

VOLUME 40
DECEMBER 23, 1972
NUMBER 9
"Please continue sending DX NEWS by Airmail; it is a constant aid in DX'ing. "
(J. Critchett, Ca.)

IN THIS ISSUE
Page Taylor Takes over IDXD! GOAT Results - Jay Murley et al. I DX Stamp Service Info - HQ

NEW MEMBERS THIS WEEK。..
*Charles McDevitt, 44 Franklin St., Arlington, Mass. 02174
*James Franklin, Box 1174, Fayetteville, Ark. 72701
*Richard Boatner, Box 122, Ackerman, Ms. 39735
*Herb Itkin, 147 Hardy Pond Rd., Waltham, Mass. 02154

*George Pressler, Jr., 4816 Oak La., Griffith, Ind. 46319
*Dale Whitehead, Box 7895, PSC \#2, Sheppard AFB, Tx. 76311
*Kenneth Swatkoff, 1803 19th Ave. S., Lethbridge, Alberta TlK 1E3
*Bob Mahrenholz, 307 Old Fort St., Tullahoma, Tn. 37388
*W. R. Courtney, 14831 SE 51 St., Bellevue, Wa. 98006
Welcome to the NRC, guys; why not write a Musing for FRC and introduce yourself to the rest of the membership?

SCHEDULE FOR CHRISTMAS...
One issue after this and then we skip a week. This planned one week Xmas skip gives the $H Q$ crew and the printer a holiday vacation; more importantly in past years we've found that the Xmas issue is usually so delayed by the mails that it often arrived after the following issue, even by First Class mail.

BEVERAGE ANTENNA WIRE...
One of our local members who took advantage of our special deal of $1000^{\prime}$ of \#16 PVC insulated wire for $\$ 10$ still hasn't received it after about 4 weeks in the mails; it looks like Parcel Post strikes again... If by any chance yours has gone astray also please let us know immediately; we'll institute a trace and send you a replace ment spool. If the original does come straggling in after you've gotten the replacement on any item from $H Q$, just mark "REFUSED" on it and send it back to HQ.

THEMS THATS DOES THE WORK。..
Credits for composition of last two issues: GPN \& BGK. Publication crew: GraceAnne Stipe, Mark Katz, Ray Moore, Hal Robie, BGK, and GPN.

EP \# CIA土相

## Mon. Dec.

 . 25 WII K 1270 Also, 100 K IA and FF . 8 WGNG 550 $500 \mathrm{U}-2$ $250 \mathrm{D}-1$ I,000 U-2 5,000 U-4 $5,000 \mathrm{U}-4$ $5,000 \mathrm{U}-2$$5,000 \mathrm{U}-2$ 5,000 UT2
$\qquad$
1,500 U-4
$+$

Mon. Feb. 19 K G H L 190 Mon. April 2 WRAN 1510
baicon, His
buroe, In.
ripon, Wis.
Gurlotesvisile va
Fayetteville, T
2:00-
2:00-
2:00-

Newport, Tean.
3:30-4:00
$3: 30-4$
$1: 00-$
Club info II II $\mathrm{B} C$ I I $B C$ II R R $\begin{array}{lll}1 \\ N & \text { NR } \\ \text { N }\end{array}$
 N N R C
N N R
N tations with Midnight Mass \& festivities. artucket, R.I. 12:01-5;00

12:01=5;
Great Barringto
Jackson, Miss.
Parama City, Fla.
Rapid City, S.D.
1:30-4:00
$1: 30-4: 00$
$2: 00-3: 00$
2:00-3:00
1:01-2:00 2:00-
4:00-5:00
$3: 00-3: 15$
3:00-3:15
Billings, Mont.
NR C
NRC
NNRC

| N | $\mathrm{N} R \mathrm{R}$ |  |
| :---: | :---: | :---: | :---: |
| I | C | C |

$\begin{array}{lll}\text { I R C A } \\ \mathrm{N} & \mathrm{C} \\ \mathrm{N}\end{array}$
N R C
$\mathrm{N} N \mathrm{R}$
$\mathrm{N} R \mathrm{C}$
NRC
N N DATES STILL TO BE SEIECTED: Mon. 1,600 1,000 D-1 $\begin{array}{lllll}\text { K LEE B } & 1600 & 1,000 & \mathrm{D}-3 \\ \text { W L N G } & 1600 & 500 & \mathrm{D}-1\end{array}$

Dener, New Jers
2:00-3:00
NR
Chesaperke, Va.
$2: 00-3: 00$
$3: 00-3: 30$
WLNG 1600
Sag Harbor, N.Y.
3:30-4:00
(These three are awaiting the good word from WWRL-1600 as to the fM they 'll be off the air for some testing of their own

| W C ER 1390 | 5,000 D-3 | Garlotte, Mich. | 1:00-6:00 | I R C A |
| :---: | :---: | :---: | :---: | :---: |
| K D DA 1560 | $500 \mathrm{D}-1$ | Dumas, Arkansas | 3:00-4:00 | I R |

## Mon. Jen. 8 K D DA 1560

## Dumas, Arkanse

1:00-6:00 I R C A
I R C A

WCNC-550. This program is for NRC \& IRCA jointly. They' 11 be conducting an allmomins equipment and Proof of Performance rest, using their daytime 1 kilowatt at times, and their 500 watt night directional array at others. There will be "golden rock" music and station jingles, sounding like their regular schedule except for the absence of any DIs. Send reports to Mr. Duane Burnham, WCNG, 96 John Street, Cumber;and, Rhode IsIand, 02864. Prepaid phone calls accepted - 401-725-9002. NRC/IRCA Is land, ozember Sheldon Shartz will be there to talk to you.

KDDA-1560. This test will be on for an hour, modulation unknown to us at this time. Should be a clear channel. Reports to Mr. Alan W. Fastham, Gen. Mrr., KDIA, Box 215, Dumas, Arkansas, 71639. No collect calls, but pre-paid ones can be made to $312-834-7015$. FARL FORTH, IRCA

WSBS-860. This Proof of Performance TEST will be on Monday $A M 1 / 8 / 73$, but we do not have the time, but we THINK it.s $2-3 \mathrm{a} . \mathrm{m}$. EST. Format is not known but cycle tones and loads of IDe are axpected. Reports to Nr. Thoms Jaworski, News pirector, WSEE, Creat mrrington, Mase. 01230. WES BOYD.

ERNEST R.COOPER - 438 East 21 St., Carrier Route 56 - Broinkiyn, N.Y. 1122 Fine $v / 1-5 S$ in from MDD-675, and that Is the call, as it says so on the letterhead - it's not YNDS. I've been sending reports to this muchacho for about 30 years! Ah success, it's wonderful! This MM, 12/4, found locs $1 s$ WHN1050, WWDJ-970, \& WABC-770, usua 11 y AN MM, not on RS, but WWDT wes doing a lot of fumine and sputtering and tebting all over the place. WGY-810 was off too, and KCMO- 810 noted ETing @ 3, first time this duy's been heard in a lons time. WGAR1220 ws also sleepine today, a cood moming for sleeping, apperently. A good AM for DXing LAe, too. I Eot nice logs on two more Venezuelans, R. Tricolor-990, YVis in Barquisimeto, $A N$ mostiy o/wNoX who was back at it today, and an unerpected treat in holding onto a carrier of $5-8$ noted on 660 e 4 am , as $I$ hoped it micht turn out to be that new B.W.I. outlet someone reported list issue, but at 4:08, in scared the Venezuelan National Anthem, and I lozced easily YVII, Coro, "Ondas de Los ledanos", until the 4:30 arrival of local WIBC's carrier. MY I WISH YOU AIL A WEW MERRY' CHRISTMAS, EVEN THE aIES (about 575 of $;$ OU) WHO DON'T SUPPORT THIS SECIIOT.

MEROERS LOGGINGS AND ATIVITIES

ROBERT E. FISGHER - Box 94 - Newark, Delsware - 19711
finished construction of pi-network antenna impedance
matcher. It sure improves the amount of signal getting into my SPR-4 from short longwire antenms. Comparisons were made using a $26^{\frac{1}{2}}$ copper wire with and without impedence matching, and the SM-C. Sigmal strengths of daytime locals were measured. Results are shown in the table below.

Average dB in by cein of SM-3 piver unmatched IW
using pi-network
Low-band stations
( $540-680 \mathrm{k}$, five stations)
plus 29 dB
plus 39 dB
Mid-band stations
( $880-990 \mathrm{k}$, five stations) pius 24 dB plus 34 dB
Figh-band stations
( $1300-1600 \mathrm{k}$, eight stations) plus 13 dB plus 25 dB
The SM-2 fives a uniform increase over the matched longwire at all parts of the bend. Sigmls were increased considerably by using the pi-network, instead of a simple longwire. On the IW band impedance matching yielded a 42 dB increase on a sigmal at $18 \% \mathrm{k}$. Numerous sigmals were noted on the LW band that could not be heard without matching.

RICHARD E. WOOD - Dep ${ }^{\prime}$ t of Foreign Languages - L.S.U. - Baton Rouge, La. - 70803 $m$ pleasedto Members may recall my earlier criticism of the Drake SPR ${ }^{4} 4$. I suppliers, Gilfer Associates, whor troubles klth that KX are over, wich encinetrint progress has been made on the SPR-4 since the enrliest production ine models. Most of the specific problems I reported on morer one of the irct - have now been ironed out. I am now impressed with the audio, the nut filter, the noise blanker, and other features. The $S$-meter is much improved $+\infty$, as is the overall gain. The formerly slow relense time is now speeded up, too, for rapid return to readebility after an electricel pulse or tuning from ap, weak sigmal. All in a11, I can now recommend the currently produced SPR-4, at least after Gilfer's quality control on the units it supplies. I also hear good things about the Dreke $R-48$ and was impressed by one I tried recently.

e, but my mor twi= to Durope was supposed to be the hichlight of 1972 for now living at our in Houston on $10 / 10$ turned out to be the major event. We are next issue to supiemsey adress and when I find the NRC forms, I will get out the lictiñe reacy to co. Niv ner location the data all organized and all revised
 his sonom tha I. have in sevemi years. The 4o-180 snd the to be more acive rine out here. it oy apartment, there was too mio steel in the building work many Honoluly BCBimges for cood DXinc. Our new phone number is $377-9965$ in too anyone in the Club is visiting the Islands. (The best, Norm, to you \& They! -ERC)

GVID BMHLK - 29ch T WIdenes - W1ckIIPFe, Ghto - 4hoge
one yet, but Hi a 11: I hope you all had a good Thenksgiving. Not much listering finally wrote me back; are in strong mormings just before 7 . WWOL-1120 in Buffalo Capt. Glotz must excuse me for year it took em. Right now I have the flu, so than no Musing at ail, right? 73s. (Right on! -ERC) But a small Musine is better

4 morss - Route 3- Bradford, Massachusetts - 01830
11/16- WLIJ-1580 Shelbyville Tenn. on top or all e 5:30pm, \& a mysteTy on 1550 in FF \& a Camadian my over everybody, 11 ight fade $\mathbb{E}$ E 6 ID, but call sounded like CPML - signal ws higher than CBAG ever put in here, even when AN \& ciear. $11 / 17-$ A fast switch from 1380 to 1420 \& I found same selection being played on CFIA \& Plessisvilie and they turn out to be a $/ /$ operation - st 16 miles spart $\}$ Seems rather dumb if they are // all the time. werr-1060 Natick, Mass. R to $4: 30$ s/or r with tearrecond j1ngle, very strong, 40 mile 10001 for me. $11 / 18-$ YNTE-1100 ex-WKYC in easily U/ZDX arM; they call themselves "3-We". 11119 WBIX1470 groadiay Va. 8 es off but not enount for a report; new here. $11 / 20-$ Three-way net AN-//, CFPA-1380 Victortaville; ©xil- 1400 Inc Megntic $\& 1420$ Plessisville; rirst time Iac Megantic noted AN. I presume ciad Thetford Mines also //as well as nev Asbestos-1340 when it gets on if it's not on alreay. HIJB-930 Sarta domingo as o/ucco, $1: 25$. CXKR rosetom 9 sisk. in clear as carly as $1: 45$. Xerps-1090 many xopy 3:10. WMEX off this AM, all CJRS. WBM-1550 Utica ET 2:30. CKIM also off part of AM. 11/22- Ammal report to R. Carupano-1110, easy. $11 / 23-$ uCAU w/FB \& station with ads for stores in shopping center in Tipp Ctty - hopefully wavI as Chio has a Tipp City near wavi area. $11 / 24-$ WARR-1520 Marrenton N.C. to 5 s/off, OFM by VTRI, also needed. I also noted wobr wanchese N.c. topping 1530 e 4:45pm. $11 / 26$ AM, a total loas. I noted whex off \& WOR also at times. No sign of KTGOTEST, XIPRS in clearall the 30 minutes. FM netted another of my nearest unverified in WTB, fimilly uSFN off eariter \& WTBQ later so a two-minute tape - in 100fied in wise, rimally 6:10am - WAR Richvood on top of 600 tinl about $6: 20$, then WFFM Coudergport Pa.


Greetings people. I've done some Dxing while home tiv Fort Mill for the Thankgiving Holicays. Most of the stuff is in Doxi \& IDxD. If you needed sone Ihs, and you didn't ix $11 / 22-25$, kick yourself. Yss- $655 \phi$ ysp- 675 vere ensi2 c copyable withoor filters, as uas YSiA, 765 on $11 / 24$. Best catches of this, perIod vere THES-760 and a tentative yNs-725; see Focy's column. I spent some time on the graveyard chamels \& way very well make this wy primary domestic activity for a little while. If you're the kind of DKer who likes to verify his catches, graveyard bxing may not be for you as stations just surface for a few brief sec onds. Since I keep only heard records and tape the better oatches, this doesn't bother we. I'il wit till Im working and earning money berore again writing for veries: Aucyuy, the challenge of pulling an ID out of that mess sure seems chailanging. The idea of establishing local two-meter FM nets for DXErs seems intriguins; many FH channels, such as . 46 and .52 , have very little activity due to being "oddball"as far as repeaters are concerned. This wouldn't go over too well in lems populous N.C., but might be worth while in N.J. Repesters would tend to be unoccupled in the early AM hours, I think. Southern DXers should start watching the $1500-1590$ block for good catches at sss; es fecially Kois-1570. Also watch 1060 for KIMO around 1530-1600. Iess gab, more DX next time. Happy Holidays, all.

JIM POTEREA - 949 Queens Drive - Yardley, Pemsylvamia - 19067
I vas up at the Jersey Thing over the Thanksgiving weekend, and engoyed it tremendously. Nice to be able to associate faces with names wich appear joyed It tremendously. Nice to be able to associate faces with names which appear
so often in DK NEWS. TA CX have really slowed down now, but the veries from the sreat $C X$ earlier this year still come in: Iflle -1376 is most recent, with Isbon-
 755 a fer weeks ago. Other veries: wMAL-630 WDAK-540 WLOB-1310 KFAB-1110 for my KIFG-1090 WFAX-1220 WSYR-570 WMIn $1110 \mathrm{WIHM}-1530 \mathrm{WROV}-1240$ WHOM-1480 \& HIBG-1160.

 WSVS-800 way over CXIH E s/off, for a report which I have heard inconclusively on so maty f/es. TIGPF-1124 has also been in recently, IDs as "R. Capital, Costa Rica." Issue $\$ 6$ was really full of $D X$ - I Just hope we get Foxy back soon. I just got verie 3300 , I hope to have 500 by the end of school in June. I have many reports still cut, so I may mamge to make it. In closing, 73s, and Seasons' Greetings to all DXers everywhere.or

EBITOR:
r.j. etmunds
bax 846 wayne. п.ן. 07470
$\qquad$ <
,
$\qquad$
GKRS-PQCKRS-PQCINL - BCWEGG-NC Change ANT to DI (9/7;)CP is on ( $10000 / 1000 \mathrm{U} 2$ )CP is on $(10000 / 1000 \mathrm{U2})$
CP is on $(10000 / 5000 \mathrm{U4})$
CP is on $(10000 / 1000 \mathrm{U2})$CP is on(10000/1000
.CKX -NB CP is on ( 10000 U 2 )$\begin{array}{ll}\text { CKX } \\ \text { CJRC-ON } & C P \text { is on } \\ \text { CP is on } \\ & (50000 / 5000 \mathrm{UH})\end{array}$ CJRC-ON CP $\begin{array}{ll}\text { WURC=ON } & C P \text { is on } \\ \text { WUSTM } & C P \text { is on }\end{array}$

 ,



KVOY-AZ CP is onCFGO-0HCFGO-OH CP
KPTA-斯 CP isWKAO-FL PFR: 1000 DI (CP)
$+\times 1420$ C... $=P Q$ Plessisville, is on AN NSP. What is call ????

## cill applictions

req. WCBQ
req. XPAT
req. KLAT

## F/C's

MOVEMBER: 1st Su: KCII-1380; 2nd WM: WAMI-860; 2nd TH: WFLW-1360, WPGF-1430;
 0230), KXEO-1340; 3rd TU: WLTT-1330, NMTR-930, WSEV-930, THOL-1600; 3rd SA: WHS -1440 ; 3rd TH: WCPM-1280; 4th MM: KKIM-1000; 4th TH: WBTX-D 70 ; 4 th FE: KGVL-1400; 4 th WI: $\mathrm{KCO}-1400$;

DECMABR: 1st TU: WSNJ-1240; 1st :IL: WFLB-1380

## sunsel \& evening

550 WGiN-RI Atop channel w/WHLH nulled w/rr, spots $211311 / 13$ ( Jim Po-
730 ...pre- terba, Yardley, Pa.
730 invencio Fair © 1745 s/off $11 / 21 \mathrm{w} / \mathrm{CHIR}, \mathrm{CKAC}$ (Jeff Falconer, Clin-(AI-TI ton, Ont.)
TLIL-711 Jeaic in mess w/ s/off 11/22 1730 (JF)
W/ cdw mx 11/21 174ó fair w/ CJNR (JF)
Fair w/ rr 11/25 1703 , WSB not mach problem (JF)
Finally hrd w/ s/off $11 / 251659$ way u/NJR (JF)
Good w/ MoR mx $165011 / 25 \mathrm{w} / \mathrm{WABC}$ (JF)
Hoted one ID $1800 \mathrm{ll} / 30$, correct time for SSS, so assume this was s/offf ID. WY nulled. (JMP)

 i/rr 1728 111/2ó w/ NOCO nulled (JF)
Good © s/off, vy little GRM $171311 / 24$, lst time here (JMP) In well 1725 s/off thru W'AZ/WCPC, no SSB 11/24 (Harry Helns, Carrboro, N.C.)
350 ":ixlin-III Tnding GBS feature, "XL" slozan into "Super Shirk" show and rr (1718 11/22 (HLH)
 Good sig, makes up for 10/29 no-show DX TEST here. (Tom Sundstrom, Willingboro, i.u.) ** Tom, did you know there's


NAVE-KY ofw to s/off $165911 / 19$ (JAP) 1730 11/30, vy little Woted W/ ma
WPEOMOH Strons after WWDJ patt. chz. W/rr, soots, some for establishStrons after WWD. patt. ch3, W/rr, ssots,
ments on "the lakefront" $1700 \mathrm{Il} / 30$ ( NP )
WNRV-VA Hrd $12 / 21604 \mathrm{w} / \mathrm{ad}$ for trailer homes on rt . 460, also a Hrd $12 / 21604 \mathrm{w} /$ ad for trailer homes on $\mathrm{rt}$. . 460 , also a
Magnavox dealer, all in Narrows. Good w/ WIBG completely Masnavox dealer, all in
WIMS-MA Hrd $12 / 21545+\mathrm{W} /$ dept. store ad, shopping mall, food store ads, pop mx, splash from nulled WIBG. Poor-to-fair W/ WKDE QRM. New here (TRS)
WKDE-VA $12 / 2 \mathrm{w} / \mathrm{ID} 1600$ into nx o/WIMS w/ exc. sig., new here (TRS)
WRETAKY Alone w/ fair sigs $1635 \mathrm{ll} / 22 \mathrm{w} / \mathrm{cow} \mathrm{mx}$ ( JF )
WVOV-AL WE W/ WCFL. Had ID 1710 11/22 (JF)
GJIC-ON Fair w/ CHOM mulled w/ osw, 11/35 1605 ( JF )
WHYZ-SC Vy wk in WFII/CHOK/WIBC mess w/ ID 11/26 1720 ( JF )
WJRD-AL SID surfaced in mess 1725 11/22 (HLH)
CFML-ON Finally hird w/ exc. sig w/FF $n \times 11 / 251500$ (JF)
KHAD-MO Welcome catch 1730 11/22 mixins w/ WOWO w/ local ads, CST TC, and ID (HLH)
Tentative $w /$ WBUD mulled a quick SID popped in o/MIDC, WHDDR Sure that it ended in "x". Could have been KROX, but chances are better for this one. Not counted. 2021 11/21 (JMP) Finally hrd $1804111 / 23 \mathrm{w} /$ local ads, nx ( HLH )
In w/ad for Volunteer WW of Manchester 1742 11/23 (HLH) Into TN nx $175511 / 24$ ( $\mathrm{H} / \mathrm{H}$ ) ** Is that Tobacco net or the abbr. for Tennessee, Harry $2 ?-\mathrm{RjE}$ Atop channel w/ s/off which included a poem about American Hertiage and the Quantico area $11 / 121658$ (JMP) ** That's not about the book, hi -RjE S/off dominant plugging FY, no sign of CKIMmCHLO. Strong for 250 watts $1745 \mathrm{pl} / 22$ (JTPP) Tentative, ID sounded like WexP, but since this is right SS time, and item hrd was a s/off, I would assume this to be it. $180012 / 2$ (NP) $\because$ They get to be almost a rejular here at SS in winter - RjE Hrd s/off $11 / 21$ l 800 by man w/ FM promo (HLH)
Hrd w/ clew mx, local bank ad, ID, TC 1735 atop freq. almost as yood as DX TEST of $10 / 6$ (TES) Hrd 12/2. Alone w/ beautiful max to s/off anncts., some of which were
voice-overs. Ho W:RL this eve. $1700 \mathrm{ll} / 22$ (JP)

## mitaint to sunfise

670 KBOI-ID Copied from WMAQ s/off $020211 / 20$ to KBOI s/off 0205, 2nd Idaho in 3 mins after 4 years of tryingl (Paul K. Hart, Ft. Worth, Tex.)
710 WGBS-FL Strong w/ "Issues \& Answers" to s/off 0130 11/27. Also ETing later $\mathrm{w} / 0 \mathrm{C}^{2}$ S IDs during WOR SP. (JAP)
WHB -MO
unTD
KBTR-CO Think this is the one w/ talik or all nx, once every 5 mins equal to 2 above... (Boyd)

KCKC-TX W/O\& stuff all A: $11 / 27$ in NIS null w/ no KCSS (Boyd)
790 WFWH-FL Fair w/ WTAR nulled w/rr 0007 11/23, cx seemed auroral (IILH)
900 WS N-FL $0125-0130+11 / 20 \mathrm{ET} \mathrm{w} / \mathrm{mx}$, tones. Fird a lot of irreg. testing
from them last season ( FH )

960 WERC-AL New call logged for first time alane, but fady $11 / 40424$ (JMP)

* 1000 KKIM-NM Noted new time on f/c 0217-21 11/27, many $\mathrm{DB}_{\mathrm{s},} 1 \mathrm{kw}$ TT (Boyd)

1110 MUNGS Think the one o/UKFAB 0132-42 11/27 w/mx, wx,jx, MoR standards,
+1140 KGEM-ID Wany instrs. (Boya)
1190 IHDS-12 $\begin{aligned} & \text { O200-0700. Had to use MF to split out of mess. (PKH) } \\ & \text { In well } \mathrm{w} \text { / edw, several "KRDS-Now That's Country" SIDs, no aign }\end{aligned}$ of anyone else an channel 0110 11/20 (JMP)
1230 WERI-RI W/HI AN, PSA, promo-ID 11/23 0120-30 (Boyd)
WBIA-GA ID "WBIA Radio, Augusta" 0130 11/25 wx. (HLH)
1240 WGBB-NY First ever noted on AN show. Hrd during WBIR sked test which didn't show 0148 12/4 (Dave Schmidt, Wilmington, DE)
WBIR-FN No show on TEST due to WCAB among others (TRS)
WONL-AL Copied $050011 / 16$ and $030011 / 20$, must be NSP (PKH)
KCNW-OK W/ CEW AN stuff u/WERE-WFBR 11/21 (Boyd)
KVOR-CO MM s/off seems stable at 0205. Hrd again 11/20. Testing briofly after 0500 11/20 (PKH)
WBLG-KI Copied on tost $11 / 20$ into $0500 \mathrm{~s} / \mathrm{on}$ (PKH)
WOCD-MI Copied 0500 11/20 s/on but too weak for tape claim (PKH)
WMAK-TN Finally a usable ID $040011 / 20$. Were carrying canned religion pop mx and a NYC mail address... very mbsleading... ( PKH ) \#\# As are most canned religious pgras, hi....-RjE
$1310 \mathrm{KNFI}=$ CRI $\nabla_{Y}$ wk but definite DD in ET $040011 / 20$, ireq. very cluttered w/hets, usual KBUZ very wk. (PKH)
Whil -TI S/off $11 / 200130$. Thought thay'd gone back NSP when they went past 0105, but luckily no. (PKH)
1370 RNL-1A Atop WHOT $12 / 40157 \mathrm{w} / \mathrm{soul}$ show. Believe s/off 0200 (DS) ** Horror of horrors, atop WHOT??? Is nothing sacred ?? -RjE
$1360 \mathrm{kSCJ}-1 \mathrm{~A}$ Extremely rare 0102 11/19 in KXOL null, usually WBAY-KRYS-WSAI there. KXOL not hrd off in the AM in $4 \mathrm{yrs..}$. off for pwr failure once, but freq. $+3-/$ s9 without them,.... (PKH)
1370 WCOA-FL O/WSPD DO50-0100 11/23 (Boyd)
1390 WEAM-VA ETing $12 / 3 \mathrm{w} / \mathrm{C}$, IDs, one noted 0224 (JMP)
1420 WVJS-KY On w/ "special edition" spots for Rockford, IN; Ac nx 0100 11/25 difficult to null WHK. (HLH)
1440 WHHY-AL 0/usual mess 0100-35+w/rr 11/23,24... (Boyd)
1450 WGNS-TN Surfacing amid mess 0030 11/25 w/"25 yre on the air" promo, local nx headlines, rr. (HLH)
1.660 WTELR-MT Tentative ID thru WOKO 0310 12/3 maybe ET or PoP, but no TT, hrd, note sked for $\mathrm{f} / \mathrm{c}$ previous AM, so maybe a make-ud? (JMP)
KSO -IA Long wanted, finally hrd in WOKO null w/rr, SIDs bewteen records 0330 12/3 (JMP)
1530 WRPM-MS Ending ET-TT 0240-48 11/27 (Boyd)
1570 WKKS-KY Fair $\mathbf{w} / \mathrm{CHLO-XERF}$ on test 0103-15 11/27. (Boyd)
1600 WAPX-AL Atop, then KATZ up, both in well o/WWRL all AM 11/27 (Boyd)

Well, thassit. I don't know as of now if this coulmin is scheduled or not, as I've no indication as to where the Holiday "skip" comes, so if we have 2 DDXDs in ane issue, it won't be the first time..... Domestic log project delayed temporarily awaiting xeroxing before mailing copy to GPN just in case the U.S.P.O.D. loses
it in the Holiday mails. Have a list of parts \& equipemnt for sale by Steve Bohac and myself which I may get into this envelope to $H Q$ if there's time to type it.. Otherise, 73 and CU next time... RjE

GRAND OCTOBER ACROSS THE BIG POND SIMULTANEOUS LISTENING CONTEST RESULTS

Sixteen participants, including the four judges, were noted largely in the pages of the bulle tins. Ten were from California: John Clement in Newhall; Bob Karchevski in Daly City; Al Lehr in Livermore; Arthur Peterson in San Pablo; Charles Taylor in Imperial Beach; Paul Welka in San Jose; plus judges Grant Manning and Father Jack Pejza in San Diego; Ralph Sanserini in Huntington Beach; and Jay Murley in Newport Beach. Alberta contributed two: John Oldfield in Edmonton and David Oliphant in Medicine Hat. Rounding out the list were Parker Moore in Vancouver, B.C.; Pat Martin in Astoria, Ore.; Credo Bisquera in Waianae, H.I.; and one from"the "east", Dave Rogers in Nomman, Kansas.

Grand prize winner was Art Peterson with 54 points, with Bob Karchevski in second place with 50 . The best of the judges' scores was 36 , ranging down to 22 , with none competing for a prize. (One conclusion drawn from this is that San Francisco Bay Area DX'ers free of mountainous interference have an easier time of it than their counterparts on the Southern California Coast. This, of course, does not take into account their more sobered efforts to conscientously hear something thru the splatter). Winning third prize with 20 points was Parker Moore, with the decision of the judges that David oliphant takes the fourth prize:

The gear used by contestants varied tremendously. Most used loop antennas, with or without amplifiers. Art Peterson used a Hammarlund HQ-180A as a primary receiver, with a Bendix MN-26C as a standby, and a Worcester SM-1 loop. Bob Karchevski used a National NC-183D, backed up by an array of auxillary equipment, hooked to a home-brew 68" box loop without pre-amplification. All four judges used Sanserini loops, though Grant Manning's version of Southern California's tinkertoy undaubtedly included this month's array of special features. Surplus equipment was much used, particularly ARB's. Standby equipment useful for logging parellel broadcasting included such novelties as a Nationa NC-125 with Q-multiplier hooked into an ancient NRC loop. At least one 180 was in use among the judges. But in Vancouver, however, Parker Moore used a Philips mantle radio ( $\mathrm{P}-145$ ) with Q-multiplier and antenna taner hooked up to an old-fashioned hundred foot longwire. At least two vast beverage arrays were available during contest periods: neither the California or Nebraska arrays produced an entry.

One question mark appeared in the entries: do you log stations that were fading in just before the end of a bloc -- or signing off just after the start of one? The rules said a five minute reception was required: if five minutes were heard -- and most of it was in the interim period between blocks, it could still be cunted if the judges agreed that part was logged within the bloc in question. Quite a few stations were involved, with time blocs scheduled 0800-0930, 1000-1130, and 1300-1430 GMT. October 2 saw JOBB fade in at 0929, a feature noted only by the judges. October 9 saw KGU sign off at 1003 or fade out at 1002 , depending on the version accepted. No one claimed Peking 1040
at 0930, fade-in time in Southern California on 10/15. But KHVH signed off at 1000:30, was counted by Peterson (and one judge internally) and accepted.

The toughest stations have to be those claimed by only one contestant or judge. In the 825-845 KHZ bloc on 10/2: Art Peterson's J00K, 1120-1125 and Bob Karchevski's R. Malyasia from 1400-1407. In 750-770 on 10/9: Grant Manning's North Korea 765 at 1115 and Jay Murley's J0PB (running parelled with powerhouse JOUB ten khz away) at 1025, prior to Peking's fade-in, burying the weaker Jap. The 1020-1040 dial segment on 10/15 showed Credo Bisquera logging Honiara's VQO in the Solomon Islands and Art Peterson's Chinese at 1030. Poor conditions on 10/23 hurt the contest and increased the number of solitary reports, even of the often-heard stations. Karchevski alsone heard (1) the last nine minutes of KYAK before their 0859 sign off, (2) Verkhoyansk at 1300 GMT, (3) Peking ( 645 khz ) from 1425-1430, and (4) the North Korean powerhouse in two of the three time blocs. (Bob heard it in all three; but was prevented from a clean sweep of three exclusives by judge who also heard it shortly before 0930 in the first time period). Known for his ability and location to wrack up the downunders, Pat Martin alone picked off 2YC from 1046-1051. 10/30 eatured $870-890 \mathrm{khz}$. Nobody heard anything reportable in the first bloc: everybody was skunked. The second (wee small hours bloc) showed a pitiful three contestants: one of them a judge logging Columbians and Wasolchistically wondering whether conditions for T.P.'s could get any worse. All three would hear Wonsan, but only Peterson picked up JOGB and JOHK Now 1300-1430 GMT the sut onis shift, never attracted many contestants anyway. It had its own special judge, Ralph Sanserini. On 10/30, after miserable conditions specia judge, Ralph Sans in jog jat log jam that pald of thi those who sat thru it and looped carefuliy with 18, with Peterson showing exclusives on Urumchi - 880 and HKLB with 18 , with Peterson showing exclusives on and

The commonly reported stations, with five or more listings, were JOBB-830 in 1000-1130 on 10/2; KFQD, KGU and JOUB in 0800-0930 on 10/9; JOUB and Peking 760 in 1000-1130, $10 / 9$; KHVH in $0800-0930$ on 10/15, with Peking - 1040 in both of the following blocs, 1000-1130 and 1300-1430; and KORL in $0800-0930$ on 10/23.

We've noted how 10/30 went from miserable to superb as the night wore on: $10 / 9$ was the other way around. The third bloc noted Pat Martin, Grant Manning, and Ralph Sanserinc: each having to strain for one solitary logging: JOUB in Akita Japan on 770. Two hours before, it had been gangbusters for six listeners:

Now to future contests. SCFCPSDX, meeting at Seavers in Imperial Beach over Thanksgiving weekend, decided to abide by Karchevski and Pejzza's suggestion that the three time blocs be made consecutive. A
few stations were logged by some contestants in 0800-0830: the judges felt that all by KYAK could be logged in 0900-0930. So.... the next contest will run 0900-1030, 1030-1200, and 1200-1330 GMT. It was also felt that additional provision has to be made for entries from inland states and provinces: contestants from Pacific areas whose receptions are blocked by mountains, from the Fraser Valley to San BernadinoRiverside will continue to have problems. One suggestion has been to automatically double the point scores of those living in states or provinces that don't border the Pacific, but no firm conclusion has been reached. We have concluded, however, that all judges ought to report their catches to the columns -- if only because this author's reception of JOPB-760 hadn't been noted elsewhere.

Was the contest a success? The number of entrants was poorer than expected. But conditions were poorer than expected, too.... and next fall should be better, if sun-spot trends have any validity. The contest did boost the number of TP reports....and some of the loggings were rather exotic indeed. Consider.....without the contest, we might not have seen reports on FIJI or MALAYSIA!
(Jay Murley)

PROGRESS REPORT ON THE NEW NRC DOMESTIC LOG...
Russ Edmunds and Page Taylor have finished preparing the first draft of the new Domestic Log; last effort was the inclusion of a large body of important info from former NRC Publisher John Callarman. The original draft will be Xeroxed in NJ this week and sent up to HQ. We will prepare several additional copies and mail them out to two groups: the first consisting of several of our top domestic DX'ers for purposes of proofreading, and the second being those members kind enough to respond to our recent request for aid in completion of the Log. The second group will be responsible for preparation of the new alphabetical call/frequency index; they will also receive copies of the master call sheets containing an alphabetized tabulation of all possible $K$ and $W$ calls to serve as a work sheet. This important part of the Log project was provided by Dave Fischer. The proofread and corrected manuscripts will then be pooled here at $H Q$ and given to a professiona typist for preparation of the final copy; final proofreading will be by the $H Q$ crew. Final copy should go to the printer in 6-8 weeks; completed Log should be out a few weeks later. As with the Pattern Book project, many people are involved and it is truly a club project. Thanks again to those who have volunteered to help; you will be receiving the manuscript copies in a week or two - about 3 months ahead of the rest of the membership; you will also receive free copies of the finished product... Please also remember to send along a small snapshot so we can add you to the rogue's gallery ala the Pattern Book! For the new members, the NRC Domestic Log lists all U.S. and Canadian stations, by frequency and by call letter, gives schedules, mailing addresses, powers, class of operation, and PSA power all in one handy plastic-comb bound volume. Reservation and price information for the NRC membership will appear soon in DX NEWS.

EDIPOR:
Page Taylor
P.0. Box 282

Butler, N.J. 07405

111 reported receptions this meek via land-line from $E 0$ and local people. We hope to make a smooth transition; therefore, please phone or airmail your receptions to reach me by friday of each week. Thanks to ED for kind introduction in $12 / 7$ Din of each ox phone number is 201-838-5721, but hours of 1800-2200 daily only. TA condz have returned to no the
 arotic rag after an absence of aeveral aeasons. exith reports of $u$ broedoest sectinue
W. Germany. Fol munich 2025 on $12 / 2$ in RR; thought Moscow at first. (Bill Bailey, Mass)
52 Costa R1ca. R. Rumbo, Cartago is a powerhouse compared to 532 the IA on 532 (Bailey, Mass

Irequency Bcuadorian? (Balley, yass)
532.5 Dnid. Il 0100 on $12 / 1$, weak. Too cold to gtey for ID hi

Reception on Beverage in New Hampshire wilds (Nelson, HH )
4igeria. Ain Beida noted here 2300-0000 a/off on 12/6;
male-female anncrs in $A$, chanting, instrumental anthem at s/off, 3 minutes of 00 remaining after a/off. Strong signal, and $/ / 548$ Oran. (Steve Bohac, New Jersey)
535 Gronada. .i.B. $0120 \times 0125,12 / 1$ on Beverage with reitgion
539 Hungary. Budapest (Kossuth R) finaliy inlowed. (GPN, NH)
539 Hungary. Budapest (Kosua USER Jeningrad/odeses male anncr, 2152 on $12 / 8$ (kd sumds, NJ) USSR. Ieningrad/Odessa 2218, $12 / 8$ With M-F anncrs in RR, lengthy discourse apparantly not nr or political, as delivery
Wriefly with woman in lengthy talking in RR , domineting channel 2215, 12/8. Oran noted weakly under, Gone in aboun four minutes. (Tayior, NJ)
555 St, Kitts. ZIZ at 0115, $12 / 1$ on Beverage 20db. over s9, in the clear and no fade. (GPM, NH)
638 azechloslovakia. Prague at 2224, $12 / 8$ with nxeast in ozech, strong ofer RNE. (Bdmunds, NJ
United Kingdom. Daventry noted at 0350 tune-in on 12/6 in Midale Eastern language with indigenous $m$, thought was exotic.
674 perhaps even Turkey until BBO ID at 0400. (Bailey, Masa) (Sri, OM-ed)
4 France. Karseilie ilnaliy hrd 2227, $12 / 8$ with talk in FF by
 Czechoslovakia. Banska-Bystrica et.al. amidst splotches from WIH/HOR 223l-2233 on $12 / 8$; a woman talking interspersed with segments of guitar music, possibly an appreciation lesson. ( $\mathrm{RjF,NJ} \mathrm{)}$ ac223-2233 on l2/8; amazingly potent signal appearing from nowhere with guitar segments, high-pitched woman talking or nowhere With guitar seg
lecturing. (Taylor, NJ)
719 Portugal. Norte at 1847 tune-in on $12 / 7$, one of the earliest TAs to appear. (Ray Moore, Mass) (note-that's 1347 local time!-ed)
TAs to appear. (Ray Moore, Mass) (note-that s 1347 (

737

Iscael? Signal noted $2230,12 / 9$ appearing to be in Hebrew
mired with RNE. Tentative. More detailed analysis necessary
(GYI. Mass via phone on 12/9)

Tnid. Signal first noted here or00-0800 on $12 / 9$ in harshoounding language by very deepmoliced male announcer mixed rith RNE and bearing significantly farther north than RNE Fery deep and lengthy fades. Hopefully Iceland. Bears watching. (Taylor, NJ)
746 toid. Strong carrier here 2200-2230 on 12/7, egain $12 / 8$ causing sharp SAH Wth IOpik. Oannot determine bearing, therefore suspect something on same bearing as Lopir. (RgE, NJ)
 Bulgaria. Solia 2130 on $12 / 8$ with IS three times. (Bailey, kass) Italy. Rome 0233 on $12 / 1$ on Beverage, locel quailty, no fade with ol mx program. SLE visible: latest EBU says DSSR listed. (Molson, HH)
854 Romania. Bucharest at 2206 on $12 / 7$ with nx in Romanian by femie ennouncer with low voice; mixed with marcia. (Edmunds, NJ保 0355 in late November under auroral Best bet for P.R. (Bailey, Hass)
881 Tonited Kingdom. BEO4 Welsh service at 0000, 12/6 good level through NOBS adjacentB. (Moore, Mass) Christmas carols, EX ID at 0200. (Helson, NH) ustris of on 12/8; lengthy commentary by man in GG accented dialect. sdrund 8 , Taylor; IN
Creat Britain Brookmans Park BBO4 on late 0000-0030 on $12 / 8$ with etook report. Other BBC4 noted late also: 692, 881, 1052 and 1151. (Grent, Hass) (noted here also late for past week, call it a sked change, I guesse-pt)
 difficult losging e. couldn't tell who was who, hi. (RJE, NJ)

* 1100 intigus 2Dx hrd vith $8 /$ off 0205 on $11 / 26$. Have only hrd s/off at that time, not at later listed time per WRTVH '72. (BaileJ, M
1142 uleria. cran/Constantine noted 2245 on $12 / 8$ with high-pitched
male chantings. (Edmunds, NJ) Same as above, present; interestingly, same this one best early sunsets prior to builaing up of Ouban fammer. (Taylor, NJ) France. Strasbourg noted 2155 , $12 / 8$ with powerful signal, FF rocal MoR followed by male announcer;in null of a weak FJJD. (Taylor, NJ)
**1204.6 Unid. in iA 2122-2130 on 12/3; fair signal with chanting; Belleve s/off is about 2302. Average of 14 bearings is $57^{\circ}$, wich suggests Mddile East, not Horth Africa. (Moore, Mass
*1204.621 Unid. In MA 2150 on 12/8 with slight audio; can epil from ORTY until MFs are installed; DF seems slightiy higher than Prance, but that's pr
1214 1tems are same station-pt 11/19 excellent W/IS, anthem. Good bet for West Coast reception. (Bailey, Nass (agreed-pt) domestics, "patchily audible fill very early SSS reception (RJE) Horway stavanger $n$ ncast by deep-voiced male announcer aitho somewhat "brindied"
by another TA, probably RNE, Zaragoza. Best signal ever on this one, but faded down before s/off, so no tape agn. (RJE) co610-0615 on $12 / 10$ with s/on procedure; Is sounding like a cross between piano and xylophone; s/on announcement 0615, then Into wierd miprogram, mixed Euro-rock and modern jazz sound. Hote different than Iisted s/on time, as this was for sunday AM reception. (RJF, $\mathrm{HJ}^{(1)}$
1324 Albania. Mirana at 2040 on 12/2 in EE for another early SSS reception. (Grant, Hess)
* 1414 Spain. Probably Pamplona hat here 2245 on $12 / 6$ with SER notwork ID listing several frequencies including 1414. Io local ID but latest EBD shows only one Spain on high side - Elj 6 , pamplona rith ziwo, sek, drifting between 1413 and 2415. Iom. 1412. (Beiley, 如ss) (nlee!-pt)

1435 Saba. Fetherlands Antilles taped 0015-0056 on 11/5, definately ID as PJF1, the Voice of Saba". (Ray Hoore, Mass) (note call not $P J F 7$, as originally reported to be.-pt
1457 Albania. Peking relay hrd 2140 on $12 / 2$ poor to fair with maily sunset reception of 00 mx , s/off 2155 with Albanian anthem, carrier cut immediately. (Grant, Masa)
1457 Unid. TA weak carrier 22l2, $12 / 8$, no audio; DF says BBO R. Iondon but still no trace of IDable BBC locals this Jear. (Helson, Hass)
1525 Ohina. Urumchi logged 2200-2305 tune-out on li/2 with very good gignal; four govorit Pekin" IDs at 2200, 2300 interspersed wth "Rast is Red"IS. (Hoore, Mass)
Peking/unid. USSR Etrong around 2300 on $12 / 3$ in RR on Beverage second carrier present also RR, slight het from TIEEAM on low side. Other Masachusetts DXers with loops reported no reception this day. (Helson, IH)
cmo carriers visible 2200 on 12/8, no audio; Costa Rica on low side (Helson, Mass)
und. at 2140, $12 / 6$; at lasst three carriers, two on channel, one on low side; no audio. (Hoore, Hass) (see above, Ray.-pt)
1554 Prance/JSSR. Both w/mixed audios 2151 on 12/8; 11.1 Hz. SAH (GPM)
1594 France. Several listed here; 0515 on $12 / 8 \mathrm{with}$ JS pops, incl. "Stars and Stripes Forever" (!-ed); a surprise - Iisted 1 kw. (Balley, Mass)

That's it for this week. Please forgive first efforts. I have suddenly arrived at the stark realization that I'm no typist, hi. Don't forget those reports ... all are welcome! Iou need not be an international "tyro" or "90-day wonder" to report to IDXD. Remainder of apace for HQ ...... 73, pt


ASUNCION-PARAGUAY

## REPORTEDLY IN OPERATION...

## Latest interesting information from the EBU as of about 3 weeks ago:

539.000 Kuwait. Still listed with only 1 kw ; widely heard with good signals as far as the EBU site in Lisbon; obviously much more power than 1 kw !
Those looking for Faroe Islands at their $0715 \mathrm{~s} /$ on or later should note an SAH of between 0.3 and 1.6 Hz between the Faroes and RNE.
587. 481 Saudi Arabia. Heard in France; supposedly l, 000 kw .
610.104 Unidentified Iraqi station heard in Monza.
647. 100 Unidentified station heard in Monza and Belgium; may be a North African
644.994 Iran. Heard throughout Europe but usually signs off too early for us.
655.008 Vietnam. Hue reportedly heard in Finland.
655.02 North Korea. Pyongyang also noted in Finland on this freq.
678.570 Unidentified East German noted here.
710.600 ' Cairo is this far off channel or greater; should make an audible het.
741. 107 Unid USSR. Someone here noted in Belgium.
736.880 Egypt. Asyut drifting around this channel.
759. 497 Sao Tome. Noted on this channel; if they drift a bit more there's hope...
776. 459 Iran. Zahedan heard widely but another early s/off for us.
818. 001 Morocco. Listed as only 25 kw but I'll bet they're more!
844.999 USSR. Elista noted as distant as England; no power given but must be pretty high; Rome is exactly on channel so the 1 Hz SAH agrees with what we saw in NH on our Beverage last week. This is located a bit south of Stalingrad.
863.00 Morocco. Ksar Essouk, 15 kw , now operating here.
885. 001 Saudi Arabia. Damman with 100 kw hrd as distant as England.
896. 968 Iran. High power now ope rating here but not well heard; poor antenna?
334. 725 Egypt. Cairo now operating here.

962 Ireland. The new West Cork station has been heard in England.
965.000 India. Cuttak noted in Finland; maybe the HQ $6600^{\circ}$ Beverage can do it?
980. 119 Crete. Iraklion with 10 now this far off channel.
992.264 Albania. Kukes with 8 kw now drifitng around this spot.
1034. 001 England. R. Medway is here now.
1069.020 Syria. Damascus noted here, off channel
1154.565 Egypt. 50 kw widely heard on this spot.

1195/1197 Unidentified Russian drifting around this channel; hrd in Belgium.
1202.210 Yemen. Sana drifing around this channel; only noted in Italy so must be pretty low power.
1204. 503 Unidentified station drifting around this spot heard in Belgium; suspect this is the Arabic speaker that Ray Moore and GPN at HQ have been hearing late afternoons.
1232.. Jammer noted here in Belgium; who is worth jamming here except maybe the Monte Carlo relay on Cyprus (see elsewhere this issue)?
1268.147 Balearic Islands. EAK18 is now far enough off the channel to provide a low pitched audio het; other EA's are on channel.
1292 Unidentified Roumanian now on this channel.
1345. 008 Kuwait heard well all over Europe but still listed 1 kw ; obviously higher. This one has been logged in former seasons by Grant, GPN, and others.
1448. 003 Unid Russian hrd in Belgium, Finland, and Italy.
1466.00 Unid Russian, believed Frunze, noted in Finland.
1525.000 Unid Russian noted dead center on frequency with no drift at all.

1525/1527 Another Unid USSR drifting around the channel; located somewhere far

- 1529 to the West. $\quad$ Jamming noted here in Finland
1529... Jamming noted here in Finland.
1524.990 Peking frequency noted varying as much as 7 Hz on low side; see later item
1524.990 Peking frequency noted varying as much as 7 Hz on low side; see later
1575... Kuwait was reportedly logged here in Sorrento but this may be a misidentification of the next station:

1575. 006 Sharja, Trucial States, heard on this channel in Belgium and Finland.

ISRAEL. Expanding upon the item in Page's IDXD which was phoned in before we had time to replay the tape: Kol Israel, Tel Aviv, positively logged for our 125th country from here in Watertown; HQ crew cracked a bottle of champagne to celebrate. Noted from 2243 tune-in to $1807 \mathrm{~s} / \mathrm{off}$; programming in Hebrew with Is raeli pop music and alternating man and woman announcers. Noted weaving in and out RNE which was carrying an opera at the time; frequently totally dominating the channel. Woman announcer prior to s/off 1806:30: "Kol Israel... Shalom. "; then the "Hatighvah", the Israeli national anthem. Measured frequency 737.0003 plus or minus 0.3 Hz ; SAH between RNE and Israel was 0.74 Hz . Report plus tape sent.

CYPRUS. In a letter from the station to Hal Robie denying a tentative taped report for reception last fall, the following schedule was provided: 0500-0900 and 14002015 (the last 2 hours in French, the rest Arabic except tow French news bulletins at 0630 and 1730 ) on 1232 kHz ; power is now only 20 kw but will be 600 kw in July of 1973 .

## CLANDESTINES AND PIRATES.

Radio Caroline. R. Caroline International 1973 has been testing intermittently on 1187 with 4 kw ; two 10 kw and 150 kw transmitters are on board; tests to date are to check the audio, plans call for upping the power to 10 and then 50 kw . (SDXC)

EAST GERMANY. On November 13 th the East German domestic services reported that a severe gale had caused the collapse of a 245 meter high mast at the Konigswusterhausen site interrupting the radio-telegraph service and the Radio GDR channel on 881 kHz . It is interesting to note that the broadcasts of the "Voice of Truth", the Greek- language clandestine station "Radiofonikos Stathmos i Fomi tis Alithias" ceased almost precisely at the same time, i. e., at 1145 on 11/13. (BBC Monitoring Service via SCDX)

## BROADCASTING STATIONS OF THE WORLD NOW AVAILABLE.

* The CIA's Foreign Broadcast Information Service has again published a tabulated list of all LW, MW, and SW stations (excepting U.S.) in regular broadcast service. Quality, as in previous years, is very spotty: some new info of use and a lot of old and out-dated material will be found. .. Examples: Morocco still listed on 529 and not newer 533 channel; R. Libertad, off at least 3 years, is still listed, no listing for Saba-1435, Mauritania-1349 is still shown with old 1 kw power, etc. They do have ZP7. Paraguay, listed with 2.5 kw on 735 kHz , but no clue about the mystery on 645 Supposedly corrected to July lst, 1972, these Logs are available from the Superintendent of Documents for $\$ 2$ each - Part I by Country \& Part II by Freq Write Government Printing Office, Washington DC, 20402.

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| CE | ${ }^{\text {Formosa }}$ | . 25 | ${ }_{\mathrm{HI}}$ | Dominican Republic | 25 |
| CNB | Morocco | . 45 | HK | Colombia | 25 |
| C ${ }^{\text {P }}$ | Bolivia | 35 | HL-HM | Korea | 45 |
| CR3,5 | Port. Guinea | 35 | HP | Panama | . 30 |
| CR4 | Cape Verde Islands | 40 | HR | Honduras | 25 |
| CR5 | Principe, Sao Thome | 40 | HS | Thailand | 55 |
| CR6 | Angola | 40 | HZ-7Z | Saudi Arabia | -55 |
| CR7 | Mozambique | 45 | , | Italy, Sardinia, Sicily | 45 |
| CR8 | Port. Timor | S0 | JA | Japan | 40 |
| CTI | Portugal | . 35 | ${ }^{\text {JT }}$ | Mongolia | 75 |
| CT2 | Azores | 35 | ${ }_{\text {KZ5 }}$ | ${ }^{\text {Jordan }}$ Canal Zone | 60 15 |
| ${ }_{\text {CX }}$ | Maderia Islands Uruguay | . 35 | KZ ${ }_{\text {LA }}$ | Canal Zone Norway | 15 40 |
| D | W. Germany ( $\mathrm{S}-25 ¢$ ) | 45 | LU | Argentina | . 30 |
| DU-DX | Philippines | 40 | LX | Luxembourg | 30 |
| EA | Spain | 40 | L2 | Bulgaria | +55 |
| EAS | Balearic Islands | 40 | MP4B | ${ }^{\text {Bahrein }}$ | +55 |
| EAs | Canary Islands | 40 | ${ }_{\text {MP4Q }}$ | Muscat, Oman | + 60 |
| EA99 | Spanish Sahara Spanish Morocco | . 50 | MP4Q | Qatar | 60 35 |
| El | Rep. Ireland | 40 | OD | Lebanon | . 50 |
| EL-5L | Liberia | . 45 | OE | Austria | 40 |
| EP | Iran | . 60 | $\bigcirc \mathrm{OH}$ | Finland, Alan Islands | 35 |
| ET | Ethiopia | . 60 | $\bigcirc \mathrm{O}$ | Belgium | 35 |
| F | France | . 40 | OX | Greenland | 35 |
| FC | Corsica | 40 | $\bigcirc \mathrm{O}$ | Faroe Islands | 35 |
| FG7 | Guadeloupe | 40 | OZ | Denmark | . 35 |
| FH8 | Comoro Isiands | . 60 | ${ }_{\text {PI }}$ PAD | Netherlands | $\begin{array}{r}30 \\ 35 \\ \hline\end{array}$ |
| FK8 | New Caledonia | . 50 | ${ }_{\text {PJ }}$ | Neth. Antilles | $\frac{25}{35}$ |
| FL8 | Afars-Issas (Fr. Somaliland) | . 55 | PY | Brazil | 35 |
| FM7 | Martinique | 40 | $\stackrel{\mathrm{PZ}}{\text { S }}$ | Surinam | 25 |
| FO8 | Fr. Oceania | .so | SM-K-L | Sweden | 35 |
| FP | St. Pierre-Miquelon Islands | . 30 | ${ }_{\text {ST }}$ ST | Poland | ${ }^{30}$ |
| FR7 | Reunion Island | . 50 | ST | Sudan | - 55 |
| FU.YJ | New Hebrides | .50 | SU | Egypt | $\frac{55}{50}$ |
| FY7 | Fr. Guiana | 40 | SV | Greece | 50 <br> 50 |
| $\stackrel{\text { G }}{\text { c }}$ | England (S-15¢) | . 30 | TA | Turkey | +50 |
| $\stackrel{\infty}{\infty}$ | Guernsey Island Jersey Island | . 30 | ${ }_{\text {TG }}^{\text {TG }}$ | ${ }_{\text {I }}^{\text {I celand }}$ Guatemala | 35 .20 |
| $G D$ | Isle of Man (S-154) | . 30 | TI | Costa Rica | 25 |
| GI | North.1reland (S-15d) | 30 | TJ | Cameroun | . 55 |
| GM | Scotland (S-15d) | 30 | TL | Central African Rep. | . 55 |
| G* | Wales (S-15d) | 30 | TN | Congo Rep. (Brazzaville) | . 55 |
| HA | Hungary ( S. ONLY) | . 35 | TR | Gabon | $\frac{60}{60}$ |
| HB | Switzerland | . 45 | TT | Chad Rep. | . 50 |



CIUT WCAS - 407 Elminood Avenue - Ithaca, Hew York - 14850 I've been hitting the dials kind of hard this pest week, w/28 new loceinge. No cood Auroral cx were noted this week, although on Sat. $11 / 25$ SSS 11/21-WGAR-1130 \& 5:11pri. 11/22- CKWW-580 ont. © Zam, CKPR-500 ont. © $2: 06$ s/of WEED-1390 N.C. © $4: 43$ m, $\mathrm{WCPC}-940 \mathrm{Miss}$. 5:42, WEED-1390 N.C. © $64: 43 \mathrm{pm}$, WCPC-940 Miss. 5:42, WITN-930 N.C. © $6: 11 \mathrm{pm}$, doing quite well o/u wBEI, \& i can t believe they were on night pattern which severely 1150 O. © 1:40. in 11/24-WCHO-1250 0 . surprisingly atop © 4 tan, WLEM-1250 ©
 WPHB-1260 P. © © 4:59, WTM -1.250 S.C. @ 5:25pm. 11/25- WCUY-1250 Me. © 3:42pm, WKNX-1210 Mich. © 4. O8pm, WGOH-1370 Ky. @ 4:50, WUTR-1320 Conn. © 5:21, WAEN-1330 Tenn. @ $5: 29 \mathrm{~s} /$ off. $11 / 26-\mathrm{WVOV}-1000 \mathrm{Ala}$. € 5:2 $\mathrm{a}+\mathrm{pm}$, WINNR-1600 Mass. © 6:29pm, CHSC-1220 Mmi. e 7:45pm, fading in while I was listenint to WGar. $11 / 27-$ WISO1070 Wis. © 1:3lam o/u KIXX w/female talk show. There was a lso a strong intermittant tester on 1070 at this time, but unID here. WHNN-1150 Fa. © 4:50pm, aiss1600 Ma. 5 1600 Md . © 5:44pm, GJRC-1150 Ont. © 5:58, \& WHVR-1280 Pa. © 7:13pm. I would sure like to see more Musings in these pages than have appeared in several recent issten I am especialiy interested in seeing hod CX compare at various parts of the country on a given night. Also, has aryone logged wTKO-1470 on night pattern besides Frnie? They seem to be over-modulating at night, destroying 1450146014801490 along w/440, and then signals are weak, 1430,1440 , and 1500 go , too. My loop is completely ineffective asainst wrio at night. The S-meter doesn't budge as 1 rotate the loop. Why? 73.

WES BOYD - WHOT - Youmgstown, Chio - 44505
11/6. WRRE/WFRR absent 3:31-3:38am, leaving WRKT-1300 Fla. w/rr. Call shows tis NSP. I noted WKIS-740 Fla. now on MMs, so another NSPer. 11/7- WUNI1410 Ala. $\mathrm{w} / \mathrm{c} / \mathrm{w}$ stuff killing $\mathrm{WING} / \mathrm{KQV} / \mathrm{CKSL} / \mathrm{WPOP}$ etc. $11 / 8$ showed these on pest 3 am w/ER \& stuff: KTRH-740 Tex., WTISN-1270 N.H., WROK-1440 Inl. $11 / 9-\mathrm{WBLG}-1300 \mathrm{Ky}$ on ET 1:23-1:33. WKIK-1370 Ma. ET 1:45-3:05 good u/WSPD. 11/11- WSYB-1380 Vt. on another TT ET 12:32-12:36am. Verie via PP/C. WYZE-1480 Ca. ET killing frequency 1:08-1:30. 11/13- I noted local WFAR-1470 off AN, leaving old favorites WTKO N.Y. w/rr e 1:59 s/orf. GHOW ont. not NSP, also rr. II/16-Much-wanted WREB-790 Pa. sneaked through WTAR/CKSO/WAKY/WQXI for 1:26-1:29 log. 11/20-CJBK-1290 for call change \& better rr sound. WHK-1420 off again, leaving KiOe on top, WESM poor under, and another MOR there. That happened to the unID c/w there? $\mathrm{FCCR}-1580$ In
 WFIC-1270 Ill. w/rr u/KFJZ \& o/GJCB. They called, say 'tis $500 \mathrm{w} / \mathrm{D}$ SE nighte, then NSP. 11/21- WMLT-1330 Ca. on $\mathrm{f} / \mathrm{c}$ fimily pulled from $\mathrm{u} / \mathrm{WFBC}$ in wHOT nuil $12: 20$, l2:36am. Then a surprise in KCNW-1300 OK1a. o/WRKT u/WF3R/WERE etc. 11/23-Aurora type CX in erfect. WAPX-1600\& wiHY-1440 both Sirmingham killing frequencies.

 16003 Same CX still in effect $11 / 24$ but not as grod. KGVL-1400 Tex. f/e did make it thenks to CX. 11/27- LKKS-1570 Ki. TEST Bir u/CHIO/XERF. 1110 mather clear With weak Mor there in KFAB SP or rade, sounded like KRIA, but noi enough for any
 but zone arter 4 (Colombia most likely) \& UGBS DC, Ra there from unin $k$ on to, thinks KCNC but listed as off e 1:05 daily. WHB a150 there w/rr \& unTD tall, methat which I suspect was Denver. Not one of the cked macs whe im hearik under Thave noted the CBC FFs all seem NSP now - true? T of the Club hiding? (NO CBC FFs noted AN, but independant FFCs are plentiful!)
MIKE COLLINS - 20e1 Main Street - Stratrors, Connecticut
London is now hellu. Yet another staticrinas cone $4 N$ in this area, wrich- 1510 New 1080 remeins on its to by pattern until sie c/w Tues-j t., hard rr Sh. WIC-

 1220 is riropoine at

in quite well until $s /$ off e 2 m , first time heard recently because or XEVIP. 12/1-WYDE-850 Bi rmineham in very well from $4=50-\mathrm{m}$ to $5: 45 \mathrm{w} / \mathrm{c} / \mathrm{w}$ \& Ai NX, mentioning 50 kw on IDs. WIVK-850 Knozville wo briefly e $5: 30 \mathrm{pm} s$ /off $\mathrm{w} / \mathrm{promo}$ for FM 107.7; WYDE on iss. WIVK-850 Knoxville up brief ly en isappeared on power cut e 5. 4pa. / Hadas \& IDs $2: 15-3 \mathrm{am}$. in 12/4-3:50am, R.
 Pumbos, Venezuela, dominatinc 570. At 4 , WABC WGY \& WBT all noted off. WWNE-g Revton was in well \& all alone. wrll mat. $4: 150$ here. 4. 620 Syracuse \& hPro-a 30 Providence were 1 nes last seas $5: 30$, ter 5, but on an hasis. (Corn N.J. has had quite esting that wPR-1310 Parsippeny, N.J. is testis. WMBB-1070 WBRW-1170 WFLH-1170 and fev new stan now theres a new a askever hations of
dave whathough - 284 Main Street west - Hamilton 12, Onta rio
It's time for a report from Grey oup City, my first of the season. only one Special heard to date, KYMT-1080, which put up a good battle against WIIC O $9 / 23$ I caught the end of an ET from KMMI-1580 Coza, Neb. © $1: 10 \mathrm{EDT}$. At $1: 15$ foum WMEF-1380 NN for a new one but unfortunately I find it is there every night I foumd hMEF-1300 AN for a new one $1: 15-1: 30 \mathrm{w} /$ fair $C X$ to the W until about a half hour before KBRX TEST whem nothing W of Chicago could be heard. Unn KRDS 1190 was fixting with an unlD CBC station 1:45-2, apparently not CFSL., Aryone else hear , an unid rr. Set. afterroon $11 / 25$ from 12:30 on, WQXR killing CFRS. WMCR/wWRL fighting on 1600 , \& 1580 had non-stop MoR mx . is this the format of WSUF? By 3 pm俗 $11 / 27-$ I it was solld CBJ-1500, and 1590 \& there but the usua ls. One new logging - WETE-6zo for call chanhe. Veries in recently from CFGO WDUZ WKIG WAXC WPJD WMEE. Verie total stands at 899 with the hope of at least one more before the year end. 73s.

RICHARD BOEL ALIES - Billings, Ok lahome - 74630
proven to be a good one for me The following is a sample of the bX heare recently on a Pioneer SX300T RX \& 2 a 1 tazzimuth loop: On 11/2, HJCU-730 Bpeota w/ax e 3:57am. HJKH- 770 Bogota w/rre 4:18. HJCY-810 Bogota w/ax e 4:49. 11/3- HJAN-720 Earranquilla


 TGN-730 Guatera la w/"Ia Voz de Musica ID \& Mx e 2:25 w/HJCU QRM. HJCE-0go La Voz de Bogota" $w / \mathrm{mx}$ © 2:58am w/WIS nulled. HIJB-830 Santo Domingo w/rr e $3: 34 \mathrm{~m} /$ WCCO QRM. OAX $4 \mathrm{U}-1010$ Lima $\mathrm{w} / \mathrm{rr}$ \& good sigm 1 e $14: 19 \mathrm{w} / \mathrm{CFRB}$ \& XEHL. My best catch
 w/WHO off. HOL83-770, Chitre, Paname w/is talk about "Ta revolucion" e 5:59 w/KOB \& WABC QRM. 11/14- CKDM-730 Dauphin w/NX/WX © 4 w/HJCU $\mathbb{Q P M}$. $11 / 20-\mathrm{HJR}-1520$ Parrqnquilla $\mathrm{w} / \mathrm{rr}$ © $5: 16 \mathrm{w} / \mathrm{KOMA}$ off. 11/26- CKOC-1150, the Grey Cup City of lamilton, w/rre 3:03am w/R. Mexicana, QMM. 12/1- CIIR-730 Leaminston w/HI Dolly 1:22 w/CFAC QRM. CKIG-730 V ncouver w/rr e 1:56am w/GIIR looped \& HJCU QRM. CJVI-900 Victoria $\mathrm{N} / \mathrm{mx}$ © $2: 38 \mathrm{w} / \mathrm{WNWS}$ QRM. 12/2- CHMT-900 Hamilton $\mathrm{w} / \mathbb{N X}$ sports \& Padar WX e 4. Father Jack Pejza's IRCA Foreign Leat has been a great aid in IDins nuty of the above. Totals to date are $32^{4}$ stations, 15 countries, six provinces, $3 E$ states. New veries from wro-900 \& CKDi-730. XELO-800 annoucing recentiv thoy will become the Worll's wos fowerful station on 12/4. Merry Christmas and Happy 1973 to all, may santa Clizus be kind to you. 73 s

740 W K I S NSP
1270 YE I C WSP - rr
1300 W S K T HSP - rr
1510 W ML C AN-6, c/w exc. SM when rr

