## PUBLISAED BY THE



Our Thirty-Fourth Season

## JOSEPH W. BRAUNER, Editor

 "DX Down The Dial" R. D. 1, Bex 61Puluxsutawney, Pa. 15767

Volume 34 - Number 9
WE MAKE A SPIASH WITH ASH
"Enclosed is $\$ 5$ for another year in the great NRC, which in my ppinion is the greatesi organization of its kind in the world. Not only does it promote the wonderful hobby of BCB DX, but it promotes friendship as well. -Saul Ash, Far Rockaway, NY, 21691


Sorry we didn't get the info on $K X O W^{\prime} s$ frequency check-equipment test until Tuesday, 11/29 - we hope some of you were able to latch onto this one. It is possible that this is a regular monthly frequency check, so you might check again next month; on $t$ first Saturdey, Jan. 7, at the same time. Reports should go to Mr. Phillip Bradsaw, Chief Announcer. KXOW is only one month old, and is 5,000 watts. INFO, FROM L.KRU PIEASE IURN TO PAGE 2 EOR INFO ON WSME \& WHKY.
WMT 620 Repprts go to Mm Burtis Dean, CE, Box 1044 , Burlington, Vt, 054 C WLOR-730 Reports go to: Triple C Broadcesting Corp., Thonesville, Ga $3179 c$ KULE-730 Reports go to: Mr. Joseph Muench, CE, KULE, Box 548, Ephreta, Washincton KYES-950 Reports to Mr Leroy Hiatt, CE, KYES, Box 538, Roseburg, Oregon - 97470 KASI-1430 Reports go to the station in general. Tones \& IDs. "AN" SITUARION - CNS
 1240 W K D A NSP 1420 KCCN CNS
REMEMBER, NO "DX NEWS" THE WEEK OF DECEMBER 24th. WE"LL STTIL HAVE 34 ISSUES, THCUGH.

WS ME. This station is planning to be on the air with a special equipment test on December leth, sterting at 3100 a.m., E.S.T. WSME very seldom has conducted any early rooming tests, so this one comes as real good news to the ITRC DX Fraternity. The frequency should be clear of all other statoons, and so we all have a fine chance of hearing Sanford, Maine. We do not know what they will be using for modulation on this test, so why not find out by tuning in? Reports go to Mr. Jeffrey Weinstein, WSME, Box 1220, Sanford, Maine, 04073. Our thanks to Mr. Weinstein for this importent inforration. BAVE SCHMDD. WH K Y. This fulltime station will be on the air with this special DX-test, just prior to their regular sign on which comes at $4: 00$ a.m. We do not know if this TEST will be with the dey ( 5,000 watts) or night (1,000 watts) power, or what the test will consist of. Again, we'll find out when we tune in. WHKY has long been a friendly station to the DXers, and we are honored to be able to hear them on the air at this time. Reports should be sent to Mr. Thomas E. Long, Chief Engineer. We think only WICE, WGII, and possibly WIRI will be on at this time, so most of us should hear them. BOB ZWIER.

HEARD SINCE LAST ISSUE
1420 CJVR Melfort, Sask. NRC 1500 WAKE TX-WAYK. NRC KX O W Hot Springs, Ark. WRC . 1600 WRBN Warner Robins, Ga. IRC NRC . (note call is WRBN, not WAVC). CONTEST NEWS, from STIVE WEINSTEIN The following are new contestants: CCNTEST 淮-Paul Ash; Anthony Casemasima, \& Don Erickson. CONDEST H4- JGe Kureth, Anthony Casamassima, Don Erickson, \& Bill Raczko. Here are the standings as of $11 / 27 / 66$ :

CONTEST \#

1. Frank Merrill Mich. 249
2. Steve Weinstein Pa. $\because 24.1$
3. Mike Northem. Ore. 159
4. Randy Kene Mass. 156
5. Joe Fele N.J. 128
6. Roy Millar Wash. 125
7. Don Kaskey Cal. 120

CONTESTI \# 4
I. (Jeryy Conred Ky. .. 64
2. (Steve Weinstein Pa. 64
3. Frank Merrili Mich. 53
4. Gil Morgan Cal. 52
5. Mike Northam Ore. 36
6. Roy Millar Wash. 32
7. DonKaskey Cal. 24
8. Gene DeLorenzo Mass. 116
9. Peul Ash Mass. 112
10. Wayne Heinen . N.Y. 111
11. Rich Palmer III. 108
12. Frank Wheeler Pa. 107
13. Jerry Starr Ohio 99
14. Dale Dawson .. Md. $\because 95$
15. Bob Karchevslsi Mass. 92
16. Geoff Trower Englend 91
17. William Campbell T.Y. … 75
18. Morris Sorensen Ont. . 74
19.. Walt Breville Mo. 73
20. John Tudenhom
21. George Greene Chio 57
22. Chris Lucas Conn. 43
23. Greg Jones Dave Whatmough Ont. 42
25. Greg Moores
26. Pat Flanagan
27. John Gifford
28. Iynn Brooks
29. Walter Fair
30. Fred Nordquist Okla. 20
31. Mike Tilbrook

Pa.
32. Anthony Casamassima N.Y.

16
33. Paul Thomas Ohio 6

IN YOUR MUSINGS - Please list your catche
er members in their DXing. List eny $\mathrm{f} / \mathrm{cs}$
8. Gene DeLorenzo Mass. 21
9. Walt Brevilie Mo: 16
10. Dave Whatmough Ont. ... 13
11. Wayne Heinen N.Y. 12

Joe Kureth Ma. 12
13. Mike Tilbrook Pas 11

Bill Raczko Ohio 11
15. Jerry tarr Ohio 10 Morris ${ }^{\text {S Sorensen Ont. }} 10$
17. Rich Palmer I11. $\quad 9$
18. Pat Flanagan Ohio 8
19. John Gifford III. .

John tudenhem Zhexess $\quad 7$
21. Willian Campbell N.Y. . 6

Greg Jones Cal. . 6

25. Bob Karchevaki Mass. $\therefore .3$
26. Walter Fair Texas ..... 2
27. ChrisIucas Conn 1

Pul Thomas Ohio :I
30. Fred Nordquist Okla. $\quad 0$

REMEMBER - YOU HAVE ONITY UNITIL DEC. 15 TO TMMEXR THE CONTESTS: NO INFO FROM M.T.
their dates \& times so as to help otr as when first heard \& until when, so


# D X <br> N E W S <br> <br> Bob Shsw - 234 Columbus Street - Fyrie, xhio-44035 

 <br> <br> Bob Shsw - 234 Columbus Street - Fyrie, xhio-44035}

A very few new ones this weet, most of which I probebty hionld heve hed before. Here goes: WJLE-1480 s/oif 5:30pm, I think; I thought I heard 'em say 5kw. 3? This wes $11 / 13$, ss rlso we CJMM-470 10:10 thet night. $11 / 14$ - WWHG-1320 on top © $6: 449 \mathrm{~m}$. KLIZ-1380 5:30pm. WILI-1410 5:31pm s/off. CKVM fineliy IDed as the FF that's been bothering WOR-710 here since WOR's psttern change, in all evening. 11/16-WCAW-680 5:16pm. 11/17-WWKY-1380 4:24. Well, ft leest they're new cetches. But not too much qu-lith to them. Proving once rgein Wet Birds do, indeed, fly at SSS. Rendy Miltier, CKY v/e is A. Mr Lowrnchuk, CTE. Iynn Brooks, your telk $\phi$ stetion is WKYC-1100, but I think your times ree off since they do hrve $\varepsilon$ talk show e $12: 31 \mathrm{~mm}$, but the ennouncer's $n$-me is fl-n. Then ot $1: 05 \mathrm{rm}$ Jim Grllent tekes over $\mathrm{w} / \mathrm{rr}$ \& he does tolk e 10t. Also he would be, more likely to mention Arnie Rosenberg. Whet's with CKLW-800? This whole week ethey've been oper ting'quite often $\mathrm{w} / \mathrm{lokw}$, power or something. Afternoon of $11 / 16$ they sounded like bout 1 kw for $f$ while. After SSS thet night one of the FF C-n-di-ns wis refly clobbering him for $\quad$ time, at least I think it wes Cenede. Surely not PJB -s they were plrying snrtches of rr songs, one efter the other - any ide: e? 73.

Bill R-czko - 3015 Lincolnshire Boulevrrd Est - Toledo, Ohio - 43606
Tis me $5: 18 \mathrm{pm}$, WHOW-1520 © 5:25. 11/19-CMGB-1562 © $4: 50 \mathrm{em}$, WANW-1580 © 5:10em, WRFC-960 @ $5: 25-\mathrm{m}$, WESC-660 @ 5:48, WVOP-970 @ $5: 30 \mathrm{fm}$. $11 / 21-$ KPMC- 1560 © 2:24-2:30em s/off-SSB (C-1. \#6), WJC-1510 TEST @ 3:01-3:30 Fm , WAPA-680 © 4:13em s/on-5SB (country \#19), WISE-1310 © 5 rm e/on. I mm wining Cintests 3,4 , \& 5 , so you pros, bewere, hi. fctm u-Ily I'm joining them so I crn spen some extre time writing to the menegers tohkeep them up to drte, hi. Is my WHOW, ebove, the true cell, or is it WHCW? (WHOW, Bill, in Clinton, III. -ERC) Vexies: $v / 1$ - Berbedos. v/q-CHOM WSLB WQAM (four dnys). I've i. oticed thrt f few NRCerx hrve been getting Whyc veries. Maybe they ve chenged their policy. On $12 / 15$, I'll celebrste my first enniversary of verie collecting, the first two being WCCO \& WAKR. I'm beginning to wonder if WTO reelly exists, or if it is $\varepsilon$ figment of our imrginctions. They were supposed to be on over a year ago. Does enye one know if WAPA verifies? f ccording to the IRCA bul etin, the WVMT test begins et 1:10 insterd of $1: 15$. Whrt is the power of the Cgiben on 1200k? It HAS to be more th-n lkw; they're louder thrn WOAI here at night. RRC, do you collect postcords? (Yes, I do, Bill-ERC) I correspond w/snyone who hrs the time. Send me a letter, \& find out if I write brek, hi. 73 from the Midnight Skulker.

Tr-nk Merrill Jr. - 10693 Selime-Milen Rond - Milen, Michigen - 48160
Bill Bens, Jim Courtney, Russ Edmunds, etc. Whet yre you? You owe meletters. The Jolly Green SCer \& DXer (ERC, it's SC'or, not SCeer, hi) agein sends in a Musing from CK country. Lrtest DX is $s$ f follows: 11/5-CJRL-1220 1:06 meybe AN, KBYP-1580 f/c-TI 1:21-m. 11/14-MM-After - erest FM/TV DX session I hrd WCST-1010 1:50 \& 2:06, \& KHSL $-12901: 58-2 \mathrm{~m}$ s/off. SSS BX: 11/5-WLEF-1540, KEVL-1590. 11/9-KNLV-1060 s/orf e 6:15. 11/12- WXTM-1000, ex-1150. 11/13-WIKI-1410. No gnu veries since last time, though I've sent out m-ny reports. However I hrve e verie from WIL-FM finsily w/PP crd. 11/5 DX NEWE: Jerry Conrrd, your rr-1500 sfter KXRX $\mathrm{c} / \mathrm{off}^{\prime}$ would probebly be KBLA, Burb-nk. Joe Fel-, your 920 rr 1:30 $10 / 3$ is KELP is they were pleding old rr, KQEO if they plyed current rr, becruse ot thrt time KELP hrs nothing but oldies. 11/12 DX NEWS: Ken Iyon, WCHS-580 should verify if you write Gene R. Brick, CE, es he verified ry TV reception in August. Bob Binfu, you mention heving meny new SC treders, but you're the one who owes the letter, hi. By the wey, I've put on $\varepsilon$ tremendous SC burst $w / 52$ new ones rirerdy this month, pushing my totsl up to 842 . Also I now h: ve tr-ders of SCs from well o/300 different strtionsm new \& old. 1,000 ho! Anyhoo, I think Ih heve the Irrgest collection outside of Crl. Well, thet cbout tekes cere of it so best of $D X$ (\& everything else) to fll , but studies cone first. 73 s , folks.

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\text { Stephen McIntire - } 2225 \text { Serrle Street - Des Mojnes, Iowe - } 51317
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Hi. EX h- EDeen fout the most frbulous even here the lest week. Infalimi Deker-764 1-1:24 in for report on the first TA ever. CKIG-730 amm in for's report on $\varepsilon$ new $\frac{1}{2}$ rovince. HJCF-890 2:35. WJIC-1510 in W/f frntrstic signal for 250w on the TEST. I hope they rre fremaly station becruse I reelly need NJ verified. WJPF 1340 fighting KICK 3:40. WPLO-590 4Fm, WPET-950 4:30, enother frequency lost. 11/21PM- SS-875: 8:27. SRS-725 8:33 nother new country. No veries this week, but I dia set ry "Woif-m-n Specirl" from Uncle George's Record Shop, Hollywoog, Cel. I hope CFTK 590 \& KAST1370 m -ke it in. 73 s . $-m$ still yery much live. J WRC membership expired pout three months ago, \& I have not yet renewed it. I plen to do this upon receipt of e reply from ERC). I don't know to whom to m-il my \$5. When I joined the club, in 8/65, Dick Cooper took the dues. C I wht to know who t-kes them now. (John Celisrmen -ERC). How are things with 11? Nothing much to report th this end. DX \& interest in seme declined considerably when $v / q$ from KGBS turned cut to be" 'gift' frther then verie. Of course, Summertime $D X$ is - dr-g, whet $w / 1$ the sunsets \& poor CX. So you could sey I took a rest from $B C B D X$ fron June through August. The $R X$ stetted pulling 'em in in September. I heerd
coco- commerci-1 \& EE (British ccent) on 760 ; believed to be ZFY, R. Demerera - do you-gree? fiso VOA-820 EE, who? HJDM-830, Berbedos-785 (v/1 ceme in eight deys), TGJ-880 (I\$sent. - good Iengthy report in Sept., but rs yet nothing , TTRICA-625, SS$750 \mathrm{u} / \mathrm{WSB} / \mathrm{HJDK}$, beliwved to be YNX. / Also XEPH-1500, FF on 1500 believed to be Fort de Frince. Is it? Qctober brought the following: Just ZBMs-1235, Bermude, \& a v/c in five d-ys. Over the prst three months, I ${ }^{\dagger}$ ve hed some $R X$ trouble - a condensor borned, out, \& I needed f replrcelement, fs well as a circuitry check. The bill cane out to \$7.50. Immedirtely rfter the set wes fixed, e tube blew (no, they didn't switch tubes on me) but $I$ hod replecement in the house. Just yesterdey (11/20) the pulley -ttrched to the tuning disl sto ped working right, \& now I have to ppen the set to see whrt the problem is. Thst's it, \& 73 .

Artie Krsse - 107-40 118 Street - Richmond Hill, New York - 11419 Hi grag: CX \& times of from schoo have helped DX. Inope you an hed enice Th-nksgiving, $s=I$ did. As usuel, I'Il be eating turkey candwiches for the next weel or so, hi. A few veries this week: V/q-WTMJ WDAK WAIE WIFE WKAT WPTF. V/1- WBML. WIMJ crme through w/ specisI ORCA cerd for their Test, Fere's latest DX: 11/17-WSVA -550 @ $4: 13 \mathrm{pm}$. WKVK-1550.e 4:46pm. 11/19- WBAZ-1550@11:35am w/NX. 11/21-WJPS1330 @ 8:23pm w/rr; WFBC-1330 @ 8:29pm; WHOT-1330@ 8:52pm w/Jerry Starr Show; KHH1330 @ 9:10 w/TTS (Telephone Talk Show); unn KRLD-1080 © 8:59pm u/wTIC. 11/23-WCOY1580 @ $4: 45 \mathrm{pm} \mathrm{s} /$ orf ; WMA-730 @ 4:53pm $11 / 24-$ WKZ0-590 5:30pm; CJET-630@ $5: 45 \mathrm{pm}{ }^{\prime \prime}$ KRMG-740@ 6 pm u/CBL; WMWG-900@11:10pm $\mathrm{w} / \mathrm{NX}_{2}$ dominent on 920 . WCOJ-1420 @ midnight s/off. 11/25-Unn WHH - 1440 @ 12:03 cm ع/off ${ }^{1}$ WHRN-1440@ 12:05am s/off. WJES WFBC WHOT \& KFH were +11 herd on Mondey when WPCW/WEVD were off. I see Richmond Hill Ozone Prrk wes well supported the Irst few weeks \& I hope it will continue so. That'e -bout it for this week, but tnere fre meny more to cone. I'll be seeing you all in 7 \& enjoy those turkey leptovers - 73 s \& the best of DX.

Doug L-merson - 107-13 118 street - Richmond Hill, New York - 11419
I just returned from the NRC g thering in Brokiyn where grept time wes hed by 011. I re-Ily enjoyed meeting you Ernie, =long w/Deve Schmidt, Joe Fele, Alen Merrimen, Mlen Nissen, S-ul Ash, \& the rest of the guys. I fm hrppy to report the the RH-SOP ch pter ws represented 100\%: We rerlly enjoyed it: on to DX. MM 11/21-CJOB-800 © $3-\mathrm{m}$ w/light mx ; WBIS-1480 @ $3: 10 \mathrm{w} / \mathrm{EIF} / \mathrm{M}, \mathrm{KFJZ-1270} \mathrm{©} \mathrm{3:40} \mathrm{w/RS} .\mathrm{At} \mathrm{3:45}, \mathrm{WBIR-1240}$ w/r/c-TT, WYOX-990 © 5:02 w/TX, WRNL 910 @ $5: 50 \mathrm{w} / \mathrm{RS}$; kind of surprise w/6em s/on of KRMG-740 $7 / \mathrm{CBL}$, then KXOK-630 $\mathrm{w} / \mathrm{rr}$ @ $6.35 .11 / 23-\mathrm{R}$. Jemf 10 er- 580 popped through $\varepsilon$ mese @ $11: 47 \mathrm{pm} w / \mathrm{big}$ b-nd rax \& spiriturl progrem@11:50. That's Jemeicen \#2. 11/ 24- WCOY-1580. w/4:42pm s/off on the from Axtie Kress. WAIT-820 w/RS e 5:15pas, WEG920 © $7: 55 \mathrm{w} / \mathrm{ABC}$ NX \& 1rstly $11 / 26$, just : few minutes s.go, WFMD-630 @ 8:04pm w/RS. Only two new veries but both rdded new GSLed countries to my list. v/I- R. Trinided, \& v/g 4VEF. Well, it's hockey time egrin so I'll close. 73 to rll. (Do you pley?-ERC, J. Wrren Routz-hn - 206 North Forrest Street - York, Pennsylvanie - 17404 Time $\overline{f o r}$, chort report berore Turkey is served I first mint to chrify working in Irst report thrt might indicrte I reported s stetion herfd returning from the Brauners. I should hrve s-id upon returning home or something se I never log or report enything herrd-wry from home brse. Not setting the world on fire here es power line notse is plying grmes here. It goes etrey $=$ couple or weeks \& returns just when I don thent. it. I figuree it cost me kem but mrybe not es others bed no luck either. DX just impossible when the noise is on. AII other DX TESTS weeded here were OK as they hed good signels. Nies reports out so fer \& only one reply, CKCY. Report to Emie's SRS \& I hope to rad nother country here. WIIC TEST right where noise is about worst but they got through. I checked 950 for WRYT on \&S \& found them fer behind WJAZ. WLOR730 herd on $r / \mathrm{c}$ third Wed. $4: 45-5 \mathrm{~mm}$. Thet winds it up here, I hope we get this noise clerred up Idd like shot ft KAST os I need their verir. Good DX to all.

Hi to ell. I wish to extend my thanks along w/thet of my travelling compenions to the Coopers for their hospitality on 11/12. It really was fun. Mike Tilbrook, kindly get the lead out so I can send you some more junk. Thanks to Tim Davission for that memorabłe ride (???) to Indiana, Pa. DX as follows: 11/5-CJRL-1220 on top e 1:35am. 11/6-WNWI-1080 on TEST (To Roger Winsor, did you pay that bill?) I called collect but no verie for phone report. I also got wiBe-560 on AN (on Set. \& Sun. AMs) at 1:35 -2am: 11/7- WFOX-860 on IRCA Test 2:30-2:45am. TT ey seemed very loud here. $11 / 14$. WCST-1010 heard between Hamburg \& Buffalo on the way home from Kittanning. I will count it as it was inside the nominal ten mile readius of ry home base. Also WHTC1450 on the last few minutes of the Test at home. Ny first SSS in a year netted WKVA1550 on 11/17. 11/21-WW off this AM so I got long-wented KOA-850 from 12:22-12:35an after logging WKIX from 12:13-12:30, partly a simultaneous log. WLET-1420 announcing as pn $\mathrm{r} / \mathrm{c}$, at 12:45-12:57am w/IDs every two minutes - had TT. WDKD-1310 on ET/TT w/
 ally WIIC-1510 on very good TEST from 3-3:2lam when WKBW-1520 put on that horrid TIT, boy what slop! Hurray for Cleveland, they 're getting WYSL's old ten year old DJ, Dick Kemp. Heve fun with the Wilde Childe. All sCers write (if you feel like it). By the woy Ernie, thanks for the Schmidt's (not Dave; the beer). 738 \& assorted. Joe Kureth - 817 Wect Steyman Drive - E1licott City Maryland - 21043
No new veries but reports out to WCST \& WIC for their Specials. The CX seem to be Greatly improved over last month w/these new loggings: 11/11- WKJK-1580 NC 6:35am on RS, WCET-1230 o/local WITH on $11 / 12,12: 07 \mathrm{am}$ s/off. $11 / 13-\mathrm{SEIB}-790$ @ 5;06pm. MM of 11/14. was a good one here. WAZI-1490 12:13 s/off, WHCM-1480 noticed testing w/no QRM; WTKO-1470 IWY heard EF/mx to 1:23; WCST Special just barely made it in u/CFRB (many thenks, Bob); Cabans on $1200 \& 1210 \mathrm{w} / \mathrm{NX} \& \mathrm{KFJZ-1270}$ in w/the best signal heard. Fiairly new CKPM-1440 Ottawa s/off © 2:02; new TA for me, the BBC on 881 \& CJAD-800 AN. I. have a question on a few stations heard $11 / 14 \mathrm{MM} /$ who are the CBC stations on 1370 ( $\mathrm{w} / \mathrm{Vancluver} \mathrm{NX)} ,\mathrm{\&} \mathrm{950}$.I guess it was the same TTer on 1590 (e) 1:54 that Ernie reaxd w/no IDs., really giving WAKR a hard time \& no sign of local WISZ. Finally on 11/21, I logged the WJOC Special for more Contest \#5 points. They made it fine, butthey make it OK in the day, too, hi. At $3: 15$, no KGAL Special but lots of the feminine $H I$ show from KARK. The Club owes thanks to John Callarmen for his fine dCode of Ethics". I know mine is going on the wall of the den as a 'reminder'. You should,too. I hope more next time \& with the weekend coming up, $C U$ in 7 .

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\text { Rick Marr - } 741 \text { Dunloggin Road - Bllicott City Maxyland - } 21043
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Hello DXers. Due to my $\frac{1}{2}$ reoccupation w/college work, I have not had too much time to DX lately. However, three new stations have been logged: WKDE-1000 Va. on $10 / 30$ at $5: 45 \mathrm{pm}$ s/off, very weak u/WCFL; WTAB-1370 NC on $11 / 2$ @ $5: 17 \mathrm{pm}$ s/off, very clear; WBLX16000 . on $11 / 5$ ©5:14pm s/off. Total logged now at 714 . NRC members Dale Dawson \& Charles Spellman of Baltimore journeyed with me up to Dave Schmidt's in Chester, Pa. We spent a very enjoyable day there as we toured WFIL AM/FM/TV \& WCAU AM, both of which are in Philadelphia. Both were very interetsting tours, but WFIL particularly fascinated me. The station is really quite a set-up! Any member who visits the City of Brotherly Love should make a special effort to tour this one. Nice meeting Joe Fela, who came down from Newark, NJ. I also enjoyed seeing the photographs of the Montreal Convention which Joe brought w/nim. Last, but certainly not least, we enjoyed seeing Dave's older sister, hi Charles! Thenks again to Dave for a winderful dey. Best of DX to everyone \& I'll Muse again when I have more DX to report 73s Bob Karchevki - 68 Freston Street - Wherield, Massach setts - 01880
11/ 20 . I thought your new typewriter looks good too; but it needs more education. It sure is a rotten speller (hi). Sorry I didn't meke it to NYC for the amual meeting but I'm behind at school. Say hello to the gang for me. Veries: WWI (to Roger W., Bradford is a "suburb" of Haverhill: Hi, Stan). WFO WVKO \& HJIQ (R: Minuto). Does WPGC-158e verify? DX: 10/31 - KGBS-1020 IDed feintly @ 2:42am: XEJP-1150 2:53an I logged WJPB-1280 Fla. TEST 2:56-3:09am. No sign of monthly WORX-1270-Ind. Test, just KFJE. 11/I-Surinam-725 s/off 10:31pm w/TIIX? behind: 11/6- WNWI-1080 Ind. TEST logged 2-2:32am. 11/7- I logged WFOX-860 Test (Wis.) 2:33-2:57am anid CJBC \& others. I listened 20 minutes to cl man 1370. At 4:0lem I neard "Ici R. Cancdam", when the oil burner came on \& killed the LPRT. Grrr! 11/14-I logeed WCST-1010 TEST W.Va. 1:30-2:05am (Four-Ster Redio). 73s.
AS THEY SAY OF NRC IN ORLANDO, FLORIDA, "WHOO." "WE HAVE OODIES to OFFER." ings. Underlined stations, are ones not previcusly heard in Toronto. 11/3-WBRF-950.
 12905 m , sounded like s/on; WADO-1280 5:03am; clear channels to the W such as WMAQ67 - noted as eariy es $3: 36 \mathrm{pm}$, WWCO-1240 3:40pm, SM 11/6-WISM-1480 1:47am, WNHI-1080 TEST in surprisingly well u/WTC, 2am. 11/10-SB-9H0 u/CBM 9pm, XE? 11/II-KSCO1140 (state \#37) 8:33am. 11/12- Some reaily great da time DX. WAXX-11500/CKOC 8:04am CJKL-560 o/usual CFCS, 12 m \& now seems todominate the frequency; unn CKIC-1380 1:59pm un EKPM-1440 2pm; CFTR-1450 2-2:17pm w/ho comercials or other verifiable material; WOTT -1410 2:56pm; WSET-1410 3 mm ; unn WJBK-1500 3:07pm; um CKVL -850 3:10pm, umn WXYZ1270. /WHLD al1 argernoon; WKNE-1290 3:12pm, unn WJJD-1160 3:51pm; WRPD-680 4:O7pm; WSAR-1480 $4: 43$; CBOF-1250 4:49pm. WITY-980 6:58pm. 11/25- WOKO-1460 F:59pm; CKRB-1460 5pn. 11/17-WKM-970 12:22an. 11718- WIRE-14306:290m. 11/19-YVLL-670 w/R. Rumbos ID u/WMAQ 7:45pm: Veries: v/1- WCBY WVJS WNHI WDBC w/CM. v/q-CKSI, WOKX w/special card for IRCA Convention, WSLB. WSIN's card gave freq ency as 1400 kHz inztead of $k c$, the Pirst NA QSL I've received which has done so. The CE of WBIC-540 seys he he invented a new ante-skyweve rediating system where the energy is beaned omnimorectisone ally or distorted directionally from one radiator or more \& expects to be testing it soon. If \& when that test comes about he would like to get reports from NRC \& CDXC members. Morke info on that latex I hope. He also mentions that wIHE-15C0 may be ushg the system after $1 / 1 / 67$. Members interested in obtaining a copy of the patent may do so by señing 50\% to the U.S. Patent Office, Washington 25, DC \& asking for Serial No. 3,289,208. I am now staxting a $\frac{1}{2}$ ersonal campaign to bring Wolfman Jack to Canada \& CKAR. 73 . (Why? -ERC)

Sheldon Miller - 840.80 Street-Miami Beach, Fiorida-3314.
Quite a bit of new DX to report this time. On SM II/29: WAVE-970 Louisville; Ky. heard W/NBC ID 12:01am, WFLA off SMS. ADe on 1050 k , rr heard weakly u/WHN/XEG, probably much-wanted CHUH, but not enough to ID. $M 111 / 21$, a good DX MM. WIOB-1380 Winston Salem, ET 12:30am for nhw one. WBNX- 1380 NIC , good in SS at same time. UnID TT-er-1010@12:45, myone get this one?-"CBR Alberta" Id heatid severa; times u/the TT, so reported for needed $\frac{1}{3}$ rovince. WRC- 980 washington $\mathrm{m} / \mathrm{a} \mathrm{f} 1: 15$, leaving a TTer who refused to ID all AM. (WONE Tobably the one -ERC) KWK-1380 St. Louis, s/off 1:00 after NBC NX, no SSB noted. WDKD-1310 Kingstree, SC noted on BP $1: 45$, giving many phonetic IDs, so reported. Resl strmg signal here. WIET-l4co Toccon; Ga. also noted EIing at the same time. No trace of any of the Spaciale this morning, either. WLAC. 1510, EIing as usuel on Mis, blocked much-wanted WJIC. I jope WJIC can be re-sked. Other sturf: Venezuelon on 980 k , mentioning "Feria de General Electritc" \& town of Corupano, unID on AN PEogram $11 / 20$. YVe have been jumping around so much lately, I don't know if this is the Maracaibo station which used to be regular on this frequency PJC7-1010 euraca0, seems to run AN SMs only. A correction: Salinas, P.R. 1210 k will be 1,000 D-1, not U-, as was listed by NRC. Ernest, art thou a Wolfarm Fan? (NO: - ERC) George D. Woodward - 1007 Dowood Drive- Buinct, Floride
Hi. Getting up 4 em has boosted my Canadian totali $200 \%$. -730@4:58em on 10/15. Also on this date KXEI-1540@5:24, XERT-1570@5:28, KITK950 © $5: 32 \mathrm{~s} / \mathrm{on}$, CMFG-660 © 6:00, WIBC-1070. Other times I picked up newies like XELO CHII, WSPD WONE WGIG WCTA GBL \& so on. I have picked up no TAs yet, but I have heerd hets from Rome-839. Veries: v/q- WSAI. v/1- WTIT. Reporte out to WMOO WESC WBZ WSM WDXR CKIM. Does anyone have a verie from CKDM? (Yes -ERRC). I am having trouble getting $W M C O$ to verify. FB has taken away from my DXing time, but my team came in first place. Our local station has now gone FM, but I don't have arn FM RX. I hope WCNH-FM doenn't carry the programs that WClif does. On the way to church we liste to them in amazement at the splatter that extends from 1100 to 1350.73 n . Mike Horthem - 1840 Agete - ADt. 2 - Fugeme, Oregon - 27403
Greetongs group. No DX at all this week - big project going on at work \& a couple of lectures to give in my classes on top of that. $11 / 21$ is the first M I haven't DKed for quite sone time - probably real good CX too: Veries this week: $v / \mathrm{q}-$ WIIC (NC \#I) WOKJ (Miss. \#1) KICY (Alaska $/ 1$ ). $V$ V/1- KWG KGVO-CM KSTN WKCW (Vis. \#1). Totals now. something fike $469 / 155$; states $42 / 39$; provinces $6 / 5$; countries $14 / 4$; Got to do something about that, countries veries total as soon as I get some time (where have I heard that before? ) $73 s$ * remember, as they say in Pinevilie, Wa., WYO; We' 11 Welcome You inOregon! (Next Iabor Day at the Convention!) (XES, EUGENE IS ITE SCENE!)

Chalk me up, Br ie, as a merber of the non-deliverable club - proof enclosed. (Rick encloses the 4 th such perfectly addressed envelope returned to sender by the Brooklyn 0.0. as "undeliverable as addressed. This one also betng sent to NY 10098 for official complaint. -ERC) If you are still wondering, $\mathrm{KXOW}-1420$ is in Hot Spriges, Ark. \& was condeuting initial EI. DX last two weeks here: 11/13- bich-1310 4:08am, WEAM-1390 4:44 o/WNUS; KVCO-1170 5:01am; WDBO-580 5:30; WRUF-850 5:36-6am I\&C, KWFT-620 7-7:15 I\&C until some unk person turned a TV on; hi. 11/20- WXDE $850 \mathrm{r} / \mathrm{c} 3-3: 15 \mathrm{~mm}$ I 8 C , ZFBl960 (for first Bermuda) weak $3: 30$. WPRT-960 $\mathrm{s} / \mathrm{On} 6: 0 \mathrm{Mem}$, when announcer paused for breath WDBJ s/on 6:02am. WPIK-730 6:45an, NIIN-970 7:01 s/on. 11/21-Using a $5^{\circ}$ square box sheped oop antenna, I heard CKLE-730 faint 2: Q5am; KHDN-1230 2:30 testing; WJIC-1510 3:05-3:20 Special; WBIR-1240 3:50-3:56 test; WINZ-940 4 am u/CBM; CKCM-980 4:03-I8C (no QRM); CKRM-980 4:04-4:33 ERCC other than WONE testing (love that locp, hi) WIVV $-13704: 30$ s/on for first PR; CKBP-950 4:40; WPET-950 4:41; WSPA-950 $4: 58 \mathrm{~s} / \mathrm{on}$; WBNB-1000 5:03ks/on for first from VI; WTMA-1250 5:12 plauing w/unk station; wgVI2500 week 5:23-5:30; WGAR-1220 5:36 much needed, thanks to local on 1230; WCNI-1210 © 7:17 s/on weak; WSIM-1220 7:29 s/on; WKIX-1210 7:30 u/WCNT; 1WCAR-1130 7:33-7:46 then WISN chenged patterns; wIGY-1130 7:43 u/WCAR. I just finished typing seven reports to go out. Veries: WORX WKIX WSGN WSVA WKMI MTMJ WFOX WZKY WNWI. Totals now 338/ट7. Problem: Using the 100p on 11/21 at about \$:20 we cut the power of WJR about in half (I still can't believe it, but it's true, hi) \& there were two stations $u / W / R$; SS was probably XEABC but someone was THing. The loop put it SE/MW of here - was it NC? (I should be so lucky, hi) or more likely KIMM out in Sen Diego. I will be off from work $11 / 25$ \& I believe pert of $11 / 24$. Roger is trying to get the loop for my use those mornings. Here's hoping. John Callarman, I feel that reports (good ones) ore of some value to the stations. If a sponsor claims his spot was not rum as promised \& a DX includes it in his report, what more could a station adk for? 73 .

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\text { Jerry K. Conrad - Box } 91 \text { - Hation Kentuchy - } 41094
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First a bit thanks to the many NiCere who took the time to write me a card or letter telling me my pop nx $4 / K X R X$ was KBIA. It just goes to show how great a group of people $\operatorname{NRCers}$ are! DX has been fabulous at times this week w/rive TAs reported \& some more LAs that I should have reported long ago. Most is in IDXD last week \& this week. WLYB \& WGPC in Albany, Ga. have evident/fly pulled a switch as WLXB was going full blast © $3: 30 \mathrm{~m}$ on $11 / 21$ on 1450 k . No notice in DX NEWS pr VJ so watch for this. New DX here by date: $11 / 20-\mathrm{YNRPS}-1285 \mathrm{Granada}$, Wicaragua, 11 pm . $11 / 21-\mathrm{RNE}-773$ San Sebastian Spain at lam s/on \& HJCE-890 Bogota, at tram. This is the AN on 890. CX by date: WEDC-1240 Cjicago trexarencr 1:45m in SS. 11/17-WRKT- 1300 Cocoa Beach, Fla. © 12-12:30 mm on TTT. 11/19-WERK-990 puncie Ind. 10:550m, WPTW-1570 Piquq, 0. 11:05em; WCNB-1580 Connersville, Ind. 11:15; WEKR-1240 Fayetteville, Tenn. 5:30-m on SSS, WEIU 1250 Wetumpka, Ala. $5: 35 \mathrm{pm}$ \& KCXI- 1550 Arvadq , Col. © 6:30pm I\&C. 11/21-WOI5-1230 Florence, SC 12-12:15 on $\mathrm{f} / \mathrm{c}$. CJAD -300 Montreal, 2am on AN EE program. WBYG-14.50 Savanneh, Ga. e 2:10 s/off, may have been a test, wLYB-1450 Albany Ga. © 2:35am on AN show. WJIC-1510 TTST had a stroge signal at first but CBEL gave them a rin for their money after 3:15. WDXI-I490 Lexington, Tenn. on $5 / \mathrm{C}$ © $3: 30$, WCSR-1340 TEST Hillsdale Mich. barely made it through a strong WKGN \& KIMT Hugo, OKin. test. Not enough for a report, drats. New veries: WTWI WKDZ WZKY WSIX KOAM KYND for '5e4 verise now plus a lot of good ones cut. Percentage of veries is finally picking up here. By the time you read this the loop plans mey be published. At least I have them typed, rewritten \& sent to RHC. If there are eny questions, write but please enclose en SASE as my postgge bill is getting out of hend. SSS here have been fabulous of late $\mathrm{w} / \mathrm{KMD}$ as early as 6:30pm completely dominating 1580 . Where are the Hawaiians this season? I'll close $w /$ tnis final thought: The best wey to eliminate the great Egglant menace is to EAT it, hi: CU II 7.73.

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\text { Tom Mon - } 1805 \text { Eest Emdale Clurt - Milweukee, Wisconsin }-5321 \text { (Apt. } 6 \text { ) }
$$ The Beacon Radio, Inc., New Berlin, Wis. has filed an application for a new doytimee station to operate on $1090 \mathrm{ks} w / 500 \mathrm{w}$ D-3. Action last 10/12/66. Does anyone know the street QTH of The Beacon Radio, Inc.? Does Cooper-Trent carry street addresses of new stetions? (NO -ERC) WTMM-1540 Hartford, Wis. granted assigament of license from Top Hat Enterprises Inc., to A-B-D, Inc. 73. LES'S KPEP THESE RHPORTS ROLLING IN, MEN! WITH THE HOIIDAYS BEARING DOWN UPON US, WITY NOT MAIL YOUR MESITGS OUT A DAY SOONER TO MARE SURE IT MAKTS IT? PTEASE ADDRESS THEM. TO GRNEST R. COOPER, NOT THE NATTONAL RADIO CLUB AS OTHERS LIVE AI THIS ADDRESS. ERC.

 DK, gobs of it. Right down to it: 11/11- WRSN-1460 in devtime RS 9:40-10:02em. Finey are onky 70 miles ewey but DA pattern very sharply nulled this was protecting Wind. Later WSEL-1440 2:35-2:48 r/e-TT. 1 1/12- SSS something to behold, as I Iogged WSHO-
 WKID-1580:I11. heard on r/c 1:18-1:30. 11/14- WXCO-1230 heard w/IT 1:01-1:25 \& on, but only one ID at beginning. Also unn KGHS s/off @ 1:10. WCST TEST heard fairly well 1:34-1:50 u/CFRB for the most part. Also loged CBR coming in vel.l. WHRC Test very poor way down in the mud w/ID © 4:33. 11/17- WDEH $800 \mathrm{r} / \mathrm{c}$ © 1:20-1:30, wbat sounded like FMSL rfe on 1400, but pionetic IDs impossible. KMAQ-1320 $\mathrm{f} / \mathrm{c}-\mathrm{TM} 1: 55-2 ; 01 \frac{1}{2}$. 11/18-KBUR-1490 r/c-TT-1:13-1:20. Loud TT-1110 but no IDs. Any ideas? WGIC-1500 ET/mx 1:35-1:59. 11/21-CJIG-730 at 1ast inw/great signal w/rellgious mx \& NX © 2am. Logged to 2:11. KHON r/e 2I25-2:30. I used to live there, so that was a wanted one. KEEN heard @ 3am just ending Gospel Hour, then s/off. WJIC TEST L\&C the entire time, beautiful signel for 250w: WBIR $\mathrm{r} / \mathrm{c}$ I\&C on 1240 o/WKDA/WROV/WEDC $\mathrm{w} / \mathrm{ID}$ s every minute. CKGM noted ©clem w/Wone off for once. They had TT all AM tnough. WBNB-1000 s/on 5:02 w/SSB. No report. Later WIOI-1010 New Boston, 0. 5:10-5:I4 s/off \& W/CRM-990 5:45-5:14-back/forth between the two. 11/22-WPOP-1410 IEC o/WING w/rr 1:40-1:53. 11/23. Unk ETer on $1330 \mathrm{w} / \mathrm{mx}$ 1:28-1:37. 11/23 local WAKE on w/slow mx 1:30-2am. 11/24-WNPV $\mathrm{r} / \mathrm{c}$ Finally TT \& two IDs 12:18-12:35. WRIS-1410 ET/mx 1:21-124 then of T . Unk TT-1430 //CKH.FIRE, no IDs. $2: 17$, TT1-630 turned out to be WJDB, Tnomesville, Ale. on PoP 2:17-2:42. eJCX-940 noted I\&C for a $\log @ 3: 16 \mathrm{~s} /$ ofs of CBM. Cnly QRM from unn WYLD. Finally WFA-570 heard w/Chuek Michaels show $3: 55-4$ when WKBN went nonDA \& pop; they weredgone. KPCN-730 s/off @ 6:30-m, but missed too mich of s/off statement to get log. I'll try again soon. Veries very slow this month as was the case last year. Nov. seems to be slow. Cnly WDNJ \& WFOX $v / q$, KIMO $\mathrm{w} / \mathrm{nice} \mathrm{v} / \mathrm{I}$ on second try, KHOZ on bottom of my report, WJRD mice $v / 1$, CTV, WSEL \& WHTC $v / \mathrm{ls}$ KMAQ /v/q \& today KRDS w/a beatiful $v / 1$. So far 37 repoets out this month $w / 11$ veries. I hope all got their WWI veries OK. What a job! Would you rather have me report $\mathrm{f} / \mathrm{cs}$ sperarately like some did last year? Iots of SSS this year, as KAMI in every nicht until $6: 15$ s/off, just like the old days: (By date I think is best; but with the kc/s., Roger, idit meRC) Dave Sichmidt - 44 Green Iane - Green Ridge - Chester, Pennsylvania - 12014
Hi: I hope evexyone had a good Thenksgiving as I know I did, hi. DX is a lemon now \& this is what I 've done: $11 / 20$ WBTM-1330 © $5: 42 \mathrm{pm}$. Veries: v/l- WNWI-1080 TEST (thenks; Rog.') \& WBIM-1330 (three dwys!) v/q-WMAZ-940, WFOX-860 \& WIMJ-620. Total: 392. The worst thigg in the world has finaliy happened, wEEZ has gone All-7! It's good news to all c/w fens but crude neww (and hard to stomach, hi) to Ben D. \& me. I say "Yeech" to that. Everyone pryy they won't make any money on this ${ }^{*} g o$ off $A N$ in two weeks, hī. This meens $1580-1600$ have alea gone so now I won 't have to worry about WWRL, hi, ERC. WDAS is severely directional SE at night \& mainly SSE during the day * They are AN-6, off M but they don't bother me aiter pettern changes ( I'm 15 miles from their XR) (six towers) \& CANVOT hear them at ALI.) WHAT-1340 is AN-6 going of © 6 $2-5 \mathrm{~m}$ on MM. Wheney is on WPFN going $A B$ next as it seems they are the only Philly fulltimer that isn't, hi. They are still going off at 2am every morning. Anyone needing WIBG SCs (or WFIL even, hi) please write. I've got 411 WBG SCs this week, hi WFIL's are st $\$ 1$ rare. Hey Bruce Reynolds, $\mathrm{c} / \mathrm{w}$ may bring the station's ratings up but get this: WFIL went from eighth place to third in an over-night change of format to rr! That's enough from this end. $73 e$.

Bob Zwier - 383 West 17 Street - Holland, Michigan - 42423
DX has stayed about the gome here of late w/only the following added: II/21- KVFT-620 @ 3am, WJIC-1510 @ 3 am for TEST; KABL-960@ 4am, WJPF-1340 © 4:15, WPET-950 © 4:30, WATE-620 © 5 m s/on-SSB, \& WOOF-560.e 5:01 s/on w/Dixie. Reports taken to WJIC and WOOF. No veries back for a while because no reports out for a wile. It sure doesn t seem like Thanksgiving Dry around here. No activity around here. It seems more like a dull Saturday, hi. It looks like a good list of Specials for $11 / 28$ so maybe there i some hope for me yet, hi. Tom Walsh, glad to see you reneweed \& I'll write you one of these days. That about does it for now, so 73 s.

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\text { Stan Morss - Route } 3 \text { - Bradford, Massachusetts - } 01832
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A back-hended verie from BBC-647. 11/21-WDTC-1430 f/e $1: 10$. IT u/KYW @ $1: 33$ but no ID. WEEZ-1590 AN $\mathrm{e} / \mathrm{w}$, ugh, good mx, but who needs another AN? WING off \& unn GWYO $r / \mathrm{c}$ heard 2:15am. WJIC-1510 TEST 3am very strong. WJRD-1I50 testing 3:53. Tirana-


Hi: Six newies reweived to SSS. Norm S., I got your letter today $\&$ will send you a form letter soon. Did Ralph Vatalaro tell you about my setup here? He was down here on $9 / 18$. Still no replies on CPC requeste, other than WDEV. I realize WDEV has no
 at a distance of 65 miles, hi. This on 11/19. 11/21- unID 1490 (e-2:28am giving "Chime Time", possibly CHM? (That's one of their IDs -ERC) WPGC-1580 © 5pm s/off, WCBG-1590 © 5:01, CKPT-1420 also at5:01/ 11/22- I took a shorit trip to Boston between 10:15 \& 12:05. I noted some very interesting patterns, such as WPIM-1390. WPIM is so directional $S$ that at $\frac{2}{2}$ mile $\mathbb{I N}$ of the $X R$ they had an even sienal $\mathrm{w} / \mathrm{WFBL} \&$ two miles to the $\mathbb{N}$ were completely out w/WFBL alone on the frequency. Also, woci-1240 had faded out completely by Sandwish, about 10 miles away from the XR. I was sjxprised at the strength of the 50 km Boston stat ons; as only VBZ was overriding another frequency, this at Logan. At 12:05 I kard WIGCP-;390 s/off. Norm or anyone else in Boston, is this a cominonly heard station? 11/2l-Unk rr u/WRRO © 12:07am. Who is this? With ry brother home for the holidays, he got some DXing time in on his own, however I did hear the TDs although Marc did all the diesing. Here was the DX: WHIM-550 © $4: 22 \mathrm{pm}$,
 code © 2:03, unin XIRF-1570. By the wat, what IS Wolman? I've never heard him or it
I'm wondering. (Iffy you heard XERF, then you heard Wolfman - ERC). WPTR-730-I'm wondering about that last reception, too. Some kind of image, I guess. WJRZ-970 © 2:23am w/an excellent signal. Here is a surprise. KSL-1160 © $2: 30$, first time I've received them on my Utica $92-05$, \& only third time I've hdard them before 6am. WQXI1470 @ $5: 14 \mathrm{pm}$. One TV note: Great DX on 11/25 w/a new rovince in CHSj-4 received. 73 Een Dancertield - 202 Governor's Dxive - Chester Pennsylyanie - 19013 Receipt of CX NEWS today reminded me that I am still a DXer, though temporarily without a RX . The HQ -180 is still being checked over, \& in answer to those members who say I ought to have a standby set, which I don't have any more, I can rationalize by saying that I em having a vacation from DXinc, \& this just micht be a good idea. Of course, Dave Schmidt had to go \& jolt me from my "vacation" this evening by calling to edvise that WEEZ had gone ISP. Well, the $H Q-180$ 's cross modulation problems better be corrected now, or I had better forget about tuning 1500 to 1600 on Mis. And there goes that fascinating juncle of TA DX on 1594k. What did we do to deserve this, Dave? I have just read the 11/19 DX ITN from cover to cover, \& found it as delightful \& inormative asf ever. All sections are being expertin run, as usual. I hope that all the members who suipprt Musings will continue to do so, \& that all those who repoet foreign DX to Musings will report this seme foreign news to the IDXD. I don't mean they should exhlude it from Masings, but the details, such as verie info so dates of loggings \& questions, really belong in IDXD. Speaking of foreign DX, I would like to apologize to my Foreign Contest constituents, who are most likely in the dark as to this senson's contest, if any. Gordon Nel.son \& I have been wanting to do something different, but so far remain in the planning stages. Since I haven't exactly been deluged w/requests to run a lpag term contest this year, I have felt that the whole thing car wait $e$ while. Please watch the IDXD for further news. Sorry I can't make your get-together this week, $\mathrm{F}_{\mathrm{r}}$ nie. I know it's elweys a success. 73s.

## Andrev F. Bugs - 16 Lekebreeze Averue - Peinte Claixe, Quebec

At the same time as the Kittanning get-together I had a very interesting \& enjoyable vksit from NRCer Lexs Ryden of Kailhall; Sweden. The next time you're in the area, Lers; look us up again. DX: 11/6- WNTI-1080 TwST at times between 2-2:28am. 11/13-WNAB-1550 RS \& s/off on SSS from 4:45-4:59pm. 11/14-R. Caroline s-1187 from 1:07$1: 30 \& 2-2: 08 \mathrm{em} ;$-WCST-1010 TEST rough u/CFRB from 1:30-1:46 \& 2:14-2:19; CFMB-1410 not AN this MM. WDR-1586 very loud at times but never enough for a report. I finally. listened to $X_{\text {RRF }}$ 's Wolfman \& wish I had a tape recorder, no sign of wHC-I450's Specie program. 11/21-WJIC-1510 TEST excellemt 3:01-3:15em, \#CSR-1340 Test inaudible w/WRIT dominent, WIND-560 ET/TT starting $4: 03 \mathrm{w} / \mathrm{a}$ rep rt finally taken on WrII at $/$ that time. The only new verie is HJLa-1515. 73.

Fob Roxvorth - Box 5233 - Boleich, Nacth Caroline- 27607
Time for a long-overdue report from de Scuf, hi. I sure hate to be here now as the big NYC pownow is foing on as I write this, but that's life. I just placed a huge order to $B *_{A}$ supply in Kansas City, as they aredabout the only people who carry Miller A-320-A coils which are quite useful for loop preamps. Also, I guess I'm the last one in the Club to install a mechanical filter. Ihraven't enough nerve to tyy a (P.10) (Bob Foxworth) Lafayette so I used a Collins Mowmost" unit - only \$26.50, hi. But it works quite well. If anyone dise tries $1 t$, lead dress is important $\&$ there is a chance the crystal filter will no longer be usable as it probably won't be on the same frequency as the M.F. The entire IF chamel has to be re-aligned incidentally. Last night I finally got a decent log on R. London who were kind enough to move right next to WhV sbout the same time I did, hi. TAe have been very bad this year, I've elso been beset w/very bad problems from local noise \& IV sweep radiation, despite living aWay from the formitories. Reportw are out to Tirana-1214 heard at midnight w/ NX in Russian quite often, \& to Surinam-725, \& a verie fror WWI-1080 $\mathrm{w} / \mathrm{much}$ thanks to Roger Wincor who spoke just loud enough to sneak through a loud WIIC. LAs are usually quite strong in the evening however. I'll hate to see the bulletin mailing point be moved to Houston, as it's glways been in my mailbox Sunday afternoons \& Texas will be c bit too far for such prompt postal service/ We ve certainly been fortuate, as Club members, to hafe had such outstanding service on the part lof our officers. such selfless service to DXers is the real essence of a Club such as ours. But - I winl miss those Sunday bulletins, hi. I'll be glad to send details on the problems I've fun into regerding RX modifications \& mechenical filters instailation to anyone interested. Also, I cen send WKIX- 850 \& WKIE- 570 SCs upon receipt of on SASE if anyone is onterested. But I don't collect 'en ryselis. 73.
$t$ Bart Cronin - Box 5353 - Fucene, Oregon - 97403
Contrary to popular belier, I did make it back to Ory-gun after a 12,400 mile, 16 -day vecation which included the Montreal Convention. A belated thanks to Al Merriman for the ride \& bed. Ne'll make it to Mt. Vernon some day when i.t's open, hi. I have not beea working on $D X$, but I guess I'Il nave to just to see if Hoogerheide \& Northam are lying about their catches. John \& Mike, we need to get together sometime to starti formal Convention plaming. If/ never seem to get around to calling either one of you. Only neww is that KPIR, Eugene, 1500 k , 10kw. D , has been granted 50 kw . U-3 on $1120 \mathrm{k} \mathrm{w} /$ protection to KMOX. Construction to etart next Spring, barring a peal by KMOX I hope to get a tour during Eugene ' 67 Convention Pete Taulor: Did Bob Nelson's gluffs drive you to the East? I hope to arrange a KUGN 5 kw . non-DA TEST shortly. When ks the best time for 590 in, all areas? KrXM \& WOW are the flies in the ointment, right? 73 s . (CKEY, too, Bart - CKBY off PIrst MM monthly I think - RRC). EEUGENE IS IHE SCENE - MAKE THOSE PEARS NOW FOR IABOR DAY WEHKHD AT TEIE EUCENE ' 67 CCNVENTION!)

1 It. Thomas V. Arko - Qtrs. 2515-C - Fort Lewis, Vaskington - 28433 Well, Irm back in one piece the same one with which I lert the stetes). I enjoyed ry little vacation in SE Asia but it's good to be back in the U.S. of A. Ifhave been eatching up on a year of DX NEWSes \& have only recently tried my hand at DXing again. The rig here is now an 11 tuke silvertone, circa 1940 , \& without an outside antenna, the reception is good. If. Uncle Same sees fit to keep me here through next Labor Day, I'll certainly be in Eugene for the Convention. I haven't been to one since Indianapolis inI962. I would like to get together w/some WW DXers soon \& compare notes. The phone number here is 968-2663. We don't work weelkends, so any Saturday and/or Sunday would be fine. Recent DX: 10/21-KOLO-920, 2:55-3:03; KGAL-TEST; 3:03-3:30, CJIB-940 3:48-3:57, testing, saying they would be on until $4: 30$ (1:30 m PST). I will try again next weekend. Greetings to Ron Schatz $\phi$ Sheldon Miller of Miami Beach. Thanks again Shel for the letter you sent while I was in the balny Republic. ERC, has there been a new VJ Loe since the 1964 (red cover) one? 73s. (Yes, the blye one (hi) aut about a year ago - and welcome home to the U.S.A., Tom! ERC). Williem K. Alisauskas Jr. - SAB 108316 - c/0 USS A11asash (AO-97) FPO, NY, NY 09501. Hi agan everybody. Herers my contribution for this week to help:till these treat $\frac{1}{2}$ ges. I hope everybody had a great Thanksgiving as I did. I was home from Wednesday through Sunday \& was really glad to be home again (although Itm usually home three out of every four weekends, hi). Actually though, it was a crazy weekend. I worked on my car the whole thing \& finally got done late Set. afternoon when the engine \&utruansmiszion came out. Now all I need is another engine. Anybody got a good engine for a' 57 , Chevy? hi. So to the subject that is nowma, Iu discussed here. I managed two more new catches durint the past week \& they go like this: wTRN-1340 pn 11/20 @ 1207 m, \& WPRW-14060 on 11/25 4:50-5:05pm, report out, so the total now stands at 805 heard frof here \& climbing very slowly. Well, I guess that's about it for those thinge, but I guess now I'Il mention that as of now till sometime next year I'm in Boston, so all. you members in the aree (Gordon Nelson, Rendy Kane, etc.) how about getting together? Sorry I couldn $t$ make Brookiyn 11/26, but that's the way it goes. Take care \& good DX.

Hello! I ran into a ratier interesting point of view in conversation With manage of local KWYZ re possible "silent period" during CFTK-1230 DK for IRCA. KWYZ" manager stated that FCC required they broadcast 24 hours a day, seven days a week. As he put it, KWYZ had to "manrentee" continuous operation on such a basis to get permit for 24 hour operations. I had never heard of such a requirement by FCC; I'd be interested in what any others know about this matter. DX tale since last repport: 11/9-KQWB-1550 Fargo ID as f/c@ 6:01em. 11/12- KAFE-810 Santa Fe EM s/on Bam; KFH-1330 Wichita, Kens. taped © 6:30am for report as momentarily atop KFAC. 11/14- WHSL-1260 Leurel, Miss. s/on 5:35am. 11/18-KATR-1320 Eugene, Ore. s/on Bam. 11/20-KLII-1560 Macon, Mo. s/on 8am. "SRS."-725 finaliy handed as teped few minutes just before $s / o f f$ e 10:28 pm. 11/21-KGAL-920-Lebanon, Ore. Test for IRCA easy (I heve KGAL verified, but on 930 k). WEX-1510 Boston $s / o n 5$ am I\&C for easy 10 until $5: 30$, \& announced 5,000w, so indeed welcome! KALF-1510 Mesa, Ariz. s/on 7;58am, very strong, so taped for anotner try at verifying. 11/23-Oriental on 880 quite good w/pipse 10 am , China Itm sure. KBOW-550 Butte, Mont. noted AN programming generally u/CBC. KBOW verified long ago on 1490, but never on 550. Quite likely CBC-550 is CKPG, as Vancouver ID. May I just caution all to be careful on thise KPRT IDs. Sometimes it is no LPRT at all, but a big station like CKPG, CHWK, etc. broadcasting this CBCprogramming. It can be most confusing, particularly as CBC in Vancouver doesn't seem to know just who is relaying their programs at any specific time!- Still $11 / 23$, \& CBUS-990 100 Mile House, $B C$ apparently the CBC-Vancouver relay taped w/Eeveral IDs from 4:04-6am, as seems to be only pissibility on 990. Veries: YNKW-885 KINN-1270 \& WCNW-1560. 73. Donald K. Kaskey - Hotel EI Ramcho - Box 235 - West Secramento, California - 95691 CX holding ue quite well the past week. $11 / 18$ KARS-860 11M WI E/oft 3:30. $11 / 19-$ KBLC-1270 Cal. ID © 11:30am, daytimer here. KYMG-1420 Coos Bay, Ore. RS © 7:28pm s/off at 8pm, good battle w/KSTTI/KUJ? 11/20- New station in Mendocino Co. on 1520k Ior a surprise @ 7:32pn. I didn't hear the call but CP list shows MFB/for Mendocino-Fort Bragg, heavy QRM from KCMA/KACY. Noted again 1121 but racnstorm later that eve must have done something to KFBK as they have been modulating over $1520 \& 1540$ ever since. 11/20 again, KNIN-580 Ore. u/KMJ @ 9:15pm. 11/21-KVIO-1600 Ariz. f/c-TI 2:21-2:30; KPAL-1450 f/c-TT 3-3:03. I called station, engineer said he would verify. I sent. three reports to him since $1958 \mathrm{w} / \mathrm{no}$ enswer' hope this works. KGAL-920-Test in I\&C 33:30, no WIC-1510. KICY-850 first time this season @ 4 am. KNOT-1450 unn f/c-TT 4$4: 12 \mathrm{~s} / \mathrm{ff} \mathrm{f}$. ETer on 1410 unID, seme on 630 , both about 4:35-4:45. WESC-660 SC easy $\phi$ on RS @ 5:37. 11/22-Good night for W sigmals. Orientals all over. New one on llzOk (e 10:10am S-2 signal w/deylight outside, probably China. 11/23-Same station on 1120k heard @ 3:20. 940, unID Erier 4:37-on, CJGX-940 Sask. "GX-94" @ 3:41, XEBG-1550 must be AN now. CFGP-1050 CBC program © 4 am , log on KTRG-990 4-4:30, KEEN-1370 is AN, has very bad modulation, UFO on 1210 © $4: 43$, sounds like Japanese. Chinese on 645 k w/nice S-3 signal © 4:55. UFO u/WCCO © 4:57, cne u/WGN © 5:18. 11/24- To Len Kruse, KCBQ1170 is AN \& KPUG is not, they s/off (e) 4 am , sorry 'bout that. UnIX QRMong XETRA badly @ 4:33, is this KIMG? (KING is on 1090 Don, -ERC) KTNT-1400 Wach s/off 5 am , tnanks JWH. KXIV on top them. Koean on 635k © 5:17. PM, I tried to take a log on KUZZ -800 , 260 sir miles, 250 w from l-3pm PST, not much success, they were there, but just barely. CKOK strong after 3 pm . Veries from KAAA-1230 KYLT-1340. 73s.

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\text { Frank Wheeler - } 6589 \text { Wattsburg Roed - Erie, Pennsylvania - } 16509
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Time for another small treport from the Lake Erie Regrons. I picked up some new ones while trying for stations for the various Contests, as follows: 10/21-KLVI-560 6:30am 10/25-WKIN-1320 12:33am ET. 10/28-CBJ-15806:15am. WBIC-540 s/on © 6am. 10/3IWKIX -8503 am , WJPB-1220 TEST. $11 / 5-$ WMOO- 15506 pm s/off. $11 / 6-$ WNWI- 1080 TEST. $11 / 14-$ WIKO-1080 1:25em test. 11/15-WIDD-1520 12:12am. 11/17-WJIC-1510 TEST, WCSR-1340 on for IRCA. 11/25-WHWH-1350 12:25em test. CFGM-1310. 11/25-WHYP-1530 (new local, North East, Pa. 14 miles E of Erie) now on. That's it up to date. vis from WIMJ and WWI, both on for NRC. Totalsphnow 2,492 heard, 1,545 veries. May you all have a MERRY CHRISTMAS and get a lot of new veries for Christras presents. 73s.

Bernard Duffy - 1100 Clove Road - Apt. 6H - Staten Island, New York - 10301 The only new DX catches that Ive Jogged this season are WCST-1010 Berkiey Springs, W. Va. \& WJIC-1510, Salem, NJ, both weak-signaled. 11/28-WSBA-910 York, Pa. too loud to enable WBRJ Chio to come through w/its promised test. I'm sorry I was unable to at tend Hubert's DXers' get-together. (We were too, Bernie - HRC )
AS THEY SAY IN DOVER, NJ, "WRAN." "WE REALIY ADMIRE IRRCERS." in during October. However, becsuse of being rushed to the hoepital via anbulance in the wee hours of $10 / 7$, undergoing serious major surgery, leaving thethospital after three weeks, \& now TRYING to recuperate at home, I'II try to get in a Musing now \& ther if I have anything to send in. I intended to phone Dick Cooper on 11/12, during the DX get-together, but-felt pcorly all that day \& stayed in bed. How I would have liked to have been there! Myife was hospitalized for seven months so 1966 has been a rough year here. Nov. DX: $11 / 10-1$ took a 10 on WTAL-1250, for a ne2 call \& my \#179 call from Pa. 11/11-Unn WAWA-1590 West Allis. test w/0C 1:15-1:30 \& later. 11/12Unn WJSO-1590 Ionesboro, Tenn. had long BI $/ \mathrm{mx}$ \& TI 1 '15-2:24 s/off. 11/14- I took a "look" at 1010 ofter WINS s/off \& fcund CFRB so stroge ( 20 db o/s-9) I knew. I could never read the TEST from WCST w/their 250w \& as I was tired, no MM DX. I took another davtime log on WHEE-1520, Mineola, NY as they never QSLed an earlier report. MM 1I/2lUnn WDOV-1410 Dover, Del. TT 1:15-1:30 teeting AM \& FM XRs. WUIC-1510 Salem, NJ TEST well heard in clear for solid copy. I tried for WCSR-1340 Hillsdale, Mich., supposed to be on ET but no go through the 1340 mess. Some TT, but I could not ID. $11 / 22-F F$ on 970 from 1:40-1:55 completely covering WWW, $\frac{2}{2}$ robably un CKCH, Hull, Que. but I didn't know they were on so late. Maybe AN? (They are, Hel - AN-6-ERC) 11/24-At 1:15 I was much surprisedt to hear unn WLOB-1310 Portland, Me. topping the frequency, at 30 ab o/5-9 on what seemed to be RS. Never heard here since their initial ETS. 11/26-Unn CJOC-1220 Lethbridge, Alta. $s /$ off © 4;02 in the clear. I haven't heard them in years. After their s/off needed CKDA, Victoria, BC heard, but not good enodgh for a report. 73. (Welcome "home" to the NRC, Hal, \& glad you're well again! -ERC) Henyy T. Tyndal1 Jr- - Box 111 - Shelburne, Vermont - 05482
Milestones: Four JBC QSLe from Jemaica for $1960-1$ receptions. Each \& every one of these due to the kindness of Mike Silvera \& the CE. Thanks a million, Mike. The four HaGs were easy to oerie but I had given up on JBC. Very little Summer DX prior to leaving for Nova Scotia on $8 / 8$. We went 3,769 miles in all \& pulled the trajler 2,629 miles. Rugged country \& very beautiful in various sections. The Cape Breton area is magnificent \& the 184 miles Cabot Trail is a "must". I payed 17 golf courses w/the Highlends Links ot Ingonish the most challenging of the 474 courses we have played. It was a CBS Classic \& is one of NA's finest courses. It took nearly six hours to toil over it. I didn't have time to look up any of the IPRTs but drove by CFAB-1450 Windsor, \& marvel how they get out at all; mast does not look over $30^{\prime}$ tall \& in a pocket. However, I heard them in $194 \%$ \& know many others have. We were in NS 30 days \& covered most of the sights. Glace Bay brought back. fond memories of the old VAS WX station, on for about ten minutes or so \& around 10pm, back in the 20s. Alexander Grahem Bell's museum is supurb \& the old ruins of the Fortress of Louisburg was very interesting. At this point I wish to thank Dick Cooper \& his familg xas for getting out DX NEWS for so long. It is a big job \& one that was well done. I am sure John Callermen will continue thie work \& Gordon Nelson's fabulous knowlegge of modern foreign DX Will be a vast help to the DXers. With Emie \& JWB at their old job the NRC should continue to prosper. My best wishes to all the officers \& members for a. Merry Christmas \& a Heppy New Year. A bit aifficult to keep up former correspondene while moving around Florida in the trailer so some of you will not be able to reach us Wife was in hospital 17 days last Octcber \& is very good right now, so we have the Dr ${ }^{1}$ : OK to leave for the Sunny. South. Gcod DXong to you all! 73.

This is the end of Thanksiving vacation for me \& Im just about ready to head back to school. A. 1 new loggings were in the Last 30 hours of vacetion. 11/26-WSKI-1240, Montpelier, Vt. finaliy e 5:51am; VIIC-15lo Salem, NJ @ 4:44pm s/off, \& Surinem-725 e 7:33pm for a new country. 11/27-WYMI-1250 Madison, Ga. e Sam s/on, while trying for WETU $s$ /on as in DXDD. I also noted unn WTMA, SC $s /$ on at samettime. WDVA had been more or less in the clear before 6:00. Logginge now total 1,099. Veries recently include WMWI Special (thanks Rogeo) \& WRKL ( $\mathrm{v} / \mathrm{q}$ ) which shows their radiation pattern as major lobe $S$, minor lobe $N$, \& nulls F\#YE \& W. The six, closest BCB stations never heard here are: WRRC-1300 Spring Valley, NY ( 41 miles), WKIP-1450 Poughkeepsix, NY (52), WICH-1310 Morvich, Conn. (670), WKNY-1490 Kingston, NY (67), WBRA-1590 Piainfield, NJ ( 71 miles 0 hi Ernie!) \& WTXO- 1490 W . Springfield, Mass, 73 miles. That's all from here, except to say the WOWW is still on 860 , \& WOWE-1600, Troy, NY, is still silent.7: AS THEY SAY IN AIBANY, OREGON, "KREP WRITTVG IN LETTERS" - to Musings, of course!

## Steve Veinstein - 435 Jayson Avenue - Pittsburgh, Pennsylvania - 15228

Hi. I haven't done a lot of DXing lately due to an increased amount of schoolwork at Pitt. Veries: v/ of IRCA, WML. DX: MM $11 / 14 \times$ WOKS -1340 lam ID on test $w / O C$. Loud $S S$ on $770 \mathrm{w} /$ terrible modulation $1: 15 \mathrm{~m}$. WSMB-1350 ET/TT 1:17. Another loud SS on 1260 playing EF rr 1:23em, sounded like "R. Capital." WCST-1010 TEST 1:30am, very weak throughout the TEST u/CFRB. KCUB-1290 1:50am w/jazz on a clear channel; KOIL/WIRL both off. CBR1010 2:02em. Yet another poorlh modulated SS on 980 booming in © 2:1lam. WIRK-1290 EI/OC 2:25am. WMII $12902: 27 \mathrm{am}$ ET/OC. WICE- 1290 noted weakIy after KCUB's 3 mm s/off. MM 11/21-WJET-14C0 1:O2an, rerely heard here for some reascn. WHBY-1230 AN 1:05am. WJBC-1230 1:OGm s/ofr. KXEO-1340 f/c-TT 1:05-1:20am, a change for r/c? WTBC-1230 1:20am. WDKD-1310 f/c-TT 1:20-1:45am. KRKO-1380 1:35am u/wBNX. WFFZ-1590 noted AN$\mathrm{c} / \mathrm{w}$ 1:50am, hi Dave Schmiat. KNLA-1530 $\mathrm{f}_{\mathrm{c}}-\mathrm{TT}$ 1:45-2. WAAO-1530 f/c \& ET $/ \mathrm{M} 2-2: 15 \mathrm{~mm}$, evidently a r/c now. WING-1410 off, no IRCA Special heard. KWYO came through w/their $r / c$ tnough. I had a couple of RSers in there, but an OC (peobably WING's, hi) rijined them. WYSL-1400 2:05am. WIRL-1290 Fack 9 n this AM, but KOIL still off. WJIC-1510 TEST easy during thole half hour. WBTS-1480 EP/M 3:08mm E/on W/SSB. X WLOK-1340 3:35 am/ 11/23-WWOK-1480 AN-c/w, so definitely AN-6. 11/25-WIIM-1450 controlling frequency at 1:30am. Tirana-1214 $\mathrm{v} / \mathrm{man}$ in SS 1:30am for country $464 /$ I had them a few weeks ago but thought they were the BBC. Join the Contests by $12 / 15$ ! 73 s . Iynn D. Brooks - 4654 Stanford Avenue - Wichita Fa11s, Texas - 76308
Hi. DX since last week's Musing: M 11/21-KABC-790 Cal. 2:53am w/s/ofie 2:57am w/ Lord's Prayer, male vocalist. KSIP-1500 Minn. 3:04am. No luck on WJIC-1510 \& KGAL920 Specials due to terrific amount of QRM. Also. on $11 / 21$, WHK-1420 Ohio $3: 18 \mathrm{am}$, WRR1310 Tex. 3:30, KICK-1340 Mo. 3:31em w/TT. This TT from KICK kept me from hearingthe WCSR-1340 Special test. WIFE- 1310 Ind $3: 38 \mathrm{am}$, only second Ind. heard here). WIIS1320 Mich. $3: 43 \mathrm{am}$. Sat. $11 / 26-\mathrm{KRNY}-1460 \phi \mathrm{Neb} .6: 47 \mathrm{am}, \mathrm{KWBE}-1450 \mathrm{Neb} .7 \mathrm{am}$, WLAC-1510 Term. 7;06, WKPO-1510 Miss. u/WLAC, s/on 7:14am w/America for fifst Miss., unID s/on u/WLAC © 7:30 w/SSB, WAMY-1580 Miss. 7:32em NX, KWBB-1410 Kan. 7:40am. Boym I never heard Miss. before, then catch two in the same AM. I sure hope to catch some of the Specials in the morning, MM 11/28. Veries in from KSAI-1150 \& WIMJ-620 v/q. I hope to hear soon from some CPC letters which are out. To John C., I will write soon! I was sure glad to see all the new members we are getting from Houston, Texas. Best of DX to everyone. CU in 7.73 s .
AS THEY SAY IN FLORENCE, SC., "WOLS." "WE RE GIIE ITNE SHOET."

Hullo! It'e been a long time since ny last Musing (last week, hif). I gyess Ente is getting mad at me for taking up so much valuable space (especially for these corny jokes, hi). BIG news in Houston!! I have a new cat whion I named for the Houston members of our local chapter of the NRC. His Iroper name Is Jody Keene, his Christtion name is Walter J. Campeli (J. for John) \& his nickname Ken. Look out Massa., NY, Pa. etc. fer we'uns hyar in Houston is out to steal yore image as DX Heaven. Oh, we?1, I better get down (up, maybe?) to DX xuz I've already made enemies of the Houston members, not to mention the NE states. New stations here are: KOB CKIW (I've never heard a. U.S. station on SOO) WCBS KIVBR (My White's Radio Log liets it identically on 670 \& 680), WORA KXA KRRV KMBC WSLI WSAZ WSIX KPDI WDSU KALL WMAZ WBRC WXOK WFIW/ WRR KILE KXIR KFJZ WACO WHAM WIBV WCFL KXEL. ERC, I hear an SS on 2155 quite of ten, who is it? (R. Americas - ERC) KOMA WMC WKPO KIMN KICU KOGT KSAL WJBO \& yhat's all! Anther one, $\operatorname{BRC}$, where do I send all these unsked tests I've been hearing? I've heard poads of them, but whom do I tell? (DXDD' $\leq$ a $\operatorname{cood}$ place, Billy -ERC) Reports are out to WCAU KIIE TMOX WCBS WBEM WSB KXEI WKYC KNBK CKLW (my firct Canadian w/signals that sta ed long enough to report, thanks to a tip fron NRCer Ken Jennings) \& KOB. WLAC ran a strong ofteste MM11/21, of which I/lomed two. Who fan an f/c on 1490 11/21? It sounded like it might have been KRUSin La: QSIsin Ye olde Mailboxe have been ultrascarce lately, even w/18 reports out - frsutratíne. I wonder if Alan Merriman will let me be on his CPC? I worised up to courage to write him, but nofreply yet. I think I'IL report to DX Down the Dial. I notice that column is more or less deserted except for a fer DXers who make up the whole colum. Maybe they might use some of ny areports, eh One last querie. Who is most likel the EE u/WCCO © 5:30? 73.

Fred Mordaitet - 2001 North Minco Road - Box 133 - Tu1sa, OkIshome - 74136 Greetings. DXing has been good the last two webke. However, no veries in since $11 / 6$. Here is recent DX: 11/18- KRBC-1470 Tex. 6:4ppm rr, KARE-1470 Kens. 6:49pm NX, KSO1460 Iowe $7: 35 \mathrm{pm}$ NX. $11 / 20-\mathrm{CKM}-730 \mathrm{Man}$. u/XEX $10: 09 \mathrm{pm}$, religious program. $11 / 21$ -KYW-1060 Fa. 2:53mm NX, XERF \& XEG,Mexico, both W/WoIfman Jack $2: 55 \mathrm{am}$, WGY-810 NY w/AA
 3:40 mm me CKCK-620 Srck. 3:41 mx. 11/24-WKNX-1210 Mich. 6:59am, WCIT-1210 I11. s/or 7 mm , WOWO-1190 Ind. 7:04am NX, KPAB/WBT-1110 Nev/NC 7:08am NX, WIBC-10u0 Ind. $7: 15 \mathrm{w} /$ lost-8, round ad, WPEO-1020 III. o/KDKA 7:20, WGUN-1010 Ge. 7:23, KWOC-930 Mo. 7:31am, WRFD-880 Ohio I\&C 7:35, WAIT-820 o/U WFAA 7:51 WX, CKDM-730 Man. BX 8em, WPOK-1080 III. 8:26em, no KRLD ORM w/market report. $11 / 25-\mathrm{KOWH}-6605: 43 \mathrm{pm}$ o/u KSKY, WOI-640 Iowe s/off 6pm, WKAZ-950 WVa. 6:09pm rr. 11/26-.WSIX-980 Tenn. 9:14am, WCIL-1020 II1. 9:198m, KSWS- $1020 \mathrm{NM} 9: 25 \mathrm{~mm}$ NX, KWAM-990 Tenn. c/w mx, WKYC-1100 Ohio I8CC 9:43am, KTTT-1510 Neb. 9:51am. That's it. Totals now at 482/127, states 39/33, provinces $6 / 3$, foreign, $13 / 3$. 1480 is best frequency $w / 11$ logged. WTGR-1520 \& WHIC-1510 are. best catches. I will be dratted into the U.S. Army on $12 / 6$, so this will be my last Musing/ It means no more DXong for two years, ugh. It really has been ereat being is the NRC these two yeers. Keep up the good work, you all. 73. (Good Ihek to you, Fred, \& let's heer from you from time to time! 2 TRRC PFC hiniswingley - US 55844733 - B Battery - $1 / 78$ Arty = 2nd AD - Ft. Hood, Tex. 76545 Fi Geng! It's beem quite a while since I've been in this pert of DX INWS so I thought Ihed better send one in. Most recent DX: 10/5-KXIR-1150. 11/12-KICU-1580 s/orf at midnight. 11/14-KIOL-1530@1:35am $\mathrm{f} / \mathrm{c}$. A;so on 11/14, KIMX-; 450 e 1:40am f/c. 11/15- Now this was a nice MM to me. I logged WiNI- $1410 \mathrm{KGFL}-1430 \mathrm{KMSM}-1380$ KCUI-1540 WLCS-910. Létest veries are: KBAT-680 in Son Antionio, KLOI-1530 in Lin- $\neq$ coln, Neb., KLMX 1450 in Clayton, NM. For some reason the Specials Just bewen't been coming in down here too well. Of course, I really don't have much time to do any real DXing w/the sked I have to keep arcund here. To all the guys I owe letters to, I'll try to answer them as soon as possible. Well, I gueselit's time to close for now, time to go to work, see you in seven. 73 s . Norm Shacat - 200 Beinbridge Street - Malden, Messachusette - 02148
Sorry, I missed last issue. W/basketball practice I've omy had en ugh time for homework, so no DX or Musing. The last cut is Monday. I've survived two bit I don't' think I'Il make it through this one. For all interested, in the netion's second oldest rivalry, Malden upset Medford, 25-13 on Thanksgiving. Candy, your 620 SS may hav been the Canery Is. I hope many eastern Mass. DXers can make it here on $12 / 10$ from 12-5pm. Reports out to Berbados, WKYC, CrTN \& WOCB. Veries from WWV-10mg/s; w/a brautisui QSL. Address Dept of Commerce, National Bureay of Standards, (P.15) $11 / 14-\mathrm{KFH}$ © $1: 58 \mathrm{am}$, WLOB 2:14am, BBC network on 1214 , \& 1457 k . The both of them were in quite clearly, however at times u/BEC-12il there was another station, where? Every so often I heard chimes. Then on 7187 there was R. Caroline woxth. MM II/21At 2:03, $1410 \mathrm{KMYO} \mathrm{w} / \mathrm{WT}$, in for a nice report, Wyoming \#1, KDON -1460 © $2: 30 \mathrm{~cm}$, WTIC1510 © 3:06am, in like local WMEX. Strenge enough, WMEX was testing w/an 0 C all night until exactly $3: 00$, \& then e0 3:30t they qame, back on, just as though someone asked them
 3:55. WPET-950 w/s/on @ 4am. 11/25-535k, Grenada @ $5: 10 \mathrm{pm}$, then on 529 k , Algeria, in w/an amazing signal. This was at $5: 40 \mathrm{pm}$. Letters out to WOK BBC KFH TPET KIMI WHOP WJIC KDCN \& KNYO:

Soul Ash - 910 Meehan Avenue - Far Rockanay, New York - 11691
Greetings. DX: 11/16-WAPI-1070 $5: 33-5: 35 \mathrm{pm}$, herd w/CBA; WAKY-700 5:18-5:26 w/rr w/ beatiful signal at times on $11 / 18 ; 11 / 19-$ CMQ $-740 \mathrm{w} /$ the whole jumble of LAs \& what is either KIRH or KRMG © 10pm u/CBL. 11/20 WJSO-1590 © 5:16pm $5 /$ off w/a beautiful signal: $17 / 21-M M-W E Z Y-1350 @$ Iam, WIRI-1290@1:21 W/my slop-happy friend WADO off, CBH-860 © 1:26, WDIC-1430 TT w/WNJR of ee 1:31. They were using phonetics, \& WDKD1310 TT also w/phonetics. $11 / 22-$ WNPN-1300 5:15-5:21 $\frac{1}{2} \mathrm{pm} \mathrm{WmNX}$ \& $\mathrm{rr} . \mathrm{v} / \mathrm{s}-\mathrm{WJPS}-1300$. Is anybody else in the club a FB Giant fan? I need someone to console with, hi. Remember all you kimmo-savrys, keep lisrening to the great one, Big Dan Ingram. I almost forgot to mention that Ernke's get-together on $11 / 26$ was reallh great, I had a good time, \& $I^{1}$ m sure everyone else did too. As far as SCs go, I have unlimited supplies of WRL (hi) WISI (Inave all the winners, hi ageimi) WMCA \& some WABCs. I will soon have "Batbruce" pictures (who else but Cousin Brucie dressed as our great crime fighter) \& will trade them for other SCs, preferably bumper stickers, or the like. 73 s Jeff Kadet - 8047 Park Overilook Drive - Bethegda, MaryIand - 20034
Veries: $\mathrm{V} / \mathrm{l}-\mathrm{W} \mathrm{F} K \mathrm{O}$ WJPB WIWI WIIJ. $\mathrm{v} / \mathrm{q}$-WHOW (the second one from them). DX fall reported): 11/20-WREV-1220 5:03-5:15pm s/off. WESY-1580 5:48-6pm $5 /$ off. KFDF-1580 5:1: $-5: 15 \mathrm{pm} 5 /$ off well o/WCLS/CBJ. On-11/21, WRAN-1510 ET/OC 2:09am for a long zought station. On the same morning. FDON -14 60 Was finally noted steadily atop KENO so they were copied w/rr from 2:030am s/off as well as WKSK-1600 f/c-mx 1:15-1:20 (the announcer said they begen at lam) \& WDXI-1490 r/c 3:38-3:44 w/IDe every minute. $11 / 25$ produced the $\mathrm{i} / \mathrm{c}$ of WCRV-1580 from 12:01-12:40 m w/programing which scurded 1 like RS except for infrequent periods of IT . $11 / 26-W C M E-900 \mathrm{ET} / \mathrm{IT} / \mathrm{mx}$ for a welcomed addition from a rare state. Two new 1220-ars were nabbed on $11 / 27$ : WDCJ \& woAH; both w/s/on © 6:45an w/interference from the cl mx Cuban.

$$
\text { - Ernest R. Cooper - } 438 \text { East } 21 \text { Street - Brooklyn, Ner York - } 11226
$$

Hey hey - a verie in from WDI-1490! It's the one and only, though Well, we had a swell crowd and a swell time at the annual get-together, and thenks to all the NRCers who came - from N.Y., Com., N.J., Pa/, \& Va. The furthest was Chuck Rader, all the way from Hamburg, My, w/Alan Merriman up from Alexandria, Va. See you all next year, I trust! DX: I was up for three hours $\phi$ on Thanksgiving morn; with no new loggings everywhere you turn, there's piles of ANS, phooey. Unn WNBF-1290 was on AN, atop the frequency/. Un wNPV- 1440 ending $f / c$ © 12:36am. UnID IT on 1290 u/WNBF till $12: 29 a m$. Possibly WLCB-I $530 \mathrm{onr} / \mathrm{c}$-IT \& mx $\mathrm{u} / \mathrm{WCKY}$, but it could be heard only when WCKY was talking, \& then just barely, no report possible. $11 / 26$ - I IDed the 735 SS as R. Tricolor in Bogota. 11/27- Another nothing mom, but um CKSO-790 was on top of this spot, apparentiy is AN-SMe. $11 / 20$-MM- KPUR-1440 $r / \mathrm{c}-\mathrm{TT}$ heard way $u / C K P M$, not enough to report. Langenburg-1586 in S-7-9 here for a report; seems to open at 1:54am, after several minutes of an IS. Not one of the IRCA teste could be heard here. Who was the AN ET/TIT/OCer on 1220k? J. Starr \&w. Boyd - WHOT-1330 heard on 950 e 4:05am! CUN7

Froq. Cull Location Romurts
550 TDEV Jutorbury, Vt. AKDy S/on is 5:00 AM. Duvo schnidt
560 WIL Philualphiu, Fu. Now NSE ; AN-7, Schmidt
590 MEEI Boston, Huss. Hut on ET W ID $4 t$ 3:20 AM on $12 / 28$, schmidt
800 CJAD Montreul, OUo. Notod AN on $11 / 28$ w good music \& ID's on tho hour and rlugging 1967 Exposition, Schmidt
920 KARK Inttlo Rock, Ark. Fow AN MM's with Holiduy Inn show, Schridt
920 . BH3 surlington, N.C. TkDy S/on is 5:30 AM W SSL. Schaidt



960 . HY Curlielo, fu. SM G/on ut 6:55 AM. Wh
990 wilg Ehiludoiphiu, Eu. Is NSF with rr diructionul SE, Sohmidt

1260. TITD Wuwport Nuws, Va. WkDy S/onis at 4:00 AL w cw, Schmiat

1290 TCE Erovidoncu; R.I. M S/0n is $5: 00 \mathrm{KN} \mathrm{w} \mathrm{rr.}$,

1290 MIL Milwukto, Jie. Hud ET/OC ut 2: 27 Aif on MM 11/14, vuinstuitr


1340 VOKS Columbus, Gu. Hud PI/OC at $1: 00 \mathrm{AM}$ on MM 11/14, doinstuin
l350 TSMP Now Orlouns, Lu. Hud ET/TT ut 1:17 Aif on WM Il/L4, Joinetuin

1350 TAVC. Wurver Robins, Gu. ikDy S/on ubout $4: 58$ AM. Jw, hil wiNY huro 34 thut
1350 TAVY Fortemouth, Vu. ikDy S/On 5:00. AM (SM ut 6:06) tuking ovur the spot, Jwis
1420 CJVR Molfort SusE. S/Off ut l:00 AM., Johnson
1440 WCHE Inkstor, Mich. Mot S/on w gospell musie, Schmidt
1460 : FON Fontiuc, Mich. Duily S/on w C-W ut $4: 30$ AM., Schmidt.
148C. WYZ Atluntu, Gu. Drily S/on 4 :00 AM w Country Jin show ( $\mathrm{c}-\mathrm{w}$ ) Schmidt



1510. ATM boston, Whes. Ma S/on is 5,00 AM, is AN-G, Schoidt


1590. WEEZ Choster, Eu. jont AN-6 w "Juch Ribbit Show' (e-wion 11/21, silent juriod is sunduy morning, Midnight to 6:00 AM., Schmidt.

Wuy TNX for fino w/l of NTIROger, Suro sorry ovorslupt on iJIC tost, so missud it
tusts a totol lose on $21 / 2 e$, not ovon SERJ hourd, ull TSDA Jon 910 horos a vory wot
yoisy AM horo, JTI.
$\sqrt{2} R R X$ STARR called us as we go to press to inform of a special DK program dedacated to
the National Radio Club by his station WHOT. The program has been taped and will be aired on Monday morning, Dec. l2th from 3:00 to $3: 30$ a.m. EST. Jerry asks us to urge as many members as can to give a listen and send in a report, even if you have this station verified. QSL crad, coverage map, etc. will be sent to all those sending correct reports. Also, THREE ALBUMS for the THREE MOST DISTANT REPORTS. We should remind you that WHOT is automated and this program will be part

We renind you that WHOT uses 1,000 watts directional at night, and has a different directional pattern daytime but only 500 watts:

Editor: Joe Fela, 167 Goodwin Ave., Newark, New Jersey 07112

East-West Symmetry and the Fade-in Problem<br>by Gordon Helson

The unexpected successes of the E20 fade-out predictions described in the RRC builetin last surmer leads one to investigate the possibility that sunset effects may be dominent in controliling the fade-in time for trans-oceanic stations. It is obvious however that that one cannot directly obtain fade-in predictions from the same set of considerations that produce E20 times. Fade-out is due to the production of an absorbing layer of ionization caused by the sunlight illumination that begins at sunrise near the transmitter site. On the other hand, fade-in is due to the loss of tonization which begins ais soon as sunset cuts off the solar illumination which produces the ionization. Since the rate o: loss of ionization is not the same as the rate of production, the production equations used in the E20 program must be replaced with an equivalorit set of equations describing the loss of ionization. For a number of reasons associated with the form of the recombination (i.e. loss) equations, it is rather obvious that fade-in predictions aro going to be less accurate than E2O predictions; a final uncertainty of 30 minutes would not be surprising. Nevertheless even relatively crude fade-in predictions would be considerably botter than what we now have. While morking on this problem I have been thinking about East-West symmetry and I think that oertain information about TP fade in tines might be gleaned from observations made of TA fade-in times.

There is a most interesting symmetry between the TA and TP fade-in cases that might allow us to get an idea of when a TP station will fadeif wo know something about the fade-in of a TA station on a similar path. In each case the signal is being blocked by a highly absorbing layer in the sunlit West; in each case the signal (TA or TP) cannot como through until this absorbing layer has disappeared by a certain amount due to sunset. Consider the following schematic diagram which ropresents the approach of sunset at the western end of a long path:


The dotted line represnts the signal path (a great circle) and the line of x's represents the light-dark shadow boundary. This boundry is moving toward the West and when it reaches site A it will be sunset there.

One of the fundamental principles of communcation thoory is that of reciprocity which states that generally the transmitter and receiver can be interchanged without affecting the flow of information between them. There are a number of qualifications to this statement and woll got to thom in a moment. If the transmitter is at site A and the roceiver at Site $B$, wo have the TP case and the amount of signal recoived in the East depends very much upon the behavior of the sunlit portion of the path since most absorbtion of the signal occurs there; any signal that manages to get through the sunlit portion if the path then finds relatively easy going in the darknoss. Now consider the situation whero transmittor is at site $B$ and the receivor is at Site $A$;

## SPECIAL FEATURES SECTION

this is the TA casc. The transmittor is in the dark and so the signal oncountors littlo attenuation until it roachos tho sunlit part of the oath in tho West; the signal is then vory strongly absorbed and very little if any can make it to the rocoivor. Notr the ossential symmetry is obvious: in each caso the signal is blockod by the sumlit part of the path and cannot break through until sunset has occurred noar the western ond of the path. Hotr we vilil state our basic thesis: If a simal travolling Wost fados in $X$ minutes boforo sunset at the rocoivor site, thon an Eastbound signal on a similar path will fado-in X minutos boforo sunsot at tho transmittor site. It is thoreforo obvious that a study of the fade-in time of TA stations might yield valuablo information on tho time of fado-in on TP stations.

Thoro aro sovoral factors which will disturb this symotry and wo should montion thom boforo prococding furthor. 1) Strictly speaking, it doos make a difforonco if tho signal is travelling East or Wost bocausc of tho Earth's magnotic ficld; this offoct should bo completoly nogligiblo in practico. 2) tho timo of intorest is not local sunset but rather the time of ionosphoric sunset at the control point for the path in quostion; usually this is not important but should not be forgotton. 3) Joisc levels aro much higher (by a factor of 5) at night than during tho day; thoroforo TA stations should be hoard carlior bocauso the first woak tracos of signal will fado-up from a quictor background. 4) TP signols usuaily travol much further than TA signal and so will encountor rioro absorbtion in tho dark portion of tho path; thoroforo TP signals should be woakor to bogin with and again should fade-n later with rospoct to sunset. 5) Unloss the transmittor and rocoiver aro on similar latitudos rospectivoly, thero can bo a difforonco in noiso lovol duc to the differoncos in distance from tho Tropical noiso sourcos.

In summary, wo would oxpoct to find that TP's usually fado-in lator with rospoct to wostorn sunsot than do TA's. Undor raro conditions it might bo possible for a T'P to fade-in as oarly as the timo that a TA usually broaks through; wo do not, howover, oxpoct to ovor find a TP fac in as oarly as tho oarliost ta fado-in. Woll nov prosont a bit of data on roal fademin tinos. The first colum is how carly tho station fadod in comparod to sunsot (at transriftor for TP's and at tho rocoivor for TA's); tho socond column is how oarly fado-in occurrod with rospect to sunset at the $E$ control point; tho third column is actual time of fado-in.

| Station Fe | Fade-in tirno; minutos bofore local sunsot | Minutos beforo control sunsot | Fado-in timo and date. |
| :---: | :---: | :---: | :---: |
| Japan-750 | 44 | 43. | 0204; 10/17 |
| Pyongyang-655 | 46 | 52 | 0310; 10/17 |
| Unid-955 (Burma) | ) 34 | 46 | 0526; 11/8 |
| Portugal-782 | 132 | 123 | 7105; 11/21 |
| Portugal-782 |  |  |  |
| (carliost hoard) | d) 165 | 156 | 1329; 11/27 |

Early JoIB timo roportod by Scringeour: Pyonsyang by Godwin; 955 by Froonan; my obsorvations of Portagal. On tho basis of tho oarlicst reportod rocoptions of othor Asians around lato October and oarly IJovomb as roprosontod abovo, it socms vory likoly that 955 is indood Rangoon; in partiular noto the similarity of fado-in timos for all throo Asains with rospoct to tho control point dawn. This is not to be takon as any sort of proof that 955 is Rangoon but only indicatos that tho unid of 955 bohavod quito as Rangoon might be oxpoctod to. Fiuch moro data on fado-in timos is noodod. I hopo that mombors can furnish somo of this data; I (Goxdon Nelson) wolcome any commonts or suggostions.

## INTEIIM EDITCR: John A. Callerman, P.0. Box 454, Houston, Texas 7700 I

A REMINDER_...
Internctionel editor Gordon Paul Nelson, 19 Irma Ave., Watertown, Mass. 02172, takes over editorship of this colum with the December $31 s t$ issue. His first deadine w1ll be oither Dec. 26 or 27 . Also, retell that, bocause of our past experiance with very light issues around Christmas time, not to mention the extra holiday burden on editors and publisher, we will not have a December 24 th issue. This means my 79 th IDXD column, dated December 17 th, will be the fingl one for ree. Decenber 12th will be av final deadine. Itm Aldefoy chocked with nostalgial

|  |  |  |
| :---: | :---: | :---: |
|  |  |  | DOMTNICAN STATIONS TO GET POWER IMCREASE

By Cesar Obj10
Several Dominican radio stations were given aithorization by the Direcoion General de Telecomunicaciones to Increase trensmitter power after their requests were presented and accepted by the N.A.R.E.A. Stations to increase power to 10 kW are R. Wifl HIEE on 1190 kes . R. Comercial, HIvP on 1020 , and R. Universal HIAT on 650, ell in Santo Domingo. Up to 5 kW will be R. HIZ on 740 kes , R . HIXZ on 1350, and R. Continental HIPJ on 890, in Santo Domingo; La Voz del Progreso HIBC on 1250 in San Francisco de Macoris; Radiolandia hibe 870 in Sentiago, and R. Constanza HIDO 1450 kes . In Constenze.

There is a new station testing in Santo Domingo, Radio II Mundo on 1560 kes , no more informatica hes been obtained, since thay don't announce address or telephone number. As soon as they mention it, I will try to get it. Also, I have to find out ebout HIZ and HIXZ, both of which belong to the same man end are in the same place. Fight now, they are working in parallel on both freruencies ( 740 and 1350) but ID'ing only as HIZ.
R. 000 a is no longer on 925 kes. , but on 3210 kcs . SW. They plan to use in the future the frequency of 1340 kes. with 1000 wetts. Address is Calle Sanchez, es. 12 de Julio, San Jose de Ocoa, Dominican Republic. Call letters are HIMP (not HIBM as I informed formerly). Cwner is Haston Read.
R. Mel HIEE has moved to 2180 kcs .
(Anci a correction on JiC's retyping of Ceser's previous notes: The station this is else named "La Voz de Ia Libertad" is Eroadcasting Tropicel in Puerto Plata, not Eroadcasting Nacionel in Sento Domingo)
-Cesar Objio, Calle Duverge 24 Sur, Beni, Dominican Repubilo
:: : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : ; : ; : : : : : ; : : : : : : : : : : : : : ; : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
WILL POP BE NATIONALISED?
is the titie of a feature article in the Sundey Times, London, 25 September 1966, forwarded to us by Richard Wond, whioh details the political implicaticns of the Marine offences bill, phase two of yostmaster General. Edmund Short's orusade against the unlicensed offshore broadossters ... which would penalize any Briton who supplied the ships, worked on them, provided records, or advertisad. The firates, with 25 million listeners, are lobbying. The Tory party's broadcasting committee bas recelved a good emount of the lobbying. Ted Allbeury, the 5l-year-old ex-poultry farmer who runs Radio 390 , telked to the committee twice, then ren plees besed in the theme "Ve heve free speech and a free press, Why not freedom of the sir. Why not write to your M P?" Around 100,000 letters resulted. A former MP, Wilf Proudfont, runs Radio 270 , axd hets working on his friends still In Parliament, "If we an just last out till the Torles get beck, welll be all'right," Proudfoot believes.

BUT THATIS LONG RANGE. The problem is how to lest out if the Marine offenses Bill becomes law. The artfele speculetes that lew will immediately knowk out the broadeasters on the forts end Radio Scotland. (Radio 390, Radio kssex and Radio Ctty are on forts.) "FWe'll. just have to operate from abroad,' said the R. London ohicf, philip Ifrch. He will have his ship serviced from Hollend or Spain; shake out the Pritish orew (Burch himselir holds en American es well as a British passport) and replace them with Canadians and fustraliens. R. Caroline has simalar contingency plans. Britain/Bngland doesn't need them: its orew is Latin fmerican and services by Dutchmen. Legaliy, the prrent comprntes of all these stetions are difficult to teckle. Ceroline is registered in Panama, Hadio London and Britain/Ingland in the Bihamas -. eddress which, incldentaily, emable the pirates to concesl who their real beckers are. Curiousty, the most refined legal structure has been developed by Redio 270, whose board is as English as Yorkshire pudang. The stationts 50 shareholders, most of them from the Scarborough area, include three grocers, three farmers, three butchers, a fisherman, an all-in wrestling promoter and a knocker. They are ail skareholders in a Tritish-registered compeny, Ellambar Investments, which has Inaned all its capital (some $\$ 140,000$ ) to an obscure Panamanian company, Progresiva Companie Comerciel SA, which happens to run a radio ship anchored four miles of Scarborough. The agent for Progresive and another Panamanian company, which owns the ship, is necessartiy non-Eritish ... an Australian, Noel Miller, who works on board. The principnl shereholder of Progresiva is the Americen film producer, jack Lamont, an old friend of Wilf Proudfoot. IIt $15, \mathrm{I}$ said Mr. Proudfoot modestly, fprobebly the most watertight sctructure in this business. All he needs to to is replace his Eritish DJs when the new bill comes in. fis lawyer is convinced thet Ellanbar cannot be touched .- there's no law agininst overseas investment. s" 'The worst stumbling block, the article potnts out, will be the limitations on advertising revenue caused by the elimination of Eritish advertisers.

As a result, they're trying to pick up Amarican and French sponsors. Bill Viek, the "obuliient, erew-cut Texan" who runs Eritain/England "is courorted. by the curicusly naive view of British democrecy: he finds it near Impasible to belleve that the Government will risk offending 25 mlli ion listeners. The British won't stand for disceiminatory legislationme they ${ }^{\prime}$ re just not that kind of people. I All the evidence, however, sucgests that they will. And by the end of next yeer the surviving pirates (on present form London, Caroline and Redio 270) will be pitching their brand of pop against the same product nationally networked by a new statutory broedsosting egency. Whether they cen survive such a confrontation until the Conservatives come back to power seems histly problemeitical. If they do, there could not be, in their view, more deserving cendidates for the head of the queue when the commercial radio licences are baing tanded out. Tifter all, said Ronen orkahilly (of Care1ine) sourly, "we are the true oreators of British commercial radio. ${ }^{11}$
 PANAMANIAN REGISTRATION...
for some of these ships brings to mind the operation of RXKS in the eerly $30^{\circ}$ s. All I know of it is that the ship was registered out of Panama, the call letters were Panamianian (in the Pename allocated block at that time), and the ship wes stationed just outside international boundery off los Angeles and ALSO operated as. a gambling cosino. If any old timer can dig up some further information from this one, either I or doe Fela would like to heve $1 t$, I'm sure, for purposes of a fecture artiole. I have seen a verification for this one.
 ADIRESSES OF IMEDIUM WAVE STATTCNS IN SAMTIAGO, DOMINICAN ZEPURLIC

-Cesar Obj10

This will be a further adjunct to the Dominican medium weve station list which appeared in the 10/29/66 issue of IDXD, and the Sento Domingo address list which you received with the $4 / 16 / 66$ 1ssue. -JAC

There are two items of interest, I hope, to IDXD readers your oditor is working on. One is an FBIS aorrection list, similr to the recent VJ list -- the other is a "How to Verify Latin Americe" segment which will include an updated Spanish vocabulery (themks to Richerd Wood) and a five-yeer verie signer list. It is suggested that with the former in mind, itid be a good idea to get the FBIS list on order .... at least Part II ... Soe Page 17, October lst issue, for details.
:: : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : ;
THE FIRST 25 COUNTRIES\&...
As you know, Nic, as part of its Supremey Retings progrem, has eertifieates for eountries verified ranging frol 25 to 150 in steps of 25 . To enable new listeners to shoot for this eertificate, Ifve prepared what I hope will be the first of seversl "Pirst 25 " lists, this besed on reception conditions in the Panhandle of Texes:

1) U.S.A.
2) Puerto Rico WAPA-680, WRSJ- 1560 MM $\mathrm{s} / \mathrm{on}$
3) Trinided, Port-of-
4) Camende
5) Mexice
6) Hawail -K0:L-650 early MM
7) Br. Heridures, Belize 834 eves
8) Jameica, JBC-750, MM s/on
9) Earmuds, ZEM-1-1235 AN
10) Cesta Aica, TIRICA-625, TIFC-2075 eves.
11) Guatemale, TGHR-695, TGO-795 eves
15). Colombia, HJAT-1100, HJLC-1515 AN
1.6) Venezuela, YVLH-650 Mm s/on; YVRG-910 iN
Spain, wivis 730
12) Haiti, 4VEH-1035, evenings
13) Portugal, Lisben-i6
14) Neth. Antilles, PJE- $800 \mathrm{~s} / \mathrm{on}$, evenings
15) E1 Salvador, YSS-655 eves and AMIS
16) JAPAN, JOIB-750, JOKD-1370 MM
17) Herragun, YND-675, YMN-615 do.
18) Now Zealand, IYC-660, 12D-1000 MM
19) France, Bordeaux-1250 around 0100
20) Hondursil, HRTV-715 late evening
21) England, EEC-1214 \& 1457 around 0100
22) Gube, CHWK-830, CMC-640, CMEC-670 YM, FM 22) Senegal, Dekar-764 0100
around 0200
These stetions all off no problem verifying, provided the report 1: good, and elso inciudt are ell 6 continents!

529 ALGEALi/StiTZERLAND; Ain Eelda end Eeromunster pertially soperabie on my new spiroi- joop at 0100 11/16. ID's respectively: "Idhati" ul Gumhriyat ul Gezairiynt ul Demokratiyet wa Sheablyet" and "Schweizerisoher Landossender Eeromunster." Ain-Beida carries the Arabic service papellel oren-546. (Richard E.Wood, 207 f. 16 th , Bloomington, Ind. 47401)

540 SO. VIETNAM. AFRS, Soigon, is 1 kW iN and will soon boost to $50^{\circ} \mathrm{kW}$. (IRCA/Thatland.)
548 ALGERIA. Oran is in with good audio and e het., In Lrabic, most nights. (Randell Kane, 36 Hervard St., Malden, Mass:" 02148)
584 gPaIM A.N.E. Madrid: Fair strensth 0108 10/24. (Kane, Mass.)
600 WhIn. Stetion heerd here around SSS, unidentified lanchace. Flayed recent, but no current, English and us rrhits, YL announcer. No ORM from HJHJ et the time, so it mient have been they. Surinem eiso a possibility here. (Shelcion Milier, 840-80 St., Mara Ieech, Fla. 33141)
625 COSTA TICA. TIRICA, LV de la Vietor, San Jose. I finelly took a report on this regular here. $59+10 \mathrm{db}$ signals. They play much good music and NA type progreming. On $11 / 20$ at 2300 very clear. (Jerry K. Conred, P.O. Box 91, Walton, Ky. 41094)

635 No. KOREA. Heard with weak but audible sienal $11 / 24$ at 0517. (Donald K. Keskey, Hotel El Kancho, F. O. Box, 235, hest Sacrament, Callf. 95691)
640 VENEZUELA. YVCO, Ondes Portenas, Puerto la Cruz. Heard under CMA on 11/21 at 0508-0515. Even with CMO at times. (Randy Seaver, 2119 30th St., San Diego, Calif. 92104) Note, Ernie Cooper, they 've moved from 650, as reported earlier in these pages. (Ed.)
645 CHIN. N1ce S -3 stgral on $11 / 23$ at 0454 , later even with WSM. (Kaskey, Celif.)
647 ENGLAND. B.B.C., Daventry. European service noted in Polish 2315 11/14. (Wood, Ind.)
650 勾KIII, KChL, Honolulu, Strongest this seeso: $21 / 21$ at 0400 , but only 54 on the loop then. Heak, jumky sLenal. Unneeded here. (Conred, Ky.) Noted with weak signal until $0458 \mathrm{MH} 11 / 21$, when a LA station s/on. Anyone know who lattor is? Itm guessing the Venezuelen, an I thought I heerd "Venezuels" during the s/an ennct. (Bruce feynolds, Rte. 2, Wैarrensburg, Mo. 64093) KCRL heard nightly under WSFI. MM11/14n Inud S-7 sLenei. (Kaskey, Celif.)
VEREZUEIA, YVLH, R. Gtrardot, Faracay. Is probatly the Venezuelan noted 11/27 2048-2052 wit: tropicel music and commerciels. (Caliarman, Texas)
655 NO. KOKEA. In nightly. $21 / 23$ and $11 / 245-3$ slegnal at 0301 (midnight here). Usurily quite $n$ bit stronger than KFiir, (Keskey, Celif.)
660 ainiska, RPAri, Fairbeaka, In nightly but weak. Early as 0245 with $5-4$ on $11 / 14$. Didn't verify last yesrs report(s). (Keskey, Calif.)
665 PORTUCAL Lisbon in Portuguese with Amerionn music. Strong $11 / 14$. (Kane, Mass.) Time? (Ed.)
670 Jhehin JOBK, Osake. Nice S-5 at 0453 on $11 / 14$, gives WMar fits Lately. (Kiskey, Calif.) VEMEUELA. YVL, R. Rumbos; Caracas. Heard well with R. Rumbos news andohimes after erch item. Noted $11 / 22$ et C516-0520. (Seever, Calif.) Heard with ID and $S_{j}$ antsh commentary at 1945 on $11 / 19$, but wMA CiM too strong for è report. (Morris Sorenson, Box'93, Emsdale, Onterio) UNID. S.S. Whan end women with French leasons at 2035-2043 11/27, interwove with Cuban and a third SS with soorts-type show, $\mathbb{A}$. Fabuiosa style. French lessons probebly from HRN? (Callarman, Texas)
680 PUEPTC SICO. WAPA, San Juan. S/on heard $11 / 21$ at $0409^{\circ}$ with "LordTs Prayert until after s/on annote., following SSE at C415. No sign of CP34. Had 2 SS at 0500, and on EE too. (Server, Callf.)
683 SFAMN. R.N.E. Sevilia is next to impoesible now wth WNAC NSP. Wes strongest Spaniard last season. (Kane, Msss.) WMC NSF? I can hear'Gordon's teeth gnash from here when he reads of CPB4! (Ed.)
695 GUATEMLL. TGHR, a. Mundial, Guetomia. In well at $0106 \mathrm{SM} 11 / 20$. (Reynolds, Mo.) Heard at 2135 with clear R. Mundici ID n 11/25. (Roger h. Winsor, 739 No. Juniper Dr., Valparoiso, Ind. 46383)

WNID. S.S. Suspoct TGHR, but not readable. WLW/CBF slop bad. (Karchevski, Nass.)
700 UNID. S.S. On top briefly at 0015 , quickly went under WLW. (Kaskey, Calff.) YNSC? (Ed.)
701 MOROCCO. R.TOM., Seben-Aioun. Fair ati 1800 11/14 here in WLW skip zone. (Wood, Ind.)
715 PAMAMA. HRTV, R. Television, Togucicalpa. Ibsd clecrily with slogen at 2215 11/25. (Winsor, Ind.)
720 HTMII.KUAI, Eleele. Under WGN 0300~0400 11/10, nice ID at 0400. (Kaskey, Calif.) U.F.O. Noted Orientel at 0947 whth Sol sigmal on $11 / 22$. Whols most likely? Sounded more like Japenase than Chinese. Noted again 0518 11/24, under WGN. (Kaskey, Callf.)
 SURTAMM. SiS, Prramaribo. Poor to Eooc et virious times in evening after SSS. CKAC slop celsing bed CRI\% English ID at 2015 11/19; also 11/19at 1935. News in ? 1 , Speach inflectfons sounded like Swedish. (Karchevski, Mass.) Dutch? (Ed.) $5 /$ on $0430 \mathrm{MM} \mathrm{11/21} .\mathrm{Good} \mathrm{strength} \mathrm{for} \mathrm{ewhle}. \mathrm{(Seaver}, \mathrm{Galif)}$. NO. KCiEA, In nightly after 0400. Usuelly' S-2 to S-it here. (Knskey, Celif.)
728 E. GBRMLNY. DeutschIendsencer, Schwerin. Light music 0020 11/16. (Wood, Ind.)

735 COLCMEIA. Ny still completely Unid. is a Colombicn. 5 off is 0000 nightly. Very good signols at times. All S.S. progrems. (Conred, Ky.) hil evidence points te HeCl, K. Tricolor, Bogota; beck here. (Ed.)
750 ALASKA. KFOD, Anchorage. "Easist from up norti. As early as 2345 on $11 / 10$ ( $8: 45 \mathrm{p} . \mathrm{m}$. here), Had $\varepsilon$. beautiful S-7 stenal on $11 / 23$ at 0357 whith whisper from. WSF. (Kaskey, Calif.) dAPAK. JOIS, Sapporo, loud S-6 at 0424 on 11/14. (Kaskey, Callf.) UNID. S.S. ORMIne WSB bedly at $000011 / 25$, faded before I could ID. Still'heard under WSB et 0035. Ary 1deas?? (Keskey, Calif.) YNX? (Ed.)
760 guru. CxCD, Way on top of Wjis st 0412 on 11/13. Severel others there too. (Kaskey, Calif.) GUYAN. ZFY, Georgetown. Equel to WJR $190311 / 5$ with Englfs: news nad politiocul speeches. (Kane, Mosa.)
764 SWITZELLAND. Sottens, heerd through Dakar's OC 0050 10/10 in Fronch. (Knne, Ness.)
770 VENEZUELA. YVCO, Puerto la Cruz, in Spanish and English, blasting out WhLC 2000 10/20. (Kane, Mass.)
773 SFAIN. AnN.E., San Sebastien. Elesting through at louciest level ever heard bietween 0100-0200 11/14. (Ancy Fugg, 16 Lakebreeze ive., Polnte Claire, ruebec.) At $0100 \mathrm{~s} / \mathrm{on} 11 / 21$, wes $\mathrm{S}-7$ and clear except for of on the frequency. Who? Took long report on this and 1223. Their ID at s/on wes Radio Nacicnel de Espana desce sus estodios en Madrid." Clear as a bell. Light music program. The co was puliing the loop southward. Could tell from other RNE's in at the time. (Conred, Ky.)
795 GU. TEMALA TGO, LV de las Amaricas, Guatemela. In mosi nights. WiTH lists 5 kV for 1140 . Same power here? (Kane, Pass.) With U.S. pop music 11/19 at 2300. This und ather LA's seem to heve pop RnR on Seturday evenings. S9+ signals here. (Conrad, Ky.)
812 COLOMLLi: HJDW, Em. Atalayn, Buceramanee. Is probably the S.s, herrd $11 / 21$ at $0540-0550$, domineting 810 it times. (Seaver, Calif.)
818 ANDGRA, il . des Vallees, almost topping 820 with light melcdies 1750 11/14. (Wood, Ind.) Very strong het anc sudio in Frenoh 0037 10/12. (Kane, Mass.)
 from 0220-0240. (K.G. Scrimgeour, 1105 Virginia Way, Le Jolla, Calif; 92037)
830 JAPAN. JOEE, OSaka. Under wCCO at 0457 on 11/23 with Japenese programming. (Kaskey, Calif.) MEXICO. XENSM(?), Nevolota, Sinaloa. Logged 11/27 1954-2030, heevily CuMPd by CNCA in WCCOrs null. Mexican Top 40 (Mexipop) s yle progranming, and if they had any more commereials, they wouldnt heve any music. Uses singing jingle with "NSM", but a 11 itself seemed to be XEL-... Randy So, if you got en specifio XENSM coll, let me know. Seems somewhere I read some doubt as to whether they're in kevolota or Culiccan. They specify Navolote in the $\mathrm{ID}^{1} \mathrm{~s}$... It's 10 mlles from Culiacan, and lots of sponsors have Gultacen addresses. (Callermen, Texas)
UMID. NFCTer Gene Fttocks called from Marysille, Cellf., to see if I could ID the AFRS station he had hear. il/14 carrying a pro football game after 0200. I hed not listonad et that time, nor bave I henrd anything since. Tried $11 / 21$, but wCco was AN. Is there enything listed now? (Freeman, Calif.) Find nothing. (Ed.)
835 CHINA. (I guess) Just audible at $051711 / 23$, hird to define. (Kaskey, Calif.)
840 CClomeIn. HJBI, Santa Marte. Loud S-7 at 0015 on $11 / 10$. Thot they s/off at 0000? (Keskey, Calif.)

+ GU: TEMALA. TG.., R. Phillps, Gutemale. New station first noted til s/off $000811 / 20$. Final recuest pro+ grame "Club Redio Philips" with marimba records. ID's as "R. Philips, la emtsora musical de Gutemala." + Announces return to air "hoy a las 6 en punto ... en 840 kilociclos onda larga." Perfect reception.
$+\quad$ ifter s/off, a Brazilian is revealed. (Wood, Ind.)
ST. LUCIA. R. Caribbean, Costries. Very strong in French 1930 11/3. (Kane, Mass.)
UMID. Heard s/off $11 / 20$ at 0110. ID es Radio (Ceto or Cento) 1mpossible to understand. Iodb on the loop. Procreme much like old R. Emperador. Any help here? Very good signel with almost no feding. (Conrad, Ky.) Richnt, did you glve me CST for the above s/off? (Ed.)
845 IThLY, K.i.I., Roma. Seems to have returned to 845 . Noted with full ID 2359 11/15. (wood, Ind.)
850 2lash, KICY, Nome. Finally in on $11 / 23$ at 0317 , rose to $5-5$ at 0330 ID . Wy easiest ileskan lest year. First time here this year. (Kaskoy, celif.)
COLCMELi. HoKC, Em. Nuevo Mundo, Dogota. Has been hecrid cuite of ten in the prst, but rerely at the level heard $11 / 21$ et 0522 and on. (Seaver, Calif.)
NO. KCIZA. Was on top of 850 with no KICY at 0450 11/23. S-3 signel. (Kaskey, Celif.)
870 CUEA. The AN SS here Sundey AMs is Cubn, not Wha. The Cuben's signal is es strong es WWI's and could be confusing. It's locited somewhere in Criente province. (Miller, Fla.)
875 NIC FAGUA. YNWl, R. Mundial, Leon. MRacio Mundial on Menegua" ID henrd, with several otherti. Mundial announcements on 11/24. Drame heard from 2258 time in to 2310 and after announcements and Iis and song, the new program at 2316 began with five minutes of fanfares, hereldic announcements, and band music, followed by lengthy oratory or perhaps commentery. "R. Mundis I" mentioned about every five minutes. No sign of in, Monumental. Are they still :ere? (Froemm, Colif.)
880 GUATEMALA. TGJ, R. Nuevo Munde, Gu atemala. Cleer it. NUevo Mundo ID just before $0000 \mathrm{~s} / \mathrm{off}$. (Hinsor, Ind.) I $\mathrm{r}_{\mathrm{m}}$ confusea. Roger, your report geve no frec., and aell as TGN. Latt.r s/off at 0l00. (Ed.)

885 MIGAihGUA. YNKW, s. Libertad, Manggue. In Sponish with high het... Powor? (Kane, Mrss.) 5 kW. (Ed.) ID as R. Libertad, heard all evening long. One I at 2125 , for example. (Minsor, Ind.)

890 COLCMBIA. HJCE, Jogota. it $040011 / 21$ wes 18 DE on loop. This is aN $5 S$ on this channel. ID as MJJCE, 890 Kos., La Voz de Cepitol," eto. SA music. (Conrac, Ky.)
899 ITALY. R.A.I., Mileno. Noted with Viennese Weltzes 0115 11/16. XEW off: (Wood, Ind.)

908 ENGLAND. L+D.C. London Home Svo.g Brookmans Perk. Fair signals 0120 10/22. (Kane, Mass.)
910 VINEZUELA. YVRC, R. Aeropuerto, Mitquetia. Heard ik Aeropuerto ID at $23 / 48^{\circ} 11 / 25$, so"must be YVRQ as Richard Wood loged a couple of issues ago. A good stemsil for while, atop the channel. (Winsor, Ind.)
926 EELGIUM. Eruxelles, with strong het and Dutch 0058.11/15. (Kane, Mass.)
935 MOiOCCC: R.T.M., Agadir, wh chanting and Daker-like musie 1812 11/13. (Kene, Moss.)
940 HAWAII, KAHU, Heipehu. Usumily on top arter 0330. irM from CJCX, CJIE sometimes on efter 0330, end CEC who probelly is CIM. C/w mx. (Keskey, Calif.)
944 Fhemar, R.T.F., Toulouse. Not bad during CEM's silent spots 0132 11/6. (Kene, Mass.)
 (Kaskey, Celif.)
JAPAN. JCKl, Tokys. Loud S-6.signal at 0424 on 11/14. Eest Jep signel here. (Keskey, Calif.)
953 SPAIN. Eid2;, 2. Espana, Madr d. Strong audio from this one $013011 / 14$. (Kane, Mass.)
965 NICailagus. YNLV, F. Menaeue, Mancua. Heard $11 / 21$ at 0601 with music, apparently rieht efter s/on* No ID. (Seaver, Calif.)
980 Vevezuelin Unid Station ran AN here 11/20 SN with "Feria Necional de General Electrio." Town of Corupeno was often mentioncd. New station? Or might this be YVor from 940? Is YVGM, El Tigre, still here? (Miller)
989 SPAIN. ik.N.E., Nadrid. Is very powerful here most AMrs in SS. (Kane, Riss.)
990 HAWhII, KTRG, Honolulu. on top 0400 on $11 / 23$, CDW off. Weak signal. here. (Keskey, Callf.)
995 UND. S.S:, assume HCEN2; but with WCFL and GBN, there's slight difference in loop bearing, so iD not possible, as signal only S-2. (Winsor, Cnt. - Ind. I knew Ird de it)
998 ANDORZA. R. Andorra. Spanish talking 1805 11/14. (Wood, Ind.)
1000 MEIICD. XBOY, R. Mil, Mexico, D.F. S-3 at 0330 ID on 11/3. Alsa noted weaker on 11/23. (Kaskey, Calif.)
1007 HOLAMND. Hilversum strong hetting chab MN 11/14. (Kane, Mess.) s/on annets. 0100 11/15. (Wood, Ind.)
1010 NETH. ANTILLES. PJC7-1, Willemstad, Curacco, seema to rum AN Sunday mornings. (Miller, Fla.)
1020 CHINA. Noted e.t $101311 / 22$, even with KGRS for about 15 min . Also on $11 / 23$, he was in clear after 0400. (Krskey, Calif.) Richard Wood writes tha, rKum Yow" or "Koom You" is a county in Rukien Province (his Hong Kong friend translated my ID), so this station is the FiIS Fukien outlet. Thanks to Kichard. (Sorimgeour, Calif.)
1025 SPAIN. Eid8, R. San Sebestian. Male/female speakers, Eongs, ID "Esta es Kedio San Sebastion." Sports reports. Lovely sienal $181511 / 14$. (Wood, Ind.)

1034 givowit. Tallinn, loged from 2200 to 2235 on $11 / 23$; very poor audio for all but a few minutes. SAH from presumed portugal, but no audio. No other TA's that day. (Serimgeour, CRlif.) For the newcomerto NaC, SAH means "Sub-Audible heterodyne." DiE? (Ed.)
1040 CHINA. Not as strong as last year. S-2 at 0503 on 11/20. (Kaskey, Calif.) VEMEZULA. YVL, LV de Carabobo, Velencia, seemed to s/on at oll59 on $11 / 20$. Several nice ID's téped. Pekin presented no problem, although audible. (Scrimgeour, Calif.)
1043 E. GEWHNY. R. D.D.E., Dresden. Germen commentary 2345 1.1/11f. (Wood, Ind.)
1079 SRATM. R. Peninsuiar, Valencia. Own ID 1759, into R.N.E. Madrid relay 1800 11/14. (Wood, Ind.)
1088 RNGLAND. S.E.G. Hidland Home, Hrottwich. News 1800 11/14. (Hood, Ind.)
1090 CHIMA. Feking cutiet heard in Mandarin $11 / 21$ at 0528 and on. XEnE now off Mis from 0500-0600, which is greatly appreoiatec. Also had a CEC Neritime ID at 0504 here, but it's domestic, so I want say anymore about it. Musit be an LPET or CHiks. Any ideas? (Seever, Calif.) CUbA. LV de Cube very strong MM 11/21. This couldn't be a 250 -wetter could it" (Kane, Mass.)
1100 COLOMEIA. HJAT, R. Reloj, Earranquilla. ${ }^{H}$ eard ID for this one etop WYYC at $205811 / 27$. So sing of YSRP1098.6. (Cellarman, Texas)

1115 ITALY. R.A.I. Multiple transmitters weak het and audio in Italian. FIuttery signal with much edine 0205 11/12. (Kare, Mhes.)
1120 EITD, Heard at 1010 on $11 / 22$ about S-2 leve1, holdinc same until fade out bout 1035. Same station heard about 0500 on both $11 / 23$ and $11 / 24$. Joesn't sound Chinese, Japanese or eny other of the usual lengrages heard here. In fact, to me so nds oloser to German at times. Eut if heard as late as 1010-1035; it figures to be an Urientel. Ary idecs? Pormat mostly just one men talking. No time breaks or is heard at $1 / 2$-hour or hour. (Kaskey, Celif.) Peking Russion senviee? ( ${ }^{\text {d }} \mathrm{d}$.)

1137 INTL. WATEAS (Englend). R. London light pop musie. Eritis shacoented announcor; very food 0228 11/14. (Kane) 1150A MEXTCD. KBM, Mexicali, T.C.N. S/off at 0133 on $11 / 24$. Very st ong het from XEFiV killed KRKD. (Serimgeour)
1157 LOCATICN? After Radic Anericas signed off AM oif $17 / 27$, it continued to test with continuous tone, sounded like a wobbulating buzz-siw. Strong enough to have airror-imeges on 1160 and 1165 . DF bearing orossed Oriente Province, Cuba. Is R. Americes really on a ship outside the Criento provimen territorial limits? (OAl R. Mann, the CRM Ranoh, Rural Route 143, New Moboetie, Texas 79057)
1178 EYUKYU IS. VOA, Okinawa. Hecrad 0914-0930, ID on 11/10. Disap earedi et 0930. Again on 11/22 with S-3 signàl et 0937 and on 1124 about 0615. Good ID heard on 11/10. (Keskey, Celif.)
1187 TNPL. WhTESS (Englend). F. Caroline South. Loged between 0107 and 0130 and0200-0208 11/14 with usual pop music programing. This one was much stronger then the 1520 outlet. (Ruge, CuE.) Now in most nights with Americon RR. What's her power? (Kene, Nass.) All-U.S. records, but liritish DJ through midnight 11/14-15. (Wood, Ind.)
1210 PuETO KICO. New station whoy, Salinas, will be $1000 \mathrm{D}-1$, not U-1 ns Ifsted in DX News some issues ago. (Miller, Fla.)
1210 पNID. Japenege lencuace used here. Heard both $11 / 23$ and $11 / 24$. Usual program hes man and woman alternating rapidly with brief musical birsts. One pip time sie heard at 0500 on $11 / 23$. Sounds more like Ja anese network programing, but pessibly may be KZOO who I unders and programs in Japanese. (Kaskey, Calif.) And with man and whon alternating ... but do they stay on as late $\varepsilon s$ 0500. (Ed.)
1214 ALBANTA. Tirana: Loudest East European every night. Now oarries French 2300 andarabic 2330, but on enrlier nifgts, other languages wore noted. Best bet for furope before ifonte Carli signs on. (Wood, Ind.) Loogged from 2340 on $11 / 24$ to about $010011 / 25$ fedte: Talk in a variety of lenguages; in heard at 0029-0030. Weak signal, faded out about 2 minutes wut of every 3 , but $t$ se station must be strone, because no TA signals from any other station until mec-12h4 breifly appeared at ol 34 . (Scrimgecur, Calif.)
1223 SPAIN. R.N.E., Madrid. Fantastically strong with 14 -note IS exactly as JKC described (not that I doubted your word, OM-. I just had to log them, hi.) Cen this really be 2 kw , John? (Kane, Hass.). ir.N.E. (HI!) report out for 11/21. Very good again, ablout Sy on the loop, low on the long vire, Again at 0ill, reading list of nomes and sums of money. What gives? (Conred, ty.) Maybe it's who gets? Rendy, fDIS and RND both say 50 kw . (Ed.)
1242. FWhCE, With iet and French 15 over and through the mess 0212 11/12. (Kene, Ness.)

1285 NTCARACUE. YNRSS, R. Granade, Granada. 11/20 s/offet 2255 with enthem. Camier off at 2257. S9 signal, but poorly modulated. They were on 1575 e:couple of years ago. (Conrad, ky.)
1295 SINT MAARTWN. PJD2, Philipsburg. 5 Dis stenal at 2258 tune-in with reçuest religious musio. Spenker had a very pronounced ecoent. Nice signal. (Gonred, Ky.)
1370 JAPAN. JCKD, Kitama. NHK II-- eesy here on $11 / 14$ et 0045. (Kaskey, Calif.)
1375 ST. TIE RE \& MIOUELON. O.K.T.F., St. PIerro. ID in Frach 1811 10/17. CRM-(ertF-1376, hí. (Kane, Mass.)
1403 Pandal, O.A.T.F., Comon weve. Reesoncbly strong many AMrs in mench. (Kene, Mass.)
1410 VZZICO. XECF, Los Mochis, Sin. Loged 2335 11/23. They'rs 500 wetts. (Greg dones, 576 Aadeliffe Ave., Pacifle Palisades, Callf. 90272)
1420 HamaII. KCCN, Honclulu. ID'ed II/21 at 0335, fair until 0400 ture-out. 2AP wes dominent from 0350 to 0400 , with KCCN Hewailen music under. (Seaver, Calif.) Mixed with/under 2AP, Apta on $11 / 21$ from 0330 to 0415. Taped report of many promos, IDs, and Hawelian music sent. An ensy one to id because of the good strength and the frequent IDS. (Scrimgeour, Celff.)
1430 NICARGMA. Unid Steition, apparently in Mangue, heard poorly during the evening, way under various domestics. Incidentally, no sign of HJAP here for several morths. (Hiller, Fla.) $\$$
UHID. Station in French heard here durine evening; poor signel. Caribbean apperently. Guadeloupe and Heiti listed on 1420. (Miller, Pla.)
3503 COLOMRIA. HJLV, $R$. Eenoe, Turbeco, noted all evenine $11 / 25$ with good 1 evels andonly stight fading, playing mainly femle singers and not too frecuentivs, but did catch one at 2240 . (Winsor, Ind.)
1550 mpICO. XEEG, Tijuana, n.C.N., either is $\operatorname{AN}$ now or s/eff at 0500 . (Kaskey, Calif.)
1554 FiLiNCE. C.R.T.F., Nice, S/on noted 2300 now. Inter Varlotes cellsigh. (Wood, Ind.)
1560 MiL. Station heerd around $032011 / 19$ (Saturday) using imarican type English and remindine people to tune In tomoprow, Seturday afternoin for ... Pootball broadesist. W ile it is silghtly possible that he wes correcting the "tomorrow" to "Saturdey" it did not sound theit way. This means it ought to be a station west of here time-wise, and the loop would indicate Alaske. Any diks kisted for 1560 in the flaske Net? (Listed Teiwan is out as they are beyond the International Deteline, and it was already Saturday, uniess they were alreedy relayine sumething. Probebly too early anyws.) (Freeman, Calif.) I have none listed, Clarence.... endI'm wondering if perhars it might have been XEVIP, thinking th terms of being late Friday night instead of early Saturday morning as it would heve been there, and periaps getting some Americen footbell game through its affilaticn with CES? (Ed.)

# A cordial welcome is extended to the following $\mathbb{N E W}$ MEMBERS: 

JAN POCHABSKY, 29 TEERRAGE LANE, BLAUVELT, NEN YORK 10913
JAMES POGUE, 470 SO. MAIN STREPT, FARMIAND, INDIANA 47340
ANDREW WRAGGE, 1 OAKTRES LANE, HUNTINGION, NEW YORK 11746
We trust our new members will enjoy their affiliation with our club and we urge them to join in the activities of the organization. Our club was founded for the sole purpose of providing an axchange of $D X$ information. It is achieved best when all members share in the affairs of the club.

We may be a little late getting this bulletin in the mail. Itis quite a task to prepare this many pages; in fact it takes just twice as much time as the regular issues. We thought it best to get all material in this one issue rather than hold parts of it back. I hope it is worth the hard work involved preparing same.

Here's another literary contribution from STEVE WEINSTETN. We have been holding this for publication at an appropriate time. Since we have the space, and since this is the first December issue, it seems the right time to pass it alomg.

ALL DAY AND ALI OF THE NIGHT
or
1TWAS THE NIGHT BRFORE CHRISTMAS AND ALL THROUGE THE HOUSE, NOT A CREATURE WAS STIRRING, BUT THE LOCAL ANY Er WAS STTEI BIASTITNG AWAY.

All-nighters are a pest.
You know that I don't jest.
In the east and in the west
They seem to like to nest.
As if that's not enough, There's more that think it's "tough" To be an allmight station And get out through the nation.

Their DJIs sound near plastered, But the situation's mastered:

Dedicated to our members in the WEEZ primary coverage area!!
! The votes have all been casted--
Their towers should be blasted!
 We would like to remind our members nce again that SPANISH RPPORT FORMS are now available. Minimum order is 50 for $\$ 1 . i$ postpaid (mailed in a $9 \frac{1}{2} \times 12 \frac{1}{2}$ envelope, via: 3rd.class mail). 100 for $\$ 1.50$ postpaid, mailed 4 th class in a cardboard nailer. 200 for $\$ 2.50$. 300 for $\$ 3.50 \quad 400$ for $\$ 4.50$. 500 for $\$ 5.50$ name imprinted free if you order 500.
 Please note that we will not accept orders for Fnglish report forms and letterheads in quantities less than 240 for $\$ 2.25$ postpaid. Postage is a major factor. It seems that our members just don't pay any attention to how much postage is used in mailing these supplies.
 Orders for REPORT FORMS TO: NRC, P. O. BOX 223, KITTANNING, PEMNA. 1621.

1575 C.STA HICA. Station IDFing with "Musi ea de kadic Columbia, Cencl Dos ..." heard 11/20 from 2016-2102 tune out. Could not cation location, and doubt that a cell wes usad. Excel lent onpeaks but some deep fades. Report sent to eddress for 725 kHz oullet. In past seesons, we heve listed this ns in Palmares, but I stilll find no such eity in C.i., and thought I heard Palmar Sur once in past. Dy now, some of the lists out to show this es it. Columbia. What heve you? Cali TL...? (Froman, Celif.) TIJJG, R. Columbia, Canal Sois, Palmeres, Alajuela, 1000 watts, per FBIS. (Ed.)
1586 W . GENANX. W.D.z., Lancenburg. Fresumably the new 400 kN transmittar was the one heard briefly on $11 / 17$ : Too much splatter to ID language for sure. Not encugh for $n$ report, but one for the West Coasters to watch, as it wes better th $n$ other European chanhels, none of which was noted with aydic on this evening, though severel showed carriers. (Freeman, Caif.) Strong around 0 ? $0311 / d^{4}$, , but not enough for a report. (iluge, (ue) Now very strone most nifhts in German. (Kene, Ress.)
1594 PCRTUGAL. Emissoras Associndes do Lisbos ncted mith " Portuguesa 0200 11/19. (Wood, Ine.)

VERIFICATIONS...
620 ARGENTNA. R. deCuyo, Mendoza. Sent letter after follow-up for ry reception in England two years ago. Enclosed pernent. Is now on 720. (Wood, Ind.) Signer? (Ed.)
675 NIChiaCUA. YNi, Union Radio, tanagua. Sent letter and oard, botin in SS, by airmil. address is épartado 11-48, End algner is Gustevo A. Pleado, Enoargado. One of the old stendybs finally verified here. Letterhead lists cell es YND, Frequency es 675. (Freman, Callf.)
680 putate aico. Whe:, San Juan. Sent nice CSL-card. (Scrimeour, Celif.)
755 portuc: L. Em. Nacicial, Lisboa, sent specific card. (Wood, Ind.)
860 MEXICC. YEMO, Tijuana, b, C.N. Sent SL caría in 3 weeks for report sent to Tijuana address in Whithe Address on ward 1s P.O. Dox 1549, San Diego, Calif. (Reynolás, Mo.)
885 NICABACUA. YNEV, ti. Libertad, Mana ua. Sent letter in English with defintto verification date and pennent. Acdress: Apartedo 885, Managua. Signer 1s Rodolpho Tapia Molins, Generai Menager. No power listed. Letterheaus says $885 . \mathrm{kcs}$, but ponnetht, deted April 66, says 880 . (Freeman, Calif.)
960 RERMTA. ZFDl, Pembroke West, sent nice v/l in 3 weeks for report of VCA relay. Vis was E.V. Roca, C.E. (Sorenson, Ont.)
1012 COLOMIA, HJCC, Em. Mil Veinte, Iogote. Specific letter in Sphish from derdany Suerez R., Garente Comerciel. Apertado Aereo 10556. (wood, Ind.)
1070 COLGHIA. HJCG, R. Sante. Fe, Bogote. Verified September report with perrant and lettiar fromiuisr. v. de Bernel, presidente. Aldress is apartado Aereo 9339. (InCA/Cleveland)
1220 CCLOMEIA. HJFV, LV del Litoral, Rarrancuilla. Sent 2 pennants anch short letter, signed by Joree Tobon Linco, Gerente. The lettorheed address is Apertado fereo 1287 , and on the envelope it is 1356 with 1688 arassed out. Probably safest to send to street addrass: Calle 73, No. 43-63. (IriCA/Lerkeley)
1367 PCiktudiL. Em. Naclonal, porto. Very specific let er in Portuguese for Porto, though from Liston. Merla de Paz de Darros Santos, Ohefe, Gabinete de relacues fublicas a Analise de Programas; witio enrd; freport \$n Portuguese. (Wood, Ind.)
+1376 AS. TUSSIA. Vledivostok. Card statine locnti n, freruancy and time of recepticn recelved from Moscow.

+ Tussian verie th. (Scriageour, Calif.)
1475 GPAN, EAJ32, in. Santender . Sent pasteard with lettors "SWL" sorawled on it. Gives date, time, fraçuency. Address Palacio deI Real Club de kegatas, M.S. Santuala 4, Santander. (Wood, Ind.)
1515 COLOHDIA, HJLG, R. Minuto, Darran uille. Sent fine $\$ 5$ letter via eit fir reception of lo/28. Addrass is Apartedc hereo 219. Signer is Cristina M. Castro, Secretaria. Letterhead 1ists 1520. (Freeman, Calif.) Veried in SS from Crsstine M. Castrc, Secretarla, back in about 4 weeks. teatiunery bas 1520. GA Apartado Aereo 219, (Karchevski, Mass.) V/1 arrived 5 weeks ofter $W$ 10/10 report was sent. itdress is Apartado Aereo 219, or Cerrerce 57, No. 72-128, Barrencuilia, enil the $\mathrm{v} / \mathrm{s}$ is Cristina M- Castro, Secretaria. (ugg, Gue.)
 THE ADM工RAL NILSON BIT...
It occurred to me Sunday, when my bulletin arrived, thet many of you haven't read the satirical "DX snoose" of the "Heterodyne hadio Club," which I got to read aloud at the Montreal convention. There were two highlidehts, os far as I could see ... the ghy whose musing read: 'Veries feceivec that feek from wha, whs, KDKh, wCCO, WNDC, WBL, CEK, KNX, KFI, Radio Ulen Bator, WBAP, WWL, WSI and WMA.". ... and the musing ettributed to idmiral Nelson. If some ine has the copy of the KRC bulletin, I'm thinking the original Admiral Neison bit mifht be worth printine in DX NETS.
i:: : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : ;: : : : : : : : :
Umm ... same sukject. Another excellent sotiricel thing was DaN D. Feceiver's Internetionei Radio Club of Califrrnie buitetin of April 1, 1966, and Imeagerly awaiting tho 1967 issue. Then there was builetin put out at Mobile in 1964 which I enjcyed reeding. The loop plans, by the wey, came from a Folaston Post column, whioh specialisac in nnticel illusinns, welat sians, ana clever stories. Must close for now. 73 J.A.C.

