

"Thank you very much for the superb work you (plural) are doing. You make the hobby understandable and enjoyaile."
(Larry Ballard, S. C.)

NEW MEMBERS THIS WEEK...
*Mike Scheel, Davenport, Lowa
*Peter Burger, Freehold, N. J. * Charles A. Taylor, San Diego, Ca. *Al Peterson, Oak Ridge, Tenn.

RENEWALS...
Long... Daller. . . Buczynski. .. Vitti. . . Territo. . . Kilroy. . Holland. .
Feidt. . . Dangerfield. .. McClain. . . Hart. . . Pirnat. . . Drogin. . . Briggs...
Brauner. . . Nordquist. . . Lagattuta. . . Purdy. .. Driscoll. .. Macdonald. . .
Coombs... Cavaseno... Greene... Truax. .. White... Worcester...
Critchett. . Hutchinson. .. Junker... Tull... Tankersley... Brockway...
Freqeau. . . Swiger... Ballard. . . Simmonds. . . Hathaway. .. Geary. . . Eaves...
Mappin. . . Duffy... Kocsan. . .
THIS WEEK'S HOLDING PATTERN...
Last issue was a 40 pager; in order to conform with our 20/40 alternating page count we've had to hold 14 pages of Musings for the next is sue. In situations like this it's $H Q$ policy to give priority to the time-dated sections such as IDXD and $D D X D$; Musings pages are then taken at random to fill the remaining space. Next week's 40 pager is going to be quite an issue!

## WORLD RADIO HANDBOOK DEAL CLOSES SOON

Get us your \$5.75 by December 15 th or you'll miss out on our special deal. A late note from Gilfer clarifies the policy on refunds for those who've already placed orders with Gilfer (re last issue page 19): the refund will only be for $75 \%$; specify to them that you want to take advantage of the NRC deal and they'll send us the $75 \hat{\phi}$ which we in turn will send to you. Got that now?

LAST MINUTE PHONE CALL FROM VOA CONFIRMS THE BOSTON AREA RECEPTIONS OF THE OKINAWA TEST ON 10/14; SOME QUESTION REMAINS ABOUT THE BEAM ORIENTATION FOR THE $10 / 21$ TEST HOWEVER - VOA IS CHECKING. *GPN

Fri. Dec. 17 M B G Mon. Dec. 20 W A J R 140 Mon. Dec. 27 WK Y Non Jen. 3 K U P K

Fri. Jan. 21 WM B G Mon. Jan. 314 VEC

Williamsburg, Virginia $\begin{array}{r}\text { watts } \\ 500 \\ \hline\end{array}$ Williamsburg, Virginia
Morgantown, West Va. $5,000 / 500$ Morcantown, West Va. 5,000/500 Wanchese, North Carolina 250
Oklahoma City, Oklahoma 5,000 Oklahoma City, Oklahoma 5,000 Cap Haitien, Haiti 2,500 Garden City, Kansas 5,000 every First Monday through and in Williamsburg, Virginia Williamsburg, Virgin
Cep Haitien, Haiti
A.M.,E.S.T. Info: 1:15-1:30 VDXA 2:00-4:00 NRC 4:00-4:30 NRC $\begin{array}{ll}\text { 4:00 - 4:30 NRC } \\ \text { 3:00 - } & \text { NTNR }\end{array}$ 3:00-3 NNRC 2:00-3:00 VDXA
$2: 00-2: 30$ NRC 2:00 - $2: 30$ NRC ncluding 5/1/72) $1: 15-1: 30$ VDXA
$2: 00-3: 00$ VDXA 2:00-3:00 VDXA

WMBG. We do not have the details, but this is their regular frequency check according to the Virginia DX Association. It USED to be from 12 to 12:15 a.m. on the third Friday - we suggest trying both times.

W A J R . This TEST will be with music and many IDs.' During the first hour, they will use their night facilities, with 500 watts, and from 3 to 4 it will be the 5 kw . daytime equipment being tested. A couple of all nighters to buck, but most should get 'em! Send your reports to Mr . nighters to buck, but most shoule Mitchell, Assistant Chief Fngineer, Rddio Station WAJR, 440 David H. Mitchell, Assistant Chief Engineer, Rddio Station Ward
Spruce Street, Morgantown, West Virginia - 26505 . WES BOYD

W O B R . Their regular frequency check is generally heard much earlier, but they are running this one later so as to be on a coast-to-coast clear channel, with both WCKY \& KFBK off! This station realiy gets out, so EVERYBODY try for them! Reports go to Mr. G. F. Williams, Chief Engineer, Radio Station WOBR, Box 158 - Wanchese, North Carolina - 27981 This station serves the Outer Banks, where many a hurricane has hit
ERNEST R. COOPER

W K Y . Story in next issue, but with the Christmas mails so heavy, here's the verie-signer: Mr. Fred Hendrickson, WKY Radio - Vox 14,668, 73114.

W T C L - Originally sked for December 6, was not on - their engineer went to Florida - this TEST will get a new date when he returns! WES BOYD

## HEARD SINCE LAST ISSUE

"NN" SITUATION
1440 C J O I Wetaskiwin, Alta. (NSP-rr) OFFS: 1540 KXEX MMs, is AN- 6. 1580 K C I M Carroll, Iowa 1560 W D X R s/off around 1.

SCOIT BROCKNAY - 112 North Crescent Drive - Rome, New York - 13440 Zorch! Have you ever sent in a reception report that you knew was correct and got a letter back saying it wasn't? Ny attempts at getting S.C. have been thwarted again by WHYZ-1070. Somebody ought to pius the drains of WIMA -1250 \& WHYZ, or some such retallatory method. Veries in: WOKY-920 WSLR-1350 WELT-960 WGIR-610 WWDJ-970. PP/cs from: WEIE-990 WWIE-1170. A few stations in: WDMV-540 Md. © $4: 34 \mathrm{pm} / \mathrm{MoR}$, WTHB-1550 w/a f/ce 12:37am on $10 / 18$. I haven't been DXing too much of late for some reason or other, too much hard work in school, I guess, hi. Although the finals are only a scant three weeks away - grok. But then, I ret a month off for Winter vacation - aren't the state universities generous? I see my subscription to NRC renewal time is here, so off goes my hardearned (?) money for another year in the best radio club around. And who else can boast about the club's own Kaptain Klutz, er - Glotz? The Rangers and the Stanley Cup in '72!
WE SALUTEC ALL THOSE WHO MADE MUSINGS SO TREMENDOUS THIS ISSUE: AIMOST ALL THESE REPORTS ARE DK-FTILED $W$ NEYSY, JUST THE WAY WE ALL WANT THEM: BE SURE TO FOLLOW THIS PATTERN AID MAKE YOUR MUSINGS HEIPFUL TO OTHER MEMBEFS BY TELIING OF YOUR IOGCTICS, DAY BY DAY. USE OIILY E.S.T. IN YOUR MUSINGS, RD PLEASE DOUBLE YOUR LOGGINTGS, DAY BY DAY. USE ONLY E.S. .
SPACE! PLRASE DO NOT MAKE UP ABBREVIATIONS YOUR EDITOR DOESN'T UNDERS'TAND!

DAN PHIILIPS - X-2 Seminary Village - Louisville, Kentucky - 40207
I've had some quite interesting $D X$ in the last couple of months with about 30 new stations added. DX as follows: 10/1- WJRC-1510 s/off © 6pm followed by WAKE-1500 RS © 6:04. 10/4-WWDJ-970 logged © 2:30am for a much-wanted station. I tried for years to $\log$ it as WJRZ w/no luck, then they change calls \& BINGO! Also WKXO-1500 RS @ noon. 10/6-WIOU-1350 Ind. RS 9:10pm. 10/8-WKTY-580 RS 1: 22am w/talk show. 10/12- KSUD-730 Ark. s/off 6:30. 10/20- KPCA$1580 \mathrm{RS} 6: 30 \mathrm{pm}$. 10/22-KLEX-1570 @ 6:45 s/off. I also had KAMI-1580 s/off @ 7pm but not a clear ID. 10/23-WDXC-1140 Fayetteville, Tenn. RS 4:50pm. Is that correct al1? 11/1- WAMB-1190 TEST 1:08-1:24 w/good signal followed by WYDK-1480 TEST © 2:36-2:48. 11/2- WMEE-1380 RS 4:32pm for new call. 11/5-KCKV-1370 Mo. © $5: 45 \mathrm{pm}$ s/off followed by WPRC-1370 Ill. $5: 46 \mathrm{~s} /$ off. I believe I also had KVIY1370 OkA. s/off @ 6:15 but no clear ID. WAAM-1600@ 6:34pm RS. 11/8-CJNR-730 @ 7 pm . I had heard them last year at the same time but w/no clear ID. II/10© 7pm. I had heard them last year at the same time but w/no clear ID. Il/10740 @ 4, also KORL-650 coming in quite well 3:09-4:10. 11/18-WBMD-750 s/off @ 740 @ 4, also KORL-650 coming in quite well $3: 09-4: 10$. 11/18- WBMD-750 s/off @
$4: 45 \mathrm{pm}$. 11/22-Willis Lewis here \& we were DXIng from Volga, Ind. where line $4: 45 \mathrm{pm} .11 / 22$ - Willis Lewis here \& we were DXIng from Volge, Ind. where line noise totally corrupted the lower end of the band but the high end was doing quite well. Five new ones added this morning: WSWN-900 r/c 1-1:15 (a little later than listed), WAAB-1440 RS 2:30-2:35am for excellent catch. KIWW-1450 Ia. @ 2:38am o/ al1. KLCL- $1470 \mathrm{~s} /$ off 3 am for new call \& finally WISM-1480 @ 3:32am. I'm like ERC - I can't believe Bart Cronin lives on Robber's Roost Road. Makes one wonder if Al Capone is still alive. The TP article by Jay Murley was excellent \& at least gives us fasterners something to shoot for. DX NEWS continues to inspire me to continue to $D X$ even though every frrquency seems to be chuttered $u$ /aNs. I ordered reprint of loop skewing article \& wonder if it was one that was stolen? Keep up , Boston crew. 73

DOUGIAS B. SHARP - 5524 West Willow Kighway - Iansing, Michigan - 48917
Hi everyone. DX has been off/on due to my rigorous workschoal sked. Most DX has been done on my car radio to \& from work. I logged CJKL-560 this way on $11 / 16$ around midnight. Also, I heard WLW waver while coming home $11 / 22$, so I warmed up the set when I got home \& picked out JBC-700w/World tomorrow @ 12:20am. Also heard the same night was kShb-1020. The Sword of the Iord Foundatio" Mer mim $=254$. There an Murfreesboro, Rema. and ask for an arbicle on him in the Kingaom of ot your library. I hope to erect a Beverage antenna made out of tough baling wire. It will probably be erected $N / \mathrm{g}$. I'm buying a new $R X$ this Friday - an
 for each of my catches. According to the program, wy best catches are WKWF-1600. 73 s \& good DXing, all.

GARY ATKINS - 2200 West Burnett Aveente- Louisville, Kentucky - 40210
No Musing since April so I guess it's time to get up to date on my DX. I was on strike for two months during the sumper but spept my DXing hours on lest Musing: 4/24-WAEW-1330 7 WAMG

 $6: 06.5 / 31$ - HJCN-1100 @RCD-1430 $5: 58 \mathrm{~s} / \mathrm{on}$, WBGG-1430 w/s/on © 6:01, WSEV-930 @ 6:06. 5/31- HJCN-1100 @ 1:10am. 6/1- WGNT-930 © 8pm. 9/20- YSCF-1155 @ 12:20am 10/0- WCXO-1500@ @:25pm, WREM-1000 @ 1:05 W/TEST on 10/18. 10/23-WCSV-1520 @ G 01pm. 10/27-WBFN-1500@1:35am w/TT. 10/31-WHLP-1570 7:20pm s/off. 11/3- IGRT -664 @ 12:50am. 11/13-PJA6-925 @ 6pm w/a beautiful signal. 11/16- WFBR-1300 © 1:50am o/WRBC, I wonder why I never heard them before, recently AN? Total heard 1,067. I had a great time at the ANARC Convention in Indianapolis this Sumer. 73

## 4

KETTH BIRITNGMAIR - Route 1-Box 44P - Rockton, Illinois - 61072
Hi, everybody. Not much DXing in the last two weeks - I was in the school play, Dont Drink the Wster by Woody Alen. ERC, $90 \mathrm{~m} / 1$; WMIR1550 vy , $\mathrm{v} / \mathrm{c}, \mathrm{CM}$, \& WNEW-1130 WAAX-570 WKZO-590 WKBW-1520 \& Belize-834 v/cs,
 the latter pamphlet on their ( verie, it woud be mentioning they 130 own WGEZ in Beloit. I know the brother of che at at who says that his brother is building new studios for the station. I an address change. I stzyed up for the VOA TEST - nothing. Wrong time. Moving right along, after four months (:) I finally received my pair of Utah 12 celesta speakers. They sound nice, but really, four months! I join with others in advising against Lafayette. Allied or Magee are much better companies. one lan question - does anyone know if snow effects a Beverage antenna? You d think it would, since it's water. That 's a hot one! $11 / 26-$ WOKJol550 in readably w/NX WX @ 12:32. 11/27-KGLC-910 unn, noted e 3:15; WFIR-960 w/HI logged © 4. HI seemed to end then. Lasti KFI noted in weakly © $4: 28$. I called the number for AfR info $11 / 26(201-246-4021)$ \& didn't get an answer. What gives here? Address is log for CJRI-1220 is wrong - returned ny letter as unknown. 73. Mistake on

AfR number, correct \# is 303-499-1000 ext 3171, ask for "ABO count" - BGK
JOFN OLDFIELD - 1162384 th Street - Edmonton 20, Alberte
CHAK-860 Inuvik, NWT, heard three days in a row now. They sure sound like 10kw, although I've seen no CP listed. If they are 10kw, this may just be the beginning of high power in Canada's Northland. An engineer at the BC had mentioned they wanted FOUR in the NWP \& Yukon. That's CFFB CFYK CHAK \& CFWH. I ${ }^{\text {tve }}$ written CFFB re their 1210 CP , which $I$ think is a mis-print. I'd bet it's for 1,000w on the old 1200 spot. Concerning this SILYY business of D.C., Y. T., \& NWT. I count 12 provinces and 51 states. WTOP is licensed to D.C. How can it be counted as part of Maryland? My only N.J. catch is WPAT-930, caught years ago before local CJCA went NSP. My WADO-1280 verie counts as N.Y., although their XR is in N.J. Call it a District or State - it's in the U.S., isn't it? Province or Territary? The only difference is the lack of people (not stations). Provincial status won't change the size or shape of the Yukon. Are we DXers or politicians? While we're on the subject, many years ago, a bunch of DXers decided to count the $1,000,000$ square miles of the NWT as one gigantic $\mathbb{D X}$ "Area". Before you "vote" take a good look at your maps, and consider counting our big blob of the NWT as TWO DX areas - provinces, territories. The words NWT stand for Territorieg, three big districts; not one. Franklin has CFFB, close to Greenland. MacKenzie has CFYK CFCT \& CHAK (ERC's semi-local). CHAK has always reenland. Mackenze has CFK Keewatin. Nothint there, DX-wfse. I'm probably the only DXer counting 13 provinces, but consider how our ancient Gods of DX divided the USSR into areas, for convenience. The NWI has stations now, AND they're being heard! Next week's controversy is a discussion on What is a foreign station. If you live in Detroit log CKIN, across the river, you have a daytime domestic, but if you log XETRA etc. from San Diego, you've bagged a bunch of foreign daytimers, hi. It must be ze language. 74. (sic -RRC)

KEN $\operatorname{aNYSCHUK}$ - Homewood, Illinois
11/10́. I took last MM off from worl: to heal a sore hip, so I tried to fill some channels for the contest. I picked up 17 to total leb stations in 15 days: WSCh-790 Mich., $9: 15-9: 20 \mathrm{~m}$, a good fadein near WBEM null, WSGW weak at PM. WKZI-800 Ill. religion 8:20-8:30, then MoR, it's one of wy toughest e 157 miles \& 250w. WJPN-810 Mich. 9:31-9:34; WATT-820, stock market report every hour on the half-hour. WKAR-D70 Mich. ci mx, WKNR WLS © 9:44. WBAE-920 Purdue U. Campus @ 9 46. WBCK-930 Mich. MoR 8:47-8:49; WJOR-940 Mich. contest © 8:50; WGRT-950 Soul wr (e) 9:52; vSET-960 Ind. MOR 9:53; WHA-970 U. of Wis., WI $=9: 55-9: 59$; WITY-980 Ini ID \& NX © 10; WCAZ-990 II1. W// $R M$ from WCFL, $10-10: 30$. At night, $10: 40-11 \mathrm{pm}$, WH -1180 N.Y. w/opera in background, WHM had TK program on. Possible KOFI, but too
weak for TD. A little earlier at around 9, WTS-890 null, on 880, a WK "Mexican" $T K$, though barely audible. R. Winsor of Valpo. Ind. mused about 620 in $39-6 \mathrm{w} / \mathrm{M}$. WTMJ nulled, I've DXec weak CKCK/KWFT. How the heck they get Arizona? So for wy toughest frequencies have been daytime 570, deid u/WIND-560; WILI-580; 650660 680710730750839830900910990 . Clear channels are a ball to listen to. My favorite is WHO-1040 Des Moines. Anybody a Weather $W$ tch listener at :05 of each hour? Best weather station in MOW. Since our NX 88 is similar to our NX RX 78 in Chitown. I have to drive 20 miles N of WIS-890 (Tinley Park) kust to null it out. Otherwise imp. Only other $D X$, KAAY-1090 NX 19:55 11/16; Thassit until Thanksciving. Don't get drunk on eggnog! 73 .

ROGER GIANNINI - Apt. A - 33 Ben Louis - Belleville, Illinois - 62223
11/22, $7 \mathrm{pm}, \mathrm{WMOO-1550} \mathrm{w} /$ religious s /off followed by KOKA w/KKJO 10oped. KRBC-1470 fair w/WMBD 100ped, 7:45. 11/23-WSAO-1550 w/FF announcer, s/ off $5: 58$ u/WOKJ, TA activity has taken a nosedive last several days. Semi-Aurore, PM. HKY-930 looped \& I found WSLI at good level W/a weak WTAD noted, 9:23. 920 had KARK "We 92" looped partially to get WGST fair w/Soul 10:12 but KARK soon covered WGST. 950 had KIMN w/strong signal w/weak WSPA \& no trace of CMBF. 960 had a Merican, XEK? $11 / 25 \mathrm{PM}$ sav these catches between the FB games. WMOX-1010 $\mathrm{w} / \mathrm{rr} \mathrm{w} / \mathrm{CrRB}$ 100ped @ 6:35. WAKR-1590 100ped \& WLAG? a assumed to be the one w/Ga. Ga. Tech FB © 10:33 w/good signal. 11/26 PM-6, KOKA-1550 atop WLUX. 1550 has been an interesting frequency for Dixie w/WMOO WSAO WOKI KOKA WLJX. I hope I can get the two Ga.s plus Fle. WYOU, no chance for WOGO. 11/28 semi-Aurora again. 6 pm sew CMCA-830 strong w/no trace of WCCO. HJCI-810 o/WGY \& strong e 6:08. CMCT760 atop WJR. YNX-750 giving WSB a real battle e 6:10. KRMG-740 w/no trace of CBL, $6: 15$. KSKY-660 \& no trace of WRBC. I forgot to mention, KBAT-680 strong 6:17. KIKK-650 sneaking up behind WSM partialiy looped, 6:19. CMQ-640 strong \& clear e 6:20. XERH-1500 sliehtly o/KSTP 6:26. KOMA-1520 IRC (3 6:27. 7NS-1540 $w /$ no trace of KXEL © 6:30. They had a talk of improving the current XR facilities, then an unID Texan w/t. Cl. FB (??-FRC), KBUY? 1580 had KPIK, then detuned the tuner and had an:unID w/light mx, definitely not KLOU. However, WCTS all alone (2) 7:14. Logging was at 6:50. I ordered the SM-2 on $11 / 23$ so it should be here by the time this is read. I replaced the 22 gauge $w /$ Belden $\# B O 7518$ gauge. Cost is $\$ 3.12$ for 199'. It's a lot easier to pull through than \#22. Even after the SM-2 arrives, I going to experiment using 16 gauge Belden \#8074. I would like to know the number of turns Ron Schatz used in his 8 ' spiral loop. 73.
BRUCE WINKRIMAN - 1404 Alumni P'ace - Lawrence, Kansas - 6604
I just returned to school following a much-needed Thenksgiving break from classes. DX from Ellinwood w/my $A-2515$ \& SM-1 was good, though not like last Thanksgiving break when I logged 125 stations. But then I was just starting ny new log \& counting everything I heard! DX: 11/24-KAYQ-1190 © 6am Wf ID, WX, mixed W/KLIF/WOWO etc. This one heard many times here in Iawrence, but my
 6:45 w/an S-9 plus 20 signal. WPIT-730 $\mathrm{w} / \mathrm{ID}$ \& into what sounded like a religion program © 7 am . 11/25-WIZM-1410 call change logged $\mathrm{w} / \mathrm{mx}$, ID © $6: 48 \mathrm{am} ; \mathrm{KQYX}-1560$ $\mathrm{w} / \mathrm{NX}$, coumercial, WX © 7am; KINN-1320 my local here in Iawrence but heard for the first time at Bllinwood © 7:35am w/NX; TGJ-880 w/very clear 'R. Nuevo Mundo" IB 10:55pm by female announcer. R. Belize-834 w/ID © 1ipm in EE foilowed by bi-1ingual NX (EE/SS). TGRT-664 w/"Fabulosa" ID © 11:52pm into ss vocal mx, mentioned FB \& BB \& ID © 12 . This was what seemed to be a good Auroral night $\mathrm{w} / \mathrm{SS}$ all over the $10 w$ end of the dial, one in WGN null, another in $K O B$ nuil night $\mathrm{W} / \mathrm{SS}$ all over commercial conmercial santa promo, ID © 8:49pm, then into c/w. 11/27-KRUN-880 heard w/"ET of 50 kw directional XR to provide field intensity measurements"; ID © 12:30pm, heard again driving to work © 1pm. This had a good strong $\mathrm{S}-9-20$ signal on $\propto$ When are they going to go on RS on 880? They were testing in March (see my Muse past issue) already. Does pre-RS testing usually take this long? 11/28-KIUP-90 w/NX WX ID u/WKY © 9:45am. Thenks to Roger Winsor for help on my unID-560. What ever happened to the shipments of mechanical filters? I sent my check in February 336 , 336, hoping for 350 by 1/1. Best wishes for a Merry Christmas \& Happy New Year.

## ROBERT FOXWORTH <br> GPO BOX 2 III <br> NEW YORK. N.Y. 1000

529 Algeria. Hrd with chanting 0010-0045 11/6 // 548 but much stronger. Heavy beacon QRM from North Bay and Uplands, Ont on 530, latter a local. 529 hrd well again $11 / 7$ same time but not since although 548 is in many evenings. (Osborne, Ont.) (Welcome to IDXD -ed.)
8 Ain Beida was powerful nightly thru Ramadan, $11 / 6$ logging notable (see above rpt.ed) and was // 548; woman doing playlet in Arabic interspersed with male Koranic chanting, uptempo instrumental excerpts up to $\mathrm{s} /$ off anmt by woman, instr. anthem at 0100. (Page Taylor, NJ)
tho Dom. Rep. HICM hrd well at $0930 \mathrm{~s} / \mathrm{on} \mathrm{10/30} ,\mathrm{frqt} \mathrm{IDs} \mathrm{and} \mathrm{TCs}. \mathrm{(Osborne}, \mathrm{ont)}$ Mexico. XEWA hrd 0407-0423 11/22 with election ads and ID at 0415 with good strength. (Dildine, Va.) (Welcome, too, to IDXD -ed.)
** 566 Eire. Athlone has been noted on several occasions between 2200 and 2300 with news, uptempo music and commentaries during this hour. Notable on 11/17. This 2300 s/off sounds like a sked change. (Taylor, NJ)
566 Germany. Berlin Sender-Freies excellent after pattern change at 0415 with female ancr, light mx pgm in typical German tradition. 10/28. (Taylor, NJ)
570 Dominican Rep. HMS "Radio Cristal" first noted all-nighting ll/l between 0455 and $05050 / \mathrm{u}$ semilocal WMCA with potent signal: fiesta-type mx, excited ancr, TC at 0401 for 2:31 AM and ID complete with reverb: "Cristal" etc. They are now a regular ANer. (Taylor, NJ)
580 Puerto Rico. WKAQ here in Spanish with DDs as Radio El mundo and singing English IDs at $000011 / 23$ and 24 , lots of QRM. (Dildine, Va.)
Bolivia. CP91 not yet in operation. Target daye unk. Is in La Paz.(Gleason) Spain. Presume La Coruna, RNE DD and chimes hrd weakly 0600 11/14 (osborne) Panama. HOS22 Radio Mia loud with semi-cl mx 0835 11/15. (Starr, Ohio) unID. A SS here MM $11 / 15$ first noted 0845 with rapid talking by male ancr, frequently mentioning "Asuncion" and "Paraguay". The brand of Spanish was guttural with final " $r$ " and "rr" combinations (e.g. ferrocarril, primavera) rolled with great gusto. Bearing $160^{\circ}$. Music consisted of RFS's famous "sad flutes" and vocel harmony in thirds, moderate tempo. Perhaps this is ZP-16 drifted from 640? (Taylor, NJ)
647 England. BBC Daventry a surprise here $11 / 3$ with BBC news in progress weakly at 0602 tunein. Several news items hrd weak but clearly as were the words, This news comes to you in the World Service of the BBC. That at 0605. News lasted until around 0610 when they faded. Only bits of audio noted after that until 0625 tuneout. My first European catch! (Portzer, Wash) (Welcome to IDXD Bruce. A great low-band catch; nice: -ed)
650 Hawaii. KORL reasonably clear during 10-15 second peaks around 0800 11/15 and best with car ad 0807, last time hrd here was Dec. '67. (DeLorenzo, MA)
9 KORL noted $080011 / 15$ with exc. sig. This one is getting to be a pest, hi (Leamy, Ohio) (Interesting to note that this is when Tarawa peaked -ed)
655 unID. Two carriers here 11/10 0740-0815. One was on 655.02 and the other was 655.26 and one was probably Ecuador since snatches of what sounded like Spanish were heard. Other probably No. Korean. On $11 / 15$ noted pips here at 1100; man and woman in Korean. (Pejza, Cal.)
656 Asiatic RSFSR. Verkhoyansk probably the carrier here in snatches $11 / 10$ at 0740-0815. No audio pulled on this one yet. (Pejza, Calif.)
663 Guatemala. TGRT here 0130 to $0226 \mathrm{~s} /$ off $11 / 22$ with music, Ds, ads. Fair reception. (Dildine, va.)
675 Colombia. Sistema de Emisoras Atalsya here $11 / 130333$ with BKB live bdest. Signal quite easily separable from WAPA-680. (Love that R-390!) Someone hetting this one, too. (Gleason, P.R.)
680 Puerto Rico. WAPA quite strong and virtually alone MM 11/29 around 0700 to 0720, no fades, taped some local mx for the hell of it. Usually get a bunch of weak QRM behind 'em. Cx seemed quasi-auroral this AM. (Foxworth, NY)

We'll back up and start again, to accomodate some just-received material.
525 Costa Rica. TICAL Cartago $11 / 160340$, bothered by beacon QRM and a SAH (from spurs?-ek) but fair modulation with man in lengthy Spanish talk 540 Colo by Spanish mx and Radio Rumbo ID at $0402 \frac{1}{2}$. Grundig 6001 used. (Kocsan ) apparently vs. Cuba 0218 11/27. (Edmunds, NJ) 548 Portugal. New Norte outlet even with Oran with
566 Prand 2343 11/24. (Edmums) Ireland. Ahlone $11 / 0,20$ with strong, clear open carrier, man and woman in English 0730 folo by $m x$ and frequent loud promos, an Irish "jig" with accordion at 0750, pips on the nour. Needed. Hrd w/HQ180. (Kocsan, NJ) Colombia. HJFD Manizales with soccer $540,640,700$ etc. $021011 / 27 .(\mathrm{RjE})$ * 656 Dom. Rep. HTAT 1I/23 0457 on top of mix with typical D.R. uptempo mx and frequent Radio Universal IDs, bothered by hets and SAH (?). Needed. (Kocsan)
680.82 Colombla. HJAQ, Radio Miramar, Cartagena with soccer $11 / 270155$ (Edmunds)

690 Dom. Rep. Radio Guarachita, Sto. Dgo hrd with many IDs under Cuban on $11 / 21$ with CBF silent until lloo. (Breger, L.I., NY)
690 Cuba. CMBC "Alegria del Progreso" pgm at 0018 11/24 u/CBF. (Dildine, Va.)
692 E. Germany. Suhl/Wachenbrunn noted $10 / 28$ on a good high-latitude night with MoR instrumentals, a few US standards mixed in, but vocals in German. Also had Karl-Marx-Stadt on 602 but didn't note whether //. (Page Taylor, NJ )
697.5 unID. Cl mx here 0830 on $11 / 15$, gone by 0900 , no anmts, weak on Beverage. (Starr, Ohio) (This might be 647.5, writing not clear, looks like 697 tho)
700 Colombia. Radio Sutatenza 11/15 0917 replying to a letter from Quindío concerning vaccine. (Hauser)
711.71 Colombia. HJFT Ibague hrd with soccer $014511 / 27$. (Edmunds)
$T 20$ Venezuela. IVQR Cumana in well under Cuban with WGN nulled; quasiauroral cx with $A_{f r}=21$ at $035011 / 25$. (Edmunds, $N J$ )
728 E. Germany. Deutschlandsender hrd in German on 11/10 around 2330 with German pop mx and interspersed propaganda. (Breger, NY)
730 Trimidad. Hrd $11 / 26$ at 1000 with local ads and a yummy ad for Nestle's stay-fresh UHC which supposedly solves all your problems. More ads.. (Breger)
730 Colombia. Radio Melodia, Bogota dominant during most of the night of $11 / 26$ w/typical Colombian mx, plenty of IDs. Note frequent mention of capital and once even called itself Radio Capital. (Breger, NY)
730 Mexico. XHX hrd 11/29 around 0530 with sports event, plenty of ads mentioning Mexico. One of the teams was Mexican. Loop bearing cfms. (Breger, NY)
735 unID IA hrd again 0400-0430 11/26 with U.S. rock oldies, some Spanish mx and male-female ancrs. Voice audio poor, couldn't ID. IS appears to be a series of 3 high-pitched rooster crows. Ioops consistently 2000. (Edmunds)
735 unID. $11 / 13$ very strons signal with all kinds of mx. Voice not particularly clear 0335. Sloppy WIAC-740 did not help. Reception cx would indicate the listed HC, but bears checking, as this was a national music station the last time heard. (Gleason, PR) (more on this) On 11/19 ID often as "Canal 740" with US and IA rock. Hrd mention of a cail with "H" at start. Suspect HRXW, Radio Comayaguela, Tegucigalpa, lic to 740 , ex-1200. (Gleason, PR) North Korea. Pyong Kans poor, only snatches $11 / 8$ 1042. (Pejza) (Kans?)
737 Egypt. Asyut exclnt over RNE 11/6 2346 with very slow and sedate chanting by man, in well to about 0000 when Barcelona took over. (Taylor, NJ)
750 Jomaica. Point Galina relay $11 / 80945$ with 5 -note IS, pause, "This is JBC, the Voice of Jamaica", vocal NA, then giving AM and FM freqs. QRM from Antioquia and others. (Hauser, Texas)
755 Rumania. Boldur on 10/26 ending news by woman 0407 folo by light mx; another TA under about 40 Hz higher, by "pitch-pipe method". (Taylor, NJ) 6 Colombia. HJ-- strong at s/off with Colombian NA 0510 10/26. (Portzer, Wa) 760 Mexico. XEABC fair to good o/u WJR with ID 0302 11/14 during a predominantiy Mexican opening. Normally dominant Rejoj Nacional was nowhere. (Stewart,Mo) 764 Senegal/Switzerland mixing it up at 2225 on $11 / 15$, both were at the same level, both in French, both could be easily separated on loop. (Kelley, Mass) ---Please note that we had to "start twice" and strict sequence is missing. Tnx---

764 unID. On $17 / 2$, while waiting to tape Sottens s/on 0400, noted Arabic chants, bunch of ringing bells, wailing and female chants accompianed by flutes in unison with the voices from 0356 to the deafening blast of Sottens IS at 0359. Is cndurman possible? Not counted, natch. (Taylor, NJ)

TTO Jamaica. RJR Mandeville $11 / 150949$ devotional, jingle ID; 1102 RJR news "where the news comes first" (Hauser, Tx)
TO2 Syria. Aleppo fair with chanting, on late for Ramadan $013011 / 7$, clear and steady while in but tends to disappear for 2 or 3 minutes at a time. Weaker with wailing female 0228-0240 11/15. Ctry \#69. (DeLorenzo, Mass)
a Tartus on 11/9, 0140 with long female chanting up and down the scale Mozartstyle and orchestral accompaniments. (Taylor, NJ)
E. Germany. Burg noted $11 / 7$ at 0110 with Bach Brandenburg Concerto No. 5 at excellent level with traces of Tartus' Arabic behind; noted // 728. (Taylor) Cuba. unID CM- hrd here with soccer game $030411 / 27$, seemed weak for CMCH $\mathcal{f j}$ )
t10 Mexico. I assume I had XEFW at $012611 / 14$ with Latin mx and mentions of TamMexico. I assume I had Xerw at owe KCMO and WGY, not to mention the color pico. Signal was strong but so were KCMO and WGY, not (Stewart, Mo.)
B10 Colombia. HJCY with U.S. instrumentals between 0505 WGY s/off and 0514 WYRE Colombia. HJCY with U.S. instrumentals between 0505 WGy
s/on $11 / 26$ fair strength. Clear channel. (Dildine, Va.)
Egypt. Batra II 0303 11/16 with chanting. Weak but separable fron 820. (Starr) 70 Surinam. Radio Apintie finally hrd here MM 11/15 0855 with HJED silent; what a strange sounding format: a completely strange language by male ancr interspersed with equally strange mx which I conjecture is Hindi. Loop bearing so far east for So Amer, at first listen I thought I had a UFO but no such luck. Suddenly realized there's only 1 kw Japs there. (Taylor) ( + CHF's unID,hi-ed) 09 Cuba. CMCA seemed to be // CMQ at $013411 / 14$. Sounded like a Castro speech with lots of PA system feedback. Do Cubans // often? (Stewart, Mo.) China. Nanchang with YL talker, lots of slop 1057 11/8. (Pejza)
836 Canary Is. Radio Popular de Las Palmas was atop 836 mess from 2329 to 0009 on 10/19. Veri revd on 11/9 for this one. Also logged 894 and 953. (custafson)
844 Gilbert \& Ellice Is. Tarawa noted with audio first time this season ll/ 0700-0930, looped $270^{\circ}$ on SM. Sigs exhibited very little fading and was quite readable at times. British accented kng commentary by a man who sounce somewhat like the Caribbean stations. Talked about the UN and disarmament Possibly this was a BBC program. Interval sig at 0800 consisting of 2 ascenaing chimes and 4 descending. Later pgeg consisted of music with drum rhythm or at times what appeared to be religious hyms. Woman anncr in lang. This one should have made a pretty good showing on ECNA. (Leamy, Ohio) (I had reported 4 chimes, 2 asc \& 2 desc but suppose some were lost in noise here -ed.) Tarawa rptd "very strong. First audio this season" 0800-0815 11/15 by Nittler, Colorado in IRCA. Reptd tentative on a Car radio in Astoria, Oregon in IRCA.
(2. Tarawa on $11 / 15$ beginning to squeeze audio already by 0655 , by 0720-0730 a whopping signal with a discussion pgm, alternate man and woman ancrs in english; in spite of WHAS' sloppy OC-TT continued to come thru it all. A recheck at 0835 found them in vernacular with lady reminding one of the Dolly Holiday of the South Pacific. Language has a "Scandinavian lilt" to it. (Taylor, NJ) Interesting note about $11 / 8$ at 0745 ; they played an English vocal version of "Happy Birthday" sung in Polynesian-style harmony and segue to popular song: a request pem. Other Tarawa receptions: $11 / 5$ at $0720,11 / 30700$ with het against Rome (i) and 10/25 at 0730. (also, Taylor, NJ)
(154. Spain. RNE Murcia $11 / 17$ peaked at 2345 for about 2 minutes and the only decipherable audio with man and woman reading items in Spanish. (Alster, NJ) Murcia joins the ranks of NSP; noted in passing $11 / 9$ at 0315 with Grande Murcia joins the ranks of NSP; noted in passing $\quad$ valse Brilliante by Chopin folo by (of all things) "Turkey in the Straw" in Valse Brilliante by Chopin foll ONE ( one gets variety on RNE, at least. (Taylor, NJ)
760 Honduras. HRJ Tegucigalpa probably the one with "R. Centro" ID, Spanish talk Honduras. HRU Tegucigalpa probably weakly under LPRI' carriers $1221 \mathrm{ll} / 7$. However, their ISR would 've been about $\frac{1}{2}$ hour earlier, leaving many doubts. Anyone else here use this slogan? (Portzer, Wa.) (Might be well to consider, first, the angle of sun travel at ISR there, if shallow, and a low-angle skip, ionization buildup atMexico. If you heard Martian sounds emanating from here. 10/31 0530-0600 was just XEUN doing electronic tape music by Stockhausen. ERBA members, take particular note. (Taylor, NJ)
** 865.8 unID station with very fluttery signal signed off just before 2400 , or evening here $11 / 9$. Bearing seemed $350^{\circ}$ to $0^{\circ}$. (Or, $170-180^{\circ}$ for the spoilsports.) I came upon it just before it went off. There seemed to be some audio but s/off came as I was taking bearings. Have hrd nothing since 1.1/9 except a very weak, fluttery carrier on 867.8 briefly just after 2300 on
70 Japan. JoGB Kumamoto presumed the 865.8 had an "Asiatic Flutter." (Moore, Mass) Japan. JOGB Kumamoto presumed the Japanese here with English lessons faint under WWL OC 1054 11/8; WWL s/on 1059 cut off any chance of an ID. JOGB is presumed, since freq change recently.) (Pejza, Calif.)
Spain. Zaragoza very good with lively mx and man 2208-2215 11/15. (DeIzo, Ma) U. K. BBC4 11/7 at 2220 with discussion pgm easily separable from WCBS, excellent audio and not a trace of WCBS left ... (good-ed) Note that BBC4 stns ( 692,1052 etc.) are staying on till 1900 daily, a schedule change. Pgm from 1800 to 1900 consists of some discussion, mainly easy-listening armchair type mx. (Taylor, NJ
885 Montserrat. ZJB, Plymouth with Eng anmts, hymns 11/15 1000. (Hauser, Tx)
ZJB presumed to be the one here (Do they everuuse this callsign?-ed) with
914 Suglish news between 0008 fadein and 0015 fadeout 11/25; QRM de WLS. (Dildine) Surinam apptly the one here ll/230040 in God-knows-what lang with extended talk pgm, chanting 0046 . (Gleason, PR)
915 Guatemala, unID stn with Latin mx, ads, "Guatemalteca" mentioned, 0339-0349 11/22. (Dildine, Va.)
925 Neth. Ant. PJA-6 with eds, ID, timecheck, Hour of Decision 0029-0100 11/25, poor with fading. (Dildine, Va.)
PJA-6 Aruba 11/160045 Drama, religious, in Eng. (Alster, NJ)
926 unID. Stn 11/10 0040 with Arabic female chanting, unaccompanied, looping 58-600. Possibilities? Best ME opening of any during Ramadan, with the Syrians all excellent, Kuwait good. (Taylor, NJ) (Likely Izmir, Turkey?-ed) Belgium. Bruxelles $11 / 142218$ with a landmark signal in Flemish playing uptempo and contemporary Euro-rock with male ancr. (Taylor, NJ)
935 Morocco. Agadir 11/16 2355 chanting to 0000 then Arabic talk steady to 0015
and real rough because of splash from local WPAT on 930; CBM. (Alster,NJ) Germany. The "presumed" East German on 935 still bothers me. German is hrd quite regularly from 0000 to 0030 . However, the other evening the bearing on this one appeared to be toward Central or Southern Africa which doesn't make any sense at all? It definitely is not Morocco. There is a carrier cutoff at 0030 sharp and Moroceo is hrd underneath. I'll do some further checks on this one during the week. (Grant, Mass.) (How's this for a real longshot? Did not Deutsche Welle propose powerful relays in mid-Africa some years back? Like in the Congo (now Zaire)? Who knows about this??-ed)
953 Czechoslovakia. Brno on $11 / 150355$ exclnt $w / f o l k$ mx and accordions doing polka-type stuff; a beautiful signal. (Taylor, NJ)
962 Thnisia. Tunis presumed to be the one here at 2317 with typical Arabic mx. Poor; hrd 11/20. (Dildine, Va.)
967 So. Korea. HLSA Seoul surely the oriental talker here 1440 11/13 thru horrendous slop from KJR-950 and KOMO. (Portzer, Wash.)
985 Peru. Lima, apparently R.P.P. Radio Programas del Peru 11/23 0130-0200 with music show, very weak. Often mentioned R.P.P. or similar. (Gleason, PR)
990 Puerto Rico? WPRA 11/15 1005 hr d ment of P.R. here.. (Hauser, Tx)
95 Ecuador. Radio Suceso, calling itself "Ia 'S' Dinámica" at best level ever here in P.R. 11/230015-0030 with Latin and U.S. rock. The 975 HC was even better, but had deeper fades. (Gleason, P.R.)
998 unID. Maybe Kishinjov, could have been Spanish or not, audio around 0350 $11 / 16$ with male ancr. Loop 20 or $200^{\circ}$. (Edmunds, NJ)
1000 Brazil. São Paulo 11/80814 with good "R. Record" ID folo by band mx playing variety of musical types with TC each minute with pip and YL anmt; some RI from SAH and nulled "inactive" Radio Nacional, Bogota. Unn. (Kocsan, NJ)

1159-1201; no pips noted. SAH with WHO. (Pejza, Cal) (How many beats/min? Colombia. HJAI OT25 11/14 fair to poor with WHO of ${ }^{\text {P. "R. Tropical" ID and }}$ mention of Todelar net affiliation at 0730. Taped. (Stewart, Mo.)

- Radio Tropical strong with ID 0625 on $10 / 30$ as "esta es Radio Tropical, 1040 kcs , en Barranquilla. Radio Tropical, la emisora Caracol en Barranquilla Colombia." (Fortzer, Wash. state)
1043 E. Germany. 5 pips on the hour folo by ment of Deutscher Democratischer Rundfunk; audio for about 3 minutes, $040010 / 23$. (Paul Petersky, Bellevue, Wash., IRCA, via Pejza)
$1014 x$ Panama. HOJ2, Ondas del Canajagua, 11/14 1027 giving "numeros para hoy" probably either religious, gambling or mystic, as opposed to spy; 1031 a TC in EST; 104l ID. Leaves 1045 relatively clear for the new cuatemalan reported last time. (Hauser)
1050 El Salvador. According to YSU, they have 3 new relays in Ahuachapan, Usulutan and Sonsonate on 1050 although it is suspected that these, all with 1 kw , are on adjacent channels i.e. 1030,1040 , 1060 etc. (Gleason, PR) Ifbya. Tripoli on $11 / 10$ at 0030 with Arabic uptempo mx by male, brass and percussion accompaniment similar to Algeria- 548 fare. (Taylor, NJ)
1052 Rumania. Iasi again on 11/9 0406 with accordion mx, fast polka tempo and folk ma; lang on a weak signal could be mistaken for Italian. However, this signal is far from weak, and makes fumania an easy target. (Taylor, NJ)
(a) Ron Schatz's cryptic reference to misic Enesco-style, IDXD $11 / 13$, refers to George Enescu (in French, Enesco), Rumanian violinist, composer and arranger of Rumanian folk music. Most Rumanian names end in -escu, cf. Ida Iapescu (Wolf), the playwright Iomesco (originally Ionescu, = Jones), etc. (Hool, la.) (Thx for clarificatinn, Richard -ed.)
1055 Colombia. HJJ-- 11/15 1020 a station witin reverb ID mentioning Colombia; not sure which. Reverio should be uanned on DX stations, hi. (Hanser)
1055 Cuba. CORG Baracoa is the one hrd here $11 / 270254$ with soccer, per RFS (RJ $)$

1061. Partugal. Forte good but fady with man in Portuguese $220511 / 12$, easily
*\% 10 Tr separable; SAH. (DeLorenzo, Mass)
$11 / 13$ IDXD; hrd $034511 / 16$. (Edmunds, NJ = RjE)
1088 U.K. Droitwich $11 / 152320$ with news report, foreign and domestic items, football scores and stock reports to 2340. (Alster, NJ)
2106 Lithuania. Vilnius $11 / 150350$ with light max female ancr in Russian, excellent and atop AFs. (Taylor, MJ)
1110 Merico. XARAN good over KFAB Oe24 11/14. With Pew exceptions, the only LAs hrd this evening were Mexicans. (Stewart, Mo.)
1110 unID. See 2220. Could also be harmonic of 740. (Hauser)
1125 Costa Rica. IIGPH Iatin mix with Radio Capital IDs and TC between each selection 0254 11/23. (Dildine, Va.)
1125 Ecuador. Fred a quick Radio Centro ID here 11/16 0530 folo by s/off and instr version of the song "THill", then OC. Does this fit HCPV6? If so, one of my best LAs if listed 300 watts is correct. (Shamon, Pa.)
1133 Yugoslavia. What is their setup for time pips? Hed a series of lang pips of about 1 second or so, folo by one very long one on the hour of 2 or
3 secs. Any help from the 113 experts on
Zagreb hrd with a beantiful signal on $10 / 20$ from 0427 to 0449 . From 0427 zagreb hrd with a beautiful signal on $10 /<0$ fram 042 (
to 0430 they were on with their IS. (Gustaison, Ill.)
1140 Mearco. XfMR fair over WRVA with many mentions of Monterrey in news and ID at 0833 11/14, lots of IV sweep buzz. (Stewart)
1146 Haiti. 4 VAB logged in finally with no $Q R M$ from HRCN for a change, with Haiti. 4VAB logged in finally with no ern fram HRCN for a
excellent audio with good IA cx $0340 \mathrm{ll} / 16$. (Edmunds, NJ)
1151 Rumania. Cluy finally hrd $11 / 150400$ s/on folo by bop-along accordion max and comentary by woman. Was FOT 854,1052 etc. (Taylor, KJ)
$1155 \frac{1}{2}$ Guatemala. IGRR with man talking, with "teh heh erray erray" ID at 0344 11/24. (Dildine, Va.)
1160 France. ORTF Strasbourg hrd $11 / 102145-2200$ with man and woman anners light mx pgn; a good signal with WJJD nulled, and an excellent possibility for an even-frequency TA: (Taylor, NJ)
1178 Egypt. Tape replay and refiltering of tape of this channel 11/10 2348-0010 hra definjte Arabic male chanting and male "vocalist" under Horby and Spain. (Edmunds, NJ)
1178 Ryukyu Is. VoA Okinawa awfully weak here 11/14 on special. Taped a "Yankee Doodle" Is at 1059 for a short time, then armt by man, very weak and muf'fled. Ny notes also show a man speaking at 1106 but checking tape shows this to be marginal. This was the only audio heard. Carrier first noted at 1052 and was hrd until 1133:30 except for a couple of brief fadeouts. An average of 7 bearings was $342^{\circ}$. Certainly not enough to count as a new country but any reception from the Far East is a real thrill for me. Sunrise here 1136 per GPN universal SR/SS tables. Reception here on 40 -inch square loop with 3 N 140 preamp. Signal not so good on my 250 foot longwire at $50^{\prime}$ height. (Moore, Mass.)
(C) Okinawa a pathetic signal on $11 / 14 \mathrm{DK}$, weak bits of audio around 1105 when local KAYO-1150 splash minimal (both loop in the same direction from here) The 11/2l test totaliy nonexistant here; not even a carrier. (Portzer,Wash)
() VoA in Chinese 1123 on 11/15. (Pejza) (Not the Special.)

1178 Sweden. Horby very strong with Pemale ancr in Swedish at 2230 on $11 / 15 \mathrm{w} /$ some Barcelona under it. Ctry \#69. (Kelley, Mass.)
** © Hörby hrd well 11/10 at 2250 in Engliah with news items about Sweden; on 11/14 at 0642 in Swedish; 11/14 at 2142 possibly in French; this also sounds like a schedule change? Spain and Arabic chanting also hrd on the freq around 2200 over and under. (Taylor, NJ )
1180 Mexico. XFFR good with Spanish vocal mx and a couple of "Felicidad" IDs 0740-0800 11/12. (Portzer, Wa.)
(C) Mexico City very good here 0818-0900 s/off $11 / 14$ with mang "R. Felicidad" IDs and U.S. and Latin pop mx. Carrier was still on at 0908 when $I$ called it quits. Also had traces of what may have bean a weak het around 1178 between 0830 and 0900. (Stewart, Mo.)
( 8 XFFR hrd with deep fades and Spanish Mop-40 mx on 1I/14 with ID as Radio Felicidad, I.V. de Musical de Mexico at 0840 with WHAM off. (Breger, NY)
1187 Hungary. Szolnok with news by woman $11 / 17,2305$ very strong; not often hr d at sunset. Spoken Hungarian is unlike anything else one is apt to hear on the BCB as it has no near relatives in all of Europe (Finnigh is another odd language in its own class -ed.) So, if it's not Spanish you're hearing it's Magyar. (Taylor, NJ) (What may be an easier way to hear Hungarian in clear form is to go to E. 82-K. 84 street area around 2nd Avenue in NYC where the Kagyar community is. They can xlate Szolnok tapes, too, hi -ed)
1190 Colombia. Radio Cordillera, Bogota noted in passing on 11/29 at 0635 with 2 IDs. (Breger, NY)
** 1196 Germany,W. VoA Munich noted $11 / 120245-0300$ in Polish folo by "Yankee Doo die" IS in syncopated rock version on the hour! This followed by standard VoA ID and "xmtrs in Vunich" bit. Schedule change. (Taylor, ND)
1205 Sierra Leone. Per Stan Morss: tip in DX News 11/13, logged after Bordeaux s/off with Pemale ancr in Eng. Ctry \#78. Easy ones last? (Edmunds, NJ)
1211.6 Cuba. CMKD Holguin hrd with soccer, msd here 0248 11/27. (Edminds)

1214 England. BBC fair-poor $11 / 17$ with MoR vocal mx 0620 , male talk 0630 recognizable as British Eng. but not quite readable. (Portzer, Wa.)
(a) BBC with rock pgm 0010 11/12. (Alster, NJ)

1214 Fstonia. Tallinn first hrd 0449 10/21 with man speaking in Estonian and then popular Estonian dance masic to 0551. (Gustafson, Ill.)
1214.8 unID carrier detected with BFO, no one listed here; het from 1214, at 0310 11/19. (Gleason, PR)
1223.6 Ecuador. Radio el Mundo, Guayaquil with BKB Radio Quito (49e3 SW). This is Guayaquil affiliate of Ecuadoradio net, originated by R. Puytofe)

Poor, with a het frum 1225, jechapt the II or one of the two H0' a . ID as 1230,8 Venesuela. Faitlo Morlovesto, Cain. (Glessacn, P.B.)
 1292 Moroeco. Theter hid


 the III, (Gleason, P, I,)
lats Boundor? $11 / 13$ of 715 unID varrier here vith bite of Andean moc, Weald suspeet, for lack of asother, the HC. Cuenion in fairly noer the hot Ouayaquil
1268.8 gone hrd vell that night. (Wieasces, PR)
 bave been the tan poistoann relay of Pallo veport of 2 weeke ago nay well

I hat forgotien the E. German kxiatea, (Grant, Xuatt.)


 1 Elmute of sudio onid 4 of faile...ioperine vithe lone and Ganp fades: Quarsin and makn-ctismer flutinga ie nocomperiment." Comatiny done by male and bad a vide range, 13ke a Onigorian chant (10ta of up-and-down on the gate word). A good alred het also matible on 539 vith the gane falu

1345 unT0. (Thylor, N.3.)
unID, Ard a renl myatary on 21/4 from 2239 ta 2900 nar man talled for a solad 21 mirutea; at 2300 they either $s / o r r$ or $1 /$ out, belteve $1 t$ whe a
1350 Hamerf. Cume this hiave been hrumit? (Ourtaracn, Ill.)
Convention an betr, based on tipp from Johin olaffeld and Mec-Sacto'T3 chivention af being a good bet for BClla; M M $11 / 15$ with witis enlent, patbetween ofoon-0900 caraht the 0900 ofr and the olear "J-TCK" eall followed by E. B, F. (Taylort, May tape repigy to apt
 TA eventng. (Deteranto) (tha Bakino" rock 0041 11/7, an axcelleat
1380 umID Nyatery se hart $7 / 26$
 with what souisted 13 ke a J1ngie, then 4 notes on flutelfke ingtrument,

 Then seema to mention "Fatio ertactan nchee.." Do not think it was xeco whiten was hrd at ahout the ame tine, Fxtenaive reasarain abows ganta Verturne mon son Iandore don't exint, and slopen doesn't natch those lested
 who vante to give it a Ilaten. (Irruce Portrer, Wahh.)

(Bauser)


1419 Venemuela. NVMA, Fadio Fetroqutale.

2420 Eolivia. Cpligt thate in TA los 10 vroos, 10 Indio Cenitro. (aionice)
1435 Deth. Ant, RNAS hrd $11 / 89$ at 0730 vith Canseol ID $u / 00$ (CNFHY) (Breger)
1435 Deth, Ant, PJA5 hrd 10/13 at 0100 vith Dutah ID hy It at fadio Keluboco and ax wan Colcablus type. (Mreger, In) (DeL'so)

1440 Colconits, ree 2660 (Briser)



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Greatinge, folkt a ble one this tine, so wetll get right tito it......

## 1/C's


 $1630 ;$ WCBC-1590, WN NK-730, WJOY-1470, WPML-1360, WTIS-1310.

 1590.

Nen Checkrt ind UMt 0200-0215 WGAR IS - 1570 w/ DT (NRC) 3rd SAi 0215-0230 save EM - 1260 w/ TI (Hert)

## changet

1360 coulliki (CP, por 134D) Targent date is $12 / 15$, wnteh for ET's thru the period $12 / 5-25$. (Fmul K. Hart, Ft. Worth, IT





## taylint

Beltinors, M. Positive ID 1100 11/17, hare w/ $C$, D's ab heur and if bour, rocke WSM here 1000-1400. (helfe laton, Kilanbeth City, M,C.) *o Son itas at and of lant Doxil for further info on thit - RyE
WhyD-CE In complete ecatrol 1140 11/15 (Lutan)
WKCY-7a Eany w/ oblw w/ WFat mulled $11 / 81040$.
oiv w/ 4. muled 11/8 1040, Herer led uitil I asod the Sih-1 (Joe Kureth, Weataineter, Me.)

## suasel I treniag

640
870
900 EFI -CA Strocg $y /=210011 / 10$, rather serly (Luton)

900 WLSI-KY $8 / \mathrm{otf} 1714$ 11/15 (BL) $\begin{array}{llll}\text { WPLI-KI } & 5 / \mathrm{off} & 1729 & 11 / 15 \\ \mathrm{~K} & \mathrm{RL}\end{array}$
uccar-Ti s/oft 1730 11/15 (RL)
920

Hird olr ID $190011 / 19$ for new here ex-1250 (PTH)

$990 \mathrm{CEI}-\mathrm{hiP}$ lird 2020 11/15 w/ CBC afseuention of forelem Investaents in Cenade w/WIBO looped, la at lard $2 / 66,1 / 64$ anme tine (Aloter-NJ)

```
1050 KMIS-MO S/off 1743 11/3, same time as in DEC. (RL)
    WDZ-IL S/off 1746 11/4, same time as in DEC. (RL)
    WCEF-WV S.off 1715 11/7, DEC: 1700 (RL)
1390. KClA-NM Hrd well u/KFAB w/ many ID's & c&w mx 1841 11/26 (BL) SC)
1320 WVOJ-FL Hrd 1730 11/11 thru messw/ ID, then c&w (Hnrry Helms, Ft. Mill
    WENN-AL Rose to top 1736 11/11 w/ seemingly endless local ads to }174
        s/aff, no SSB (HH)
        KRIN-AR Barely atop jumble 1746b 11/11 w/ 2 local ads, both mentioning
        CHOW-aN In 11/10 1755 W/racing results, then mx 1800 & ID's ase
        C-HON (See-How) radio (HH)
#10月0 KOAK-TA 11/24 1800 mixing y/ KRLD s/aff, no anthem(BL)
    1510 KCTX-IX Good 1817 11/24 w/ ID in what sounded like rr show (BL)
    1570 WSSA-GA S/alf 1729 11/5, SSB (RL)
        WTAI-IL ID 1734, good about 5 ming, lost b4 s/off (RL)
        WOKZ-IL S/off 1746 11/5 (RL)
        WTQX-AL S/off 1743 11/7 (RL)
        WCRL-RL 
    1500
        KPCA-AR S/off 1802 11/3 w/SSB (RL) Veried by 15-yr-old DJ (RL)
        MFDF-AR S/aff 1813 11/3 w/ Evening Prayer, by the late Jim Reeves (RL)
        KAMI-NB S/off 1820 11/3 w/ SSB, 5 mins late (RL)
        KPIK-CO S/aff 1845 11/4 (RL)
        KZIA-NM S/off 1845 11/16 W/ SSB (RL)
        WESY-MS S/off 1801 11/13 (RL)
        KLTR-OK S/off 1831 11/15 w/ SSB (RL)
        KWED-TX S/off 1832 11/15 (RL)
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A feu notes here b/ we go on: I've had to hold a lot of stuff which arrived Tuesday $11 / 30$, es quantity of tipe necessitated it. I'm also holding PT's and my oun DX'ings as next issue will be a 40 -pager, and will have more room, and will also only be a week between issues, so same effect as a moved up by a couple of days deedine. -RJE

## midnimal to sunpist

* 550 WGR -NY On MM $11 / 15 \mathrm{w} / \mathrm{rr}$, so maybe now NSP (Dave Schmidt, Wilmington, DE)

620 WWNR-WV an $0500 \mathrm{w} / \mathrm{rr}$, well atop in WATE null (Wes Boyd, Youngstownoh)
830 KBOL-M0 About even w/WCCO w/ ID, $n x$ 11/24 0738 (BL)
+860 WDMG-GA Seems to s/on 0500 now, w/ usul cow, hrd $1 / 15$ (as was 620 Item-AjE) (Boyd)
WHCU-NY HTd 11/15 testing o/WWL w/ ID 0043 (JEK=Joe Kurth)
WRFD-OH Poor w/WWL slop w/ nx for Columbus 11/24 0'726 (BL)
$\begin{array}{ll}\text { KLCN-AR } & \text { Good w/ c\&w } 11 / 240741 \text { (BL) } \\ \text { KGIL-OK } & H r d ~ 11 / 16 \mathrm{w} / \text { Country AN show, local ads \& ID } 0100 \text { (JEK) }\end{array}$
$\begin{array}{ll}\text { KGLL-OK } & \text { Hrd } 11 / 16 \mathrm{~W} / \text { Country An show, 100 } \\ \text { CHRL-QU } & \text { Hird } 11 / 16 \mathrm{w} / \mathrm{rr} \text { \& } \mathrm{DD} \text { in } \mathrm{FF} 0050 \text { (JEK) }\end{array}$
KDHIrM Hrd 11/16 on past sch. $0200 \mathrm{~s} /$ off w/cks \& freq. ID's, notice this was also hrd in MA. recently, must de a wild pattern to this was also hrd in MA. recen
higST-GA Beautiful ID w/ px 0330 11/20 ( PKH )
WMEG-FL Noted w/ AN Ir $11 / 1,11 / 15$, usually tope channel here。(JBK)

Whiz-FL Slightly auporal cx put this atop after CBM s/aff 0120 11/10 (JEK) ** If it takes guroral cx to put this one on top, whaddya here normally here after CBM off. This one's always atop hare

CJGX-SA New $\log \mathrm{w} / \mathrm{rr}$ 0100, only thing on channel but KIOA faded up New 0130 (JEK)
WBRC-AL AXR test, ID hrod $020011 / 22$ ( FKH )
KGBS-CA Hrd 11/15 w/rr \& ID 0100 (JEK)
WHFB-MI Hrd ID in ET 0102 11/15 wk w/ powerhouse CFCN (HKH)
KREX-CO Clr w/ local nx \& WKYC off $11 / 150012$ (JEK)
1150 KWKY-IA Hrd test $11 / 15$ to 014 $\mathrm{W} / \mathrm{ID}$ every minute, Iowa \#10(JEK)
KIMM-SD $+30 / \mathrm{s} 9$ signal in PoP, DD's 0315, 0319 11/22 ( HKH )
KVOO-OK $\propto$, TT's during test session 0100-0200 11/22 ( HKH )
KOFI-NI S/on caught 0800 11/17 just b4 KLIF switch to 50 kw . (PKH) KRDS-AZ Firally state \# 45, up over mess 0104 11/15 (JEK)
WCAU-PA Is NSP. (Dave Schrilat)
1230
KYM $-M N$ Good $11 / 80440 \mathrm{w} / \mathrm{rr}$, ID (BL)
KOZA-TA testing ARR w/TT from b4 0400 11/15 ( PKF )
WMIS-MS Test heard 0239 11/22, believe is irreg, as also hrd 2/1(PKH) WGCM-MS Copied ID 0500 11/22, poor, but enuf. (PKH)
 CHWO-ON Finally hrd w/nx. Sx, promo 0502-08 u/WTM
WNDR-NY Fair o/u KYA w/rr, TC, ID $045711 / 8$ (BL)
unID-FL Hrd test 11/15 0150 ID, but all audible was state (JEK)


KRYS-TX Good w/ c\&w, promo 0450 11/22 (BL)
WOTR-PA Finding ET-TT 0111 11/11 (Jerry Starr, Youngstow, Ohio)
WSAI-OH Hrd e/off 0057 11/22 u/ looped KXOL, is this MM only? (PKH) WFEA-NH Hrd $11 / 2$ abt. even $\mathbf{v} / \mathrm{WSFD}$ to 0130 s .off ( JEK )
WEAM-VA Unusual reception of this day-local after SS 11/8 0135 (JEK)
WEAM-VA U Fair w/ ID 0506 11/8 (DL)
ET-TT 0030-50+ 11/11 (Starr) Noted o/uKOV in WING null 00350100 11/11 (Boyd)
In WHK noli $0055-0103$ 11/16, never b4 hrd w/ WHK on(Boyd) AN w/rr 11/10 (JEK)
Fair u/KLO w/ ID 0131 11/14 (BL)
Good $11 / 80437 \mathrm{w} / \mathrm{ID}^{\prime} \mathrm{s}$, ade, EST TC's \& Fr (BL)
Dominant $11 / 110655 \mathrm{w} /$ thrililing report on Boy Scout papre drive in Dalton (HH)
WEEXX-VA Out of nowhere to zap WRCD 0658 11/11 w/jingle, then nx (HH) WHIS-WV In 0708 11/11 w/ pest WQOK nulled, local ads for Bluefield(HH) KONE-NV Good w/ spot for KTVN ch. $20524_{4}^{11 / 22 \text { (BL) }}$
WFAR-PA Noted on 'til $000511 / 18 \mathrm{w} /$ Ali-1ight-spots \& $\mathrm{s} / \mathrm{fff}$ SSB-less poti4 (Boyd)
Yalr-poor w/KBCI w/ and of 41 net atts. \& SID, then rr 0539 Tair-poor
$11 / 22$ ( HL )
WCFR-VT
KOJO-WY
KGA -WA
KGA -WA
WOBR-NC
WOBR-NC
CBE -ON
asting $0005-0097 \mathrm{w} /$ TT \& © $11 / 17$ (JEX)
Falr vf soff 015s 11/14 (BL)
Finally a clr. ID 0359 11/22 then into religion. NSPT??(PKH) Ending mx-test $002511 / 15$ (JEK)
on late 11/13 covering plane hijack, s/off 0316 (Starr)

Finally reached the end - auroral cx $11 / 29 \& 30 \mathrm{AM}$ 's 28 well as prev. eves here resulted in many new IA \& Deep South US logs. RX is somewhat better due to much-needed alignment. Next job to replace some $I$ capacitors, realign the BFO , and check out the input circuit, hi. I'll nail this sideband eplash yet. Solar flux $171, A=3$ this AM ( $12 / 1$ ) wonder what that means... no real auroral cx last nite, and a good thing, too- I've almost filled all my available blank tapes as continupus monitors. Now about $6-8 \mathrm{hrs}$. dubbing stuff off after I find 'em again, yecch. 73, RjE epe,

GMm MD. ON KTI*931 on 650 kHz . : The station is operated by WFRBR $\mathrm{w} /$ Ikw Non-directional, for the specified pupose of testing antenna pattern measurements as per FCG. Address for verifications is Baltimore Radio Shows, Inc.; 13 E. 20th St., Baltimore, Md. 21218

IDXD continued.....
1488.2 Costa Rica. Columbia Canal 2, Puntarenas, 11/23 0055-0105. Music to 0100 then newscast. Mx was soft rock. Mx again at 0103. Monumental on 1462.5 was also good. (Gleason, P.R.)

1525 China, P.R. Urumchi, Sinkiang is now being regularly hrd between 2145 and up to 0030 daily $11 / 9$ to $11 / 17$. There is a 1 kc het and some jamming present as well. $11 / 14$ at 2200 , IS on chime or celeste followed by instrumental "East is Red" and ammt "Govorit Pekin" twice - once by man, once by woman. Russian conmentary by woman followed. All taped. Discussion has to do with improving Sino-Soviet relations, while at the same time, haranguing about "imperialist Soviet agressions and workers' infiltrations into the domestic affairs of the Democratic Republic of Vietnam." Look for certain key Russian phrases like "Kitai" (China) and "Sovyetskii-Kitaiskii" (SinoSoviet). (Taylor, NJ)
1529 Asiatic RSFSR. In very well in Chinese 1120 11/15; Kremlin bells at 1130, no reply yet for my report of $11 / 1$. (Pejza, Cal.)
1550 Mexico. XbNU excellent $11 / 140030-0100 \mathrm{~s} /$ off', no fade, well over KKJO with typical Mexican $m x$ and ads for Monterrey and Nuevo Laredo. Call letters given rather slowly at s/off. Speaking of Mexico, re your question-fark when I referred to XEG as "my ole buddy" in IDXD 39-5, they were the first Mexican stn ever logged, away back in the winter of 168 . (Stewart, Mo)
1570 Mexico. XERF "Radio Bible Hour" in English at 0200 11/26 (Dildine, Va.)
1586 USSR. Tartu even with WDR in wierd cx $034511 / 22$, female vocal mx. (Edmunds)
2010 unID way down in noise, some Spanish mx $124011 / 16$, believe EST TC, seemed to be L.V. de -- (Hauser) (Fundamental should be 1005, a split -ed)
2220 unTD, Spanish, weak, 1248 11/16. (Hauser) (Harmonic)
2800 Mexico. XELH here 0032 10/11, good signal; inaudible in 1400. (Hauser)
2880 Colombia. R. Tulus again $0030 \mathrm{11} / 10$, good; on harmonic. (Hauser)

JOSEPH FELA Jr. - 150 Robert Place- South Plainfield, New Jersey - 07080
JOSEPH FELA Jr. - 150 Robert Place- South Plainfield, New Jersey - 07080 $1480-\mathrm{TEST}$, a $\mathrm{v} / \mathrm{q}$ from CFCN-1060, \& a $\mathrm{v} / 1$ from KSOO-1140. Now 1,016 QSLed w/1,823 heard. Recent DX: 11/6-12:05am, s/on WJAX-930-s/on of another ${ }^{+2} 24-h o u r ~ b r o a d-~$ cast day, thet is. 4 pm , WQMR-1050 w/WGAY/WQMR headines; $4: 11$, WIRD-920 briefly w/promo; 4:15 WMHI-1370 way on top but it seems to be routine (odd, WMHI was seldom heard at SSS from Newrik): 4:59, WLIN-930 w/ID, then out; WLLL-930, WLKL-930 s/off at same time - WPAT barely in here. $5: 15$, WOMP-1290 s/off mentioning 100.5 FM, 5:29 WKKE-1380 on top for a while w/record offer, rr, etc. (Key Radio). 5:41, WEUP-1600 again © s/off, $5: 45 \mathrm{~s} /$ off WCRL-1560 after WX, $5: 59$ WVOW-1290 mentioning changeover at this time to nighttime facilities. 11/8-2:01am, KS00-1140 very strong on ET/mx/TT; 2:44 KWK ET/mx, 3, CFCN-1060 w/beautiful signals w/HI program; $6: 18 \mathrm{pm}, \mathrm{KOMA}-1520 \mathrm{w} / \mathrm{WKBW}$ looped, $6: 33-6: 48 \mathrm{~s} /$ off KCTA-1030 w/WBZ nulled. 11/20$3: 47 \mathrm{pm}$, CKBW-1000 noted w/announcement about changing to nighttime pattern, then out it went. 4.45 WREO-970 complely demoltching WWDJ as was WCAR-1130 doing to out it went, 4:45, WREO-970 complesely demollshing WWDJ as Was WCAR-1130 doing to WNEW. 5 s /off, WAYZ-1380 Ways." $11 / 21-3: 59 \mathrm{pm}$, CBI-1140 w/air pollution message \& ID \& then out, leaving a weak WRVA \& WNEW splash. (I 've been after CBI for only $11 \frac{1}{2}$ ydars). $4: 30 \mathrm{~s} /$ off WALY -1420 (they must have been in a rush as they cut off the epiritual message in the midd le \& went into a fast s/off announcement). 5:02, WCIR-1070 w/ WCIR Cared" promo, 5:03 WCEF-1050 very nice signal, rr, 5:13 $\frac{1}{2}$ s/off WPNS-1080, $5: 14 \mathrm{~s} / \mathrm{off}^{2} \mathrm{WMAP}-1060 \mathrm{u} / \mathrm{strong} \mathrm{KYW}, 5: 18 \mathrm{WUOK}-1270$ in the mess $\mathrm{w} / \mathrm{a} \mathrm{FB}$ promo, 5:22-5:30 s/off a preacher on 1130, signal o/u WCAR (both u/wNEW), who? $5: 31$ s/off on 930 , I just missed it - I would love to know who that was. 6:08 KWKH-1130 doing real nicely ending $W X$, then into $r r$. I got a nice tape of it. Other things: WBRW-1170 (I think that's the call) Somerville, N.J. is doing much EFing w/OC days. Unfortunately, they will be a strong local here. 73.

PAGE TAYLOR - Box 282 - Butler, New Jersey - 07405
Gadzooks! Great Grok! A Musing, first in three years. So I suppose a brief re-intro is in order: I'm 29 years old, married \& teach elementary school vocal ux. I have been DXing since 1954 on an $5-85$ at first, $\&$ now an SX130 since 1968. Until about a month or so ago, I had been using the world-famed Space Magnet as an antenna, but now, thanks to RjE \& Steve Bohac, I have acquired a REAL antenna - the fantastic NRC Altaz! Briefly, some comparison notes: Aproxa REAL antenna - the fantastic NRC Altaz? Briefly, some comparison notes: Aprox imately 40 db gain on all signals with the FET Altaz over the $S M-1$, more TAs wit
readable audio, midde Est \& Pacific inaudible on the SM-l can be respectably readable audio, midale Es St \& Pacific inaudible on the SM-l can be respectably heard on Altaz (Tarawn-844 S-4 het on SM-1, S-9 \& audio on NRC; Kuwait-1345 a he Just above HNL on SM-1 produced a $10 \mathrm{db} \circ / \mathrm{S}-8 \mathrm{w} / \mathrm{audio}$ on NRC. Long Live the FET Altaz! No, the SM-I is NOT for sale per rumor, as it is still an excellent little gedget for such unforeseens as dead batteries, blown FEPs \& vacations. Allah has Gicen good to us this Ramadan with several new goodies added to the log, notable being the Kuweitian on 1345 with "Joyous chantings per Quoren and snake-charmer flutings as accompaniment". (So says my abundantly wordy $\log$ on them). (Speaking of Ramadan, am I correct in assuming that all these chantings, wailings \& weepings re over the flight and landing of a three-toed winged horse? UnID Department: ERC, your "Cavalry Charge" is indeed "R. Globo", Rio, and makes for en easy ID for those needing a Brazilian. Best time is, of course, SM when WHAM-1180 is off. they were heard MM 11/15 @ 3:45 EST. An SS on $645 \mathrm{w} /$ frequent mentions of Paraguay Asuncion. Brand of $S S$ was harsh-sounding, rather gutteral \& the final "R" and "RR" combinations rolled with great gusto like machine-gun fire. Help, REN \&/or Cesar! A wild conjecture says $\mathrm{ZP}-16$ off from 640?? Bearing: 160. Milestone: Country \#100 rotten with Kuwait; 25 more to catch GPN! MM 11/15- WSLR-1350 silent. I logged \& taped s/off of KTOH @ 4 EST for second Hawaiian \& obviously, first regional, hi. 73. (Welcome back to Musings, Page - please make it more often? -Eig)

STANWOOD R. MORSS - Route 3 - Bradford, Massachusetts - 01830
N.Y. C.A.T.V. has public access channels open to any non-commercial group - an opportunity for the NRC to get some publicity? I believe Sterling does chavge $\$ 10$ for "use of facilities" Nice tape for CFML-1110. Four so far on 1110 using "Magnet" and still trying for WTBQ - not yet!

THOMAS R. SUNDSTROM - Box 205 - Willingboro New Jersey - 08046
No luck on the $11 / 21$ VOA-1178 DX here. As I write this on $11 / 22 \mathrm{WWV}$ is telling me that the $11 / 21$ A-index is ten with the geowagnetic field unsettled. The $11 / 15$ count was zero. Thereafter, $01,01,04,06, \& 04$. Not particularly outstanding for long-haul DX, hi. Someone want to venture a guess as to how WCAU-1210 can generate a signal on 1177? Only with the null of my loop does it disappear, w/a $20 / 9$ knocked down to $5 / 9$ on the $S-m e t e r$ of the HQ-150. Fortunately it did not affect the aiming for Okinawa as the two were at right angles. This shows up regardless of which antenna I use - the LW, the vertical, or the loop (latter when aimed W). Re Giamini's (of Belleville, IIl.) request in the 11/13 DX NEWS Musings for FB listings, etc., I collected a few: Princeton U., WHWH-1350. U. of Pa., WCAU-1210. (And 1177, hi -ERC) Villanova U., WNAR-1110. For professional teams, Philadelphia teams, Eagles on WIP-610, 76ers on WPEN-950, Flyers on RCAU-1210. I have noted WNBC-660 carrying N.Y. Knicks and Rangers, Ppparent ly the former if the two flay games at the same time. I also noted WGY810 carrying N.Y. Knicks. I also think WCAU- 1210 carriers N.Y. Jets, but I'm not positive on this. They did last season after dropping the Eagles. And how could I forget the N.Y. Giants? WNEW-1130 and WBCB-1490. 73. (N.Y. Jets on WOR-710-RRC)

GENE DeLORENZO - EOx 17 Roberts, COlby College - Waterville, Maine - 04901
It's been quite a long while since I've been in the se pages like bout three years. With school, BKB, etc. yy interest in BCB dwindled, but, thenks to a gift membership, I'm back to DX. I've also got a new location \& new totals. From Hyannis over an eizht-year span totals were about 875 from 44 countries - so far in Waterville they 're 109 from three countries! I've been here Since Sept. \& have noted a lack of TAs - due to mountains, I guess. Also, I'm us ing a Sony portable AM/FM that has good sensitivity and poor selectivity. Lotsa hets on good days, but little audio! E.G., I've only heard audio from Langenburg three times. Otherwise, domestic $D X$ is not much different from Hyannis- more Carucks, and less water paths receptions. DX so far: 10/18- WSEN-1050 6:30 s/off. 10/28-WMLR-12506:02. UnID-1030 w/religious mx \& YL u/WBZ @ 7:56pm till 8 when it faded out or s/off, very weak \& fady, not XEQR \& seemed EE, but, no ID heard. (Sounds like it's gotta be KCIA -ERC) Also that night unID-740 w/Nfld. ER //-CBY e 8:30, went right over half-hour without IDing. 11/3-Daytime CX get livlier earlier up here - CHOV- $1350 @ 302 \mathrm{pm}$, many other Canucks in by $3: 30$ most every af-
ternoon. $11 / 12-$ CJCH-920 $3: 16 \mathrm{pm}$, new WGRG-110 ternoon. 11/12- CJCH-920 3: 16 pm , new WGRG-1110 w/progressive rr @ 3:30, WWSR-1420 3:45, TAs all over today (just hets, mainiy) 11241394140314571578 to name a few in by 4pm. Audio from what seemed to be Portugal on 1034@4:01pm, very good signal. That's it for "DX" (if you want to call it that!) from the backwoods of Maine. Some of the locals up here have to be heard to be believed! Particularly WGFM-1150 - and $1160,70,80$, etc. if they're playing mas! And we thought WRKO was bed! See you men the totals get way up there - how 'bout 200? (Welcome back:)

NANCY GANTVER - 67 Liberty Street - Fredonia, New York - 14063
It seems like long time since I last wrote a Musing, but there hasn't been anything interesting to write about. So, here's my recent meager $D X$ : 11/7-WIRV-1550 Ky. s/off very cood e $5: 32 \mathrm{w} / \mathrm{no}$ SSB. 11/14- KTUF-1580 Ariz. (Finolly) 7:13-7:15pm w/c/w \& Kay-Tuf ID. 11/16-WCCR-1580 I11. 6:28-6:36pm poor/ good w/c/w \& Ae NX. 11/17-KTTR-1580 Okla. 6:30 s/off fair w/SSB. REW: I did not report WCAU- I checked.

DAVID F. GLEASON - WUNO - Box Q - Hpto Rey, Puerto Rico
I noticed the front-pace blurb about a NYC get-together for Jenuary at about the same time the $\$ 100$ round-trip to $S n$ Juan was announced - so I'll try to be there? Due to my work at WUNO, I have to plan a littie ahead, so if a date has been set, maybe you can let me know. Also as I've been in NYC only orre in my life, I'll have to be oriented as to how to get where the action is (or do I take a DF on WABC-1540?) A seige of static (the scourge of the Tropics) set in $11 / 10$, \& things are pretty awful - onky new catch is HJGI from 1360, on 1355 (Emisora Jose Antonio Galan, Socorro) very strong - it had to be to beat the static!

HEDLEY SIMMONDS - 148 Fairfield Avenue North - Hamilton, 27 , Ontario
I haven $t$ written to the club in quite a lew years fact I was working a steady night shift for the best part of 30 years, so this eliminated DXing as you will agree. But I have received DX NENS in order to keep in touch with what is going on in the world of radio listening-in. I have cornpletrd a 10 G of something like 2,861 heard \& 2,711 verified. I have been listening since 1924 \& can recall many of the stations now defunct \& spent many an hour ince列 $4 / 68 \& \mathrm{am}$ now ally nothing since. I ather 1onely as I have had both paren can er in 1960. I do not have any brothers or sisters \& did not marry, so you can understand uy lonliness. Due to the fact I'm past $70 \&$ not able to do very much, only keep the house in order \& work around the garden amongst the few flowers we have had for many years, I do not, even now, do much listening in as I cennot a ford the expense of writing for veries especially as I do not now receive U.S. stamps to send to the stations as I was able to do when workine \& have not done so since NRC moved to Cambridge fr m Buffalo. Ray Edge, who was Presidert at that time, used to send me U.S. stamps for my use \& I kept him supplied with funds to apply to uy "Stamp Fund" he kept for that purpose. As you know, he was killed on Columbus Day some years ago while taking his grandchildren to the Corning Works for a visit. I miss his friendly letters, I can assure you. I did hear WAMB on $11 / 1$, I was surprised at their powerful signal, despite interference from time to time from some station I was unable to ID. This other station seemed to be either SS or PP but was not IDed by me. I've written WAMB but no reply yet. I heard several NRCers acknowledged by the announcer who gave the names \& towns of each who called. I am wondering if you could send one of the NEW MEMBER KITS to me? That 'd explain the various symbols used in DX NEWS. I received a sheet from one of the officiers in Cambridge some time ago when NRC moved to Cambridge but I've misplaced it. I note some I do not understand, like "Ae". Please let me know the date uy subscription expires as it is not given on the notice sent on $11 / 23$.
ERNEST R. COOPER - 438 East 21 Street - Carrier Route 56-Brooklyn, N. Y. 11226 V/f from WYDK \& KAYQ, heard while WAMB was TESTing 11/1. They say they are 250w at night, beamed DUE WEST! Well, here's the activity from here for the last fortnight: MM 11/22- WCBS-880 off again, but doing a lot of TTing. No WOKJ-1550, they must be AN-6. A very weak SS on 1550 © 3:01, couldn't be logged - it'il take a good Auroral morn. Somebody TTed a git on 1170 during that magic hour, l-2am when both WWVA \& KVOO are silent, but no IDs. Somebody ETing w/Elvis records on 1380 e $2: 21$ \& on, no IDs noted - who? The c/w tester on 1000 f/Elvis records noted @ $3: 18$ turned out to be welcome WKBQ, Garner, N.C. 250w daytimer W/ID @ $3: 42$. Thanksgiving $A M$, 11/25- Two or three SSes and one FF fighting it out on 540 before midnight to 18 on, too up-and-downey to follow any of them. A very 540 before midnight to 18 on, too up-and-downey to follow any of them. A very
unique sounding TT on 1560 @ $1: 09 \mathrm{am}$. WCRV- 1580 was having a fun-filled ET w/two engineers exchanging small banter, © $1: 19 \&$ on, unn. WOKJ-1550 was quite good AN engineers exchansing small banter, @ $1: 19$ \& on, unn. WOKJ- 1550 was guite good AN
WHIY $-1530^{\circ} \mathrm{s} \mathrm{r} / \mathrm{c}-\mathrm{TT}$ came through WCKY very well on an Auroraish AM, ID every min-WHIY-1530's r/c-TT came through WCKY very well on an Auroraish AM, ID every min-
ute. The tone sounded like the motor of a model airplane, not a dial tone! $11 / 26$ ute. The tone sounded like the motor of a model airplane, not a dial tone. ahead of the start of their test on their channel. Nice timins, WYRE! MM 11/29Nothing new, but this is what was jotted down as interesting. WMCA-570, local, $\$$ off © 1:05-1:09 w/three stenzas of the SSB sung by chorus! That weak SS on 1550 noted e 12; 45 am but no dice again. No sign of WMGS-730 TEST - in fact, no sign of CKAC either; only Colombia \& XEX. Quite Auroral today. Unn WSER had a lons ET/w on 1550, first noted @ 2:02. KSTP-1500 has also dropped HI - they now have a tele-talk show MMs. Remember "Hello, Dolly "? Well, now it's "Good-bye, Dolly." A tester again on 1380 with no announcer on hand, with Negro vocals e 2:47-2:53 \& OC continued over the 3 am conventional ID time without one. Could this be WKKE? Well, lads, you sure did give me a great section for this issue - my thanks to all - and now, how about resolving to keep up this good work? And may I wish you all a very Merry Christmas and/or Happy Chanukah. Remember that Christmas mornine is a dar when almost every FFC runs AN, first with midnight Mass, then with gay Caristmas mx, and many LAs do likewise. Remember also WWVA is OFF 12/25, traditionally, after Mass is over! CUN 7 !

