WGBS & WVCG 10kw. 1080 is a little louder than CMBQ-1000 10kw. WUPR-1530 heard nights RS also @ s/on 5am. The 1530 Dominican moved to 1528. The poorly modulated SS-1527 a few weeks ago was HON, but they're now back on 1500. Believe they run NSP. 73.

December 12, 1964

DX NEWS

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Don Eggert - 1925 East Rowman Street - South Bend, Indiana - 46613

Hi y'all. Here we are - buried in the snow and w/nothing to do except DX. Gee, that's terrible, hi. Sorry I couldn't make it out to WJVA for the TEST as the snow was just a little too much. He had to use a tone because the you-know-who said they have had just a little too much entertainment. I hope all you guys who heard them and didn't report your reception will. Mr. Grundtner is really interested in our reports. All correct reports will be veried w/letter, CM, SC and maybe even a window sticker. DX was fair to good here this week w/the following logged: 11/29- WBGR-1370 @ 5:28pm s/off. 11/30-MM- WIRO-1230 @ 2:19 w/DX but I couldn't get enough for good logging, WOAY-860 @ 4:42pm (thanks to David Doswell), KUSN-1270 @ 6pm, unnn KADL-1270 noted @ 6 also. 12/1- WHBT-1600 @ 5:20pm, CBJ-1580 @ 7:19pm. 12/2- WCCN-1370 @ 5:30 s/off, WREN-1250 noted for the first time on SSS. 12/5- XEDM-1580 @ 12:05am, WISM-1480 noted AN @ 2:37 (This one not on AN situation list so it should be added to AN List in DX NEWS.) Only one verie this week, v/1 from KRKO. Boy, I'm waiting for this MM (12/7) because I need these Specials! I was down at local WSBT-960 the other day and saw the works. One of the TDs said they have over \$1 million wrapped up in the AM/TW/FM. Their signal goes up into Canada at night so they don't get a lot of reports from DXers in the U.S., although they were heard in Calif. when they went on the air way back in '22. RJS: I have your letter & you'll hear from me soon. SCs I have for trade are WSBT-TV WJVA & Also a vevy few WIFEs here. 73 & DX.

Ray H. Kraul - 6423 33 Street - Berwyn, Illinois - 60403

It has been a while since I've sent in a Musing, and I was beginning to get a guilt complex. MM 11/9, was fairly productive. Heard CJSS-1220 @ 12:10 s/off. Then WDCJ-1220 WYNS-1150 TESTs. 11/14- KCAB-980 w/RR 1:47-2am. Also noticed unnn KPUB-1480 ditto at 2:38. The afternoon of the 14th, KXIC-800 was in well for a good log SSS @ 5:32-5:45 s/off. MM 11/16 was a bit frustrating, hi. 1- WAGM-DX covered by KIMN/KSEL 2- WMDD-DX covered by KBOX. 3- KABH obliterated by WJRC and finally 4- all set for CJCB when WKYR came on. I did hear WONS & WKTE. Next new logging was r/c from KEYJ-1400 on 11/21 1:20-1:35. Of the 11/23 DXes, only WDGL and CFRY heard. CFRY unnn. Two more r/cs noted w/TT: 11/24- WTMC-1290 12:15-12:30 & 11/27, WSHF-1290 3-3:15. On the afternoon of 11/27 WMRR-1540 coming in pretty well at 4:45. Final two loggings were WAGL & WERT TESTs, both in well. Some veries since the last Musing: KEYJ WKTE CJSS WYNS KLKC VEBY WOGA WHBY WTIL WHUB & WGLC.

Bob Kelley - 4790 North Larkin Street - Milwaukee, Wisconsin - 53211

First, thanks to Len Kruse for his many fine TESTs. I have received all of the tests that I have managed to stay awake for. TAs are coming in, but only fragments, not enough to report. Local DX is excellent: Totals now are 370/250. Latest DX: 11/30- CFCO-600 in 2:35 followed by CFCN-1060 at 2:40 and then the WAGL DX at 3:02 in w/excellent signal, better on 500w. than 1,000. I couldn't find the TEST on 1390, so took log on KCBC for report. The WERT TEST started at 4:22, and was somewhat hampered by the presence of a carrier, but log was easy. Checking around during the WERT TEST, I found ACE in Puerto Rico signing on @ 4:27 w/WSSB, then played c/w mx until out at 4:35. 5:02, saw a test from KDOM-1580. 12/3- Saw tests from KEYD-1220 w/mx & frequent IDs, KLMS-1480 from 3-3:15 with 400cycle tone, WOW-590 testing, and local WMIL-1290 had OC/on. WWIL-1580 noted signing on @ 5:04. That's all for now.

Eric Nelson - 92 Carman Road - Huntington Station, L.I., New York - 11749

Hi out there in NRCLand! I have to thank Hugh Buckner and Ernie for the friendly get-together in Brooklyn on 11/28. Too bad I had to come late (couldn't find it, hi) and had to leave early. Oh well, it was loads of fun. Hope we have another, soon! Latest loggings here in the "listening shack" are PJB, Bonaire on 11/28 @ 6:40pm w/the wonderful help of Rev. John Sexton in Lucan. WWSW-970 on MM 11/30 @ 1:30am. KOB-770 on the same MM (finally, hi). WEZE-1260 on same MM also. WDOK-1260 again also 11/30. To J. Plonka- There is a CBXA at 840 kc/s., from Edmonton, Alta. There is also a CBX at 1010 from the same city. Thanks to Rev. John Sexton, Joe Fela, & John "Rock" Flanigan for their letters. If anyone wants to write to me, it's A-OK w/me. In fact, please do. Only three veries from good ole mailman this past week: CBT CFOX WICC. I've asked some NRCers by letters already, but in case they don't know, I want some info on a station heard MMs at 1150 kc/s. who call themselves "Radio Variadades" (oops, I forgot to say it's an SS). Their ID is given as "Radio Variadades" which is followed by a train whistle & as far as I can understand their QTH as "En Mejico." Anyone speak good SS & hear it? That's about it 73s & Merry Christmas if it's not too early.

John Jackson - 14603 Rayfield Drive - La Mirada, California

Well, the past three weeks have been good DX-wise. But first some other things. Rich Heald, you are wrong about KTOT-1050 Big Bear Lake changing it's call letters. They still UD as KTOT on RS. As I thought before, KHJ is off MMs only. DX: 11/9- KOPY-1050 11/11, I added two new countries, Barbados-795 and KICY-850 Nome, Alaska, also a new state. KIMO-850 was noted too. 11/14- CHAB-800 & SS-1120 which I think was VOA in Marathon. 11/15- KGW-620 KBUZ-1310 KBLU-1320 KDOT-1440 KCVR-1570 & KDXU-1450 St. Georges, Utah my best graveyarder yet. 11/16- Got WONS & KABH TESTs. Veries received on 11/25 & 11/28. WMDD was heard faintly and I got WSM-650. Now I read only WNBC for all clear channels. When do they s/on MM? (5:30am -ERC) 11/20- KLVI-560 KINGS-620 KIDO-630 KIDD-630 KLIx-1310 KKAM-1350 KRKO-1380. What city is a KSRO on 1380 in or something like that? KHFH-1420 KXOA-1470 KLOV-1570 KDAB-1550. 11/23- North Dakota became my 32nd state w/KSJB-600. Also added was KAYO-1150. John Flanigan- you think you're bad not logging WMAQ? I hadn't logged KCBS which is only nine or ten miles away w/50kw. I now have it. 11/26- Trust all had reasons to be thankful. CFOR-1570 thanks to John Callarman's tip on XERF's demise. KUDE-1320 KPAL-1450 KOWN-1450. 11/27- KSMA-1240 KYOR-1450 KSRV-1380 KMUL-1380 KMBV-1240. I expect to add a Q-5er this month & this month is the end of my first year DXing. The NRC has been a big help w/ its DX NEWS. In fact I don't know that I would have kept DXing this long without it. Let's all support the Club w/a Musing at least as often as possible - OK? Merry Christmas to all. Where can I get the Broadcasting Yearbook?

Curtis Engberg - 80 Concord Road - Wayland, Massachusetts - 01778

The past month has been a good one mostly due to DX Specials. My totals logged now up to 1,683, up well over 100 since joining NRC last March! Eighteen new stations logged in past month, but veries in only from CBT WTHM WKTE WJRC. DX as follows: I spent two days concentrating on 540. On 11/18 CBT and XEWA during evening but the loop separated completely. After XEWA s/off @ 11:55pm, WDAK took over until WVIC came on w/a check @ 12:07am on 11/19. Later CBK was dominant. On 11/26, Thanksgiving, I monitored local high school FB game on WBIC in the AM, then at SSS, WDMV was well atop until 4:45 s/off, leaving WARO & CBT battling until WARO s/off at 5pm. Then finally HJKA in very strong at midnight s/off. That's nine on one channel w/WARO WDAK HJKA needed here! Specials heard here wer: 11/9- WDCJ WDOV. 11/16- WMDD WONS WKTE. 11/23- WDGL. Other loggings: 10/28- WCKR-780 o/WBEM AT 5:30pm & YMM-615 s/off at 11:05pm. 11/1- WBUC-1460 check at 1:35am, WTHM-1530 at 5:05pm s/off. 11/7- WDVA-1250 at 12:30am s/off, CEN-640 at 5:45pm before Cuban, CFCF-600 at 6:45pm. 11/14- Good log for over half hour following 6pm on Jamaica-750 w/WSB mostly muffled. 11/16 was excellent w/all Specials in good except for KABH that couldn't get through WJRC test. 11/19- Belize-834 in like a local for ten minutes at 8:34pm, hi! 11/20- CJKL-560 on top at 12:10am s/off w/paryer & GSQ. 11/23- WYZZ-1480 at 4:30am, & just before the WDGL TEST I spanned eight hours by logging KNBR-580 & Radio Caroline-1520 which was very strong at ID given as "4 1/2 minutes before 9am per announcer (3:55 EST). 11/27- BBC Westerglen, Scotland in at 3am w/local WX forecasts & NX. Jerry Conrad - your tip on loop helped, but I find I get best null when I have 100' antenna attached to ground terminal of RX. Explain that, hi!

Billy Andres - 11135 128 Street - South Ozaone Park, Queens, New York - 11420

Hello again. Over the summer, I found out some things about WAMS and WPOP. Lee Davis at WAMS showed me around, and said they have several directional arrays. Their basic coverage, according to their CM, is SE. They cover 95% of Delaware, and all of South N.J. He also mentioned something of two nighttime lobes, on each side of Newark, N.J. WPOP has a SW/NE pattern on their CM. Mike Tilbrook: I'm interested in your WTRY/WENE SCs. Please hold onto them. you'll get a letter soon. Recent DX: I missed some tests but morning & SSS have been profitable. 11/13, great Florida: WMYR WBIL WDBF WLYB. All TESTs except KABH picked up 11/16, plys WIRK s/on = 4:57. WPHG logged & QSLed (16 seconds of rugged listening, hi). WLOF v/l back, requesting a tape of the NYC "Top 40" stations, WIVK WONS WJRC WPHG WALK WVNJ latest veries. WTIx card shows a coverage area of more than half of La., some Texas, southern Miss & Ala. & Fla's NW coast. This would be approximately the size of New England. Also WJJC v/c back from 3/3/64. Who s/off @ 5:15 w/Joe Tifton on 1540? It's so far back I don't know if it's Nov. or Oct. I'm looking forward to WBZB & WJVA TESTs. Nassau Co. listening in Massapequa Park: WGLI QRMed by WADO, WNJH weak u/WPAC, no sign of WAPC or WLMG. WMID loud, WRIV hardly at all. WGLI can hardly be heard on a car radio at the six-mile mark at 11pm, heading W. If anyone needs (snicker) WABC or WmCA SCs, please write. Veries, 106. That's it.

Jerry K. Conrad - Lexington, Kentucky

Well, let's get a Musing this week. First I saw a querie in last week's bulletin as to status of WKYK-1340 Richmond, Ky. Semi-local here, is AN Friday/Saturday nights (or Sat. & SM) hi. ID as Weekly Radio. Let's work backwards this time on new ones. 11/30-11/30- WERT Special a few minutes late under an AN OC, who? WGAR? WGUS-1380 4am s/on WEAM-1390, no sign of WPLM DX, only this test & KCBC AN. BBC-881 Washford, Wales, 3am, good log on them. WAGL TEST very good here, previously logged but no report. KGMO-1550 f/c 1-1:15. 11/29- WMQM-1480 6pm s/off, formerly WLOK; WVOM-1270 6:45pm s/off; WHEC-1460 Rochester, NY at 1:05am, said on till 2:00. WDSM-710 s/off lam, way o/WOR. 11/28- HOS21-1035, Panama, is call correct? 11/24- KWAM-990 6pm s/off. KWTO-560 5:30 pm verified on letterhead. WYLO-540 5:30 s/off, long wanted here. 11/23- KDSN-930 Aberdeen, S.C. AN. CJVI-900 Victoria, B.C. #5 from B.C. not enough for a report. 11/22- WLCS-910 Baton Rouge on AN rr strong signal, but only time heard. WHP-590 lam s/off. CJRN-1600 Niagara Falls now AN, bah! KWVY 11/20 r/c, 1460, verified. WIDD-1520 ET @ 12:30, verie says now RS. Let's cut this here. Real goodies in the verie mart, hi! VOA-1196 Munich & LZD-1000 Mauranga, N.Z. say yes to my reports for countries #22-23. and Points in the Contest. Other veries, WNYC WHSY KTOK WHHL. Somebody said an awfully lot of non-ID TTs. Boy, do I agree! I have wasted hours waiting for them to ID w/ no luck. What gives with this "copyright" jazz? This is OK for something of tangible monetary value. I didn't join NRC till after 2/64 but remember, fellows, this is only a game! It is not life and death! Totals here now 1,513/450. Countries 44/23. Rich Heald, you owe me one six-inch reel of tape w/your voice & Doug Nash's on it! Jerry Bond, Bill Bens, what happened? This cold WX send you into hibernation? Tee. By the way, 10-4 is Citizens Band usage for OK!

Stam Morss - Route 3 - Bradford, Massachusetts - 01832

11/27- WKER-1500 Pompton Lakes, N.J. RS 4:28pm for a report - had to replay the tape to dig out items. Veries, WONS WLOR WKTE & KRKO. 11/29- CHWO-1250 AN show topping frequency 5:30. WTRX-1330 AN 5:50. WRNY-1350 at 6am s/on per Ernie's tip, fair u/WADC till WAVY s/on @ 6:23, then nothing. WKFD-1370 s/on 7am. NX u/WMEX 7:04 mentioning accident on Route 190, probably WNLC. 11/30- CJBM Causapsal Que. s/off 1450 @ 1 am, not long enough for a report. KNWS-1090 Waterloo, Ia. TEST, 1:09am. Mainflingen-1538 at 1:20 strong. Rheinsender-1016 good signal but unfamiliar mx, 1:40-2am. "La Voz de Amigo" en Bogota 650 2:08-2:50am for a report. WBRI-1500 Indianapolis Ind. test 2:56. WAGL-1560 Lancaster, S.C. TEST, 3am in the clear. WEAM making it tough on WPLM DX here. Radio Caroline still in at 4am and after with fair signal - goodbye KYMN DX! 675 had "La Primera Cadena Nacional", "Cadena Musical" at 4, presume TIU, TX in CST also. WERT-1220 Van Wert, O. TEST, 4:20. CKTR-1150 AN, Three Rivers, Quebec in FF. Indefinite verie, KABH.

Ross Hansch - 302 East Dean Avenue - Madison, Wisconsin

At last the Europeans are making it a little into Wisconsin! MM 11/30 I got home from work about 1:30am. Dakar-764 S-9 FF 1:40 ID, followed the FF program on 1205 2-3am, suppose Bordeaux, but never could ID through static, level S-4-6. 1214 had OC w/program underneath but faded out by 3:00. 1196 always there but seldom could hear program. 2:27, ID "La Viz Amiga" S-8 650, 2:35 782 fighting ORN S-6, suppose Lisbon, 2:59 ID KEX with Billy Graham. 6:50pm, a soprano doing quite well on 584, suppose Spain but still no European IDs. 582 S-7 but too much WBBM. 12/5- 2:02-2:12, 1214 kc/s. piano mx w/symphonic mx S-6 through static, do they really play this stuff at 7 am in Britain? The loop helps on WCAU. Too tired, hit the sack. 73.

Dan Phillips - 271 East 8 Street - Cookeville, Tennessee

Latest DX here includes the following: 11/24- WTAX-1240 r/c ID 2:21. F/c from KWAK, Stuttgart, Ark. fm 2:45-3 which the announcer said/was an r/c. They are on 1240 kc/s 12/2- WKAY-1490 local on the frequency, which was a new logging. 12/3- WKAR-870 logge over the top of WWL from 4:22pm to 4:37 for a welcome catch. WX has finally turned cold and first snow came on 11/30 so DX should be real nice from here on out. Latest veries: WTAX KONO WGUS KELO WACY (thanks to v/s in column) KRNT KAPB & KWAM. Best DX.

Bob Foxworth - Vatican City

Thought I would send a card and say hello from Vatican. Hope all is well this season & that DX is being good to all. I'm looking forward to maybe having a gabfest this Spring and will try to get some pictures of a few stations. 73.

Robert S. Duggan Jr. - 1112 Mason Woods Drive N.E. - Atlanta, Ga. 30329

I've received quick veries from Honaker-800 & Belize City-834 for two new countries & my first veries in several years. My many other activities limit DX but I still enjoy.

Ron Schatz - 510 N.E. 158 Street - North Miami Beach, Florida - 33162

Greetings from Florida, where coconut palms flourish under January heat waves. As I type this Musing on 12/5 @ 7pm, the temperature, after a violent thunderstorm (in December?) reads 72°! Maybe this will warm things up! After much thought and encouragement I have decided to bid the city of Miami as the 1966 Convention site. I mentioned "Miami in '66" some time ago, more or less as a joke, but the lure of a Florida vacation enticed one member to volunteer instructions, not to mention several letters of encouragement, so it seems I have no choice, hi. I realize the work, responsibility, and standards that are required for these things, like the field trip to the Keys, visits to local stations, motel and dining arrangements, publicity, etc., so you can take me seriously. I'd like to add that many IRCA members are petitioning me for a Miami Convention, so you can guess the possibilities - a double convention with a lot of new faces! Please send comments this way. No domestic DX this week, but last night at 11:30pm I logged Cottbus-746 for my 101st TA. More stuff in the "golden pages." By the way, PT, I was never "anti-NRC!" I'm not that nutty. 73s & good "DXing World-Wide."

John Callarman - Box 1914 - Pampa, Texas - 79066

Strange new antenna has gone up. Terminal #1 of my HQ-160 is now connected by 52-ohm coax to 70-foot copper wire under my eaves. Terminal #2 by half of a 300-ohm twin lead to my 40' high TV antenna. This makeshift bit went up yesterday (12/6) & split frequency results last night were the best I'd ever experienced. Going back to 11/30 I logged ZEM1-1235 good level 1:17-1:55am for report; KEABC-760 logged 2:05-2:33; SS on 1560 noted weakly until carrier at 2:57 came atop. Clarence Freeman and I are worried about this one. SS chipmunks & rancho mx on 1480 w/SS talk may be KWIZ, s/off 3am. WAGL-1560 excellent, CBNE-1370 apparently is the station on this channel // to 1550 up to S-5 once, but had Jap there too. Heard "--- Popular" in ID of SS AN on 1460 & sent taped report 3:24-3:59 to HJW, Onda Popular, Bogota. Unn WERT-1220 okay on TEST, but late. SS u/WCKY-1530 nothing but talk 4:21-4:34, i.e. WCKY's OC. WAPA-680 good at 4:45 s/on, but u/OC & mx station. Radio Belize-834, logged for report 12/4 at good level 6:54-7:30pm, in SS to 7pm. 12/5- Barbados-795 in 9:50pm, but XELO too loud. TILX-725 & YNM-615 strong, about even w/neighborhood TV sets around 9:50-10pm; TGRT-685 "Fabulous" all evening on to 3am; YNAG-1475 logged 10:41-10:59pm s/off for report to still unverified country; noted SS on 1505 weak, will have to work on him. HCEW2-995, definite ID w/slogan, call "Radio Suceso" and frequencies 11:12 to 11:31pm. Weak, and w/CBW trouble, but sent taped report, for first Ecuador. LA noted on 835 11:33pm, after Belize off. Who on 1375 in SS 11:36pm? LAs on 1115, 1125, 11:45-11:55pm; carrier on 1034 11:59 & (12/6) on 683 12:05am, but squeezed by 680 & 685; Radio Emperador-840 strong 12:14:30 WHAS s/off to 1:00 tune-out and report to Guatemala City. Found PRG2-1040 at very good level for relog 1:06-1:32, hoping to clear up previous "verification", which came for PRE4, their sister station on 1300. (Beautiful pennant, too). Then, found two men & a woman speaking FF on 818 kc/s., playing mx (European) & not much QRM from strong HJED. Logged 1:36-2:02am, did not hear specific ID, but sent lengthy taped tentative to "Radio des Valles" Andorra, for pleasant surprise. Sometimes up to S 4-5. Carriers noted 782 728 683 1466 1475 1538 1554 1214, but nothing to log. Dakar good. Looks like I'll get some DX in this year after all, hi! 73. (Wonderful work with IDX, John! -ERC)

Roger Burket - 1213 24th Avenue - Altoona, Pennsylvania - 16601

Hi all. I have been a member of the NRC for several months now & I thought it was about time for my first Musing. In the way of an introduction, I am 16 & a junior in Altoona High. I have been BCB DXing for about three years. My receiving is done w/a Hallicraters S-20R using a 75' longwire antenna & a loop. Here are my totals: logged 517, verified 224; states 43/43, countries 11/9, provinces 5/5. Most recent veries: v/1- CKOC WHOF WINU WHEG WWDG WAWE GJSS WDEV CHOK CKGY WJET KFYR WDGW WGAN. v/q- WAIT WILK 4VEF WWOL WNOR WING CBJ. CX here are excellent for SA & CA, but only one TA heard, Monaco-1466 so far this season. I heard the Specials WAGL/WPLM on MM 11/30, but the other two were too late for me. DX since then: WMEX-1510 11/30 6pm o/WLAC; WJNO-1230 12/1 2:15am & also three r/cs on 12/5, WDOW-1440 1:45-2; WCBT-1240 end 2:15; & WBRN-1460 2:15-2:30, all TT. Reports out to WGKV ZFBI WAPE WHWB KSTP WAGL WIOD WIRC WMEX WRNL CBK WMBG WJNO WCST WTHM WGUN. That's it from here, By the way, anyone wishing to swap QPE, SWL, Ham or CB cards w/me should do so. I will return our family CB QSL & my WPE card. Best of DX & 73ses to all. (Welcome to NRC, Roger! Muse often! -ERC)

December 12, 1964

DX NEWS

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Bernie Duffy - 77 Livermore Avenue - Staten Island, New York - 10302

Being successful in logging KROW's DXcast 12/7, I feel I have reason to "know" so here goes for details on that morning's tuning. WBZB-1510 Selma, N.C. cycle tone test 3:45 till after 4:00, w/few IDs, came in fine, till same-assigned WPSL, Monroeville, Pa. opened up @ 3:57 and from then on both of them were equal. Tuning to 1460 @ 4:12 I was pleasantly surprised to hear the first mentioned station coming in fairly well till 4:30 when WPON, Pontiac, Mich. made its daily s/on. Oddly enough I couldn't hear KYMN, Portland, Ore. A letter from CFJR Brockville, Ont. is my only recent veri. My heard log now numbers 3,112 - about 75% of which have verified. That's not too great a return on 36 years' DXing.

David Gnauck - 444 Old Hook Road - Westwood, New Jersey - 07675

Salvete, fellow members, this is my first report, having been a member for only a few weeks (36 to be exact). Current standings are 410/629, w/about 15 countries, 9/10 provinces, 41/44 states (the last three being real new, S.D., Iowa, Nevada) & 30 Cms. The RX is a Lafayette HE-30 w/a Lafayette RK-140 tape recorder, coupled to a 50' wire & four-foot loop. I am now 14 and have been actively DXing for about 2.5 years. The hobby first touched me at about age 9 when I accidentally acquired a copy of the mighty White's Log. I used to sit in front of a \$15 table RX @ 11am, close my eyes, & run my fingers down the list. The station it stopped on was my goal, WHEW-1600, Florida, very nice. Mommy, where's 1600? Guess what I didn't hear - WHEW. So, try again. KXO-1230, Calif. Mommy, where's---? However now I've had to change my method. I learned to read the dial myself, hi. Later on I began making lists of the 20 local stations. Finally one night Summer '62 I heard on my transistor RX WTOP & WKBW and this got me going. On 11/16/62, I got the above RX and learned my best friend had the same hobby (helps to know). On 1/8/63 my first reports were sent out and WICC-600 the first back. Ninety-nine reports went out that month. On 12/17/63 I got the recorder. To get something out of the way would someone please tell me about the information I have been getting lately from another club? Recently got my first two TAs, Radio Senegal and BBC-1295. Senegal has a nice card, and my first CBC relay, CBNE. I have joined the Domestic Contest & you foreign guys better be glad I just didn't join yours, hi. Latest DX: 11/23- WJBO-1150 w/lam s/off; WKGN-1340 on RS @ 3am, CFAC-960 3:45am, WGH-1310 4am s/on; WIRC-630 5am s/on. 11/25- WHHH-1440 @ s/off at midnight, third report. 11/26- WABC-770 for fourth report at 11am; WEAN-790 at about 11:30am. 11/30- CKSL-1290 on RS @ 1am; BBC-1295 on RS 1:15-2; XEJP-1150 2:10-2:30; WAGL-1560 3-3:20; WPLM-1390 from 3:30 on o/u WEAM also on ETs (as always); WERT-1220 TEST 4:23am; WGYW-1430 at 5am s/on. Veries for November are in the v/s list where they belong. I would be interested in corresponding w/someone my age in the tri-state area here, so someone write! I hope to report again, soon. Till then, valetе omnes. (Guess who takes Latin!) (Welcome to the NRC, David, and your future reports will be most welcome.-ERC)

Alan Merriman - 7504 Montrose Street - Alexandria, Virginia - 22312

Things continue at a pretty fair pace here, so here's DX: 11/29- RomeII-845 4:45-5pm for a report. 11/30- KNWS-1090 Waterloo, Ia. @ 1:15am w/a test, asking for reports & promised QSL. KENO-1460 Las Vegas, Nev. @ 2:30am. WPLM-1390 Plymouth, Mass. real rough on DX w/local WEAM on, but did manage report @ 3:55. WERT-1220 Van Wert, O. real good on TEST @ 4:30. 12/1- KWRF-860 Warren, Ark. @ 1:46 r/c real rough w/lots of QRM. WCLB-1220 Camilla, Ga. @ 2:15 r/c-M, in the clear. 12/3- Radio DDR-1-1043 10:10-10:45 pm on top for a report. 12/4- BBC-809 Scotland 1:40-2:05 completely on top for good report. BrusselsII-926 fair @ 12:30-1 & again 2:05-2:15, report sent. Europe has been coming in real well all week. Hope this keeps up. I'd like to have 50 countries verified by the end of the season. Lots of veries this week, a total of 21. v/q- WING CJCA CBLG/CBEC CFAC KOMO KCTX. v/1- WCAW KPDA KABH CJBR WMSJ WGCB WMTG WJEL. v/f- CKLG WAGM WVOP KORL WYLD WCOA. WHLO returned f/up w/verie, on it. Letter from CBL said it was either Chapleau, CBLG, or Elliot Lake which would be CBEC. Apparently CBLK not on AN. This will probably be my last Musings until after 1/1. I won't be doing too much DXing between now and then. I work for the Post Office and will be working 12 hours a day, seven days a week until then. I will try for the Specials, but that's about it. I will say 73 to everyone and good DX.

NEW STATIONS

720 Eleels, Hawaii 5,000 U-1 1090 Monticello, Florida 1,000 D-1

NEW BALLS

980 K E N D Cheyenne, Wyoming 1520 W T T O Toledo, Ohio
 1300 W P N H Plymouth, New Hampshire

CALL CHANGES

800 W B O K New Orleans, La. fr. WSHO 1400 W K F R Battle Creek, Mich. fr. WELL
 1230 W S H O New Orleans, La. fr. WBOK 1530 K S M M Shakopee, Minn. from KISM

FACILITIES

760 K F M B San Diego, California, from 540 kc/s., to 5,000 U-2 fr. 5,000 U-3.
 800 W D U X Waupaca, Wisconsin, to 5,000 D-3, from 1,000 D-1, same channel, and
 move XR NE.
 1440 W I O K Normal, Illinois, to 1,000/500 U-4, from 1,000 D-3, same channel; no
 change in day operation; new nighttime XR at different site, to the NE.
 1450 K E Y Y Provo, Utah, to 1,000/350 U-1, from 250 U-1, same channel.
 W K E I Kewanee, Illinois, to 500/250 U-1, from 500/100 U-1, same channel.
 1490 K T O H Lihue, Hawaii, to 1,000/250 U-1, from 250 U-1, same channel.
 K Z Z N Littlefield, Texas, to 1,000/250 U-1, from 250 U-1, same channel.
 1500 W J B K Detroit, Michigan, to 50,000/5,000 U-4, from 10,000/1,000 U-3, same ch.
 1600 K W O W Pomona, California, to 5,000/500 U-1, from 1,000/500 U-1, same channel.

DELETED

580 K A B I Ketchikan, Alaska

(above purchased from the Seabrooke Printing Company, Washington, D.C., 20004)

REMINDER: PLEASE DOUBLE-SPACE!

Mostly all comply with this little favor asked by your Editor, but won't the rest of you few please also do so? This means simply to skip a line between lines, not skipping a space between each letter, or double-spacing between words - just simply, skip a line! OK? Also, please don't use the 24-hour time system in musings. We aim to keep your musings as every-day language, (except for our weird abbreviations, hi, which are simply for the saving of space.) Report often, hds, and thanks a million! -ERC

Ernest R. Cooper - 438 East 21 Street - Brooklyn, New York - 11226

No verite this week; only a denial by CFAM-1290 - 'twas not they, alas. But a CM & program sked sent anyhow and an Altona picture postcard - very kind of them. Well, I had a fairly good week, so here goes: 12/5- WJVA-1580-TEST heard, and just in time, as they signed off at 1:55 a.m. Maybe they were on an hour sooner than we listed them. Noted WEMD-1460, Easton, Md. ET o. WBERN's r/c-TT. WENT-1340 noted AN with warnings of storm-downed live wires in that area. 12/6-SM- Anyone needing WEBB-1360, Baltimore, they're easy at 5am s/on to 6:00 w/only WKAT to interfere. Also, if you need WTTT-1430 they're 10db. o/S-9 hereabouts on SMS and sign on around 6am and dominate thereafter w/ WNRJ off. 12/7- After being inspired by hearing many TAs at Ron Schiller's house Sunday late afternoon, I went after some myself back home, starting at midnight, w/a day off from work permitting an AN DX session here, and a bonnie morning it was! 12/7-MM- 12:01-12:33am, log on Bratislava-1097, which is fairly easy after 12:10 when KYW-1100 s/off MMs. Happy day; WWRL-1600 was off 12-5am, but WINX-1600 took their place, so nothing new on that channel all AM. WSET-1410 was AN along w/WENT-1340 & WWSC-1450 for that severe ice storm mentioned above. "Radio Veronica"-1562 logged 1:18-2:10, but what is their address, anyone? Polish TA on 1367 kc/s. heard 1:40-2:27 as I switched back & forth from Veronica-1562, report sent to Warsaw office. WINU & WMEX both on 1510 2:17, WMEX OCing all AM. Noted WCGC-1270 most of AM w/ band mx on a PoP test. Also, WERI-1500 w/usual MM testing, OC, TT, & hymns, weak, about even w/KSTP-AN. As Stan Morse predicted, Radio Caroline I-1520 ruined KYMN's DX. Caroline was S 6-8 & no sign of Oregon. Caroline still in until 4:25am! WBSL-1510 TEST logged u/WBZB's constant TT, & u/WMEX's OC. Ironically, WPSL signed off "so as to give another station on 1510 a clear frequency" but it wasn't reciprocal, for WBZB tested throughout WPSL's time. I heard WPSL got calls from Don Eggert, and someone in Indianapolis. Then log on WBZB TEST, who didn't verify their ETs of a few months back. Who was the 250-watter who s/ off an ET around 3:57am on 1500 kc/s.? That's my ginx frequency, where I always get there "just in time to be too late," hi. Last, the piece de resistance of the morning when AHD-780, all 50 watts of tem, logged at s/on 4:58 to 5:12am, u/WBBM's OC, which was a great help as it pushed away WABC-770's slopover. So long, and G U in 7.

Send your DXDD items to J.W. Brauner, RD 1, Box 61, Punxsutawney, Pa. 15767

Freq.	Call	Location	Remarks
540	WARO	Canonsburg, Pa.	Sun. Sked for Dec. 7:30 A. to 5:00 PM. JWB
750	WBMD	Baltimore, Md.	Dec. RS, 6:45 A to 4:45 PM. Edmunds
860	WAYE	Baltimore, Md.	" " 6:15 A. to 4:45 PM., Edmunds
1010	WSID	Baltimore, Md.	" " 6:15 A. to 4:45 PM., Edmunds
1220	CKCW	Moncton, N.B.	RS. Mon.-Fri. 0500-0600, Sat. 0500-0200, Sun. 0700-2300
1240	KWAK	Stuttgart, Ark.	R/C 4th. Tue. 0245-0300, per veri. ,Phillips/Johanns
1300	WFBR	Baltimore, Md.	RS Mon.-Fri. 0530-0100, Sat. 0600-0100, Sun. 0730-0100
1360	WEBD	Baltimore, Md.	Dec. Sked. 0600-4:45 PM., Edmunds Edmunds
1400	WHUB	Cookeville, Tenn.	Sked. 0530 to 0030., Dan Phillips
1400	WYSL	Buffalo, N.Y.	24 hrs, Off MM's to 0600, Johanns
1460	WPNX	Phoenix City, Ala.	Heard at 0430 on MM, apparently RS., JWB
1500	CKAY	Duncan, B.C.	24 hrs, except silent Tuesdays 0300-0600, Johanns
1570	XERF	Villa Acuna, Back AN	again with Wolfman Jack, Phillips
1570	WAQE	Towson, Md.	Dec. Sked. 0615 to 4:45 PM. Edmunds
1590	WXRF	Guayama, P.R.	RS Mon.-Thurs. 0600-2200, Fri. & Sat. 0600-2300, Sunday 0700-2300, Edmunds
1590	WISZ	Glen Burnie, Md.	RS, 0530 to Midnight, Edmunds.
1600	CJRN	Niagara Falls, Ont.	Silent period MM's to 6:07 AM. Johanns.

That's all for this week, regret long working hours prevent ye writer from being at the dials at Dawn & Dusk. So can't add much in the way of skeds myself. Weekend DX fair, SS on 1180 again on 12/6, sure he used word 'Bogota' in SI at about 3AM. 12/7, WSET, 1410 AN with storm emergency. KYMN DX no go here. S-3-5 signal, 'Caroline' I guess, covered channel completely. WJCO, 1510 TT with terrific sig. Finally got modulation on 1190 CBC relay, with definite chain ID at 0400. One on 1370 only carrier so far. Good SS sig on 1200, 1210 & 1220 at 0400/ latter Mexican. KNOW, 1460 Test fair most of first 15 minutes, then junked by music tester. Local WPSL test wrecked by terrific TT. WBZB fared much better, No TT, Good signal. 73, JWB

Russell J. Edmunds; Box 435; 415 University Pl. Syracuse, New York, 13210

Well, what has happened?? Here, I can add veries from WPRO-630, WXRF-1590, WAIT-820 and an un-verie from WOSU-820. CE A.J. Buggioni there says reports with less than 15 minutes continuous programming will not be verified. Ted Weiser: I get WTAC-600 beating with CFCF/CFCH every night. Those to whom I owe letters, be patient! DX: 12/4 @ 1755, WDXR-1560 logged u/WQXR. 12/5 @ 1517 (!!!) WING-1410 w/ Def. ID. I won't make 300 in 3 months... That's obvious. 300 by 1965??? YVQQ-770 added to the log by Andy Rugg's confirmation. They only run 250 watts??? Who's my SS on 830? Reports 5 for 6 plus one unverie. Out is WSGW-790. DXers in my vicinity: Watch on 1560 between 2300 and 0030 on 1560 or 1600 for WBJW, a 2 to 5 watter in my building. Operated by a friend. As WQRM is home, I'll be building a new XR up here. Watch the 2130-2300 shift on 1580 weeknights after 1/6/65 for WJRE (me). If you do catch either one, (WBJW has (at home) carried over 30 miles on skip) send reports to me. F/up out to WARK-1490 for 5/1/64 in LS. I still collect anything distributed by any station, so...(hint,hi). Guess the stuff I referred to in last week's Musing for DXDD & IDXD are in this week instead. More DX: 12/6 1816: WJAR-920 ID; 1818: CKNX-920 ID. Good log on WAAM-1600 so report out. When did they go of rr// 12/7AM: Winnipeg looks OK tonight! 0132: CKY-580, 0136: CKRD-630 for report; 0200-CJOB-680; all w/Def.ID's. 0236: CBH-860; 0238: WTAR-790. CBL on not off as in CX list. OC's or TT's on: 750, 760, 770, 780, 820, 890. CBH & WTAR both on ID's. Manitoba strikes again: 0252: CFRY-920 ID...0300: CJCA-930 for 1st from Alberta. Report going. 1510 blocked by an OC. KSTP in u/ WTOP TT. KYMN DX barely audible. Impossible to log. Occasional march music came thru. Didn't even try 1510's due to OC. KROW, no try either, since KYMN so poor. Tton 1530 (WCKY). CBL NOT OFF MM's! This gives me 264 logged as of 3:10 AM 12/7! (now) Guess I'll hit the sack and say 73...

ATTENTION!!!!!! OUR SUPPLY OF SPANISH REPORT FORMS IS NOW EXHAUSTED!!!!

***** PLEASE DO NOT SEND FOR THEM. *****

Editor: John Callarman; P.O. Box 1914, Pampa, Texas 79066

D E D I C A T I O N ... We respectfully dedicate this issue of IDXD to Graham Hutchins, DX Editor of Radio Australia, whose death is reported in the December issue of TUNE-IN, of the New Zealand DX Radio Association. Graham Davis Hutchins, 51, had been on the Radio Australia staff since 1946. He leaves a widow, four sons, and a daughter. His Radio Australia DX Show was one of the first such shows on the air. Little did I realize, when I tuned his show faithfully Sunday mornings in the early 50's that one day, I would broadcast DX tips worldwide, through shortwave radio. To the memory of Pioneer DX broadcaster Graham Hutchins, we dedicate this column. The hobby has suffered an unfortunate loss.

.....
B. B. C. A D D R E S S E S ... From DX News 12/21/57. BBC London Home, Light, Third, and European services: Broadcasting House, Portland Place, London W1. BBC North Home, Broadcasting House, Picadilly, Manchester, ENGLAND. BBC West Home, Broadcasting House, Whiteladies Road, Clifton, Bristol 8, ENGLAND. BBC Midland Home, Broadcasting House, Carpenter Road, Edgelywood, Birmingham 15, ENGLAND. BBC Northern Ireland Home, Broadcasting House, Ormven Ave., Belfast, NORTHERN IRELAND. BBC Scottish Home, Broadcasting House, Queen Margaret Drive, Glasgow W2, SCOTLAND. BBC Welsh Home, Broadcasting House, Park Place, Cardiff, WALES.

D E A D L I N E D E T A I L S ... Every Tuesday night, from now through the second week in February, I will broadcast basketball games. This means deadline will have to be Monday nights (and I will have to type these pages while recuperating from Monday A.M. DX session. Most reports have been in by Monday. For this issue, for example, only Sheldon Miller's report was in on Tuesday. Next week, I have contests to broadcast both Monday and Tuesday, but will squeeze time as we did last week.

W H A T ' S H E A R D ...

- 540 COLOMBIA. HJKA, R. Horizonte, Bogota. Is this the Latin noted very strong 0326 12/7, but nosediving under domestics 0329 for ID? Bogota seems to be NSP paradise now! (Callarman, Tex.)
- 548 ASIATIC RUSSIA. R. Moscow F.E.S., Khabarovsk, was exceptionally clear and steady at 0650 11/26. S6-7 at 0635 11/29. (Wilkinson, Calif.)
- 590 CUBA. This "Voz de Cuba" station is not CMW Habana. It is a new one in Oriente province. CMW s/off is 2400. (Miller, Fla.)
- 630 AUSTRALIA. 4QN, Townsville, was S8 to S9 plus on AM of 11/30; heard his ID at 0500. (Wilkinson, Calif.) Tentative report out after someone here faded in at 0453 with talks on Aussie economy, then four chimes and talk about JFK 0455. (Merrill, Mich.)
- 635 KOREA, NORTH. R. Pyongyang outlet loud and clear; not in parallel with 655 at 0605 11/30. (Wilkinson, Calif.)
- 650 COLOMBIA. HJKH, La Voz Amiga, Union Radio en Bogota, easy log 11/30 on AM show. Report to Union Radio address per WRH. Here's hoping. (Morss, Mass.) Now apparently N.S.P. Loud and clear past 2 MM's. Ex "Renacimiento." (Miller, Fla.)
- 655 KOREA, NORTH. R. Pyongyang was 10/S9 most of the AM of 11/26. (Wilkinson, Calif.)
- 656 UNID. Someone here turns carrier on about 2130 and apparent s/on at 2200, and Murmansk certainly is a possibility. No luck so far on reading anything, as Y3S too strong; There are other possibilities, too, and Gordon Nelson's looping techniques would come in handy! (Dangerfield, Pa.)
- 660 AUSTRALIA. 2BH, Broken Hill, N.S.W., appears likely as the slightly accented English speaker with record program logged 11/28; clobbered by domestics at 0700 but no time signal nor ID on the hour, and 2BH is reportedly on So. Aust. time, i.e. GMT +9½ hours. Not 2YC, who had s/off at 0600, and didn't sound like KFAR, WESC, or WNBC, so -- why the fuss on this? Power listed 200 watts. (Millar, Wash)
- 665 UNID. Two or three stations here after 2300 12/4, and also before 2300 to some extent. Perhaps a W. German, Vilnius, and Syria. All Weak. (Dangerfield, Pa.)
- 670 JAPAN. JOBK, Osaka, was S9 at 0655 11/26. (Wilkinson, Calif.)

- 683 SPAIN. R.N.E., Sevilla, copied 11/29, 2350-0014 after drooling at Ernie Cooper's pennant from them, hi! Probably the most consistent TA on the band here. Measured him on 683, not 684. (Schiller, N.J.) EBU also measures him here, so adjust lists accordingly. (Ed.) UNID. carrier noted 12/6 0005 but 680 and 685 too strong; Faint music perceptible 12/7 0110, but strong carrier on 680 turned on at 0112:30 obliterated it. (Callarman, Texas.)
- * 730 CANADA/ALASKA/UNID./TRINIDAD/UNID. On Monday 11/30, CKLG dominant here from 0100 to 0300 s/off, leaving two stations. One was fair in English, the second weak in Spanish. Got good fix on English station saying that is definitely KFQD, but terrible QRN made positive ID impossible, off or out at 0400 - This is best bet for Alaska! Trinidad comes on 0455 w/religious program and powerful signals. Unid. station trying to break through briefly around 0532 and coming from very far north (i.e. Asia) is probably Ben's UNID. but indistinct audio. No chance for 0600 chimes as CKAC Montreal s/on 0555 killed channel. (Nelson, Mass.)
- 740 VENEZUELA. YVNC, R. Mundo, Maracaibo, in well at sunset with news, using this slogan. (Miller, Fla.)
- 750 JAPAN. JOIE, Sapporo, was S7-8 at 0700 11/26, was S9+ at 0710 12/1. Unbelievably loud. (Wilkinson, Calif.)
- 764 SENEGAL. Dakar, was S7 from 0118 to 0130 12/1 (10:18-10:30 p.m., PST) (Wilkinson, Calif.) Finally took log 12/7 0206-0232; news in French to 0210, drum IS, stringed theme tune, and man talks for 13 minutes apparently alternately in French and native tongue. Country #39 reported. (Callarman, Texas)
- 770 CUBA. CMDC, Holguin. S/off is 2400; last program of the day is "Musica en la Noche," good U.S. music. No anthem at s/off. (Miller, Fla.)
- 773 U.A.R. Cairo, taped 1748-1802 while WABC off with breakdown. Also, there was a FF and ID at 1800 by woman, but weak, couldn't make out language; tone under Cairo. (Morss, Mass.) Cairo finally made it through WABC mess, but not enough for report. Very strong 2310 11/29. (Conrad, Ky.)
- 785 KOREA, NORTH. R. Pyongyang, not as strong as the 655 station any more. Perhaps a change in power or direction has taken place. (Wilkinson, Calif.)
- *719 UNID. A signal here around 2300 12/4, but I couldn't separate it, and without a loop couldn't guess if Sweden, Cyprus or Germany. (Dangerfield, Pa.) I transposed this to 792 in typing in strip, so it's out of order, sorry. (Ed.)
- 795 BARBADOS. R. Barbados, Black Rock, S6-7 and clear 0512 11/30. (Wilkinson, Cal.)
- 809 SCOTLAND. B.B.C. Scottish Home Service, Burghead/Westerglen. A snap on Friday AM when WGY off. Oddly enough, when I first tuned in, WGY was testing and BBC giving them a good battle (11/27) 0238-0300. Got local news and weather for good copy. (Schiller, N.J.) Heard well even thru WGY several evenings around 1800-1845. (Dangerfield, Pa.)
- 818 ANDORRA. R. des Valles, Andorra. Man and woman (or 2 men and woman) in French with European pop tunes noted 0136-0202 12/6 was surely Andorra. Some QRN from LA-820, but peaked to good readability for taped report to Country #37. (Callarman, Texas)
- 820 VENEZUELA. UNID. noted, appeared to be AM 12/2 and 12/1 with long strings of records and few ID's. No location yet. YVBN almost positively the call, but YVFN is slight possibility. As to slogan, my current guess is Radio Guayana. (Freeman, Calif.)
- 830 CUBA. CMCA, Habana, has been weak by day but still with English programs. Perhaps they've been alternating transmitters with the old GCRZ-830. (Miller, Fla.)
- JAPAN. JOBB, Osaka, heard for several hours on AM of 11/26. (Wilkinson, Calif.)
- 834 BR. HONDURAS. R. Belize logged, finally, for a report 1854-1933 12/4; Spanish to 1900, then same girl gives household hints in English, interspersed with records. Country #35 reported. (Callarman, Texas)
- 835 UNID. L.A. here after Belize s/off. Quite weak 2333 12/5. (Callarman, Texas)
- 840 GUATEMALA. TG-, R. Emperador, Guatemala, noted here 12/6 0014 $\frac{1}{2}$ -past 0100. Strong clear, with a few "Emperador" jingles, taped commercials, music, but never opened mike during monitoring period. (Callarman, Texas)
- 863 ARMENIA. Yerevan coming through all alone 12/4 at 2135 and later, but after 2220 12/4, two stations definitely noted. (Dangerfield, Pa.)

- 872 EUR. RUSSIA. Moscow, possibly, at 2130 12/4 with language not Spanish (so EAJ-101 was not coming through or off the air). Couldn't do much with this signal, and later EAJ101 came in. (Dangerfield, Pa.)
- 881 WALES. D.B.C. Welsh Home Service is definitely my UNID. here. Long copy and report out 11/30 til after 0330; Interesting program on Churchill's 90th birthday. Sent report directly to Washford, trying for specific verie. (Conrad, Ky.) Cardiff verified specifically my 1957 report from Germany. (Ed.) English speaker noted spottily 1135 12/7, but WGBS test too much. Caught taped segments here and at 0202-0204, but not enough for a report. (Callarman, Tex.)
- 888 UNID. with musical program heard here 11/29 - nothing noticed on 885. Time: 1645-1700. Language unreadable. Has Radio Monserrat shifted? (Piechuta, Conn.)
- 890 COLOMBIA. HJCE, La Voz de Bogota, ID at 0510 11/16, but too lazy to sit on freq and get enuf for report. (Merrill, Mich.)
- 925 COSTA RICA. R. Cadena Musical, San Jose, noted from 0513 to 0534 11/30 for new one here. (Wilkinson, Calif.) WRH says TIR is call. (Ed.)
- 926 BELGIUM. R.T. Belge, Brussels, a real wrestling match with local WPAT-930, and I still haven't enough to report; only loggable when latter is "talking" 11/27 & 11/29 0130 & 0230 fair. (Schiller, N.J.)
- 995 ECUADOR. HCEW2, R. Suceso, Guayaquil. Weak, but definite evening of 12/4 with L.A. music and frequent ID's. "RAH-dio Soo-SAY-so" with echo effect. Country #36. (Callarman, Texas)
- 1000 NEW ZEALAND. LZD almost certainly the DU here 0334-0430 but very heavy QRM and KOMO TT made identification impossible Monday 11/30. (Nelson, Mass.)
- 1030 CEYLON. R. Ceylon has been sent a "Tentative" report on reception of station 10/29 at 0930, based primarily on language sounding somewhat like Sinhalese, apparently the main language of Ceylon, and fact that this is most powerful SE Asian listed on 1030. (Millar, Wash.) I've listened to Roy's tape and feel such a tentative inquiry is much justified in this case. Lingo is as unintelligible as Stengelese, hi! There's plenty on tape so station can say yes or no. (Ed.)
- 1035 HAITI. LVIEF, Cap-Haitien, logged at good level during daytime 1345 and all day long in French. Goes off during morning for a few hours. S/off is in English. Now have 8 daytime countries. (Miller, Fla.)
- 1040 BRAZIL. PRG2, Radio Tupi, Sao Paulo. S6-7 and near perfect readability at times 12/6 0106-0132, for best signal ever heard from Brazil. "Primer Boletin de Madrugada" at 0109 ... and later, "Whispering" by Nino Tempo and April Stephens WAS PRG2, not KHVH. Another station was perceptible. Taped report to make up for previous PRE4-1300 verie for PRG2-1040 report. (Callarman, Texas)
- 1045 PANAMA. HOJ2, Ondas del Canajagua, Las Tablas, back on this frequency ex-1047 and now much easier copy. Still AN regularly. (Freeman, Calif.)
- 1063 UNID. L.A. heard most eves ID'ing as "Radio 1210." TGED relay? (Schatz, Fla.)
- 1075 COSTA RICA. TIFC, San Jose, me too, the English religious program, easy 11/26 2220-2245 with ID in English, too. (Schiller, N.J.)
- 1090 JAPAN. JOHB, Sendai, was S4-5 at 0425 11/30. (Wilkinson, Calif.)
- 1095 UNID. Have been working furiously over a L.A. at this spot, which I think is YNQ, as I have definitely picked out the words Managua, Nicaragua, Centro America. On 12/1 and 12/2, 1900 past 2000. Slogan does not, however, sound like La Voz de la Victoria, more like Radio Lente. (Dangerfield, Pa.)
- 1097 CZECHOSLOVAKIA. Bratislava, good 12/1 throughout early PM - not needed but nice listening. (Morss, Mass.)
- 1100 COLOMBIA. HJCN, R. Reloj, Bogota, heard a full ID at 0413½ 11/30; best ever heard. Verified several years ago. (Wilkinson, Calif.)
VENEZUELA. YVKE, R. Cultura, Caracas, in at good level for sunset reception; been after them for years. Plays good music. (Miller, Fla.)
- 1106 GERMAN F.R. AFN, Munich, s/on 0000 after OC testing, quite often, sometimes tone in English news at 0000. (Conrad, Ky.) Note city! (Ed)
- 1150 JAPAN. JOKP, Kitami, was S4-5 at 0420 11/30. (Wilkinson, Calif.)
MEXICO. XEJP, R. Variedades, Mexico, D.F. Several Monday mornings, the last one being 11/30, ID followed by a train whistle. Fair signal. (Nelson, N.Y.)

- 1160 FRANCE. R.T.F., Strasborg, a surprise logging with symphonic music parallel 836 1205 1705-1728 11/29, through WJJD. (Rugg, Que.)
- 1170 HAWAII. KOHO, Honolulu (?) Girl anncr in Japanese with Japanese music, including Jap. Inst. version of "Blue Moon", weak and virtually unreadable 0336-0345 12/7 and I wait for a quieter morning. (Callarman, Texas)
- 1180 DOM. REP. HIBE, Santo Domingo. Logged 1500 on; brand new station with slogan sounding like Radio Mao or Radio Mundial. Also heard at s/on 0455, gives calls for AM, FM, SW, and mobile unit! Good signals till jammer for VOA comes on. (Miller, Fla.)
- 1196 GERMAN F.R. V.O.A., Munich. Very good 1530-1600. ID in English 1600, then into program for Yugoslavia. Not Polish at this time. (Piechuta, Conn.)
- 1200 PUERTO RICO. ACE, Fort Brooke, is one of military posts soon to be phased out in line with the recently announced Pentagon moves. Better send for those ver-ies fast. (Miller, Fla.)
- 1205 FRANCE. R.T.F., Bordeaux, perfectly readable from 1500-1530 11/29. (Piechuta, Conn.) Weak but partly readable for taped log 0118-0132. Music to 0125, talk by man, fanfare and ID 0130. (Callarman, Texas)
- 1210 COLOMBIA. HJFF, La Voz Amiga, Pereira. "La Voz Amiga" (slogan only) ID at 0302 $\frac{1}{2}$ 12/7. Fights KZOO from 0239 tune-in. HJFF had been off channel, I think, but may be AN here in conjunction with 650. (Callarman, Texas)
HAWAII. KZOO, Honolulu, up and down with "La Voz Amiga" 0239-0300 s/off. KZOO in Japanese with man announcer, and music. Last modulation noted from KZOO was the kind of harp arpeggio one hears as background to color movies of the Cherry Blossoms in the nation's capitol. (Callarman, Texas)
- 1214 ENGLAND. B.B.C., Brookmans Park. Have to think that the BBCer being heard here is most likely from that xmtr., as programming to 2000 or 2100 nightly is Pop and R&R, obviously to compete with the "pirates"; music never heard on any other B.B.C. outlet. Seems more plausible to believe that this would be aimed at London than Scotland, tho conceivable that both rigs would carry same show. (Schiller, N.J.) Believe they're all synchronised on this channel, Ron. (Ed.) Believe I heard BBC at 0314 11/23 but not actually logged. No ID heard, very strong, but WCAU came on immediately after I had tuned 1214. (Merrill, Mich.)
- 1220 CUBA. R. Veintiseis, Perico, cuts up local WNET until about 0800 most mornings, even within a few miles of WNET's transmitter. (Miller, Fla.)
- 1223 UNID. Heard with Unid-able music at 2200 some nights. A Little early for Spain? Suspect Ecuador? Anyone know? (Miller, Fla.) Look Below. (Ed)
- 1224 ECUADOR. HCEJ2, Radio El Mundo, Guayaquil, now heard fair to well evenings, even without Q-multiplier. S/off 0005. (Schatz, Fla.)
- 1230 CUBA. CMAD, R. Artemisa, Artemisa, here from 1240. Dominates frequency early evenings. (Schatz, Fla.)
- 1240 CUBA. CMGW, Radio 26, Matanzas, note new call, ex-CMGY. (Schatz, Fla.)
DOM. REP. Dominican station with slogan "La Voz de la Libertad" here with s/off 2300. Not HICV, as they are on 1242. (Miller, Fla.)
- 1250 COLOMBIA. HJAO, Barranquilla. This is the Spanish-speaker here Monday mornings, No Silent Period, in fact. (Miller, Fla.)
- 1295 ENGLAND. B.B.C. European Service, Crowborough, noted parallel 647; (at least I think it's parallel). Very strong 10 db at 0030 11/21 and 0130. (Conrad, Ky.)
- 1313 NORWAY. Stavanger, thanks to Sampson tip, noted 0152-0224 11/27 tough (should say impossible) to ID music, and Norwegian gab, but reported anyhow. (Schiller)
- 1340 NORTHERN IRELAND. Lisnagarvey. 11/29 every medium wave biggie was audible. This baby was ON TOP of the graveyard 1835-1847 s/off. Checked parallel with 1088, 1484, and probably other frequencies. Music topped the freq. but voice was rugged to copy, but a big thrill to hear through 1340 QRM. Move over Leo Fox! (Schiller, N.J.)
- 1358 UNID. (Z) Spotted strong carriers at 2330 12/3, and waited for possible s/ons. Someone already on then, probably E. Germany & Tirana. At 2400, heard simultaneously a drum I.S., an anthem, and anncts in two languages. Later, what sounded like African music, and other items. Believe I had both Nigeria and Bremen, as both s/on 2400. (Dangerfield, Pa.)

- 1370 JAPAN. JOKD/JORB heard S6-7 at 0352 on 11/30; couldn't get an ID at 0400. Ch, Well. (Wilkinson, Calif.)
- 1375 ST. PIERRE & MIQUELON. R. St. Pierre must be the French-speaking station at 0540 11/30; heard and verified several years ago. (Wilkinson, Calif.)
- 1385 LITHUANIA. Kaunus. Logged well 12/2 past 2300 with usual stuff. WSI carrier off unusually early to permit reception. TA #100! (Schatz, Fla.)
- UNID. Station in English (but maybe wrong on language) weak, but there. WHO? Bears looking into. (Conrad, Ky.) What time, Jerry? (Ed.) Noted open carrier on this frequency starting 0335 11/30; checked periodically; no voice heard during period up to 0600. Anyone else? (Wilkinson, Calif.)
- 1394 SPAIN. Believe I have the solution to the mystery here. First heard station here looping Europe last October around 1930, but too weak for precise measurements at that time. 12/1 was a very good night for Iberia; Covilha-1562 very high; 1394 heard from 1800-1920 fade-out. Got a large number of fixes all saying Northern Spain, almost to Andorra. Played lots of Spanish-Portuguese type music but audio quality not good enough to ID. Then I went through past EBU bulletins and found that 2 kw EAJ6, Pamplona, moved here in Jan. Pamplona is in far northern Spain, almost to Andorra! If lingo heard here is not Spanish, may be Basque, since this is Basque country. Basque language sounds unlike any other on earth. Scope shows no other stations on this frequency at this time. (Nelson, Mass.)
- 1425 UNID. Very weak signal being heard evenings, peaking around 2300 but still not readable. I hope it's Thule, as I think the signal will improve. (Dangerfield)
- 1466 MONACO. 3AM2, R. Monte Carlo, quite strong 12/7 0145¹/₂-0202 in French with pop music and apparently commercials frequently. Taped segments to back up written report to Country #38. (Callarman, Texas)
- 1475 NICARAGUA. YNAG, R. Cosiguina, Chinandega, logged 2240-2259:30 s/off with typical music 12/5. Report #5 to YN, still looking for verie. (Callarman, Texas)
- 1505 UNID. Weak Spanish-speaker 2301 12/5, unable to bring to readability; bears watching as TRU reported dead. (Callarman, Texas)
- 1529 VATICAN. Vatican Radio, finally, after many, many tries, found him 11/29, a good 30 db over S9, with program on Michelangelo to 1656 (abrupt) s/off. (Schiller)
- 1530 PUERTO RICO. WUPR, Utuado. S/cn is 0500 w/SSE. This is the Spanish on this frequency now that the Dominican is on 1528. (Miller, Fla.) Who is on 1530 exactly at 0400-0500, Sheldon? (d.)
- 1546 NORTHERN IRELAND. B.B.C. Third program. (Who knows QTH?) In well, 11/29, when it disappeared as if they changed patterns, definite ID as BBC Third Programme at 1815, all English. Wrote to London, hoping they can ID. Divis' 5 kw. sounds like a good possibility. Not parallel with 647. (Schiller, N.J.) Ron, believe 1546, too, is synchronised, but Divis acceptable to me. (Ed.)
- 1575 COSTA RICA. R. Columbia, Canal 6, Palmar Sur (correction on previously reported Palmares) in and out to 2301 s/off 11/30. (Freeman, Calif.)
- 1585 DOM. REP. Unid. "Un Radio, la Emisora de la Sintonia" heard 12/2 with fading signal, gone 12/3. Sked 0600-0005. Who? Not sure of slogan. (Schatz, Fla.)

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V E R I F I C A T I O N S . . .

- 647 ENGLAND. B.B.C. European service, Crowborough, verified reception of 10/30 on "This is London" QSL card with frequency inserted. No mention of transmitter location (Crowborough or Daventry) in cover letter or QSL card, but am counting as former as definitely European Service that I logged. (Millar, Wash.)
- 685 GUATEMALA. TGRT, R. Fabulosa, Guatemala. Verie card and 1964 diary received via air mail for report of 10/25. Card shows 680 kc/s as their frequency. (Wilkinson, Calif.) QSL card and Spanish diary. No letter, so no signer. Some of the inked-in info on reverse side of card -- "Antenna: Omni-directional tower 365 feet high at 7,000 feet altitude." (Piechuta, Conn.)
- 730 TRINIDAD. Port of Spain. Verie letter on nice paper & letterhead, signed by E. R. McDowell, Engineer in Charge, uses two 10 kw. transmitters in parallel from a 180-ft. "T" antenna, about 10 miles from Port-of-Spain. (Miller, Fla.)

- 770 VENEZUELA. YVQO, Puerto La Cruz, follow-up of 12/2/63 Election Return program brought dandy friendly Spanish air reply in 8 days from Rudolph Fuentes, Dir. (Schiller, N.J.)
- 908 ENGLAND. Brookman's Park. Fine, explicit v/l from J.H. Burr (for head of Engineering Info. Dept.) verifying both 908 and 692 reports. Gave following data: 908, 140 kw. into 500' mast in the Potter's Bar District 15 miles north of the center of London. Serves 13 million people. 692, 150 kw. aerial a 4 wire "T" supported by two 500' masts, located 5 miles east of Huddersfield. Serves 14 million people. (Schiller, N.J.)
- 935 UKRAINE. Lvov. Card from Radio Moscow definitely confirms reception of 10/25 on this frequency, though doesn't give location. This is standard Moscow policy. Verified Country #82. (Dangerfield, Pa.)
- 1000 NEW ZEALAND. 1ZD, Tauranga, NZDC card specifying 1ZD, 1000 kc., 10,000 watts for 11/9 report. Country #23. Really proud of this one; by far my longest distance wise. (Conrad, Ky.)
- 1160 FRANCE. R.T.F., Strasbourg, sent plain v/c for afternoon report. #4 from France. (Schiller, N.J.)
- 1196 GERMAN F.R. V.O.A., Munich, usual VOA card from USIS and pamphlet. Country #22. (Conrad, Ky.) USIA returned my stamp and enclosed QSL and Booklet. Address now is apparently USIA, Washington, D.C. 20547. Country #14. (Freeman, Calif.)
- 1358 ALBANIA. QSL card from Tirana definitely confirms my reception of station here, listing it as 221 m. and crossing out 275 m. on card. Did not answer my question as to power, but they must be using a lot more than 1000 watts listed, more like 100,000 as some of our European members once thought. (Dangerfield, Pa)
- 1475 DAHOMEY. Cotonou. John Tweedie in nearby Oakhurst got a dandy, multi-colored QSL from this one. (Schiller, N.J.)
- 1538 GERMAN F.R. Deutschlandfunk, Mainflingen, verified with form letter in German. Address is 5000 Koln-Marienburg, Lindenalle 7. V/s is Ehrhardt Imelman. Noted parallel to 151 kc. longwave evenings. (Holbrook, Md.)
- 1590 PUERTO RICO. WXRF, Guayama, verified 11/21 tentative report on 11/27 with post-card and rate card in envelope. V/s John Ortiz, C.E., WXRF, Box 615, Guayama, P.R. (Edmunds, N.Y.)

 L O G C H A N G E S ...

- 530 AUSTRALIA. 2KM, Kempsey (980) and 3UL Warrangul (880) will shift to this channel early in 1965. (Tune-In of NZDXRA)
- 640 DOM. REP. HIBX, Moca, new 1000/250, effective 12/6 (FCC, via Taylor, Calif.)
- 880 DOM. REP. HIBY, Valverde, new 1000/250 effective 9/6 (Fcc)
- 980 DOM. REP. HISA, Santiago, increase power to 3000 from 750, effective 8/31(FCC)
- 1000 DOM. REP. HIRV, San Pedro de Macoris, 1000/250 effective 11/8 (FCC)
- 1210 DOM. REP. HICP, Moca new 11/10 with 1000/250. (FCC)
- 1320 AUSTRALIA. 4NA, Nambour, Qsld., 2 kw., opened 10/9, verie shows schedule 1400-0700; Is 111th commercial station in Australia. (Cushen, N.Z.)
- 1380 DOM. REP. HICM, Santo Domingo, 5000/1000, ex-HISD, 1000/1000 La Vega, effective 8/28. (FCC)
- 1420 NEW CALEDONIA. Noumea moved here from 1400. Closes 0530. (Singleton, N.Z.)
- 1510 DOM. REP. HIBL, Santiago, 1000/250 now in operation. (FCC)

 REPORTERS FOR PAST TWO ISSUES: William Bartels, 5511 Bentwood Lane, Greendale, Wis. 53129; Jerry K. Conrad, 712 So. Limestone St., Covington, Ky. 40508; Ernest R. Scooper, 438 E. 21st St., Brooklyn, N.Y. 11226; Arthur T. Cushen, 212 Earn St., Invercargill, New Zealand; Ben Dangerfield, 202 Governor's Drive, Chester, Pa. 19013; Russ Edmunds, 415 University Place, Syracuse, N.Y. 13120; Clarence H. Freeman, P.O. Box 12, Hughson, Calif. 95326; Matthew Geller, 61 Silver Spring Road, Short Hills, N.J.; Hilding Gustafson, 3416 Brenden wood Road, Rockford, Ill.; Hank Holbrook, 7211 Chestnut Street, Chevy Chase, Md. 20015 (whose DX done from a New Zealand-style crib on the coast, hi!); Roy H. Millar, P.O. Box 91, Marysville, Wash. 98270, Sheldon Miller, 840 - 80th St., Miami Beach, Fla. 33141; Stanwood R. Morss, R.F.D. 3, Bradford, Mass., and 12 others whose names and address might be included next week. Thanks. John.

SUNSPOT ACTIVITY

At the present time, the sunspot index has been hanging right around 17 for some time now. Whether it will increase or decrease is still anyone's guess. Solar cycle #19 (our present cycle) has been quite different from other cycles. It reached a higher index (201) than ever before (156). Normal average in the past for maximum solar index has been about 100.

Because the subject of sunspots and ionospheric disturbances is of interest to the BCB dx'er, I thought a bit of explanation would be helpful to understanding these phenomena.

The terms SUNSPOTS and SUNSPOT CYCLES were founded in the 18th Century by astronomers who had observed various phenomena that occurred on the sun and recorded these activities. This early work was responsible for development of the fact that solar cycle trends between periods of minimum activity averaged about eleven years. To date, the best known index to relate solar radiation to its effects on the ionosphere is the sunspot number.

The ionosphere, upon which skywave propagation depends, can be likened to the sea; it is constantly in motion; and it is continually changing. Like everything else in nature, there are both normal and abnormal conditions which occur in the ionosphere. Normal conditions have been observed for many years. These conditions can be predicted with reasonable accuracy. Abnormal conditions which have no historical background are anybody's guess.

Sunspots are NORMAL. They may be used as an indication of the level of normal radiation from the sun to provide the necessary energy to maintain an ionosphere around the earth. Sunspots are observed daily. They are averaged over a 12 month period to provide a sunspot number (index) which may be used as a guide for an average ionospheric condition to be expected. A sunspot number given for any particular month contains sunspot information observed for the previous six months and the sunspot activity predicted for the subsequent six months.

Solar flares are ABNORMAL. They are instantaneous disturbances which occur on the face of the sun. They are unpredictable and usually have a significant effect on the dynamic characteristics of the ionosphere. Two other abnormalities which occur are; Sudden Ionospheric Disturbances (SID) and magnetic storms.

A. The SID is caused by the eruption (Solar Flare) of burning gaseous material on the face of the sun. Ultra-violet rays are propagated great distances out from the sun, reaching the earth in a few minutes. This radiation produces heavy ionization in the lower layers of the ionosphere which results in high absorption of radio energy. Result: A "Fadeout" or sudden decrease in signal level which can last from a few minutes to several days. This "Fadeout" condition takes place during daylight hours but never at night.

B. The Magnetic Storm is caused when the particles thrown off by the sun are deflected by the earth's magnetic field toward the Polar regions and tend to concentrate in the auroral zones. Result: A disturbance to communications which can last for several days. The magnetic storm will affect radio circuits in both day and night region.

Now, with this background information, a few statements can be made which might be more meaningful.

We are still in a period of declining sunspot activity. Actually, the period is more static than declining. A preliminary report of the Zurich daily relative sunspot numbers for August 1964 indicates there were eleven days during that month in which no sunspots were observed.

The predicted "smoothed" sunspot number for November was 17 and the same number is predicted for December 1964. The predicted sunspot numbers for November and December last year were 18 and 17, although the Zurich provisional count for those months was 23 and 21, respectively.

During December 1964, expect a mild increase in recurrent geomagnetic activity. The increase is expected during each of the following intervals: 5-8 December, 11-14 December, 17-20 December, and 23-27 December. And, as of yet, the exact time of the sunspot minimum (start of solar cycle #20) is still uncertain.

I hope this information will prove of some use and if possible, I will again give my "Fearless Forecast" of propagation activity if so desired.

Respectfully submitted by JAMES A. LEE, 352 PINEBROOK ROAD, EATONTOWN, NEW JERSEY

DX NEWS
VERIESIGNERS

540	K N O E	Ray Boyd, DoE	0	960	K F V S	Dennis Slinkard, CM
	CqB T	J.J. Maloney	0		W S B T	Scott N. Hagenau, CE
560	CqJ K L	R. Smith. PD	I	970	WfV O P	H.L. Dorough
570	C J E M	Georges A. LeBel, M I	980	W C A P	David E. Cate, CE N	
	W K Y X	Jas. E. Harrelson, M A			W F H G	John Hughlett, CE N
580	WqE L O	LeRoy Green, CE L	990	W U S C	Harold Showman, CE E	
600	WfM T	Geo. P. Hixenbaugh, CE O		WfPhR A	A.S. Glanson, CE P	
	W F S T	Gerald D. Johnson, CE B		K W A M	E.W. Bie, AM I	
	W S J S	C. Leon Lasley, M H	1010	C B R	L.C. Bailey, TD AIO	
610	W H P L	Larry E. Racey	H 1020	KqG B S	E.G. Underwood, ESUP	
630	C F C Y	Mrs. D. Jehkins	0 1050	CqH U M	Geo. Jones, E O	
640	CnM Q	Jose A. CAINAS SIERRA	H	K M I S	Bob Demay, E I	
650	KfO R L	Frank Fitch, CE J	1070	WqF L I	Jos. F. Poteet, E O	
680	W C A W	Charlene McYoung, S O	1090	qCBLC/CBEC-	Mrs. C. Masters	
	WqP T P	Henry Hulick, Jr. J		W C R A	Randall Moody, CE L	
	WqC B M	A.E. Eckels	J	KqI N G	A.A. Schultz, CE H	
690	W X U R	David P. Gullette, CE N	1100	KqF A X	Roger L. Roberts, CE	
695	fW.I.B.S.	P.R. Polydore, TA F		W H L I	Frank E. Knaack, CE (
730	CfK L G	Peter Mackintosh, CE DO	1110	K R L A	Jack Reeder, CE H	
	R. Trinidad-E.R. McDowell, EiC	I 1120		WcW O L	Walter Williams, CE	
	W M N A	Lyle C. Motley, CE J	1140	WfSmI V	Wm. C. Flannery, PD I	
	C J N R	Reino Kay	0 1150	KqR K D	Jim Mayfield	
750	WqH E B	Tony Vaccarro, CE H		W Y N S	M.L. Seittleman, CE L	
740	W V C H	Jas. M. Tisdale	0	C K O C	John M. Hill, AM H	
	WqB A M	Cyril G. Brennan, E O	1160	KqS L	M.J. Jones, CE H	
790	W A E B	Wm. P. Gottshall, CE N	1165	R. Americas-	R.S. Houston H	
	KqG H L	Fred Bartlett, CE B	1190	KqE X	Don Zundel, CStE H	
	W E A N	Geo. W. Sharpe, CE J		K R D S	I.O. Drummond, OfM O	
800	C H R C	Aurele Pelletier, M L	1220	C K D A	B. Tennant for	
	CqJ A D	Ernie Mott, CE I			Jim Boudreau, CE I	
820	WqA I T	Harry Berg, CE OHQ		W F A X	Lamar A. Newcomb, I	
	W O S U	A.J. Boggioni, CE Q		C J S S	Reg McCausland, TD (
836	R T F	J. Parisot	L	W D C J	W.F. Askew, CE	
840	W R Y M	Frank Pingree, EiC	K	K O U R	Glenn Johnson, CE L	
850	WqE E U	Robt. Schlottman, CE H	1230	W E E X	Robt. A. Francett, CE	
860	W T E L	Jack Layton, CE O	1240	WqJ I M	Carl W. Onken, CE D	
	W I V K	Milton Jones, CE N	1250	W A R E	Jos. S. Baublis, CE N	
870	WqH C U	M.R. Hanna, GM JO	1260	WhV V W	Jack K. Pase, CE A	
900	C J B R	Andre Leecompte, VP&GM OM		W W D C	Ross Beville, VPE O	
	WcA P C	C. Ellsworth Neff, CE O	1270	WqL B R	Bill Zehring, CE H	
	K T I S	Don Malley, E D	1280	W C P M	Jack Mills, GM I	
910	K O Y N	Richard J. Rasky, E I		W S U X	Mrs. E. Evans Ce--O O	
	WqP F B	Maurice L. Myers, TD L		W Q I K	I.J. Raulerson, CE D	
920	WqB B B	Berry Tysar, CE K		WrL M J	John Wilson, StaM P	
930	CqJ C A	G. Skutle, ChiefTech. I O	1	W F B G	John M. Grimme, CE H	
885	R. Monserrat-	Christine A. Carty F	2	CqF A M	John J. Pauls, CE O	
930	W S A Z	John P. Clay, CE P	9	W T U X	R.R. Mathewson, PD O	
	WrB C K	Harley Hammond, CE A	0	W V O W	Frank Allender, CE I	
940	WfY L D	Thos. D. Brooks, Jr. RE O		W S H F	Chas. Tucker, CE G	
	WqI N Z	W.B. Fletcher, CE O	1300	WqO O D	Chas. Robison, CE O	
	W N R G	Dave Gordon, M&E P		W B S A	Dale Johnson, PD E	
	WqC P C	Judye Castle	K	K G L O	Roger E. Sawyer, CE G	
	KfF R E	Kieth L. Mealy	H 1310	W T T L	Hank Lindsey	
	KqI X Z	John Tudenham, E I	1320	K X L W	Jas. F. Mitchell, CE G	
950	W L O F	Tom Siegfried, Op. N		KqX Y Z	Norman N. Sartain, CE	
	KqI M N	N.S. Gilbert, CE D		W C O G	L. Siegel	
	WfA G M	John M. Richards, CE O	1330	W M L T	Ed Hilliard, GM G	
	W B B F	Vincent A. Lopolola, CE O		W E S R	Philip Mordenti, CE I	

Remainder of this list and credits next issue. Callarman's stencils arrived late.
 Bulletin goes in mail Friday afternoon. 11/28 issue went astray to N.J., Mass., etc.
 Will check with P.O. No more copies left. DX here good, veries NO! RHC