

Volume 32 - Number 8
Year 32 with LOTS for YOU!

RTCHARS H. COOPRR, Exec. Sery and Publisher

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## Rich Heald Richly Healed

"NAC has been a great help to me over the past year, and I $\mathrm{I}_{\mathrm{m}}$ sure I couldnt have logged half the stations I now have without the valuable tips from the NRC and all the other members. I'll be with the NRC for a long time to come." -Rich Heald. San Ledndro. Cal.

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R_E_N_E_A I_S
DAVE BROWN KENNETF F. IIURPHY DOUGLAS MUREAY
NOBTAN L. MAGULRE
KEN MAYLATH CLAEENCE F. BUENEAM (rz-j) (and 2 who wish to remain anonymous)
 their big chance to hear WAGL. The frequency should be clear as this program goes on, 3:00-3:30, and our thanks to Mr. Phillips for informing us about this equipment checking occasion. We hope they get out well! Info from LW KRUSE

W ERT - 1220 - Wan Wert, Ohio
T. Epps, Chief Engineer

Here is arother station which has seldori been heard by the DXing fraternity, as they have also seldom tested in the wee early morning houre. So this equipment test will come as good nows indeed to the members of NRC, for it will give them a rare chance to hear this 250 watter. We do not know what they will have on the ajr, whether it will be music or cycle tone, or what, but the chamel should be clear so we should all find out easily enough. Be_sure to ewing those dials la20ward at 4:15 on Monday next and try hard to log WEET, ani our thanks to Mr. Epps. Info, ADDY RUGG.

NNSC teals us reports for(WPLM-1390 should go to Mr. Kjell S. Kandola, Chief Engineer
(CBAF-1300 should go to Mr. Guy Theriault, Station Wanager, Box 950, Woncton, New Brunswick. (Bob Koppelon) CHANGES IN STATION DATA - F. C. C.
(Purchased from Seabrooke Printing Company, Washington, D.C. - 20004) NEW STATIONS

| 1230 | Brooknaal, Virginia | $250 \mathrm{U}-1$ | 1510 |
| :--- | :--- | ---: | ---: | ---: |
| 1490 | Manistique, Michigan | $1,000 / 250 \mathrm{U}-1$ |  |

1490 Manistique, michigan $1,000 / 250$ U-1
NEW CALLS


920 (new) Madison, Wisconsin 1520 (new) Houston, Texas
1100 WGPA Bethlehem, Penney Ivania, 250 D-l. Move XR SE.
$1240 \mathrm{~K} \mathrm{~B} \mathrm{~L} \mathrm{~L} \mathrm{Helena}, \mathrm{Montana} \mathrm{to} 1,,000 / 250 \mathrm{U}-1$, from $250 \mathrm{U}-1$, same channel.
1340 WT L B C. Mpncie, Indiana, $1,000 / 250 \mathrm{U}-1$. Change in antenna system.
1360 D D C Hartford, Connecticut, to 5,000 U-2 from $5,000 \mathrm{U}-3$, no change nights.
1380 W P L B Greenville, Wichigan, to $1,000 / 500 \mathrm{U}-2$, from $500 \mathrm{D}-3$, same chanel.
1390 WT ER Charlotte, Michigan, to 5,000 D-3, from 1,000 D-3, same chamel.
1400 K X I V Phoenix, Arizona, 1,000/250 U-1. Wiove XR SE; erect new higher (4201 Dant
1450 W K I A Ludington, Nichigan, to $1,000 / 250 \mathrm{U}-1$, from 250 U U , same ciamel.
K Y IT T Yankton, South Dakota; ditto.
1490 M R C Miford, Massachusetts, ditto.
HEARD SINCE LAST ISSUE
 HANH SITUATION
OFF- 550 WGR SME \& MNs only. ONS- 980 KMBC NSP 1380 KUDL NSP
C.P.C. NESDS VOLUNTHERS! Why not take an active part in arranging for spacial DX programs for your NRC? It's exciting and self-rewarding! Write to Chaiman David Oved 560 Grover Cleveland Highway, Eggertsvilie, N.Y. - 14226. Dontt procrastinate! ENTER THE DOIESTIC \& FOREIGN DX CONM ESTS! Each of the two Domestic Conteste is 254 ; the Foreign, 50q. Dorrestic Contest entries \& fees go to Jerry K. Conrad - 7l2 South


Regardiless of reports to the contrary my antenne nas not been novel to the Coast. It is still located here in Lexington, hi. The foreign stuff is all with Callarman, so I'll not burden you with repeate. New U.S. DX since 11/1 by date: 11/3- WPAT-930, Paterson, N.J. 1:30am on AN show; WPBG-980 Richfield, Minn. testing new 5ky. facilitia on projected move from Minneapolis 1:50am; KXGO-790 Fargo, N.D. 3:35m listed r/c. 11/5- WFLO-870 Farmville, Va. November s/off at $4: 45$. 11/5- KMAQ-1320 Maquoketa, Ia. 3am test. 11/7-WTTL-1310 Madisonville, 騐. 11:55 NX; s/off 12 m . 11/9- WBLJ-1230 Dalton, Ga. 12:IOam test, mT, mx. Only 18 the whole time I listened. WDCJ-1220 TEST OK but mucily early! Heard at 2:50am already on. Kbwn-1370 San Jose, Cal. at 3:15am on testafter s/off 3em. Othar tests as per 1ist, KOEL-950, KWAT-950; no Presque Isle Me:, though, hi. Unn hare those two teste. Somebody help! Who on 1230 plays mx in foreign language AN2 Not WCFO or WTBC. Who? Heard all week 11/1-7. Local WLAP-630 now s ioff at mianight most nights. WVLK-590 off Mits only $12-5 \mathrm{~mm}$. WBLG-1300 has alway s/off mianight. Veries are lowly coming in. Nice letter KDON, mentioned Ev. Johnson reported same ac mins. Also WYNs, Barbados-795 (\#2l verified country) Springfield, ass. CFJC KOYN KIHN WRIS. Lots and lots out recentiy so watch out. A lot of you have joined the Contests. A lot more are needed, so come on and sifn up now! If anyono in the country needs a TA, now is the time. Those signals are fantastid! Look at Callaman's section ana you'li see way. Biggest tnrill here was मy first DKf in 120-1000 Tsaranga with lodb signals. that's right - no lie - and o/KOHO test. Randy Seaver - 211930 Street - San Diego, Callfornia - 92104 - 281-4182 Greetinga, Les Crane and Regis Philbin fans! (Who, you ask?). DX since last time: 9/14-- WJAS-1320 WFBM-1260 WQXR-1560 CKLW-800 KSKY-650 KXA-770. 9/19- CHAB-800. 9/21-KFAR-660 KICY-850 JOBK-670. 8/10- XEFI-580. 9/28-Redio Fyongyang-785, KCOR-1350 KRVN-1010. 10/5-JEC-750. Pyongyang-655. 10/6- KLVI-560 YSS-655 KVNU-610. 10/12-WOW-590 Pyongyang-635. 10/16- XFABC-760. That gets me fairly well caught up. The $655 \& 635$ North Koreane were both heard first on $9 / 14$, and have been audibie each MM since. Since $\mathbf{x i z / 1 : ~ J O L B - 8 7 0 ~ 4 : 3 0 . . 1 1 / 2 - K P O S - 1 3 7 0 ~ s / o n ~ © ~ 6 : 0 1 , ~ C F O R - 1 5 7 0 ~ © ~ 6 : 1 0 , ~}$
 615 all in 10:50-11 ma EST. 11/8- KWAY-1570 f/c 4:59. 11/9- Japs on 670750780830 8408808909501210 1370. E00R-1210, B0PK-880 KOKR-950 JOIU-780 all new; most in all moming, 680 and 950 befors 5 EST , the 990 very faint, and I'm not oure who it was // to. Unk S4-540 and 890 . 4:55. KLUC-1050 © $8: 48$, WDCJ- 1220 TEST 3 3:57, WOXI-790 AN $4: 25$, CKOY-1310 a 5:07. CELL-940 © 5:10. Unk s/ons on 1460 3 $4: 30$, and a 500 watter on 1390 : 4:59, HJCG-1070 and HJAT-1100 noted AN. HJAT-1100 first heard 10/25 © 4, full ID. 11/9PM-Unk SS-775, TIW maybe. IIm not discounting an image here, but it didn't sound like our hard raucous Hexicans here. HJDK-750 © 11:47. 11/10- 4VEF-1034 or 1035 (which?) s/off 8:30m. 11/11-CKOK-800 e/off 3:06, HJED-820 and HJBI-840 both clear after 3. In my opinion, this would be your $3 S$ here, Ernie, Clarence Freem man. I have a fuil ID on tape, "Ondas del Caribe." If anybody wants info on the DX avobe that I didn't give times for, drop me a line. I couldn't see cluttering this up even more. As an academic question, why can't a member get a refund after ten day $\theta$ ? (He can, Randy merc) Congratulations are in order to Roy Millar, on his TA catchee. Goal this year is Dakar-764, and 800 stations logged by June. San Die go hopes to break the record for attendance at a BCB DX meeting when it hoste the IRGA Convention in 1965 . Till then, 73.

Gary S. Collins - 26 Holly Street - Cranford, New Jerbey - 07016
Hi there g ng! Not much DXing since I am down on campus now. If anyone has any urgent mail forme, send to Box 1416, Eutgets Post Office, New Prunswick, N.J. ©8903. I get homesent mail quickly though. DX CX have been totally unbelievable- what little time (about 15 minutes on sunset) I nave spent at the diala. I noted 845836782818 gyite strong, and 8000 didio on 791, FT, for a new frequency neard. I nad a Syrian friend over, and he heard Arabic on 818 mixed in with what I think was FF , probably Andorra. That was all on 11/8. FN. Back around $10 / 27$ ANi I noticed a alear ID of Radio Carolina-1495 wifr \& eicky popmx. The ID heard on the half hour, 1:30. I will really be hitting the dials on Christatas vacation. I also hoard BEC-1295 going into Polish at $1: 15$ on 10/द' . Anyone want to trade for rock specimens from Franilin, N.J. zinc mines areap A few veries from VDCJ-1220 for Hurricane Nate, WGIG GBZ VIIER (Beo-


Musing time again. DX picking up for me but none of that stuff like that which is being logged by Schiller and Dangerfield. But I expect that to change with a little determination and effort. I woula liked to have entered the conteste but will be leaving bere in April and mesense in entering for that short time. That is one disadvantage of a military career; you don't stay in one place too long. I am going to Adak, Alaska which is a mall island in the Aleutians. I shall be there about two years so maybe I'll be able to enter the contests then. I'll be worizing at the Agency's Ionosphere station. To B. Dangerfield, I assume you meant me when you addressed Bill lee and asked for info on sunspots. Not much on sunspots as we are only monitoring 1 to 25 $\mathrm{mg} / \mathrm{s}$. now zut can obtain desired info from our compatriots at National Bureau of Standards. I can also supply tri-monthly frequency predictions for the high frequancies. Let me know if anybody needs above info. Loggings to date are: 10/18-BBC-1295 Crowborough a I: A5am. 10/25-RS MWOC-1450 Chattanooga 3:55, RS WVN-1450 Cicero, I11. 3:50. 10/26- TEST KNBI-1530 Norton, Kanaas 0 3:37am; RS mCAO-600 Eal timore 0 3:50, TEST, KISM-1530 3 4:05em. 10/27- RS WZOX-1320 Jacksonville omidnight. RS, WDRC-1360 - $11: 39 \mathrm{~mm}$. 11/3-4VEH-1035 Cap Haition (on for Election) © 11:24pm, BBC-64\% Daventry 1:30am. 11/8- RS CKGM-980 Miontral e 2:30am; RS CBO-910 0ttawa 1:29am RS CBV-980 quebea 2:25an; RS CKCH-y7U H2ll, e e:UJam. Mnole band dominated by Canddians thus of 11/8. Nystary on 1230, FF Canadian ex: 30 am playing instrumental rax. 11/9\#/c KOET-950 0elwein © 2:05am; RS, RNE-684 Wadrid $11: 53 \mathrm{pm}$, Veries are WAWZ, Redio
 Stan Morss - Route 3-Braiford, Massachusotts - 01832
11/4- WLYM-1350 ER 4:40am. WMNC-1430 s/on 4:55am. WTTT-1430 Amberst, Mass, on early for ER 5:20am to clean up the state except for MMRC-1490 as usual: M, copied CBY-990 Corner Brook, Nfla, for another try at a verie, 5:15-6:05rm o/u WIBG. 11/5- RNE-728 La Coruna Spain o/u Deutschlandsender 2m3:05am. WTRX-1330 Flint noted still AN HSports Satelliter. 11/8- WACO-1460 on top 5:45 - no WBNS SM. Three s/ons at 6, WRAD, WFVG \& another not IDed. 11/9- RNE-684 Sevilla very good 1:05-1:30 am. Andorra-998 in and out 1:40-2 but not enough for a report. WKVK-1550 Virginia Beach o/u CEE 2:02, WDCJ-1220 Arlington, Fla. $2: 48$ am and on. TT \& ID 3:43 on 1490 sounded 11 ke WMGT? WBTC-1540 Whrichevile, 0 . testing 3:53am, off 3:56 for short report. KUDL AN this Mi 4:08. FF on 1150 covered by WYNS at $4: 30$, who? WPON-1460 RS 4:30am already. Verie from WENG. J. Warren Foutzahn - 206 North Forrest Street - York. Pennsylvania

I must put my little squeak into the well-oiled NRC machinery. I enjoyed the convention at Buffalo, the old friands, the now, and realizing I'm now an oldie watcining the joung set do as I did! Glad so many young fellows are DXing and have so much interest in the Club. Marge Hill convinced me there is such a thing an a good lady driver! DX here is only for Specials so far and did OR there. KDWA in nice with some otizers on 1460 alвo testing. WRYT too much for WKBR. WMGO OK here. KISM didn't show so I puzzled over Congo tex on 1510 and LA on 1520. My radio was off so long I cantt be positive of dial readings. 11/t-KTIT \& EMBI about equal, not power houses here. 11/9WDCJ \& WYNS loud \& claar. This location now seems quieter than my former den since a power line noise was cured in the Spring. At that time DX was impossible. Just to clear a point at Euffalo, Bob weaver and Hai Criswoll are both in tip-top siape. We did Iose a good friend, Art Brackbill about a year ago. Mext itom Ernie may cut if too much gab. "The National Radio Club held the thi rd annual get-together at the Club room, 503 Wect Merket St., Sunday afternoon. Refreshents were served to Maiter 0. Rirch, E. Lym, Mass.; Clifford Van Tassel \& son, Pleasantville, N.Y.; Kemit Ceary, Walnutport, Pa.; Ben Gemung, Spring City; Art Braczbill, Lancaster; J.H. Curgan, Philadelphia; Jack Eorner, Elizabethtown; Howard Schlodoma, Brookiyn; Luther Grim, Red Lion; Hal Criswell, Sprang Grove; R.D. Martin, J.W.Houtzann, and R.H. Whever, all of York." This great event on June 20, 1936. (Never, Warren - very interesting! -riRC) Frank Wheeler - 6589 Wattsbure Road - Erie, Pennsylvania - 16509
About time I got a report off to the NRC. 10/5- WQXI-1470 1:00am; WHID-1340 1:05am. 10/20- WSEV- 930 Smm s/off; WBEB-920 6:00am NX; WTAT-910 1:35am. 10/26- MNGO-1370 3:33 am TEST. 11/2- WHPL-610 8:30m. KNBI-1530 3:37am TEST, CFCH-600 DX, KTTT-1510 3:12 am TEST. 11/5-2:30Am, WEAM-1390 24 hours a day; WDCJ-1220 3:16am, and WYNs-1150 11/9, last two for NRC. That's it for now. 73s.

David Lowis - Kansas City, Miesouri
I've read ABC network may go on an AN sized with programs!. I plan to retum to $D X$ soon

Verie returns so far this season are much more rotten than in past couple of year any other comments on this? Nore ANs pringing upe all over the place - OJRIM- 1600 and CFOR-15\% Have now joined the crowd. Thankfully both are off MMs as far as I know - I hope I don't have to stand corrected on this statment. Latest DX: 10/20- Wild Negro mx on 1480 from $6: 45-6: 50 \mathrm{pm}$. Had several comuercials for Faxall Drug stores - WLOK? TIEICA-625 great signal at 7:35. 10/22-WKLO-1080 o/WIIC/KRLD 6 5:40; WQTE-560 s/off "5:59; KWMIT-540 s/off 6:30m in the clear; KFDI-1070 after a long absence IDing as "raising tall in the saddie at 1070 on your dial" 6 6:46. 10/23- WQQE-1570 blasting in "at $6: 30 \mathrm{~mm}$ o/GFOR this AM \& many others. 10/24-KSTP-1500 in clearly as early as 3pm; arotherpa. station giving it to CFGN when WGSA-1310 s/off at 5:30. 10/25-WHII-1100 about even \%/KYw e $7 \div 30 \mathrm{am}$ but dian't last long; finally caught up w/CERS-1090 o/u WBAL with foreisn language at $4: 40$, s/ffe in FF 5 . pm . WGT0-540 s/of $\mathrm{f} 5: 59$, one It ve been looking for a long time, KFIF-1550 logged spasmodically during CRE lulls betwean 7:44--7:59 at which point unID Ss took over as second best to CBE - KFIF anrouncing as 50,000 W, at every ID. I believe the SS was a vexic an but which one? Heard a couple times since in ecily evening. MM 10/26-CJSS-1220 s/off 12:08; WRAL-1240 was a new one at 12:20 but sure didn't last long; MYNS -1150 also new, heard testing 12:20 to off at 12: 30, said Rs s/on 6am. Verie intimates my report \& one from Montreal is about the ir farthest. If so this ought to change after their 11/9 TEST. Verie also states that "direction pattern cuts off our signal from a circle in SE direction to avoid interfering with VDist," YADO-1280 battling CHIQ = 12:35. Who s/off MM 1380 a 3:02 mentionig "begin broadcast day at $4: 55,5: 55$ on SMis? KDHA-1450 in easily despite unvelcome CBCer. No שKrn-1250 due to V:RYT ; TT- 1400 3-3:30, no IDs when I was there. Finally snared KRKO-1380 v FIBNX 3:20 but ret enough for regort; wON - 1400 on top time to time 3-4am;
 3:40-3:45. Another unID IT w/Guban-1270@ 3:50. WEAM-1390\% $3: 58$, WPET-950 noted on RS © 4:05, is this a RS 4 am s/on? KISiv- 1530 although not solid logged without trouble; generally stronger than nearby KSTP: 7:25, hadio Williamsburg mPA-1340 for ninth new catoh of AL: $10 / 25-$ WCLE- $1570 \mathrm{~s} / \mathrm{off} 6: 32 \mathrm{~cm}$; WKAZ-950 o/CKBB 6:45. SS fairly strong
 John Flanigan-6512 West Hills Rosd-Fort Wayne, Indiana
And a big HI to everybody - this is my first Musing and am I glai I joined! DX NaWS is a big help. I thank Dave Doswell for his gentle shoves in the right jirection. Now for some info about me. Itm 15 and I DX with a WW-2 vintage National, but don't ask me what model it is 'cause $I$ have enough trouble just finding the frequency dial on the goofy thing (hi - see I'm up on the lingo already!) Now down to DX. I diseovared, to Hy horror yesterday that I'd never logged MMAQ, Chicago (oh tho shane of it) so I did my duty and zoomed over to 670. Latest DX is (in order of frequency): 11/11- WDAK-540 4:44am, Columbus, Ga. WQAM-560 E:5lam, Miami. WCVP-600 Murphy, N.C. 5:10am. WSLS-61C 5:30am, Roanoke, Va. KXOK-630 4:19am, St. Louis wio., card sent. WTIX-690 4:37am, New Orleans. WAKY-790 3:55em, Louisville, Ky. Also I have a card out to WLAP-630 Lexington, Ky. Oh, by the way, in the $\mathrm{v} / \mathrm{s}$ column in the $11 / 7$ is sue wow is listed as unsigned. Well, they nave a nev card (a three page deal) which is signed by Billy L. Wolfe, CE. On the back of the card is a history of the station's attempt to iuin a DXer's entire careeer - MINE! Does anyone have some spare TNT I could borrow? One more thing, loes KakK verify? Hi to Don Eggert. If anyone has some spare ti:e and 11kes to waste paper, I'll be glad to hear. 73s, good DX from "Rock", my nickname. (We lcome, Hock, to the NRC - We're glad you joined, tool -ERC)

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\text { Jeff Stover - } 252^{74} \text { Kildare Road - Southficld, Michigan - } 48075
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I haven't reported for about nine months as I thought it was time I should send a report in, Now to DX: 10/26-DX TESTa from KDWA WMCO \& KISM. CKFH-1430 3:10; WITH-$1230-3: 23 ;$ WAGM-1340 © 3:26; WAAP-1350-3:50; WEAM-1390-3:58 \& WGUS-1380 0 4:29. $11 / Z-$ DX TMSTs from KTPT \& KNAI. PPOP-1410 3 3:05. 11/9-CHUB-1570 3am; CTNS-960 © 2:55; TCEC-1390 \% 3:23: New veries: v/1- wosU-820 WGUS-1380 CKFH-1430, I collect SCe. (no name) - 3 Timber Creek Road-Stratford, New Jersey
I finally got around to write. Between school \& studying I don't have much time for DXing, but I did manaige to get.EIW-700 WEZU-850 WANN-1190 WJRZ-970 WSNJ-1240 IINS-1010 WCAP-980 WCFI-10UO WCBM-680 WCHS-580 ana CBAw1070. Verified are WLBR-1270 WML-870 WGR-550 WHYC-B30 WSDA-910, WCCO-830; WFLN-900 WBIC-540 and WNAR-1110. 73. (TElcome to the club, "riend", and we hope to hear from you of ten! -ERC) eign verie is Belize-834. Also got a very nice "not enough details" letter from lyc880, Next time I'll send them a tape. Night of $10 / 26$ was one of the best ever w/nary many $\mathrm{SS} \& \mathbb{Z}$ stations caming through (on SN yot). Three new countries, PRAB-850, Bar-bados-795 and Pyongyang-655. 10/27 wan good to Australasia, and I added mucin wanted 2AP-1420. I fear that additional countriss in the Pacific are going to be fow and far between. Thuning signal assumed to be Jrmaica is fairly good most mornings on 750 and MNs on 700 at $4: 45 \mathrm{gm}$ EST, but QRM from 50 kw . U.S. and Australians is treraendous. Contrary to my last Musing; KOB-770 signs at 2am EST Mh. Tney ars AN Friday and Saturdey, Pooking for North Dakota? KSJB-600 noted at 2am EST MMs. OJOR is also. there. Tried for WKBR-1250 Special, all I got was some way upren-1250. Thanks to Jom Callarman and Ben Dangerifeld for the nice letters. Thanks also to the local DXer (reme unknown) who tried to telephone me. If he wants to try again, and my sister answers the phone again, he will probably have to explain several times that he wante to leave a message for me. Miy sister tends toget so carried away about the idea that siels talkfing to a boy, that minor considerations like names are forgotten. 73s.

Boy, it's been a while since I've written in Mising, due to school, so I thought Itd
 late but still weleome. 10/27-WHNC-890 5:50 m, 11/1- CJRN-1500 (call change from CHVC) 12:1Sam with real nice signale. 11/2. KTTT-1510 TEST 3:00am. KNBI-1530 3:30am. CFCH $-600-D X 3: 35$ w/rough to Copy signals, due to WCAO KSJB WICC and with unusual programming such as ade for the early morning show, and weather. 11/5-CJBR-900 10:10pm w/CBC NX in FF. WAUL-1510 (call change from WaUX) $5: 30 \mathrm{pm}$ s/off. 11/9- WDCJ-1220 3:15 am real woak, fading signals. Also tried form WAGM but CBM gave too much washover. Latest veries: $v / q$, none. $v / 1$, FIHIC FGUS (verie for $2 / 3 / 04$ report of WAOK-1380)as wati now ownership new call lattere and a verie). Latest totals: $609-600$ or $98 \%$. Im long since fod up with the stations that dont verify, so, if the station hasn't varified after two montis, I cross them off my log totals. If I hear them again, I relog them, and send more details. This is the only way one, these days, can keep the log average up and some stations just don't care about reception reports, but, even with the enolosing of return poatage, haven't the courtesy to write so, to heck with them, hi. Will try for the five Specials this MM 11/16. The main reason why I've become inactive is because, I'm a senior in High School, and am taking six straights (trig, advanced electronics, zP , German, Govermment and Sociology) so it sort of keeps me busy. Have a $97 \%$ average in German and a $100 \%$ sverage in Advanced Electronics, but in trigonometry (well, let's not talk about it) so, inactivity. It adie pp, hi. Would. like to try for my novice amateur test as soon as I can master the receivine of the code, so that may take some time. Anyone who TV DXes, Ita like all the help I could get on it, such as, when to try, best seasons, days, times, and channels. I use a $23^{\prime \prime}$ console acd a $19^{\prime \prime}$ portable, with a 27 element beani on a rotor. Best three henils have been WICU-1Z WBNS-10 and WLWC-4. Hope Ernie lets me put tnis TV DX bit in, as I know the WRC is $3 C B D X$ only, but, $I^{\prime} m$ hoping helll leave it in. Fiell, $73 \mathrm{~s}, 88 \mathrm{~s}$, and $10-4 \mathrm{~s}$ (to all CDers, hi), and hope I will get a chance to write soon, but xafinitely mont wfite unless I get'a couple more loggings. 738.

EriciTelson - 92 Carman Road - Funtington Station, Now York - 11749
Hi guys! I just joined the NRC with great pleasure. I think this newspaper is the MOST. I am 15 years old and have been BCB DXing for about a year. During tiat time I have been able to hear 205 stations in that time on a Lafayette HE-40 RX hooked to a 200 foot longire antenna. At the moment $I$ am trying hard for a Cilifornia station. Some of ry recent loggings inciude: 11/8-WBAX Wilkes-Barre, Pa., WNDR Syracuse, N.Y., WWW, Clevsland, O. Last 10/2l, I logged WFBC, Greanville, S.C. IO/25- WDXN, Clarksville, Temn. Going back further, on 10/19 I logged KING, Seattle, Wash.! Unfortanately, I haven't been able to hear any sign of a European station even thougin my friend Tom Donahus (he's planning to join NRC) heard an FF between WBZ-1030 and WHO1040 possibly at 1035-4?? Anyone know? Does anyone know why some Cuban stations Lon't QSL their reports? Mainly, my friend \& I both sent detailed reports to CiCA-730, Havana \& we haven $t$ gotion wcrd yet. So far eight months have elapeed. Anyons else get the same resulta? (Welcome to NRC, Eric - can younake it to Brooklyn 11/28? -ERC

Greetings. Wiere nave I Beөn, rignt? Sance 4 last musing an June, quite a bit has happened to me. Grauated from John Carroll University on June 7th, went on active duty with Uncle Sam on 6/16; got married to a wonderful gal Augut 22nd, ad have been an extremedy inactive DXer during that period. This was mainly due to the fact that I don't have a rig dewh here in Virginia. A transistor portable that's picked up only as far as Vowo-1190 is the ondy radio we have. Left the trusty, rusty, Spartan back in Cleveland for I felt it woulln't survive the trip down here. I was in N.Y.C, the weekend of $8 / 15$ (my last bachelor weekend) and enjoyed touring the world's Fair and seeing a liets game with Hubert Buckner. I got to talk to Ernie on the phone. Sorry we coulin't get togethor for a good DX gabfest like the last few times I was in, Ern, but we'll catch you next time. Have been trying to, get an old war surplus comsiunicam tions RX but haven't had too much luck as yet. I hope to have more next tire, DX-wise. To Joe Plonka: I got your letter but lost your address. Please write again. By the W时, anyona in the Tidwater Area wishing to drop by for a chat is wolcome at Ginny and Tox $1 / \mathrm{s}$ pad. Phone number here is 723 m 6156 . Call before yoil drop in to be sure welre home when you come. 73s. (Got luck Tom, and I "salute" you-EFiC)

Ernest J. Wesolow lki - 1416 pasadena Drive - Omaha r, Nebraske
Today, $11 / 12$, is a good day for varies. KIKK-650 from Houston, Texas came back and CE Mr. Sem Iove also included a KRCT verie on a yellow KRCT letternead for $2 / 10 / 61$ report. QSI from WMGO-TEST in Wies., WXTN- 1150 and KIJV- 1340 both sent CMs. All that today! Otiars are from WJAR-920 ln R.I. after a month's wat. EVEL-1250 sent along my Dinosaur Hunting Liodnse. WQXR, N.Y.C. w/interesting info on XRs. WFII-5SO returned my report and sent QSL. KCHA-1580 in ©wa verified on my report. DX by date line: 11/2- WJCO-1510 Jacken, wich. r/c at 1:39-1:50. 11/5- WXTN-1150 Lexington, Miss. f/c-XI 2:00. Oh yes, local KOWH-660 had ET on 11/5 at 1:30-1:46. 11/9-IIJV1340 Furoin, S.C. had rfe at 1:15-1:30, and WCJ-1220 Arlington, Fia. TEST heard in clear but reak at an S-3. WDOV-DX was mostly covered up by unk frrer. Didn t try for WYNS. I had a nice visit with IFCA member Larry Leimer in Council Bluffs, Ia. last Sunday nisth. Local KRCB-1560 is one year old this week. KOIL will move XR iext year. LSS tine is $5: 15 \mathrm{pm}$ CST; 5:00 in December. KFAB has received three reports from Sweden during the past five weeks. Sure wish I could get one from Europe, hi. All of my foreign stations and frequencies are blocked by Cubans on MM. Can't even get KGu. 760 in Honolulu. I want this one bad. Still four ANers here in Ohaha, inclicding Whis. Hapky Thanizsgiving to all. 73 s and $10-4$.

Dain ineissner - 5308 Tenth Court South - Birmingnem, Alabsma - 35222
Hello group! This is my first inasing eince joining in september. Irve been weaning to Muse but have been too busy. Latest DX here: WSAI-1350 WBBM-780 WJR-760 WRAL-740 WHAM-1180 TOWO-1190 WHO-1040 WMAQ-870. Lateet Veries: WHO WMAQ WFAA WOR. You can probably tell I'm new in BCB DXing and I know I sound like an ldiot but what's an SC? So long gang - look for a letter soon -- Barton, youlll soon get a tape. (AA SC is a recori survey or a survey collector, Dan, and welcome to the NRC! -ERC)
 years old and a Junior at Shorter College in Rome. I have been a BCB DXer for four years, and my $\log$ total stands at 662 and 16 countries. DX here seems to bo like evorywhere else - good! Latest DX is: 11/5- WHBB-1490 WGEA-790 and Cairo 1 I-773 - my first African coming through Valencia at 6:3 Opm. 11/6- Radio Belize-834 here like a local/with NX in SS at 7:50pm EST. 11/9-WTUF-840, P/SAO-1550. 11/3-9, Redic Barbados has ooen easy copy: Latest veries in from KHzE CBK ard CKWX. Best of DX. Jya, y'all 735. (Walcome to you also, Howard, and please wise frequently! -ERC)

John Jepson - 202 South Washington Streat - North Attloboro, kassacmsetts I just bought a Hamarlund $\mathrm{HQ}-105 \mathrm{TR}$ and so far I haven't had any great rebulta, I couldn't even pick up. $K O B M$ at 2am. I thought I'd be able to pick up at least this one and Cainfornia but right now it looks kind of hopeless. I'm running a 50 horizontal longwire out my window to a tree in my backyard. Could anyone tell to if I am expecting too much out of this receiver or give me some hints to improve racgption? Thank you \& 73 s . (Welcome John, and perhaps someone will have some suggestions - ERC) Bob Schmarder - 4 Pinewood Circle - Corning, York - 14832
CX are auch to melze DX tempting. Heard France-836 at 6 mm s/of $f$ last night \& CBH-860 before thoy swi tehed to nightime power at 4y. When \& if I DX I' 11 put in a ifusing. 73

Veries since last report are $\nabla / 1 \mathrm{~s}$ from WLTC-1370 WRIT-1340 CBR-1010 WYNS-1150 TEST KISM-1530 THST, and WONS-1410. $\nabla / \mathrm{q}$ s from KSO-1460 and CFCF-600, and a v/e from WMGO1370 TEST. Recent DX: 11/2- $2: 433 \mathrm{~m}$, WEAM/WFBL-1390 ETs; $12: 53$ WKJK- 1580 ET/M; $1: 00$ KRDS-1190 good; 1:10 WENG-1530 ETM; 1:13 WRGM-1540 ending ET/M; 1:26 WMID-1340 atop channel, first time ever haard here after sunset in spite of the fact that they come
 2:55 WRDN-1480 AN; 2:56 WOND-1400 AN, NSP? 3:03 KTTT-1510 TEST weak; 3:43 CFCH9600 DX in but lota of WICC/WPDQ QFN; 3:51 KNBI-1530 test in Sw, unn; 4:01 SSB on 1530 but announcements unreadable, guess WUPR; 4:05 ET/Old rr on 1380 , who? 4323 , WABC-770/WOR710 noted on 1190 - anyone else get this? $4: 26$, WPET-950, sounded like RS but announcor said ET ; 4:36 WLTC-1370 already on so logged; verie states they had to get BCC permission for pre-sunrise operation and use "greatly reduced power" before sunrise; 4:42 WDEA-1370 starting ET/M way o/WLTC; 4:59 s/on WGYW-1430, Knoxville's all c/w station; 5:02 MDOL-147O s/on, thought it was WVOL until I had a chance to go over the tape; 5:03 s/on WPVG-1460. 11/3-2:08em s/off CFAM-1290; 2:12 FF atop 1240, CKBS? 11/51:08an CNUF-600 strong; 1:15 WGAN-560 briefly through WfYN/WQM ; 1:19 ET on 1320 with continuous comrercial for "Thomen and Sutherland"; CKEC no doubt; 1:26 CMSS-1280 bothoring loud local WADO; 1:34 BBC-908 s/on; 1:48 BBC-1295 w/talk about English and American aocents. 11/8-10:26pm TICA-1195 w/nRadio Columbis" ID. 11/9- lam, CSC-530 w/ondy the Maritime ID on the hour, has to be CFCY; 1:11 Senegal-764 good but QRM from anothes on 7o4, Sotjons? 1:40, WRAN-1010 RT and most of AM; 1:46 WCSA-lくBU RT, call sounded like WCSA and not WSCA; 2:0S WIFE-1310 reported; $2: 38$ WITH-1230 very strong so reported; 3:05 WONS $-1410 \mathrm{ET} / 0 \mathrm{C} / \mathrm{M} ; 3: 14$ WCBN -680 , now NSPP $3: 41$, WDOV-1410 on IRCA tes 4 ; 4;30 s/ons WPON-1460/PBAB-1440; 4:32 WYNS-1150 TEST weakish; 4:46 s/on JBC-750; 4:49 HGBS-560 in the WQAM QRM. Since I stopped listening to WMCA, I've been 75\% happier! Roy F. Millar - Box 91 - Marysville, Washington - 98270
Greetings! Tothing now in way of Domestic DX since last report, but might note following: 11/5- Found rarely hoard CJDC-1350 Dawson Creok, B.C. s/on 8am completely atop channel. $11 / 8$ found "carrier current" KFPC (or is it KXPC ) - 662 Seattle, fair around 10:05pm. 11/9 a complete busy what with GaYO-1150 wasting a channel for me on the AN junk while I looked for WYNS TESI, and 1410 ydedded no YDOV DX, just a mess of noise. Veries: KFFEM680 TIRICA-625 and PJB-800. To the subject of "Geography" for a moment It appears to me that Nurmansh id in the Russian Soviet Fed. Soc. Rep., not the Kareliam Finnish Rep., right? Also, Worid Book Encyclopedia indicates latter becameqa part of the R.S.F.S.R. in 1956, hence on what basis is the Karalian-Finnish Rep. considered a "cuntry" as shown in NRC Country List? Not criticism; just wondering! From the looks of John C's IDXD. I would judge that this Fall has been the most outstending Foreign DX period of reception that the BCB has ever experienced when one takes into consider ation the crowded nature of the band and the high power of many stations oporating therain, many providing "Foreign Servica" broadcasting as well as the nomal "regionall services. As pertaining to Western DXers I wouls say that the TA openinge experienced in California have amazed me. I don't think anyone should be toc surprisec at such DX here in Washington state, if you just tale a look at the comparative geographical location, particularly relating to the "Polar Pathen of reception. yy own QRS is further $N$, for instance, than any of you Eastern DXere, roughly being at same latitude $N$ as Chicoutimi, 免ue, and St. Jołns, Nfla, for examples. Some estiated mileages acorss "Polar Paths" include: Thule Greenland, 2,400 miles (much closer than Tampa or Minai, Fla.); Murmansh, 4,300 miles (closer than Port-of-Spain, Trini dad, and Sapporo, Japan, for instance); Monte Carlo $5,400 \mathrm{milos}$ (about same as Kagosini…, Japan. The latter ("onte Carlo) while my most distant Buropean verie at the monent is much closer than any of the Oceania stations, excepting Hawail, which range fror 5,900 mi. (Fiji Is.) to over 8,000 miles (South Australia, Tamanina, Victoria). Enough of tostly nothing, so 73, all.

Leonard K. Dunizowaki - 366 Lincoln Avenue gast - Cranford, New Jersey - Orol6
voA Munich has been pounding in here so strong I decided to finally send them a report; v/c in ten days, w/booklet on U.S.I.A. I haven't been able to listen any mornings because of school, but evening DX have been tremendous! 10/30-BBC-647 6:10 w/ NX \&stock prices; Andoura 7:05pm w/light mx. 11/5- Real happy to hear kumania-755 10:18-11:05pm W/songs \& what appeared to be a vocabulary lesson; also hearn them $11 / 810 \mathrm{pm}$ E/ NX . 11 , 8- Radio DDR-1043 booming in 4:40-6:08pm s/off. No DX past weak because of midterms. \% makes country \#11 heard,' still four veried. Here's DX: 11/7-W500-1510 Jackson, wich. at $5: 15 \mathrm{~mm}$, only about 400 miles way : $11 / 9 \ldots$ KABL- 960 at 3:05am logged as lkw, KUDL1380 Overland Park, Kan. at $3: 35$, CJMS-1280 gave the call in FF at $3: 40$. 11/io- wOAY860 nak Hill T. Va. at 4:55 mm , KएCO-1560 Chickasha, Okla, at $6: 30 \mathrm{pm}$ and was haand only about a mimuto. Then TIRICA-625 San Jose, Costa Riea at $11: 02 \mathrm{w} / \mathrm{VO} z$ de la Victor", real loud itself but WLAP kept wrecking vengeance from 630. 11/11- KWMT-540 Fort Doige, Ia, at $4: 35 \mathrm{~mm}$. John Flanagan has just written to wusings so I'll if I can get Ray Parker to write. S'all she wrote, so 73.
Paul R. Hoffmen - Foinders Hall - Box 344-University of Dayton - Dayton, Oinio - 4540 C The temperature here has been avove nomal every day for the past two weeks, is D has suffered accordingly'. Limited activity so far in November, mostly SSS: 11/2- CJBR900, Rimouski, Que. © 6:25pm. 11/7. WJVA-1580 South Bend, Ind. on w/mx 3:30am and after, but no mention of: test. Juat like RS w/no ads. This same AM 2:13 I believe I might have heard YMAV-850, announcement in SS mentioned "para ios Nicaraguensest but they couldnt cut through well enough for a definite ID. $11 / 9-$ MM- WZKY- 1530 Albemarle, N.C. f/e 12:30-12:45, report sent. KWAT-950 Watertown, S.c. f/c 1:01-1:15, report sent. CNBQ-1060 nRadio Enciclopedia Nacional" Havara $1: 45$. KLZ-560. Denver w/NX at 1:55. KOHIm 950 oelwein, Ia. f/c 2:05. NDCI Special came in good here after 3:04, report and thenk you sent. Tried many times for Wacm. Special but no luck, so wac glad to see in DK NEMS that they' 11 br on this coming. MM. 11/lo- EVSA-1220 McGehee, Ark. very weake 5:58pm s/off: 11/11-, CFCr-500 Hontreal briefly $5: 50 \mathrm{pm}$. Oh; back on 10/ 30 I, was surprised to hear KGO's telephone program weakly $u / K C N O$ from $1: 50$ to $2: 34$, \& sent report. Veries are still slow, although some good ones have come back. Very attractive $v / q$ from Hilversum for Bonaire Relay; v/q from KABI, statiag $1,000 \mathrm{w}$ as per Ricn Heald's merno; $7 / 1$ or air letter snet from Barbedos; $\nabla / 1$ from KWYO for state \#40; $\nabla / q, v / 1, S C$, \& booklet from the local Chamber of Commerce; all from CHOK; and finally a $v / G$ fron $K G O$. An envelope frow Kwoc included a SC but no verie, so Illl have to try again. While I'ra here, I'd like to express an opinion about the $\mathrm{v} / \mathrm{s}$ list in DX NEWS. TInless I'm really "out of it" the purpose of this column is chiefly two-fold: I- To provide club members with the names of verifying perconnel at stetions which Eight otherwiee be difficult to verify; and $2-\mathrm{Ti}$ enable Club members to excercise etiquette in addressing our reports to a person at the station rather than to an office. If so, what is the real purpoee of listing "unsigned" and "unreadable" verie signers? It sems to me these only made the $\nabla / \mathrm{s}$ liste unvieldy and more dificult to reaç, in addition to placing more work on the editor of this column. After all, why take up space just to toll everyone we don't know the $\nabla / \mathrm{s}$ at a particular station? Tisis is just my personal opinion on the matter, so maybe others feel quite differently. Let's hgar from them. Best DX to all, and an onjoyable Thankgiving. (I believe the main reason for listing "unsigned" in $\mathrm{V} / \mathrm{s}$ list os to show the station actually varifies!ERC) Richard George - 1616 North Market - Wichita, Kansas - 67214
Hello again from the Wheat State. This is my second fusing in as many is sues of DX NEWS. Well, I justcmpleted the loop and am very happy with it. I have one problem, though. The 365 maf. variable cap. has no function at all. I rotated it several times on many frequencies \& no difference. In fact I took the one turn link off \& the loop worked equally well and still nulled out stations as before. Can anyone tall what is wrong? DX here is only fair with a very few spilts coming through. I heard France on 1205 but too much QRM from POAI for gooa logeling. Also unID heard on 1395 , but too wask. GdYOnly three nes stations logged: 11/9- XWAT-950 1:10 w/f/c, WDCJ-1220 3:02 w/an NRC Special. 11/11- KFKA-1310 1:34 RS. Bure hope the Maine Test has been re-sked. No luck at all on 950 on $11 / 9 \mathrm{w} / \mathrm{Q}$ Wi from KPRC ESEL \& other unID station, but let's hope WACN wasnt ton \& will de on 11/16. No luck w/WDOV aue to a test from WING Deyton, on 1410. TEST from WYNS must have been buried. All that was heard was a weak mass of several stations, all fighting for 1150. Veries in from KNDY (thanks to f/c list) KTPA WQXR KGF and nice card for TEST from MMGO. Totals now stand at $731 / 578$ with states at $44 / 44$. Not a very good percentage now, but many reporte are just out. Well let's see. I guess that's all for this time. Anyone having ideas on how to eliminate interference and improve conditions here in Wichita, please wrate, hi. 73 and better DX to all.
As they say in Appleton, Wisconsin, "WHBY." WWE'EE HAVING: BAMTER YEAR,"

Bob Karcherbki - 68 Praston - Aparti.ent 5 - Wakefleld, Maseacnusetts = 01800 11/23. Groetings to all. Tris $2 s \mathrm{my}$ annual report, hit Ernio, I'11 seejou 21/20 or the Saturday after Thankegiving whichever is more correct. I've人 beon haring a rough time at school plus working days which has curtailed DX to MM Specials and a few sSS. I have yet to $\log$ PJB-800 even though they were very strong $9 / 7.8$ around 7 pm . $9 / 9$ - wosu -820 trong at 7:30m s/off. Also CBT-540 $\mathrm{s} /$ off $9: 45 \mathrm{pm}$. Logged WLSV-790 $\mathrm{N} . \mathrm{Y}$. on $9 / 14$, 5:05-6:30p s/off. 9/25, logged CFNL-1110 5:59-6:18pris/off w/Oh Canadal wich is Canadian National Anthem per verie. Up to now I thought GSQ was. Color me embarrassed CMM is all FF in Cornwall, Ont. At 7m I heard faint WMBI-1110 I11. 1D. 10/4- I logged WBIC-540.N.Y. 8:26-9:09am for a good daytime report. Still waiting for verie. 10/5-Ondas Portenas-650 strong at 7:30pm, YVMH-700 strong at 7:50. 10/12, logeed WCBM-680 m/some KNBR QRM 2:06-2:37am. 10/79 1 i stened for CHCM-560 1:20-1:48am, heard WHYN/WGAN only. Dia log KOB-770 2:02-2:09 s/off for first N.M, 10/21 logged WKXL1450 N. H. 8:17-8:51am. 10/26- CBC on 1370 2:57-3:03am. CBC on 1460 a 3:05 and could n't null $\because=$ loop. 1250 had WRYT 3:07-3:13. On 1370 from 3: $15-3: 20$ ci mx \& at 3:19 "This is Padio station--n". On 1460 at $3: 58$ FF/ED CBC ID (no local ID). At 4:01 I heard fisst amouncement, KISNu-1530, then at 4:04 neavy machine noise killed it. 10/27 logged WDIV-550 10-10:18pm, no verie yet. 11/1-WHEC THCMB/KSO-1460 fighting 12:55-2am WHEC/MCMB g/off, and RBUC ET s/on. Loged WIBUC 2-2:33 s/off. 21/2-Logged ETTI-1510 3:01-3:22ata. Logged CFCH-600 3:30-3:55, had interesting DX show. On 1530, 3:56-4:05 no sign KISI, so back to CFCH until $4: 30 \mathrm{~s} / 0 \mathrm{ff}$. Had WCPS-760 strong at 4:45pm. I'm looking for big things on 11/16. (Out of town so no DX on $11 / 9$ ). This seaso in $I^{1} \mathrm{~m}$ 10/ 6, $7 / 5$ states, $1 / 1$ provinces, $2 / 2$ countries. Vories: WLSV CFML MCBN WRXI WBUC \& ZOB. I'm entered in the Domestic contest and I'll be in there fighting, for last place, at this /rate. Latest date set by FCC for WRCV/KYW awap is $11 / 30$. It will probably get extonded come more. I really endozed the Buffalo Convention and meeting many members nevy to me. Remember, N.Y.C. in November. 73 s .
Bill Stone: Not sure if I'm the Mr. Nelson referred to but since I'm more prone to make outrageous frequency measurements than aryone else I guess I am. One kc/s. is one kilocycle per second or one thousand cycles per second. So if you tune to a spot and find two stations battiing it out and a bad 200 cycle hot, you know that the stations are soparated by $0.2 \mathrm{kc} / \mathrm{s}$, likewise any het you can measure the frequancy of gives you an exact reasure of the difference between the stations involved. OK? DX CX have been as variable as a woman's neart, therefore thang nave been anteresting. Up until the night of 10/30 TA CX were usually good, especially to Iberia, Central \& Fastern Europe also North Africa, Las have been very poor and no Central Africans (e/g. Nigeria) have come through since the beginning of September. On the night of $10 / 30$ the Scandinavians mytariously appeared; since they were all coming on the paths that are expected, obviously there was a violent drop in the usually great auroral area absorption. So, says $I$, if the high latitudes aren't eating up BCB signals from North Europe, they shouldn't bother similar signals from the West either. Tried for KFQD-730 but found the channel dominated by a very powerful CKLG, Vancouver. There was another WE there, coming from very far Nath that was very likely the Alaskan but not mough to log. Ther: came the coup de grace in Fyongyang-655 who was nice enough to fade in at the right time! I got a good report off via Fong Rong - hope they are as good about BCB QSLs as they are about thase for SW. Triad my best to anag Peking-1040 but even the super-loop couldn't kill WHO. Think I shall consider Pyongyang my second best catch after Tongami020. Fecent loggings including RNE-620 Canary Islands, Davascus785, Iraq-R54, Steden-1223, Norway-1313, Kiev-872 are descrabed in Jonn Cis excellent IDXD section. Havs spent the last weak trying to get decent loggings on the presently unID TAs on 830 (Beirut), 791 (VOA Greece) 723 (Saudi Arabia) 902 (Findand) 538 (Cyprus) and 650 (ELBC); it's really torture to be able to tell who these stations are but not get anough clear audio to log or report. All the technical tricks in the nook can't $r$ splace the humen ear. To those eager souls who sre lusting after a loop setup like mine, please be patient. It took me six months of hard work to ge mine ruming right $\&$ the problems of modifying the design so those of you who don't have exaetly the same setup as I can build one are very lifficult. I'm. doing my best. UnfD Arab On 70\% around $5: 35 \mathrm{pm}$ s/off loops Cairo-Baghdad-Cyprus or so may be new Jordani or Kuwaiti XR as sked. Everyone listen to WRUL program \& give John a plug w/thestation!


I've been bothered by a very bad (but thank goodness, sporadic) olectrical buzz recently. Fortunately, on $11 / 2$, KITT and ENBI overrode the buzz for reports. On 11/9, WDCI WDOV \& WTNS TMSTs were all. heard; though mLOV was late. WYNS was raugh. WDOV was fairly easy copy through tests by KQV /WING., Japanese on 1210 briefly around 3:46 was almost certainly JOOR, in well past s/off tine of KZOO. JOOR is unn. CHUB-15\% 5 , on, 4:14. VITA-1140, Failio Imparcial; San Juan, P.R. noted 4:17-4:29, una. Unn WIMA1150 s/on 4:55:30 to obliterate last five minutes of WYNS, which fougnt c/w station believed to be CHSJ. WAVE-970 noted at $4: 58: 30 \mathrm{~s} / 0 \mathrm{n}$. SS on $15705: 05$ to $5: 11: 09$, but I couldn't ID. KNEA-970 Jonesboro, Ark. noted to s fon 5:15. Only verie recently is a card from IFAX-1100. I might mention here that one of the tenets of the NRC is to serve all BCB DXers. None of our material, incluiting frequency checks, etc. is copywrited (as other clubs have notic ed). We are not ANTI-anybody, only PHO-BCE DX. So far, since Convention, there have been No proposals from the members for action by the governing body to cross my desk! I would like to hear from individuals as to how we can inprove our service to you. I am very proud of the club membership for their trementos support so far in year number 32. 73.

Alan Merriman - " 504 Montrose Street - Alexandria, Virginia - 22312
Moll. This has been another pretty good week, so herels DX. 11/7- WJVA-1530 south Bend, Ind. © 1:30 w/an ET. WDOW-1440 Dowagiac, Mich, $1: 50 \mathrm{w} / \mathrm{r} / \mathrm{c}$ per list. $11 / 8$ -CJBR-900 Rimouski, Que. excellent signal to zam s/off. 11/9- Finaliy, KTFI-1270 Twin Falls, Idabo state \#47 logged from 1 to after zam; a couple of other atations on the frequency but did get fairly decent log. CHUB-1570 Nanaimo, B.C. completely in the clear at 2:10. Anyone in the East needing B.C., this one is a cinch. KGBE-1020 Los Angeles, 3 Zam. 11/10-CFAin-1290 Altona, Man. s/off about 2 2l3, announced operating // to CGSm-1250, Steindacn, wen. WmIS-810 murf reesboro, Tenn. at 5:05pm. Aiso sent report to WaIT-820. 11/11-Roported WFLI-1070 at 1:30am w/ET, using 10kw. 11/13-WKSRlemo Pulaski, Tenn. - Zam f/c per list. Heard this one while taking a log on WBSH, New Bedford, lusss. WSEL-1440 Fontotoc, Miss. a $2: 30$ with a test. Also reported KVI-1380. Veries concinue to come back fairly well, with 11 this week. They are $1 / \mathrm{q}-\mathrm{RMI}-584 \mathrm{CBI}$ CBNE WBAN. $\dot{V} / 1-$ WBEF WVOC WLIL WTTL WINJ KFVS CBR. Still have quite a few roports out a totell of 64 since $9 / 11$. Also how are you people managing to verify portugal? For throf reports all I have been able to get is a stack of hadio Fortugal Dxpclub report forme, and othor assorted forms. Have a total of 57 points in Donestic Coatest so far. $I \mathrm{~m} / \mathrm{going}$ all out to try and win this one. 73 for now, good $D X$ to everyone.

Don Eggert - 1925 East Bowman Street - South Bend, Indiana - 46613
Hi y'al! The weeks continue to drag on here in South Bend but at least I've received e couple veries to lighten up the scene. They are both $v / 1$, wryM, WLPO. WMT is state \#41 verified. Recent DX is: $11 / 5-$ WDXE- 1370 * $5: 48 \mathrm{pm}$ s/off. $11 / 8 \mathrm{MN}-\mathrm{MLXY}-1340 \mathrm{w} / \mathrm{AN}$ rr e 1:10, KIIO-1440e 1:14 TT; from reading other misings. I see they also tested the first Wif $11 / 2$ so maybe it'll be a regular thing, WROZ-1400 or $1: 37$ also ANt rr, WYID- 940 2:05 during CBN 1ull. 11/9-WMPS-810 0 - $5: 23 \mathrm{~mm}$ (Thanke to D. Doswell for this one) and MDSV-710 o/WOR till 6:06 pattern change. Reports out to WDSM WEXY. I've bean hearing some unId.SS in the early ege, esp, one behind WJR700 \& one on 800 even w/GJBC at tipge but cantt hold for an ID. Srie nem So traders are WO E WOHP WRAP. That's it so MB\& DX.

## November 21, 1964

D_X $\mathrm{H}_{2} \mathrm{E}$
Fi fellow slopover haters. Not much DX to speak of lately, but a few. Recent logeinga are: 11/9~ CRUR-1570, Nanamo, B.C. in the clear but too weak to report, just before 4
 really surprised to hear them. I am wemiting for some of those Arizonas to come in. I wish I could hoar KYND, Frank Merrill! only other bright spots have been DXes, on which I have batted 1.000 . Heard both WOCI and WYWS. WYNS noted that anyone in his right mirai would not be listening. I'm not of fended, how about you guys, hi. on, I almost forgot - tried out the new $\mathrm{f} / \mathrm{c}$ list for the first tire, \& I again battod 1,000 , 1 for 1. Tried KUSD-690 5:30am 11/14, and got iem, I hope success contimues. Recent veries are from TTAR \& WYNS, v/1, and WMGO-TEST with a special card just for TEST. TYYN was TEST, too. TAs have even been coming in HRRE, so it must be a good reason. I noted all the Ths most with good raadable signals. Hey, anyboly have any flos for the fifth day of the month in that fifth weekf Seems there's alwaye a few of tho fefif days each month, and they sem useless without the f/c list. Anybody any help for me? Cx real good, can get Chicago and Nashville stations at noon. Not really great, but I canlt do it in Sumaer. Canadians really come in at night now. Note CBW at about Bm
 AN, so no 1500 DX at all. I nave no idea what recent totals are 11 ke , probably around 1,150/150 or so, with 48 states, eight provinces, and 17 countries. I'il lay off about 1350 Hate club-anyone who wants to argue about it can write me. After I read about Dick Cooper's ideas about filing DX NEVS w/useless info, I realiz ed I was one of the biggest, offenders. I agree w/Dick I would much rather read about two or three other Musings, than about all the SCe in the world, and all the hate clubs in the world. So followg, let's keap all this trash out of DX NESX \& put worthwhile stuffin, OKP Itve alaid my mouthivel for this issue - any why the controversy over 73s and 73? So I'll say both, depending on wat's reading.

## ifike Bugai-19? Boston Road - Midaletown, Connecticut - 06457

Hi again. Veries in since last Musing are from: v/q- WCOL-1230 [GHL-790 CRSO-790 Kash inyov-998, and vague but beautiful card from Andorra des La Vallees-818. V/1- Wigkn$1340 \mathrm{KVIV}-1350$; KMLA-1530 written on report. New TAs heard cere are: Norte, Portugal719 on 11/1 © 4:35pm; Sofia, Bulgaria-82? on 11/1 5-5:30; tentative on Moscow, USSR827 W/ID © $4: 45$ pre 11/2. After checking With, find this may have been Sofia, but rem port sent hoscow anyhow. Berlin-989 on $11 / 1$ e $5: 45 \mathrm{pm}$; Cairo- 773 on $11 / 16: 20 \mathrm{pm}$. Ber-1in-854 heard on 11/7 © 6:11pm; RNE-Sevilla, Spain-647 on 11/11 3 4:13 pm u/BEC-647, seemed //-684; Beirut, Le banon-830 on 11/11 u/RTF-836; Manciah-548 on $11 / 11$ : $10: 17 \mathrm{pm}$. Reports sent out to Sofia-826, Petofi-1187 and tentative Moscow-827. Have unID TAs on $755 @ 10 \mathrm{gra}, 764 \mathrm{~m} 10 \mathrm{~m}, 593 \mathrm{~m} 10: 30 \mathrm{pm} \mathrm{w} / \mathrm{gazz}$. Youz foreign guys have idean on these?
 TEST, KSTN-1420 2:30am, WHK off. KRUX-1360 11/8 4:55am u/TKAT. KEEN-13*0 11/9 3am
 11/1 4:38am w/rr. WACO-1460 11/8 a $4: 25 \operatorname{san} \operatorname{mixed}$ w/other unID WCer, WTST-600 11/8 3:52m. WDCJ-1220 11/9 3:05am TEST, WTLAS-910 11/9 4:31.pm W/WEAY nulied, CFCH-600 $11 / 2$ @ $3: 35 \mathrm{Em}$ DX, and CKKC-630 Winnipeg $11 / 9$ 2am w/rr. Of these loggings, reports are out to KRUX-1360 KSTN-1420 KNBI- 1530 KTTPT- $1510 \mathrm{KDNA}-1460$ CKRC-630 CKGB-630 WARB730 \& WBGS-1560 are getting me worr ied. Itla of ficial. WHYN-560 is now 5/Lisw w/a rarked increase in strength fram 50db (llww) to $80 d b(5 k w)$. WHyN knocke WMCA around. Note YFBB now w/ MBC NX. Aocording to the Hartford Courant, which racently celebrated its 200th birthday with a gigantic 300 -page Sunday edition, the first radio station in Conn. Was the paperlis own WDAK (obviously not on the air hore now). Tne st tets first fulitame station was WDRG, winch, interesting to note, degan proancating from New Havon, not Hartford. WDRCWM was the first reguiar EMer in the USA, run by Major Armstrong, the FHionear. WCLS-1580 is back on nights again w/rr. More new veries whgo. 1370 poetcard, CKGB-680 $\mathrm{v} / 1$ and CHUB-1570 $\mathrm{V} / 1$ w/pattern for day/night operation. Slep fight through KABH-1510 \& the rest. Ugh. Reported WFST-600, Allfinished, so 73 s . f Chris Lucas - 89 Hound Hill Roai - Fairfield, Connecticut - 06431
Hi everyone. This has been a good woek DXise, with 21 now logginge, some of them pretty good. New station as follows: 11/10- WRIC-540@5:06pm, WiJB-620 Greensburg, Fa. @ 5:14pm. 11/11- MMNI-920 e 1:04am, \& KDTH-1370 on r/c from Dubuque, Iora @ $1: 45$. 11/14- I managed to null out local WICC to pull through WPDQ-600 Eacksonville, Fla. \& an unID station w/SS announcement playing organ mx. WPDQ logged 12:30am. (Page 13)

November 21, 1964 (Chris Lucas) WBKC-960; Bimingham, Ioggea 12:55 s/off. Also loged WKID-1580 r/c
 radio, but I donttose them listed as AN anywhere. AT $\$ S S$ II/I4, I mulled out local WQXR-1560 to hear WTNS-1560 Em in Coshocton, 0. 11/15- TIB-1310 Ttica, N. Y. good e 6:35mm/the HN Stavilite." PHIE-1320 s/on Griffin, Ga. © 6:40am. At 6:45, logged CWNO-1250 Oakville, Ont. \& WLNH-1350 Laconid, IV.H. @ 7:08am. SSS 11/15, on station, WSEP-1580 C $5: 45$ e/off. NM 11/16 was quite good w/six additions to the log. FAGM-950 DX in good at lodb from 2:47-2:51. They mentioned pattern as having major lobas at $140^{\circ}$ and $320^{\circ}$ so they must have a nul1 in this direction. WMDD-1480 heard 3 301-3:12, o/u WRDW W, SS MI. As you most likely noticed, WJFC-1510 decided to nave a técinical test 11/16, and I heard them from 3:22-4:01, but as least itts a new logging. It just about ruined any chances of hearing KABH TEST, but I taped a lot of my DX that AH \& I think I can make out "Midand, Texas" plus. times given in CST. I am counting it as a 1dgging now that I've played the tape several times. I also loggei wons-1410 4:01-4:08 $\mathrm{w} / \mathrm{splatfer}$ from a c/w station ovemodulating on 1420 . KUDL- 1380 my best catch of the morning, Orarland Park, Kan. for Kansas 42 4 4:15am. Last, MKTE-1090 4:39an. This brings the log to 745. I thought I would. have to say I got only one verie this week (MMGO $\mathrm{v} / \mathrm{c}$ ) but today three came w/the DX NEWSE $\mathrm{F} / \mathrm{c}$ from KLOU Verifixing report of $3 / 21 /$ 64 (sight months ago), F/C-CNi from KISM, \& V/1-CM from WIMA. Veries total $9 \%$. Beports going out to WAGM WMDD MJRC WONS KUDK WKTE KABH within the next couple of days. TBa. Jerry Peterson - 85 Dannell Drive - Stamford, Connecticut - 08905
Hi out there! Lots more DX rolled in this week. Here are some of the newies: $11 / 8$ e
 seand time: FBAM-740\& WCAM-680. Just got an answer from WCAW. They sent two SCs cuayde the rexie will come later, I nope, I nope. I was up \& ewingint on $\mathbb{M} 11 / 9$ and heard WILS-1320 WPET-950 WKMF-14\%0, all for the first time. I caught on 11/9 SSS WSVS800 WNSJ-1 480 \& KWHT-540. On $11 / 10$ before school, I beard CBI-1140 o/WRVA \& some ABC station (KSOO, Ernie?) (Dunno -ERC) I was downtown the others day \& hoard CJCB-12\%O for the first time on our car radio. This AM SM11/15 I heard these newies: FEOK-1440 3:03am CST \& WRED-1470 2:15 EST. There were also WROW-1320 W1RL-1290 WACO-1460 WFAD-1460 TJPC-1440 WEMP-1250 \& best of all, KENO-1460! KENO is another great Good Gay station! I forgot to say I haerd an unID ABC: station u/MENP. Could this be WREN, Ernie? (Could be - $\mathbb{R C}$ ). I looked it up \& it's the only AN ABC station on 1250. What ever happened to Jerry Bond? Is your arm broken - is that why you can't write? A fow notes - those towers opposite WNWM's (ecch) are none other than the fabulous one's, MMCAT s towers! John Sexton, IIll be in touch about "Coodies" - I like 'm too! Rich Heald- Baby Love has been overplayed here. Who called FMCA "sloppy?" Hraph! WICC's countdown SE is back on the air bit is not printed for the public. Has anyone been hearing viclins in the background of F\&BC? : The other day Dan Ingram, a z-3pm DJ started complaining there were violins behind him, Hear 'em, Ernie? (Never listen to WabC, Jerry -EFC) Itd heq d them a fow days before \& again this time. NABC really has troubles. Sometimes they go off for 15 minutes at a time, \& that lets WAVA come tamu nicely! Come on everybody, let's call CHOM "CHUw. from now on. I hear they wont $t$ play any records by the fabulous Rolling Stones. Did WAEB go up to. 50w? trey have a nice signal here all day - never used to hear them at all. I've probably gone way o/my $1 / 1 \mathrm{mit}$ now so 73 everybody, and keep those good guy lists of stations caning inl oh yes, fC total is 234 . Good DX, NFCers:

Greetings from Lucan. DXing this week - who was the TT in CW on 1590 from 12:10-12:45 am on 11/77 WIXEP WSHN-1550 12:25am f/c-TT. 11/9-La Voz de Cuba on 580, apparently on AN, which one? WELI-960 12:38am $\mathrm{f} / \mathrm{c}$, WATP-1430 also a test, KWAT-950 1:12am $\mathrm{f} / \mathrm{c}-\mathrm{TT}$. KABL-960 m/sports NX 2:30-2:34am, RS. $11 / 10$ - GMAN-550 La Voz de Cuba, midnight, WFIL560 12:10am, TPAZ-1370 12:26am f/c-TT, 11/12- Wigx-1510.w/The Fenway Show at 5:15mm strong and wey o/PLAC. WCMD-940 5:30pm y/CBM. And finally, 11/13- PKOK-1070 o/al1, क1,301. I also found my Radio Guado or Yanka to be the WADO-1280, now SS, which is new to me. I enjoyed the John Callarman "DX News". via FIRUL - itis really good to heas NRC members on radio. Finally i hear they are launcaing kariner IV to Mars, sometime soon. I wonder if wartnar IV wili pack up dny medium wave stations on the planet Mers, hi! With all the QRN I get. I sometimes wonder - but you can't verify static or noise, can you, hi. 10-4.
AS THEY SAY IN ANSONIA, CONNEGTICUT, MWADS" - WWRITE ALL DXING STATIONS." please! were foreign. I now ha a now record of stations logged in one morning. Stations loges were: relogged sent f/up to KNDI-1270 3:02, TMYZ-1.230 3:23-3:57, relogged KRIZ -1230 , KSJB-600 way u/CJOR (4am, JOBK-670 4:05, TGJ-880 4:08, JOHK -890 4:10, JORF-1480 4:20, reloged JOIB-750, North Korea-655 4:59, JOIF-1250 5am, WBGA-1270 5-5:30, JOPG640 5:35 o/u CNQ, WOOA- 370 5:59, JOQK-840 o/u Peking/WEAS; Radio Peking-1000 e 6am. All times THF. 11/11-S/on SSB © 5am on 680, who is it? $11 / 14-\mathrm{KKAR}-1220 \approx / 1 T 4-410$ KEOT-1460 o/u KDON A 7:30-7:3 jpm. 11/15- Relogegd KOAM-860, KHIL-1250 3 7:43 s/on. Wuch QRM from local KYA-1260, KDOT-1440 a 8:02am, w/QEM from locel KSOL-1450. Now for the veries: $v / q-$ WOC. V/l- KHJ KAWM WWYN KOHU. Totals: 612/412. Say, I tinink KTOT1050 Big Bear Lake, is now KPFJ. Local DXer Doug Nash heard them on a test ID several times as KPFJ. Aiso, on the tape the ID corres out that way. Now I know why KDIA-1310 wants 5 kW . From 4-4:45pm PST, I can hardiy hear them because of QRNI from others on 1310 , \& KDIA is only ten miles away! I can also hear someone u/KLIV atating around 2:30pri PST. Skip starts iround 3pm PST now. WX, well, you name it, wo've had it, hi. Say, Canadians, keop your 1 X - Wo don't want it down hore, hi. Had four days of rain last week, then it turned cold \& windy. CX appear to be real groovy now. Terperature down into the high 30 s at nignt, \& the hign, if you can call it that, 50-55. NT winds w/gusts to 45 mph . At least visibility is great from the hill area. Sure we gei cold. DX here, but not till Jan, or Feb., not Nov. Aryhow, itts going to be cold again tonight, 80 maybe I'Il get all the DX Specials. We usually dont get more then $20-15$ days a yøar when temperatures drop below 40 . And they call this a temperate cimate, hi. Thanis for your postcard, Ernie. Blue ink this time, huh? Last time itwas brown ink on orange paper. I wonder what color combination you'll think of next, hi. How about red on prenge paper, hi. Dumb me, didn't think fast enough, so my detai is of foreign/loggings will appear in Callarman's section next week. Bay Area DXers, report once In a while! This Club is only as good as you make it, so support this section. Miky Tilbrook, your TT on 1530 was NOT KFBK. I'm only 70 air miles from thera \& all thoy had for about five mirntes after s/off was an OC, \& I layed KISN behind thet. Anf how, KFoif does not test at all. Until next week, 73 . Roger Winsor - 7001 West Stanley Avenue - Eerwy, Illinois - 60403
It's been a winle since I last got on these pages \& quite a bit nes happersd, so letts
 WINU, log on CHEC-1090 w/KAAY on RS yet 12:50 CST, WSPF-1000 a long wanted one was on ETET/M for about an hour, but did hear an ID at $2: 53$. KTTT TEST in real strong w/ 20 minute log. WRIT heard for second NM in a row w/TT changing to 1 kw . $3: 32$. CFCH in weak, but Io gable w/a phone call - that was I in the Chicago area. 11/s-WIBG ID at 12:15 \& then WWBZ- 1350 for two new ones on that frequency in one day. Iog of f to WWEZ. 11/9- WSCA-1260 Ripleg, wiss, on ET/M 2:55-3:10 w/WFBM coming on air a minate $\# / T T$. WDCJ-1220 TEST pretty well, but hard to copy. WPET-950 Greeasboro, N. C. on RS w/rr for 12 minute log. WYNs TEST strong \& good copy for needed one on 1150 , but WJJD OC at 4:45 killed any more. Also heard s/on of WHHI, WLTC on 1370 for six new ones that MM. Veries in thi month total 15 , w/KGHL XEMO WMAD (after four months) WDAK after three months, WHYL MRAJ w/fine letter, WATR mentioning QEM from GFOR now, UTTN WMGO WINU CYUP CHEC KIXZ after eight months, KISiM finally WYNS. On yes, WERX-1530 Fyoaing, Mich. had $7 T 10 / 31$ 1:45-2. Letters off to KCJB CJMI and all the others listed above. Totals now 1,914/149, states 38, provinces four. Since joining the NRC one year ago I have logged alrost 200 stations since I started with 1,727 in $10 / 03$. Wust say the 165 $f / c$ lis $t$ ignt $t$ as complete as last year, many $r / c e$ per monitoring comanies missing. Browh paper harder to read also, but good to have anyway. Errie, the phone call was \$2. 95 , wew! Now for $11 / 10$ TESTs. Need them all. 738. Len Kruse - 1675 Glen Dak Street - Dubuque, Iowa - 52008
The DX TESTs scheduled on $11 / 9$ were heard as planned, namely: the hour-long TEST from WDCJ-1220 Jacksonville, Fla, was heari well with its instmental selections, loged for the first time here. Then the WYNS-1150 Lehighton, Pa. TEST likerise was neard for the first time on this date, and also came in w/fat signals. In case youlre wondering as th the response of the TESTs, here is a sample of two of the THSTs this season heard on 10/26- WhGO-1370 Canton, Miss. received more than ro reports from DXers; while KISM-1530 Shakopee, Minn. had but slightly more than 50 reception reports. Latest verifications received at this den included WMGO WKYX KISM.

Hello agein to all you NRCers. Dorestic DX has been rolling along but veries are still slow. New in the logbook are: 11/2- WEOK-1390 ET 12:33am; WeAX-1240 सS 1:28am, WJCO$1510 \mathrm{r} / \mathrm{C}$, WCLI-1290 ET-1:53am, ZBM2-1340 RS $3: 35$, CHIQ-1290 RS, CFCH-600 DX, WPON-1460 RS 4:37am, WHYY-1290 RS. 11/4. WSLS-510 RS. 11/5- WKIC-1390 TT. 11/6-WFHG-980 r/c,


 $1150 \mathrm{~s} / \mathrm{on} 4: 57 \mathrm{~mm}$. 11/10- VOSC-1300 ET 3:43am, WEYEM-1690 s/on 5:30am, WIOD-610 RS 4:02, WLNO-1300 RS 4:53em, positive $/$ /on 4:50am, WRAP-850 RS 4:51, WLOS-1380 s/c, ETR-1380 2 am RS. 11/12- WOBS-1360 TT 1:56am (no 1360 Hate club for me) WNXT-1260 r/c, WRXV-900 r/c. 11/14- WSEL TM 2:50am, MMMiT-1460 3:31am $1 / \mathrm{c}$, WMOZ-960 r/c and CKCY-920 RS 2:20am. Veries in from WISK WEER CFAC WMGO wEOK WICIC WCOS WYNS PNVA FON WOW WCIN. Taank to all who sent me SCs. Letters are on their way. Been shopping for new RX. laybe an SX-110 or any Harmariund model. Coments are appreciated. My new longwire Itr putting up whil be 1001 long, 30 high and run SW to NE. 73 s to all.
F Raloh M. Jomanns - 11 East Chippowa Street - Buffalo, Now Fiork - 1k203
SM 11/15- 1250 had WEMP WREN ANing, no WFYT \& in/out reception with hump CFHO noted later \& unid micame w/SSB then a/on 7:02am. WGR-550 off ani you can maki 'en SM \& MM off, Castro was in place; CBK WKBN FCAO as "TOp ANH; 1270 believe was $s / p n$ b; GTYR en 5:45. Nicer was $1010 \mathrm{w} / \mathrm{CBC}$ cimx \& CER Calgary AB till cut by CFRE s/on S:56GSQ and Oh Canada. At 6:27 CBR gave 280. 11/14-CKCN-1220 5:02 On Canada, and held to 5:58; WGAR s/on (Salf hour late? Or Sat. Later s/onf) WATE-b20 s/on 4:58. 11/13-CKCN-1220 Moncton, N.E. s/on 5:02 \& WGAR put OC on al 5:09:30. 11/12- CKCT-1220 s/on \& SS statior 2 WGAR s /on usual 5:28; 800 CKIN/PJB \& took CJAD out of tam 3-4am. CJCA-930 AN Wath Craven-A cigsies; fished WGL-12 50 out WRYT/CHMO/WEMP 4:50-5:10. il/9- Specials FIYNS1150, a memo slip $v / 1$, CMI WDCJ good, WDOV yes, but not reported as noreply from previous \& f/up. V\$q by Radio Americas-1165. vq KGO-810 by CE \& info. v/a, KOITO-860 (printed w/CE name), KISM-1530 info/CN for Special. An OK $7 / 1$ by KXGO-790 w/ the IV atations listed \& KXGO-AM, N.D. Bg. Co. Inc., Box 121, Fargo, N.D., 4000 West iain Av. Nortis Pederson, CE say opened as KFGO : 48, changed to KXGO 159 when N.D. B. ${ }^{5}$. Co. aquired station. A "New" pirate station started this week from a former U.S. mineswoeper, Radio London, will operate from Galexy which is registered in Honduras and is bached by Bainas Investment Group. It'll cover a 250 mile Lonion radius from outsid Eritish waters off the mouth of River Thames. Sorry, no kc/s. given. Joseph F. Plonka - 8258 Avonuo North - Lethbridge, Alberta
Not too much DX here lately as commuting 120 miles daily to worix at Pincher Creek, Alta. Have to rise \& shine about 6:30, every morning, thusly early to bed. Referring back to your Fusings of 10/31, Rich Heald, thers is no CBXA and there is a CBX. Most NFC info is correct; agreed. Early evening DX on $9 \mu 51$ brought KSOP u KXLF-1370. $7: 38$,
 ton State now. Aif 10/2z-KIBM-1450@8:30am, KAHR-1340 0 9:00. 10/25- KSGT-1340 at 2:05, $10 / 23$-IM- KLEO-1430 e $6: 18$ am, KELI- 1430 - $6: 21$ (Kealy Radio) WWYR-1410-6:32 (\#12 Florida), KGNO-1370 6 6:37, KSEL-950 6:50, KPHO-910 s/on e $5: 55$, KETE-1400 7:01,
 CKAY s/off 3 3:10. 10/38-KVRS-1360~7:35am, KFOW-1460 $\approx 8: 30$, KEKR-1490 $<8: 39$. 10/29-KCNO-570 8:30arn. 10/30- KDAK-1600 u/KASH-KLAK 6 6:02, KLGA-1600 from $5: 06$ to 6:10. Bust DY on 1600 for quite some time, as KLAK or KASH not in sight, That's it, 72 Bemie Duffy - 7 Livemore Avenue - Staton Island, Now York - 2302
Result of my 11/16 DXing was to log the Specials from WONS-1410 Tallanssee, Fla., and WKTE-1090, ing, N.C., With good signals, and to find MMDD-1480 Puerto Rico ruined by WRDT Auruata, Ga., and WCKY's open carrier apoled the Dominican's s/on on 1530 at 4 am , and TJRC topping KABH on 1510 at $3: 30$. A nice picture postcesd verie 1 rom Migo, Canton, Miss, is the only acknowledgement I got recently. Anyone needing my hometown station, WPOW (Staten Island 12) should be on $1330 \mathrm{kc} / \mathrm{s}$. at $4: 00$ weeicdays when they a/
C $\because$ on. They're pleased to get reports and verify.

$$
\text { Charles.P. Atherton - Box } 188 \text { - Harvara, hiassachusetts }
$$

Herels a voice from the past, hi!. Congrats to you and the others who are doing such a swell job on DX NEWS. Believe it or not, I have turned on the HO-129 and sent four reports. One verie in, the first since 1958 - WOW. Up this NW for first tine sirce 1958 too and reports sent to WYNS WDOV WDCJ all Specials. Maybr I'll be a Dexer yet!

Long time no Muse, hi. DX continues to trickle in occasionally, hi. The stations logged since $9 / 3$ consist of CHOV-1350 10pm on $9 / 3$; PJ5-8CO 6 $6: 44 \mathrm{~mm}$ on $9 / 5$; Radio Jam

 PDRA-1370 © 5:16, all on 9/20. PATR-1320 11:59 pres/orf on 9/29; WHEC-1460 © 12:59am
 pm on 10/17; KIMH-950 a 3am on 10/19; WDON- 1540 5mm s/off, and WKAP-1320 $5: 03 \mathrm{~mm}$ on 11/13. Veries include VXIR-550 for $12 / 62$ report, WGET KSO WQZ WEVD WALK WEBC FIIII for s/64 report, WVM for $3 / 64$ report, and Lisbon-755 with no time, date, or frequency on V/I but Itin still counting it as a verie because I made a recoring of it. Now if I could get up enough interest to re-log Senegal and have my brother translate it and then write the report for me in $T P$, hi hi. Hey F.E., let me know how the $D X$ is from Cistro-land, hi. Will say 73 s and remember stamp out the stamp out 1360 club. Right? Bon B. Schillor - Box 456 - Rormouta Beacn, Nev Jersey
Ten new veries since my last report, to oring the total to 1,401 ; ons new country, Ausm tria:s Wian-1475, pretty QSL for country \#48. Other foreign veries were ACE-1200, one of the most firiendly v/ls ever received, this 50 watter makes \#2l verified from Puerto Rico. And a rare $i / 4 p$ to an LA brought an exceptionaliy good-looking, all SS letter from YVQQ-7ro "Raiio Puerto La Craz", from $\# R$ report of $12 / 2 / 63$. Back and forth in 8 days from iny thisid Venezuelan; I koow quite a few of us heard thom on ER last.jear, so those who didn't receive a verie, I think a f/up to Rodolfo E. Fuentas, Diractor, would be well wortin a try. Other veries were: OBNE WMGO KCND WLMT WJPG WJTC \& WITH. New additions: KMrP /KNBI TESTs in well on 11/2. 11/3, trying to separate a 989 stetion from WIBG (I think it was RNE, and not RLAS) I sturnled upon KWAM, Homphis, Temi., s/off 6. 11/8, took logs on Petofi-1187 at SSS, actually excellent from 3:45pm on. Tinisoaram 755 . in pretty well and // to 854 after 10 pm . $11 / 9$, WDCJ- 1220 TEST booming in. EIDL1528 s/on 4:03 from Santo Domingo, D.R., clear and strong. 11/11, after many tries, Kishinjor, oldavian USSR, copied 7:39-8:30pm // w/Kwor-935, in EE relayint hadio Moscow from 8-8:30 m only. 11/12, found unn CBI rolling o/WRVA at/6:10am, so taking the cue, went to 1110 and found CBD u/WBT. 11/l3, indicative of what kind of CX we're oxperiencing, um WCEC-810 way o/WGY at $3: 50$ pm and unn (and unverifying) CHBS bornbing WBAL at 4 pm . WWOL-1120 for the first time, $4: 09-4: 20$ clear. WGIC-1500 peoized o/WIOP briefly at 4:30. TAs good from the coast, but not ning new added. 11/15, unID FF way. atop 1240 from $1: 18-2: 08$ when I gave up and went to bed, did not break on the acir and half hour, but did converse at $1: 18$ and $1: 38$ in FF, would this be Ste. Hyacinthe's CKES, since :ontreel was mentioned once? Seemed to be RS and not an ET. Have heard FF on 1240 in late ovening but never as well as above. Did find wTAX-1240 s/off 1:57 for a welfome adijition. 73.

Ernest R. Cooper - 438 East 21 Street - Brooklyn, New York - 11226
A fow veries, incluling another now country - Sevilla-684 (varie ays 683, 250w) w/two pennants, one larger than the other, but otherwise identical; MMGO-1370-v/e; KISM-1530 who says KSE: starting 11/15, FCC orders due to similarity w/KYSw, Mankato, 1230, WISZ1590. Also nice latter from WBHE-1230 OKing DX test on 12/21, 3-4am. DX Down the Week 11/11- WINM-970 s/on and RS 5-5:06am atop 970, while acting on an NRS tip to look for same-time s/on of WREO-970, just as welcome, hi. Second report to Sevillam 533 that PM, as first seport went orroneously to Madrid, but Madrid forwarded my letter to Sevilla, and verie ceme from Sevilla, so maybe another one will arrave - for sale, hi. 11/13-
 1350 anons the veral occupants of that channel, 6:15-6:33am RS for a report. 11/16-
 w/Darube Faves Waltz. WTRN-1550 heard s/off f/c-TT 3 3:15am u/CBE. AN SS on 890, unID. Another one also $5 S$ on 1460, AN, dian't seen to be a Casteo-0il station, hi. CBD$1110 \mathrm{u} / \mathrm{KFAS}$ : WBT off, but no data for report. You all know I'm sure WJRC-1510 had an AN ET/M which played havoc w/KABH-TEST, but latter logged with difficulty. I was hoping some Illinowe member might phone WJRC and suggesta short stand-by. None of KABH' mx was recogrizad here, but several announcements made it. WONS 1410 buried $\mathfrak{y}$ an $\mathrm{s}-9$ $0 C$, WPOP's I guess, but they got in, muffled. They're my second wons on 1 iflo, w/the old one one of WPOp's former calls. I surely hope all our local and semi-locel members



590 WBE , Wood River, Jll, S/off 0100, EV Johnsun
620 WTM, Milwukee, Vis. S/off u200 Bob Kolley
940 KIOA, Des Moines, Jowa Sxed.0600-0100 fori-Sut.,0700-0100 Sun., Kulley
950 KORL Dolwein, Iow, Sked wkys 0600-12:00 Mdt., Sun. S/on 0700, Kolloy
950 KOEL " " R/C 2vd MM, 2:15-2:30, EV Johnson
970 WFBr Buffulo, N. Y. sked. 0605 (Sun.0700) to 0200, Johums
1010 CBR Culgury, Alb. AN MH's Johnson
1080 WFO Buffulo, N.Y. Sked. for Nov. duily 7:00 A.-5:00 P. Johuns
1120 WFOL Buffulo, N. Y. Sked for Nov. 7:00 A.-5:00 P. Johumes
1150 आIMA Limu, 0 . Sked Mon-Fri. 4:55, Sut. 5:55, Sun.6:55 to Riduight, Johanus
1150 WYTS Lehighton, Pu. Nov. sked. 6:00 A. (Sun. 7:00 i) to 4:45 F. Dec.4:30p.
1150 MSN Milmukeo, Wis. S/off 0130, Kelley
1190 CBNG Stephonville, NFLD. AN, bost Mi's, Schillur
1220 KOUR Inlopondonco, Tow, Nov. S/off $5: 45 \mathrm{P}$. Johnson
1220 WRMT Kings Mountain, W.C. Sun. S/on $6: 30$ in clour, Hus nico veri. Schiller
1230 KFJB Marchulitown, Iowu. Sked. 7:00A. (Sun. 9:00 A.) to 12:00 Mdnt. Kelloy
1230 WIIA Buffulo, N.Y. Sked. 6:00 A. (Sun.8:00 A.) to 12:30 A. Johums
1260 WVW Grafton, W.Vu. hud test $11 / 11$ (3) 0100, Johnson
1260 WIBV Bollevillo, Ill. S/off 0IO0, Kolley
1270 WCA Gury, Ind. Sred. 0700 to 0100, Keliey
1270 WHRF Rock Islund, Ill. Sked. 0600-0058, Kulley
1270 WHLD Niuguru Fulle, N.Y. Nov. sked. 0600 (Sur.0700) to 5:00 P. Johunus
1280 WGBF Evanevillo, Ind. S/off 0100, Kelloy
1320 KELO Sioux Fuils, S.D. S/off 0200, Kolloy
1320 WWHG Hornell, N.Y. Nov. skod. 0600 (Suv.0700) to 5:00 F. Johums
1370 KyTH Tribuque, Iowe. S/off 0100 Kolloy
1370 CBNE Port uux Busquos, NFLD. 40 whtt.CBC reluy, AN, in clour Miw's at 0300
1370 vTTS Bloomington, Tll. S/off 12:58f. Kolloy
Schillor
1370 wGof Graysan, ty. Nov. skod. 7:15 A.-5:15 P. JuB
1370 WLTC Gustonia; N.C. Nov. e/off 5:15 P. J;B
1410 DOE Minkirk, N.Y. Skod. 5:24 A. to ll:15 P. Johunns
1420 WCED DuBois, Pu. Wirl likely bo AN on M $11 / 30$, (soo noto bolow) I(B)
1440 KMLB Mouroo, Li. S/off 12:58 A. Kolloy
1440 Witify Montgomery, Alu. S/off 1:08 A. Kolloy
1440 KILO Grund Forks, H.D. S/off ut I:08 A. Kolloy
1440 KILO Grund Forks, N.D. had tost lst Sun. Miviight to 12:15; Johnson
1440 WJJL Fiugura Fulls, $1 . \mathrm{Y}$. Wov. sked. $5: 45 \mathrm{~A}$. (5un.7:45) to 5:00 P. Johums
1440 WJPG Gruon Buy, Wis. Sunduy 5/ou.6:00 \&. Schiller
1450 WHOC Chattunoogu, Tomu. is ZN, NSP. Johnson
1450 WPAD Puducuh, Ky. Sked. 6:30 A. (Sun.7:00) to Midnight, Kelley
1460 kSO Dos Moines, Iowh. S/off 0200 duily, Kelloy
1460. WBUC Buckhemon, W. Vu. hud ET (TP MM) 11/1, 1:30-2:00 A., Johnson

1460 TRAD Rudford, Vu. Hud Tre:Ma on 11/9 2:25-3:32, Johunms
11/11 1:25-2:15, Johnsou
1480 WFFC. Jefferson City, Tenm. Sunduy S/on 6:00 A., Schillor
1490 WDXB Chattunoogu, Tomn. is AN. Johnson
1510 TBZB Solme, N. G. Hird on Sun, it 7:00 AM, not surs if ER or RS, JWB
1540 CHFI Toronte, Ont. Sked. 6:30 (Sun.7:30), Off 6 duys ut 5:30, Suv. ut 6:00P.
1550 WII Jucksonville, Ill. R/C ¥st Sun. 1:30-1:45; Johnson
1550 VBSC Bennetsvillo, S.C. R/G 2nd Tue. 0045-0100, Johnson
1570 WAPL Appleton, Wis. Sunduy s/off 5:30 R.
1560 KFitC Bukersfield, Cul. S/off 2:30 A. Kolley
1350 WLOU Louisville, Ky. Sunduy S/on 6:00 A. Schiller
WOTE Monduy, $12 / 30$ is opening duy of Pu's deor souson, whtcle of spociul AN shows from needed Pu. stutions, specially those in northorn \& westorn countios, outery uilds, roud CX , otc.
R/C's hrd us listed in current FG list, 2nd Tuo. WPUV; 2nd Fri. KRWB, HRAJ ,
KOKX, ull by Ev Johnson; 3rd. Wod. MOR, JVB

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\text { Russell Edmunds - Box } 435-4 \overline{1} 5 \text { University P1. - Syracuse, N. Y. } 13210
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Well, folks, greetings from the land of sleep and exams! Things should start clearing up now, as mid-terms are over. That means more time for DX. Nothing new added since last week except for a verie confirming ny fantastic reception of KRLD-1080 as reported last week. The following people can expect letters soon: G. Greene, G. Winningder, R. Cochran, P. Rizzo. Anybody with any information (CM, SC, Sales data, -, bumper stickers, etc.) from any and all stations, please send same to me. If you want SC's or CM's in trade, I'll comply. Anyone wishing plans for conversion of superhet $B C R X$ into $B C X R$ (a la ny outlaw WORM) contact me for schematic and parts diagrams. Construction time: about 1 hour. Veries here: $662 / 3$ \% ( 2 for 3, hí) ! Let's get some V/S in!! All this fantastic DY must be netting SoME veries!1! May have to check WNNN myself. I may be in Hartford 11/26 or $27 /$ 11/28 meeting still unsure, Ernie. Will let you know as soon as I can. Guess that's it for now so 73's from 'way up North where it's warm and dry for a change!!!!
 VERTE SIGNER IIST Russ says he does not have enough for a full page, so he ${ }^{111}$ hold them until there are at least fifty. Also, at the suggestion of quite a few of you members, we have decided to drop the listing of veries "unsigned" and "unreadable". Russ is also going to attempt to abbreviate in order to take up only one line per signature. This may be impossible in some cases, but we feel it is sufficient to use initials instead of a full name where it means an extra line.


COURTESY PROGRAMS COMMITTEE You will note on page 2, Ernie Cooper makes an appeal for volunteers for CPC work. It is my personal opinion that this part of our hobby provides the most interesting and rewarding opportunity our club offers in the way of serving the entire club. I hope some of you will. be able to find the time to write a dozen or so letters in behalf of the club and make a full DX calendar all year long. Contact our chairman, DAVID OVED, 560 GROVER GLEVEJAND FIGHMAY, EGGERTSIIILE,N. Y. 14226.
Don't neglect the DX calendar. This is usually the best opportunity you will have to log a station, and very of'ten the only time you will hear it. A good example is KISM Shakopee, Minnesota. Len Kruse paid KISM a visit on his way back home from the Buffalo convention and learned of the Oct. 26th test program which was heard by a lot of our members. Already this station has changed call letters to KSMM as we suggested in these pages was likely. So, don't pass up the DX calendar. It is the result of a lot of hard work on the part of your fellow DXers. And a could practice is to send a "thank you" card if you are unable to hear a station or if you have no opportunity to tune in.

One advantage of being an editor or publisher is that you get the news a little bit sooner! Last Thursday I noted in the bulletin as I was running it off, WIZR in Johnstown, N. Y. was conducting $e / t$. As soon as we finished running the bulletin I went into the den and tuned up my HQ129X and on the first try at 12:30 p.m. there was WIZR testing. And, the verie letter was back on Tuesday. Also veries in are cards from WMGO WCPC KNBI and letters from WENG KOEL WIZR. Reports off to all on the $D X$ calendar and $I$ 'm sending a tape along to $K A B H$ Midland, Texas 'cause I didn't hear very much to report. WAGM was on a week later than listed in our DX calendar, confirming the information given us by Andy Rugg. WMDD hrd signing on at 3:00 with National Anthem but not needed and too hard to copy. CJCB likewise a lost cause due to Mexican and WKYR Keyser, W. Va. Otherwise the DX calendar has got 100\% reports from me. I really appreciate the fine work of LEN KRUSE and I hope the results continue. Noted what I am sure was Radio Monserrat coming in well at 5:00 on last Monday morning with Spanish speaking station on 890, or rather several stations on 890. Monserrat nice and clear on 885. It is very gratifying to note reports in this issue from numerous of our old-timers and from the very newest members. Keep up this fine spirit and report often. I get as much pleasure from sharing what I know about $D \mathrm{X}$ as in hearing it. There is a great joy in sharing. $\mathrm{I}^{\text {i }} \mathrm{m}$ sure some of you could improve in this regard, and just think how much better it will make the bulletins! LATE NEWS Len Kruse advises KYMN 1520 Portland, Oregon will test Monday, Dec. 7th. 3:00-14:00 a.m. EST 50kw. Formerly KCON. James Jobes, CE \& more dope later.
TNTERMATIONAL DR DIGEST November 21, 1964
Editac Jy John Cailarman, P.0. Iox 1914, Parma, Texas 79066
FOREIGN CONLEST
Manager: Ben Dangerfield. 202 Governor's Drive Chester; Penna. 19013EASTERN SECTIOR:

1. Dangerfield, Pa.: Begins with I. Caroline-1520; SLBS, Freetomn; SDR, Muhlacker; R. Vallees dtAndorre ..... 69
2. Schiller, N.J. : Besins with Montserrat-885; WISS, Roseau; R. Caroline-1520; Daventry-64? ..... 52
3. Schatz, Fla. : Berins with Monte-Carlo; Lisbon-665 ..... 36
4. Penistion, N.J. : Desins with Belize; Barbados; RJR-770 ..... 32
5. Marbach, N.Y. : Begins with TIRICA; Earbados ..... 26No entries yet from Fela, Rugt, Parsons, Tweede, Holbrook \& Hoffman.oEnmRal section:
I. Semrad, Wis. . Begins with KORL; PJB; Belize ..... 65
6. Callarman, Tex. : Eegins with KANU; KORL: TGRT ..... 50
7. Conrad, Ky. : Begins with Barbados ..... 18
8. Wheel.er, Fa. : Begins with PJ ..... 18No entries yet fron Hathaway and Lutzenberger
WESTERN SEOTION:
9. Millar, Wash. : Begins with Monte Carlo; DBC-l2?4; VOA-Tietnam; TIRTCA; FJB;108
10. Fox, Yukon : Begins with ZCO; JCBE; LZB ..... 66
11. Freeman, $\mathrm{C}_{2}$ Iif. : Degins with JOHK; Senegal-764 ..... 58
12. Wilkinson, Cal : Begins with FJE ..... 19
No entries yet from Kenney.NOTE: Since the fee deadine was November 15th, there may be nore contestants; morestandings in a month. Official NRC country list is in use. And let's modify therules to remove lo-point limit on distance points.
WHAT I S HARD540 NEXCO. XEWT ??? Zn Sonora, definite on call - on most recent reception washeard with SO signal with s/on 0645 ; gave call four times; plenty of SI, theonly thing I missed was City - En Sonora, Radio Granades en Sonora, male annor,played Anerican march music until 0700. (Stone, Ont.)
548 ASTATIC RUSSIA. Vladivostok. Loud and clear (S9) at 0440 11/9. Best ever hrd. (Wilkinson, Calin.)
566 IRETAND. AthIone, heard well several times of late between 1800 and $1830 \mathrm{~s} / \mathrm{of}$. The time they leave the air varies by a few minutes; up to 1834 or so. S/off with anthen, Reception erratic here. (Robie, Mass.) WEST BERLIN. Sender Freies Berlin, S6 2140 11/6, parallel to 575 and 593. First time heard. Tuch woaker than the big ones. (Hoffman, N.J.)
575 UNID. German station heard fairly well here between 2200 and 2300 , but don't know which one it is. Muhlacker? (Robie, Kass.)
584 SPATM. R.N.E., Madrid, in well any evening pricr to 1900 or after 2200 . Should be one of the casiest for anvone needine Spain. (Robic, Mass.)
625 COSTA RICA. TIRICA, Ia Voz de la Victor, San Jose, fair with quict music. at 2330 11/6. (Leamy, Pa.)
629 ASIATIC RUSSIA; Khabarovsk. S5-6 at 0445 11/9, not in parallel with 548. (wilkinson, Calif.)
635 KORLA , HORTH. R. Fyongyang outlet wes 56 at $0450 \mathrm{11} / 9$; parallel to 655 ke . (Wilkinson, Calif.)
638 CZECHOSLOVAKIA. Prague is the stronger of 2 TAts heard here 11/0 1545-1600; also positively IDed R.N.E.-San Sebastian, SPATM. No sign of Cyprus. (Dangerfield, Pa.) Signon 2227 with interval signal consisting of chords such as a harp or similar instrument. Time pips at 2230 followed by news. Fair signals. (Robie, Mass.)
640 CHINA. R. Peking outlet $57-8070511 / 9$; first time this year. (wilkinson, Gal.) CUBA. CMQ, Habana. Has been broadcasting R. Mcscow Spanish programing during the daytine. Annor has Castillian acent. On all CMQ stations. (Miller, Fla.)

647 ENGLAMD. B.B.C. European Service, Crowborough, is one of the most consistent B.B.C. stations of Jate, best before 0100. Had interesting talk on how to build "aerials" (in English) on 11/7 around 0045. (Fela, N.J.)
SPAIN. A Spanish station was heard beneath BEC Third Program on $12 / 7$ at 1545 and on 11/8 was heard signing off 1916 with Spanish National anthem. (Dangerfield, Pa.) E.B.U. Iists R.N.E. Sevilla here, in addition to 683. (Ed.)
650 UNID. English speaker in briefly around 1650 , silightly accented, and modulation too poor for a U.S. station; lots of WSM QRI; looped right for BLBC, suspect it's them. Noted 11/10. (Nelson, Nass.)
655 KOREA, NORTH. R. Fyongyang, believed to be station heard from 0510 to 0600 Suncay, $21 / 8$; very clear in Oriental language and music, with flutter fading; thanks to Gordon Nelson. Now, getting a verie is another matter. (Dangerfield. Pa.) Noted parallel 635 at 0450 21/9. (Wilkinson, Calif.)
665 TCELAND. Eidar was probably the station heard cleariy under Iisboa 11/7 19452000 s 7 off, as the very same program was heard on 737 kc . under Barcelona, and the language was completely unfamiliar. (Dangemfield, Pa.) EITHUANIA. Vilnius, strong 2340 13/6. (Hoffman, N.J.) FORTIGAL: CSA2, Lisboa I reported on prepared card; heard 11/8 from 0202-0212; only 10 minutes, but enough for a report; at the time, $B E C-1414$ was barely audible, but Dakar-764 was as strong as ever heard. (Freeman, Galif.) Loud and clear most evenings. Seens to s/off at 2000. (Leany, Pa.)
670 JAFAN. JODK, Osaka, was $S 8-9$ most of the AM on $11 / 9$. (Wilkinson, Calif.)
683 UNID. Being heard some nights, a station signing on at 2215 and p aying occasional Oriental music; liz es with Belgrade for awhile, then fades away Think this may be Nairboi, KENYA, ith Hindustani service, as there is also a sign-on signal (unreadable) on 863 kc . at the same time. (Dangerfielc, Pa.)
685 GUATEMALA. TGRT, R. Fabulosa, Guatemala, blasting in here 2100 with ID as "La emisora mas moderna del pais," U.S. style breaks, etc. (Miller, Fla.)
690 CUBA. CMBC, Habana, is all night, guess no silent period. They're stronger than CBP here half the time. (Fela, N.J.)
695 UNID. Weak English here; possibly Roseau, but too weak to cony with any ID. (Leany, Pa.)
707 UNDD. Arab spoaker nightly to s/ofe 1835; not parallel to Cairo or Agadir; loops Cairo-Cyprus-Baghced area; may be scheduled new 100 kw . Jordani or Kuwat transmitter. Worth trying to find a shortwave parallel. (Nelson, Mass.) Starts to come in around 2240; at 2330 the music was noted as being Arabic or African. This was 11/11. (Dengerfield, Pa.)
720 COLOMBTA. HJAN, Barranquilla, clear Spanish s/on over Cuban at 0559 11/10; WGU Carrier hit at 0600. Tuesday only AM WGN off. Prior to HJAN on, Cuban over weak SS till 0546 when carrier w/200 eycle beat added. (Hansch, Wis.)
725 UNTD. Noted 1I/12 at 2243 with "Aqui Columbia" but not able to get call. (Hansch, Wis.) TIIX, Radio Columbia, San Jose, COSTA RICA listed here. (Ea.) Unid. IA around 2230 11/8. Who? (Fela, N.J.)
737 ICELAND. Akureyri, quite probably the one logeed under R.N.E.-Eercelona on 11/71945-2000, as carried exactly the same program as heard on 665 under Lisbon. (Dancerfield, Pa.)
ISRABL. Tel Aviv. Believe this may be the station heard signing on here with interval signal at 2255; woman speaks briefly at 2259, followed by man in Arabic at 2330 ; fair signal for about 5 minutes after this, thon gradual fade. Heard a couple of times, and I have Grodon Nelson working on it to get a bearing with his loop ... which may prove me all wrong, hil (Robie, Mass.) SPATN. R.N.E., Barcelona, has been signing on here every night at 2255 with a new lo-note interval signal; when first hecrd it, had visions of Lourenco Marques, but no such luck; definitely Earcelona. Scope shows another station also signing on at 2255; this may well be ISRAEL, which though scheduled to s/on 2330 , has been coming on at 2255 on its shortwave parailei. (Nelson, Mass)
746 HOLLAND. Hilversum I. Fairly well heard recently until? s/off at 1800 when clock strikes 12 and anthom is played. (Robie, Mass.) Excellent signal 1630 on 11/7; first time heard here in the afternoon. (Sampson, N.J.)

SYPTh. Aleppo 2240 11/6, new for me, weak. (Hfsiman, Ti.J.)
UNID. Weak s/on et 2230 on $11 / 9$, somded like Arabic lemage but was almost unreadable and faded out shortzy thercafter. Wy thoucht is that this was Damascus, SYRTh, as a weaker signal also noted on 785. (Dancerfield, Pa.)
750 JAPAN. JOIB, Sapporo, with news in Enclish 0455-0500 $11 / 9$. (Wilkinson, $C_{a l i f}$.) that outlet pretty rough due to 855 ORM. (Schilier, N.J.) Heard with poor sisnals after 2200 sone nights; still waiting for verie on $9 / 18$ report. (Robie, Mass.) Is on before 2230, but interval sienal at 2300 didn't check with one listed in WRF. (Sampson, N.J.)
760 CHINA. R. Pekine outiet 10 DB over 59 at 0710 11/9; No WOR yet. (Wilkinson, Colif.)
764 IRAQ. Deghdad, faded in with chanting right after $2200 \mathrm{~s} /$ on $11 / 5$ and $11 / 6$, thanks to tip from Gordon Helson. (Robie, Mass.)
SENEGAL. R. Senegal, Dakar, noted weakly at. $034511 / \%$, before engulfed by WABC about 0lion. (Sampson, N.J.) Heard every evenine prior to 1900, but not with the termific sitgal they were puttiag in carlier in the year. (Robie, Nass.) Iogged briefly 0200 11/5, with interval sienal, then man speaking French. Still not enouch to warrent new report; that of last spring unanswered. (Millar, Wash.) Good from $0050 \mathrm{~s} /$ on to 0230 when it faded; uses native crums as I.S. (Leamy, Pa) UNID. Odessn, UKRAINE? Under Iraq $2335 \mathrm{11} / 6$. (Hoffman, N.J.)
770 COLATJI. HJJX, En. Monseratt, Bogota, believe this station now here, back on Prequency. (Miler, FIa.)
773 U.f.R. Cairc, still heard quitc frequenty before and after 1800 with good siznal. Guess Ill. send another eport to see iin Hy luck has changed. (Robie, Mass)
780 PUERTO RICO. Bamey REl, noted with bood signal $0500 \mathrm{~s} / \mathrm{on}$ Monday $11 / 9$. (Dangerfield, Pa.)
782 PORTUGAL CSEG, R. Clube Portugues, Miramar, s/on is at O200; sometimes so strong they make reception of WBM difficult. (Fela, I.J.) Batting with lyA at 0330 11/9, fantastic 10DD/S9 at 0200. (Conrad, Ky.)
UKREMNE. Kiev, tentetive parallel to 935 and $665230011 / 6$ (Horman, N.J.)
785 ROEEA, NORTF. R. Fyongrans outlet not as good as 655 or 635 sane AM. (Wilkinson)
795 BREDDOS. R. Barbaods, Black Rock, m/Lord's Prayer 0503 11/9. Tremendous signal. (Wilkinson, C Clif.)
809 SCOTLND. B.E.C., Westerglen/Durghead in well 10/30 around 0200; this was a Eriday A when wGY was off. (rela, N.J.)
810 FJETO ETGO. WKVIT, Sen Juan hoord $10 / 30$ s/on $0439 \frac{7}{2}$ and on $11 / 6$ at $0425 \frac{1}{2}$ with Star Snancled Eamer, English ID, Spanish ID, and Spanish Progran. (Johanns, NY)
818 ADORA. R. des Vailees and sombody else at oz00. Cairo? Very strong. (Conrad) U.A.R. Eatra, generally has an excellent sigmal at $0000 \mathrm{~s} / 0 \mathrm{n}$; hope they verify. (Samson, N.J.)
820 MEXICO. XESE, Senta Barbara, Chih. was clobberine WFat until 2105 s/off 11/9; Reported again as no answer last season. (Freeman, $\mathrm{C}_{\mathrm{a}} \mathrm{lif}$ )
827 BJIGARTA. Sofia is prokebly the CA overriding DAJl with OC 2315; 11/12; testing with square waves (honest!) at 2320 ; woman cones on in unfamiliar lanfuage (Scheduled to be Macedonian) at 2330. (Ne1son, Mass.) Logred arcund 2330-0015 on 11/7; interval cienal doesnt agree with WMil, but got definite D. (Sampson, N.J.)

830 JAPAN. JOEE, Osaka, strong all AM on $11 / 9 ;$ should be heard in East. (Wilkinson)
834 Br. FCNDURAS. R. Belize, good to exceline mast evenings. (Leamy, Pa.)
836 FRNCE. Tancy, noted $11 / 9 \mathrm{Cl30}$ paralle1 0h4, 863, 1205 \& 1376. (Conrad, Fa.) Eoming in at $1600 \mathrm{Il} / 7$; no sich of Lebenon latur, unfortunately. (Sampson, N.J.)
845 JThLy. Roma II $2300-2330 \mathrm{ll} / 7$, anone others, Enclish language noted. Ecth lady and man announcer; multi-lingual., I believe, but not at a readable level; aparently AM. (Fillar, Wash.) S/ofe with Engish TD 0030; s/on 0kls in Italil. (Conrad, Ky.) Blastims here 2130 at rom-filline level. Loviy th sienal, plays good masic. (Miller, Fla.) Fair 1740 to 1800 11/1. (Siegel, N. T.) AN with good level most every svenire. (Sampson, N.J.)

854 RTMAMTA? Seemed to ke prallel with 755 but heavy Quif frow soncone else plus a lousy signal preciudeč anyihing pusitive. (Sampson, N.J.)
863 ARMENIA. Erevan, s/on $210011 / 6$, TD a belintike sone; parallel to $935 \& 665$; Never over 56 ; new for me; Country $\# 69$. (Hoffman, N.J.)
FRANCE. Paris parallel 336, 944, 1205 \& 13760130 11/9. (Conreci, Ky.) DNID. While trying for Amenian S.S. $\overline{\text { In }}$, again (to get better log) anothor station was heard signirg on at 2215, and I think it may be Nairobi, KENYA. Nothing readable yet, but worth lots of efforts. Heard various nights. (Dangerfield, Ea.)
872 SPAM. EANOI, Zaragoza, poor simnal after 1700. (Robie, Mass.)
881 UTD. In Enclish, suspect Wales; light soap opera at 0300 11/9. (Conrad, Ky.)
885 WNT . Heard Spanish believed to be Yexicen about 0830 , apparently a daytimer, or an image of sone sort. (Freeman, Calif.)
890 DOM. REP. HIPJ, R. Popular, Santo Domingo, ney stetion on the air, s/on Monday 0456 , anthem and calls given; starts of f ith extremely nationalistic progrem; strong signals, (ialler, Fla.)
JAPAN. JOHK, Sendai, was S7 at 0520 11/9. (Wilkinson, Calif.)
TVIT. Het noted on TIS in late afternoon. Alceria operating off frequency? (Sampon, N.J.)
900 UND. Japanose heard here for $\varepsilon$ few minutes on A. 1 . of 11/9. No D. Too much T.S.A. (Wilkinson, Colif.)

908 ENGJAM. B. B.C., Erookman's Fark, another roguler often heard at its $0135 \mathrm{~s} / \mathrm{on}$. Surprisincly clear next to 910 , a graveyard channel here. (Fela, N.J.) UNTY. Who siens on here at about 2300 - too much 910 slon to copy. (Sampson, NJ)
917 TUCOSLAVIA. Ijubljana, good sitmals around 2300 s/on and later 11/7. (Samson) UNID. Still driving me batty. Is this Mozambique? Could be Porturuese. Weak; s/on 2300 , proceded by cuckoo interval sicnal. Neither time nor signel acree with WRE for Mozambique, however. (Hoffman, iv.J.) Poor signal 1828-1850 with classical music 11/7. (Siegel, iN. . .)
926 BELGIUM. R.T.E., Erussels, log report out for $11 / 7$ reception; also very good 11/9til 0300t. (Gonrad, Ky.) Often strong enough to override WDAT slop at 0100 s/on. (Sempson, N.J.)
935 UKRAINE. Ivov must be the stotion fadinc in and out soon after 2130; reception brief and not encugh for report. (Robie, Mass.) Parallel to Kishinev. 11/11 1933m 2031, but even tcurhor due to 930 WRAT QRM. (Schiller, N.J.) Strong 11/6 from 2130 on; SO on peaks; USSR Ieader here. (Eoffnan, N.J.)
940 JAPAN. Several Japanese stations heard here on A.N. of 11/9. Mixed too much. Will try again. (Wilkinson, Celif.)
944 FRANCE. R.T.F., Toulouse, noted 1130 1I/9 parallel $836,863,120581375$. (Conrad)
953 SAIN. EAJ29, R. Continental, Madric, scunds like xylophone interval signal plus harp! Sent a tape to then, $10 \mathrm{db} / \mathrm{S} 9$ at $010011 / 9$ with U. S. music in Spanish. (Conrad, Ky.) I believe they still s/on at 0100, but by the time they hit the air, the carrier is Iittle more than a het. (Fela, N.J.)
960 BERMUDA. ZFBI, in with very strong signal 0100-0200 11/11; clear ID 0100; with a program of semi-popular music and some advertisements. (Burket, Pa.)
962 TUISIA. Tunis II 1735-1800 11/8 in Enclish. (Siegel,N. Y.)
UND. T.A. het heerd meny mornings, but rarely breaks through. Did hear them giving exercises one morning around 0045 , but not sure of language. (Fela, N.J.)
973 SAKHiLMSK. Yuzhomsakhalinsk, S5-6 at 0515 11/9. (Wilkinson, Caif.)
998 MOLDATTA. Kishinev, rough but logeable II/11 1933-2031, EnElish from 2000-2030 only, as near as I could determine, relaying shortweve Redio Moscow. (Schiller, N.J. Foard 11/5, but not until 2310. Weak, arallel to 665 at times. (Hoffmen)

1000 CHMA. R. Pekine outlet heard all morning 11/9. (Wilkinson, Cglif.)
NEW ZEAJAND. 1ZD, Tauranga, first D/U for me, $0330-0400+$, $10 \mathrm{db} / 59$ si a surprise. (Conrad, Ky.)
1010 NETA. NNTIITS. PJC7, R. Hoyer, Willemstad, Guracao, a powerhouse here Mondays at 0430 s/on; programing in Papamento; firl announcer, Latin records. (Miller, Fla.) One of my favorites. 5 years ago, played J.S. cad tunes at this time. (Ed)
1020 DCM. REP. HIJP, R. Comercial, Santo Domingo. Strons with news and local ads at 0530 over KDKA. They ${ }^{\top}$ re a féw CPS off frequency. (wilier, Fla.)

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November 21, 1964
1020 GUMTEMATA. TGUX, R.Panamericana, Gutemala, good under KDKA TI and KGBS with Emlish 11/8. (Ieary, Pa.)
1030 MEXICO. XEQR, R. Centro, Mexico, D.F. Found well atop WeZ $11 / 15$ 2130-2150 for log on notorious non-verifier. wiz usually tops here. (Callarman, Texas)
1030A INIL. WWTESS. R. City, after mowing around 1015, etc., now heard here. Is ex-Radio Sutch. (Patrick, ENGLADD.)
2034 ESTCIIA. Tallin I with two-tone gong IS at $2400 \mathrm{II} / 7$ after a prorram of very fine music, lady announcer. Not relayins Radio Moscow. (Millar, Wash.) UMID. Talin I, ESTONLA3 Believed paraliel to 9352300 11/6. Not sure at all, however. (Hoffman, N.J.) Roy's tape very good, used on WRUL show 11/21. (Ed.)
1035 UnID. tre pecyle finding an open carrier here after Panana sims off around 2200? Noted here several times as late as 0100. (Freeman, Calif.)
1040 CHINA. R. Pekine outlet, most powerful of all Chinese stations. This one should be heard in the Mid-West and the Eest. (Winkinson, Calif.)
1043 MOROCCO. R.T.M., Sebarmioun, at 1640 on $11 / 8$, the East Cerman station was on top, but right underneath and quite clear was a Moroccan, in French, and para11el to 701. (Dengerfield, Fa.)
1061 DENMARK. Kalundborg is apparently now carrying Progran I; good nighty; OC s/on 2345; man cones on in Danish with news at 0000; pon music later. Norte II puts $0 C$ on about 0009 and messes up the channel rather badly. Female announcer has very $\operatorname{bexy}$ voice -i anybody remember Marianne from $D_{a n i s h}$ SN service years ago? Like her (Nolson, Mass.) A big break for those searching this country. (Ed.) PORTUGAT. Norte IT 180L-1822 II/1 in English. Severe WRCV QRif. (Siegel, N.Y.)
1075 COSTA RTCA. TIFC, Faro del Caribe, San Jose, has Ens lish at 2200 religious proframs, address is Box 2710, San Jose. (Leamy, Pa.) Iieard around 2330 11/8 with Enclish religious procraming. (Fela, N.J.)
1079 SPAIN. EFEIL, Madrid, in very clearly at $2130 \mathrm{~s} / \mathrm{off}$ on II/11. (Dangerfield, Pa.) A Swedish DX'er has verified him here. (Ed.)
1097 CZECHOSLOTAKIA. Dratislava. Heard several times since $10 / 30$ around 2300. is a rule signal has not been good here. (Rotie, Mass.)
UNTD. At 00006 pips, followed by a man's voice, then a female. singings whot Didn't have the Czech sound. Wore like I.B.C., but they ${ }^{\text {ret }}$ 1080. (Conrad, Ky.)
1100 JAPAN. One of the four NN A B" stations logeed here from $0605 \frac{1}{2}$ to $0630 \mathrm{Tl} / 9$ g Maybe they can claar this up for me. They had a lively "rock and RoII" program during that period. (Wilkinson, Calif.)
11.03 COLOMBIA. R. Reloj noted 2300 il/8 and all-night. Which one has movedr Definitcly scparate from 1100. (Conrad, Ky.)
1106 GERNM F. R. A.F.N., Munich. Fair with election returns 0030 11/4. (Siegel, N.Y) Stuttgert is now on 1742, Munich on 1106. (EC.)
1115 NICARACUA. YNL, Chinendega, elear ID at 2330 11/8. (Conrad, Ky.)
 for another try at a verie. (Freeman, Calif.)
1151 ENGIAND. B.E.C., Stagshaw, logged even through local WDEL at 1845 on $11 / 8$. (Danserfield, Pa.)
1165 SWAN I. R. Americas, gave QTH P.0. Box 352, Miami, Fla. $10 / 27$ and starts 0455 , Erelish ID, then Smanish ID for 5 minutes, and English sign-on 0500, followed by Spanish R.S. Logged till 0555 for INEO-report. (Johanns, N.Y.) Answering your question, Ralph, QTH means "location, "QRA "hame of station." (Ed.)
1178 SWEDEN. Forby, finally logged for lst time 11/7 1550. Country \#70. (Hoffman, NJ) UNID. Booming het, but couldn't find any signal 11/12, 0605-0620. 1180 had ToA and whit, but no jamner. Doubt if it was jammer off freq. VoA more likely, from Okinawa, but when do they s/on? Got to work on this one. (Schiller, N.J.) I/on now 0500, Rort, but note below. (Ed.)
UNID. On 11/0, station in English with woman announcer 2153-2203 face-out; played "Jiva" (Al Hirt) and a cow record; tremendous het makes me believe it 1 : was undoubtedly a Th. Dunno if Sweden or ??? South Africa listed for Comm. Ste. s/on 2200; believe they're not English. Guessing it's unneeded Sweden. (Schiller, N.J.) (Farther below) (Ed.)
UNID. Sounds like a jamer here ... is 2 kc . 1 I kc . ewdy from WHAM .... Is this Cuber? (Sampson, N.J.) Than what? (Ed.)

IID7 HUNGARY: Petofi, excellent signals, but hard to. ID opera music, $1547-1745$ off and on, best ever heard. (Schiller, N. J. .)

1196 CERMAN F.R. VOA, Munich, with VOL Breakfast show $11 / 7$ \& $11 / 9$ very clear. (Conrad)
1205 JUTD. Too weok and too early for Bordeaux. 2245 nighty SL+. Foland? (Hoffman) WHO on before Bordeaux? Strong, but not enoug to overcome WOAI/WCAU. (Conrad)
1214 ENGIAND. B. D. C. noted til 2100, didn't, know they ran this late. (Sampson, N.J.) Foor signal 1815 11/7. (Robie, Mass.)
1235 BERMUDA. ZBMI, Hamilton, good most evenings; have sent third report, still no verie. (Learny, Pa.)
1250 ASIATIC RUSSIA. Khabarovsk, was 57 at 0555 11/9; Kremlin chimes heard at 0601. (Wilkinson, $\mathrm{C}_{\mathrm{a}}$ it.
1268 YUGOSLANIA. Novi Sad, first time loged; definite ID 2315 11/7; weak but in the clear. (Hoffman, N.J.)
1286 CZECHCSLOVGKIA. Prague, heard often now with s/off trumpet IS at 18303 also at 2230, excelilent signals on some occasions. (Robie, Mass.)
1295 EMGLAD. B.B.C. Growborough. In European service, very strong 11/9. (Conrad, KY) Cood signal prior to 1800 on $12 / 7$. (Robic, Mass.)
1313 SPATN. EAJ39, R. Miramar, Badelona, logged at $2300 \mathrm{~s} /$ on 11/7. (Hofman, N.J.) Iisted 500 watts. Nice go. (Ed.)
UNID. T.A. at S5 level in 10/29; also noted a few other occasions. Time: 0030w 0100. Who? (Fela, N.J.)

1322 UNID. Someone here at 2101 11/7, probably Leipeisg a signal noticed this early every Saturday night, almost. (Dangerfield, Pa.)
1358 UNID. German station heard from 1750 on; News in German at 1800 ; fair to poor sienal 11/7; Which one might this have been? (Robie, Mass.)
1370 JhelN. JORD, Kochi, with progran in English from 052h to 0547 on 11/9. (Wilkin son, Calif.)
1376 FRANCE. Lilie 0130 11/9 with parallel program on 1205, 944, 863, 836. (Conrad)
1457 ENGLAND. T.I.C. West Regional, Clevedon, good signal at 0345 on 11/1. (Robie) Also logfed in Kentucky. (Conrad.)
1466 MONACO. 3AM2, Honte Caxio, always good here. (Conrad, Ky.) Now s/on 2400, time chanced over a month ago. (Fela, N.J.) Ole faithful puts in good signal here at 1530 now. (Sampson, N.J.)
1480 PUERTO RICC. WNDD, Fajardo, logged sponadically $11 / 15$ on NIRC DX show, tough through KDOX and electrical buzz. (Gallarman, Texas)
1502 POJMD. Very strong in French, English and Spanish 1720-1800 11/7. (Siegel, NY)
1510 CHIMA. R. Peking, outlet, heard and logeed from $0633 \frac{1}{2}$ to $0658 \frac{1}{2}$ on $11 / 9$; a new ono for me. (Wilkinson, Celif.)
1520 INTX. WATERS. R. Caroline, noted as late as 0330 several Mondays aço. (Sampson, N.J.) Going strong at 0435 on Monday, $11 / 9$, atop the frequency. (Jangerfield, $P_{a}$ )

1528 DOM, REP. HIDI, R. Pueblo, Santo Domingo, s/on Monday 0402 clear ID and slowly, if you cen believe it, in Spanish; very strong, and 1530 wide open. Noted $11 / 9$. (Schiller, N.J.)
1529 VATIGAN. Cne of the better signals in the late afternoon, around 1630 or so. (Sempson, N.J.)
1530 PUETO FICO. WUPi, Utuado, was probably the station withStar Soangled Banner at OLOO Nonday $11 / 2$; signal didntt last very Iong, and was quite weak; KNDI-TEST QRM too. (Fela, N.J.)
1546 ENGLAND. B.B.C. Third program, $1806-1815 \mathrm{~s} /$ off? $11 / 8$ parallel to 647. (Siegel, N.T.) Eaj says most powerful transmitter on this channel is Divis. Northern Ireland, with 5 kw . (Ed.)
INID. On 11/8, day of tremendous T.A. activity, station iniussian 1625-1630 (Think it might have 5 /off then) nothing else heerd until 1705 , but this was B. B.C. then. Guessing the former to be Earanovit ji, BYEIO RUSSIA, whe is listed to $1700 \mathrm{~s} / \mathrm{ofe}$, because $\pi$, doubt that B.3.C. would be munning fussian with only 1 kw. Needs worki (Schiller, N.J.) Note above power fron EDU. (Ed.)
1562 INTD. $0105-0200$ io/31 in Tritch, pop music, very strong. (Siegel, N.Y.) Sounds Ijie R ${ }_{a}$ dio Veronica, International Waters, Marty. (Ed.)

IDYD Pace 7
I570 MEXCO. XEAE, Cd, Acuna, Goan. noted $21 / 15$ 2055-2130 with XRRF-type programing. Apparently, XERF is finally dead, with XEAE moved from 1600 to take over. Not nearly so strong as XERF used to be. This must be yours of 1590 A a couple of weeks age, H.L. Chadbourne, instead of on 1600. (Gallarman, Texas.)
1578 UNTD. Weak s/on 0100 11/7. Norway? Who? (Sampson, N.J.)
1580 COLOMBTA. HUAY, La Voz de la Cordialidaci, Galapa, now here AN with R.C.N. prom graming. (Piller, Fla.)

VERIFICATIONS...
620 CAMLI IS. R.N.E., Tcnerife, received a quick QSL from the new RNE station; Schedule 0300-1900 daily with 100 kw . (Patrick, Encland)
890 AJSTRALIA. SAN, Adelaide, S.A., sent fine letter confirming recention of $9 / 24$. My most distant verification, about 7900 miles. Sixth verie of the season (out of 25 reportod) and zy chance one from each continent. (Freeman, Calif.)
1165 SWAI IS. F. Americas, F.O. Bcx 352 , Miami 1 , $\overrightarrow{F l a}$, sent $v / \mathrm{q}$ specifying 1165 kc . 10/27 \& gives (typed on) sked: 0500-0830 weekly (POT Sun) \& Dajy: 17000230 EST. Signer, Gerber McBeath. Beck in 77 days. (Jchanns, N.Y.)
1200 PUETTO RTCO. ACE, Fort Brocke, nice letter Irom M/Sgt Hel Longfield, station managar, saying that while they usually go off at 2300 , they were all nighting the night I heard them ( $8 / 23$ ) with hurricane watch. Says is only 50 watts, no parallels, no relays. That's 34 miles per watt from Wateriow. (Nelson, Mass.) Long, friendly v/1 in; Longiield just took over as manager. $\mathrm{S}_{\mathrm{a}} \mathrm{id} 50$ watt into a 100' towor. Address: APO 09851, Fort Brooke, San Juan, P.R. (Heard twilight $9 / 15$, o/u YVOZ, before WOAI in.) (Schiller, N.J.)
1214 ENGI.AND. B. B.C. Sent air mail letter with BEC card for recertion of $10 / 30$ \& 31. Says 10 transmitters and I presume that the bulk of the power is in England though some transmitters in Scotland and Northern Ireland, sc am counting as England. Country \#lthe. (Freeman, Calif.) EBU shows the following, with powers: $^{\prime}$ ENGLAND: Brooknans Park, 60; Moorside Edge,58; Newcastle, 2; Plymouth, $\frac{1}{4}$; Redruth, 2; SCOTLAND: Burghead, 20; Redmoss, 2; Westerglen, 50; NORTHERN IRELAND: Lisnagarvey, IO; Londonderry, $\frac{T}{4}$. lhy own criterion is simply "Highest powered transmitter." But each individual can establish his own criteria, methinks. ) Doubt that total power would have cumatative effect. (Ed.)
1475 AUSTRIA. Wien, nice QSE from Cesterreichischer Fandfunk, makes it country Al $_{4} 6$. (Schiller, N.J.)

SCHEDUIES, FREQ. CHANGES,NEWSTATIONS, TC.
800 NETH. ANTIUES. PJT, Donaire, relays R. Nederland $2330-0020$ in Spanish; 0020 0040 in Dutch; 0040-0130 in Enelish, all GlT. A Dutch-by-ieadio "Course At starts January 1965, and material from lessons (if you enroll) from $R$. Nedorland F.O. Box 222, Hilvorsum, HoIIand. (Johanns, N.K.)

985 INT. WATERS. R. Invicta, has been heard on sevoral occasions on this channel; usually 980. (SCDxif03)
1320 AUSTRALTA. LWA, Namour, Qsld., opened 10/9 with2 ln night and day. Schedule is 1430 to 0700. Conmercial; a member of the Maroochy Broadcasting Company, Ltd., and mailing address is P.O. Box 279, Nembour. (iZDXT)
1500 NEW ZEALAND. 12A, Taupo, has been allocated this channel. It is expected to be on the air by early next year. Schedule not yet decided. (NZDXT)
1510 IVIT. WATERS. R. Caroline North has been heard testing this frequency after end of regular scheculed programming on 1520. (SCDX\#783)
1594 ISIE OF MAN. R. Fianx, with 50 watts, now tosting. Uses 1 kw. on FM. (Patrick)

ROX PATRICK, Derby, England, says "Here we are again. Plenty of DX coming in durins the past week arcund 0000 GMT ( 1500 EST). WNEC-660 heard 10/30-11/1; WOR-

- 710 Eurcpean QiAI, ctherwise good; Dakar-764 gocd simnal after Sottens soff; PU3-800

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November 21,1964
ARMED FORCES KOREAN NETWORK (AFW) Revised and corrected schedule dated 9/10/64:

| Freg. | Power | Antema Ht. | Call |
| :---: | :---: | :---: | :---: |
| 560 | 5000 | 330 | F. Vagabond |
| 1160/1440 | 250 |  | Aiternate to above |
| 580 | 1000* | 200 | R. Kinroy |
| 1040/780 | 1000\% | 200 | R. Homesteader |
| 560 | 1000\% | 160 | R. Cavalier |
| 1440 | 1000 | 130 | R. Mercury |
| 1360 | 1000 | 110 | R: Comet |
| 1200 | 1000 | 200 | I. Bayonet |
| 1400 | 1000 | 160 | R. Gipsey |
| 1040/1480 | 1000 | 50 | R. Taejon (Re) |
| 1750/1040 | 1000\% | 110 | Chunchon (Re) |
| 14.40 | 250 | 65 | Wonju (Re) |
| 1150 | 250 | 65 | Ktranju (iae) |
| 1160 | 250 | - | Kwandaer1 (re) |
| 1510 | 250 | - | Pohang (Re) |
| 1510 | 250 | - | Kangnung (Re) |
| 1750 | 250 | - | Che jurdo (Re) |
| 1510 | 250 | - | F-Y-Do (Re) |

Location
Taegu (Camp George)
Fusan (Hialeah $\mathrm{Ca}_{\mathrm{a}}$ mp)
Munsen-ni
Kunsen (Air Base)
Osan (Air Jase)
Tongduchon (Camp $\mathrm{C}_{\text {asey }}$ )
Unchon-ni (Camp Kaiser)
Taejon (KMAG Det G)
Chunshon (Carm Pace)
Wonju (Camp Lone)
Kwanju (MAC Det C)
Kwandaeri (KMAG Det C)
Pohang (4ith Eng. Battn)
Kangnung (AFAC)
Cheju-do Is Mosulpo (AFAG)
Pyangyang-do Is (AFAG)

* Authorized 5 kw . Re -- Mebroadcast

ADRRESS: Engineerine Officer, AFKN, APO 301, San Franciscc, $C_{3}$ Iif. RETUFN POSTACE IS REQUIRED WITTH AIL REPOTTS. (New Zealand DX Times)

FINE JOE, Gang, and an ever larger gang it is, too:
I. Roger Burket, 1213 24th Ave., Altoona, Pa. 16601
2. Jerry K. Conred, 712 Sce Limestone, Lexington, Ky. 40500
3. Ben Dangerfieid, 202 Governor's Drive, Chestor, Pa. 19013
4. Joseph Fela, Jr. 167 Goodwin Ave., Nowerk, N.J. 07112
5. Clarence H. Freemen, Box 12, Hughson, Calif. 95326
6. Ross Hansch, 302 E. Dean Ave., Madison, Wis. 53716
7. Robert N. Hoffman, 2102 Central Ave., Ocean City, N.J. 00226
8. Ralph M. Johanns, 11 E. Chippewa St., Buffalc, N.Y. 14203
9. Bob Leary, 335 E. 27 th St., Erie, Pa, 16504
10. Roy H. Millar, Box 91, Marysville, Wash. 90270
11. Sheldon Miller, $840-80$ th St., Miani Beach, Fla. 33141
12. Gordon P. Nelson, 19 Irma Ave., Watertown, Mass.
13. Roy Patrick, 8, Sidney St., Derby, ENCIAND
14. Hal Robie, 351 South, Medford, Mass.
15. John Sampson, 23 Terrence Ter., Frechold, N.J. 07728
16. Ron Schiller, Box 456, Monmouth Beach, N.J.
17. Martin Siegel, 2251 Knapp St., B rooklyn, N.Y. 11229
18. Bill Stone, Cashel R. $i$. 1, Unionville, Ontario, GANDDA
19. Henry J. Wilkinson, Jr., 6620 Beeman Ave. No. Hollywood, Calif.

We have not yet this season had space to mention the DX Stamp Service, 466 Weaver Rd., Webster, N.Y 14581, which offers to DX'ers a unique service. It provides return airmail postage in the stamps of the varicus countries around the world, for useby DX'ers. Prices per unit range between $10 \phi$ for Ganada and $60 \phi$ fr Aden, Burma, etc. A.N. "Sax" Ringler, W2SAW, who runs the DX Stamp service, offers a complete price list from the above adress for a stamp or ShSE. Many countries' smaller post offices do not kow what an IRC is, and many stations are far enough away from a post office that it would be somewhat inconvenient for them to traipse down to same to cash in an IRC for surface mail return postace. And when air mail return postage costs only a few pennies more, through the ix stamp service, and is more convenient for the station anyway ... well, friends it oughtta help your verification percentage. I bought 12 bucks worth of stamps earijer this year, and havent used a one ... due to a very heavy buzz at my current location, which cropped up recently, DX has been negligible. I have a new location to move to next week. So watch my smoke, Semrad, Conrad, Wheeler, Hathaway and Lutzenterger, hit

