# $\Rightarrow$ the magazine of the National Racio Club 

"Enclosed find my check for renewal; I had forgotten that my membership was to expire but then Captain Glotz came by and made me an offer I couldn't refuse, so..."
(Dave Singer, RPI, N.Y.)

$\begin{array}{r}\text { IN } T \\ \\ \\ \\ \\ \hline\end{array}$FCC Ruling Makes Identification More Difficult - Boston Globe On the Future of European Broadcasting - Radio Nederland via R. Allen Radio Saba Widely Heard on 1435! - HQ et al.

MEMBERSHIP RENEWALS...
Singer... White... Johnson... Dildine... Sperry... Alster... Smith (F)...
Hansen... Swiger... Worcester... Rewald... Geary... Breger... Hart...
Kerr... Kocsan... Territo... Feidt... Krejney... Meehan... Herkimer...
Starr... Brockway... Gendtron... Dabelstein. .. Reynolds (D)... Truax...
Murphy (K)... Stephens... Hoogerheide... Holland. .. Critchett... Eaves...
Dexter... Nordquist... Kruse... Tull... Whatmaugh... Vernon. .. Monson...
ISSUE NUMBER 2 MISCOLLATION...
Our recent giant 60 pager came back from the printer with a number of copie's incorrectly collated thus putting the pages out of order. The HQ crew reasse?sbled quite a few of these defective copies but a few slipped by us and got mailed out; if your \#2 came through scrambled and you'd like a replacement just drop a note to HQ .

HELPREQUESTED...
Longtime NRC'er John Johnson has recently acquired a Hammarlund SP-600 JX-17 modified military version rxfeaturing an IF gain control in place of the dial lock. He needs a schematic and if you can help please contact him at 318 Warburton St., Hoboken, N. J. 07030.

GOODIES FOR SALE...
Heath SB-310 receiver, good condition, \$150; Lafayette HA-700 receiver, $\$ 100$ new; asking $\$ 65$. Complete FET Altazimuth loop kit: stained wood frame with plexiglass standoffs, $150^{\prime}$ of 18 ga. wire, $8^{\prime}$ aircored coax, completely constructed FET preamp, $\$ 40$ takes all! All items postpaid; contact Carter Scholz, R.I.S.D. Box 1099 , Providence, Ri. 02903.

Where is everybody..? Granted we've recently put out a 60 pager and conditions have been sort of mediocre but three small issues in a row. .?! Old ERC's pining away for lack of Musings so why not sit down and dash off a quickie Musing to let us know you're still alive out there...
$G P N+B 6 K$

Ernest R. Cooper
carrier route 56

| t. Nev. 11 | WCVR | 1320 |  | 1 | R |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Mon. Nov. 20 | WCHL | 1360 | Chapel Hill, N.C. 5,000 U-2 | 12105 | $\cdots \mathrm{R} C$ |
| Sun. Nov. 26 | W J V A | 1500 | South Bend, Ind. $1,000 \mathrm{D}-1$ | 12701 | NRC |
| Mon. Nov. 27 | K D W B | 630 | St. Paul, Minn. 5,000/500 U-3 | $3100-3230$ | 18 $\mathrm{A}^{\text {a }}$ |
| 27 | KTGO | 1090 | Tioga, North Dakota $250 \mathrm{D}-1$ | $3130-4: 00$ | C |
| 27 | WA VN | 1890 | Stillwater, Minnl,000/361 U-1 | $3+30=4: 00$ | I R CA |
| Mon. Dec. 4 | W B I R | 1240 | Knoxville, Tenn.1,000/250 U-1 | 1:30-2:00 | N N R C |
| 4 | WS PR | 1270 | Springfield, Mass 5,000 U-2 | $2: 00-3: 00$ | NRC |
| Mon. Dec. 11 | W M W M | 1090 | Wilmington, Chio 1,000 D-3 | :00 | N |
| 11 | W PA D | 1450 | Paducah, Ky. 1,000/250 U-1 | $3: 30-1$ | N NRC |
| Mon. Dec. 18 | K NOE | 540 | Monroe, Le. 5,000/1,000 U-2 | 100 | N |
| 18 | WCWC | 1600 | Fipon, Wisconsin 5,000 U-ل | 400 | N NR |
| 18 | W EKR | 1240 | Fayetteville, Tenn 250 U-1 | :30- | N N |
| Mon. Dec. 25 | W L I K | 1270 | Newport, Tenn. 5,000/500 U-2 | ;00 | N N |
| Mon. Jan. 8 | WGNG | 590 | Pautucket, R.I. 1,000/500 U-2 | t2:01 | N N |
| Sun. Jan. 14 | W J D X | 690 | Jackson, Mississippi 5,000U-2 | $1 \pm 30-4200$ | N N |
| on. Feb. 12 | K WHN | 1320 | Fort Smith, Arkansas 5,000U-2 | +00 | N |
| Sat. Feb. 24 | K L C L | 1470 | Lake Charles, La. 5,000U-2 | $3+00$ | N N |
| Mon. Apr. 2 | WRAN | 1510 | Dover, N.J. $10,000 / 500 \mathrm{U}-4$ | $2+00$ | N N |
| T | Come: |  |  |  |  |
|  | K L E B | 1500 | Golden Meadow, La. 1,000 D-3 | $3200-3: 30$ |  |
|  | WLNG | 1600 | Sag Harbor, L.I.N.Y. $500 \mathrm{D}-1$ | $3: 30=4: 00$ | $\mathrm{HI}^{11} \mathrm{C}$ |
|  | W S B S | 060 | Great Barrington, Mass $250 \mathrm{D-1}$ |  | H |
|  | W C | 139 | lotte, Michigan 5,000 |  |  |

NOTES. WCVR. This ndtification went out via Carl Junker's Flash Alert. Reports were to go to NRCer Sheldon Swartz, at 290 Court St., Plymouth, Mese. 02360.

W C H L. This program will be an allnight test, with their nighttime array on until 4, then they'11 switch to the day pattern, for array on until 4 , then they 11 switch to the day pattern,
the last hour. Programing will be Top 40 style. Their night pattern should do better for those towards the SW. Send reports to Mr. Rick Edwards, Chief Engineer, WCHL, Durham Rd. reports to Mr. Rek Edwards,
Chapel Hill, N.C. 27514 . Info from WES BOYD.

- JVA. This is their regular monthly equipment test and frequency check. Reports to Mr. Chris Cross, Direct or of Engineering, WJVA, North Hickory Raad, South Bend, Indiana 46624.

K DWB. Feports to William Dorweiler, C.E. K T G O. Reports to Charlene Power, Manager
MAVN. Reports to Reynold P. Iark, C.E.

Details next week.

HENFD SIICE LAET IBEUE
$\begin{array}{rllllll}910 & \text { K J J J } & \text { EX-KPHO } & 1140 & \text { W K C M } & \text { "Box 1140" } \\ 1060 & \text { K B U G } & ? ? ? ? & 1480 & \text { K. P H X } & \text { EX-KHAT }\end{array}$
Guys, when you mention hearing new stations or old ones with new facilities, pleme eive us the location and details.

PLEASE SEND REPORTS TO EVERY TESIITNG OR DXIING (upbeat Mor)
STATION YOU IIEAR. AIID, IF YOU ARE UNABLE TO HPAR THEM OR ARE UNABLE TO TRY FOR THEA, THEN PLEASE TAKE A FEN MOMFNTS OUT TO SEND THEM A THANK-YOU NOTE FOR THETR KINDNESS TO THE DXEIX FOR TAKING THE TDME TO HONOR US WITH TIESE TESTS. IT'S \& SMALL FAVOR TO ASK, WE THINK - SO PLEASE DON'T FORGET THAT NICETY. -ERC

ISAAC EAVES - 10113 Pillot Street - Houston, Texas - 77029
Hi fellows and ladies! Although my Musings have not graced these pages in a good many months, I have continued to be as active in our hobby as time and responsibilities have allowed. In way of a re-introducition, at 52 oy activity in MW DXing spans about four years, my membership in the NRC about three. There has been a reshuffle f RXes shince I Mused. Throurhithe courtesy of the friendly people of Madison Electronics, I was allowea to try out several RXes, th friendly people of Madison Electronics, I was allowed to try out several RXes,
last of which is now mine. It is a Navy surplus RBB-1, covering . 5 to 4.0 MC . This is a delightful performer and runs circles around my $\mathrm{SP}-600$ with one mechanital filter. There is no mer and cal filter. There is no recollection of any Dxer who has one of these battlemenip size unites, but would be happy to swap experiences with anyone who uses an rab. The other RXes tested were Collins, a 5lu4, \& a military URR-388. It is onoy fair to say that neither collins was up to par and could only give a ponr performance. Another change in status that effects my Dxing is the acquisition op property on a lake about, 1 erage has been stretched about 600 in a $3050-125^{\circ}$ direction, terminated on the 125 end with a ten-turn pot, set by trial-and-error at 1,000 chms. Nothing sensational has been heard on our weekend jaunts to the lake cabin. H.wever, the new L-g Bonk, started on 7/4, carries 148 entries hoard on the TRF and SP-600, todether with the $\mathrm{SM}-1$ and the Bevergge. As time permits another (and I hope longer) Beverage will be added. Next Musing I'1l list sume of the stations I've been hearing. Your Musings are followed with great interest hrre. The Night. Pattern Eook has alreqdy been applauded, and deservedly so. You've answered a thousand questions that bugged us as we listened. Thanks a lot fo this worthwhile tool:
STAN MORSS - Route 3 - Bradford, Messachusetts - 01830
10/9- FF AN strong on 1380, probably cFDA, 2am \& on. WLOF-950 topped 950 (2) 3. CHSJ-1150 st. John N.E. AN show on top © 3:07. N. apolugizing fur being off 30 minutes - but they were sure there cost of $A M$. CHQR-810 Calgary in the clear on AN show w/WGY off for a new one, 4am. Veres: Wa, WMVI. 10/16- R. Nordsee Int1.-1367 in well ( 2am for a report. wGY on this AM. CHSJ-1150 and CFDR-790 bited i their AN shows. WDEE-1500 test @ 3. FF phone-talk show on 1400 @ $3: 17 \mathrm{am}$. Verie, CFGO. 10/19- Plessisvilleaue on 1420 with World a ries \& local ads, call? Thped \& reported, Ppo. Nice letter from CH. H Caldary - said mine was first Mass. report. 10/23- WOE-1590 kichmond on uest 2:10 giving time as two hours ahead. OC on 1580 © $2: 30$, no IDs. TWO FFs on 1230 Ali, one the louder, is CHVD Dolbeau, running alternate $E E \& F F \mathrm{mx}$ about $\mathrm{l}-2 \mathrm{am}$, e econd seemd to be all FF cx . 1090 had 9 station with Sunset Strip ad and fadeout. 810 had R. Enciclopedis, Cuban, an this week $w / W G Y$ off. WPTF-c 80 XR test $3: 55$, then off \& MAPA © 4.

J/MES E. CRITCHETT - 1504 Glenwond Drive - San Diego, Cilfornia - 92103 B10 Rifle, Co1. for From 10/3 to $10 / 23$ reception reports have been sent to KwSRTO KFQD-740 longest time I have 1490 \& WQXR-1560. Tctal heard KF.D. Verifications have been received from KDBM in call chances, KJJJ-910 (Kay-Jay) is the new Phoerix call, heara (KDac if 10/9, \& KPHX-1480 the other Phoenix call, frcm KHIT, heard iN $10 / 15$ KKIs prisine s/on reception te Tam EDT on $= \pm .10 / 20$ of KSKY- 60 Dlllas, followed at about
 chance \& an ther "3 Yon", 1310 rrovei $t$.

 this bastins that will help come $350,6 \in 10,23$. I hope there are come $=$ tems in thes bisting that will help some ither DXer ID what be has hearu, r will hear on these frequencies. Bect wishes to all ressers for wod DXine curing this fine-
startin scason.
${ }^{4}$ aian meiriman - box - Fairfax, Virginia - 22030
With 28 reports out in October it was ny most productive month in séveral years. Most of the new loggings were Foreign but a fev new domestic cat$1 \mathrm{a} . \mathrm{m}$. 10/4-WFIV-1080 w/FT/TT © 1:27. Verie says was PoP. 10/7-WBOC-740 w/EI TT/M @ 2:13. 10/16-KYNT-1060 firirij good on PJP-DX @ 1:06. 10/23- CJTR-1140 taped for report e 3. 10/25- Brand new WKCM-1140 w/ET/TT/M asking for reports to Box 1140, heavy WiNA GRM but good sigmal for 500w. WGEA-1150 noted ending $\mathrm{f} / \mathrm{c}-\mathrm{TT}$ © $1: 45$. WWNC-570 is now AN, heard w/c/w © 2. Veries have come in from EAK35.836, Munich-1002 HIJJX-770 XEPFS WFWR WAIK WEXT KYMN WFIV VBOO \& WKCM. I will be at the Jersey Thing in November so will see some of you there. 73.

HARFY HELMS - Box 302 - Garrboro, North Garolina - 27510
Greetings folk. Very little listening done so far, and the prospects for more grow slimmer as I am currently awaiting the arrival of my Novice ticket, after which most of ay cach will be spent on some ham gear suitable for CW. I tuned arcund on the Realistic TRF $10 / 29$ and noted several SSes in well, to wit: An unID LA in 1160 around $8: 30 \mathrm{pm}$, fairly good on perks, deep fades. They ha TCs, a choral jincle, and IDafter every record, a lthount i coulun t nab it positiveliv. They had old EE pop songs such as Ken Dodu's Release Me. (Mfo Wrote that, Cnarlie Finley? -ERC) Durin fades 7 noted two other weak LAs in the backeround. There was ansther unid $S S$ on 1580 mixing $\mathrm{W} / \mathrm{wSRF} \mathbb{C}$ 6: 45 pm , man speaking with many rentions of "La Republica hexicam." Xemp eeems like a rather long shot, thath. That Cuban on 1269.5 was reall: chopping up the channel w/a beaut of a signale 8;55pm. on fades it put a het that could have oeen mistaken for a TT on the channel. A litile later on tine a.m. side of $10 / 30$, some LA was noted $\Theta 12: 17$ on $1500 \mathrm{~W} / \mathrm{WTCP}$ apparently iff. Deep fades, mucho WLiC slop made copy difficult, although many vocals and organ tunes were noted on peake. On the domestic sice, WHOM1290 was caught e 12:25 s/off, leaving WTOC in the clear KDSU- 1280 was comirating its channel © 12:30, never befor3 noted in Fort Mill, \& finally, WAPE-690 atop eans the Cuban (2) 12:45, most strange. Attempta to inductively couple wf Space Magnet to the $T R F$ have encountered overloading problems, so DX will continue to be meager. 73 to all.
ENSEST R. COOPRR - 438 Est 21 Strett - Carrier Foute 56-Brookivn, N.Y. - 11226 Jice v/l-CM in from KYMN-1080-TwT. Some DX on $\mathrm{GM} 10 / 29$, but nothing new. I noted WSAN-1470 Ning and almost in the clear w/up-tempo mx. on 1180, an SS, but too weak and fady to log - odd, that Cuban jammer was there, as they MUST know that VOA isn't on ad that time. There tas another one on 1160 Aling \& ncted $3: 17$ \%/KIL, which played Frppy Sirthday to You every so onten, so were CX, hi. the clear then! Procrastination is a sin in the DK hoboy! MA 10/30- An FFC had top spot on 1230 a 11 Af but carned if I could set anything like an ID. Stan Mores says it's CHVD, Dolbeau on top for him, but that's not necescarily the one here, s: no tentative - I 11 ID him yct, or my name aint--.--. (n 1400, with a cuiclie look for WiJM (no eo) it was only WWII (on tup) \& HM W/nc Dolly - Et's so nice to have you back where you belon - hi. The "ther" is on 540 wa atop mort oi the time today so a report sent to P. Codesur, Venezuela, with Musica Intermacionale. I toor him 3:32-4:05am. hay-810 was off asin, so mybe they've switched from Fri to ilanday, like those Dear Hearts and Gentle People, hi. The wak si in there around 3 sounded fimiliar, and sure enoutst he tas - he was //-Cuions on $670 \& 69$, but only abrut S-4. Sut at $4 \mathrm{a} \cdot \mathrm{m}$. \& on, a b ominc twosome arrived on the ecene -n i. Uutatenza, Byota, and Whi in Arecibs, with the colmoinn the







Bob Foxworth


Here is a very abbreviated IDXD this week. We were not able to go to press last week, and there is a lot of material being held. All of the really timely stuff is in here. In addition to everything else, we 're involved with labor trouble at CBS...one week working nonstop; the next week not working at all. Ugh..
Receptions:
254 Algeria. Tipaza fair level 10/28 2250 tunein with French pgm (NOT // 533 or 548-wg). S/off with anthem at 0000. (Grant, Mass.) (Note this was rptd on appx 251.9 10/13 per HQ; DKN v4On3; was // 890 which is a stn not rptd here in several yaars-ed.)
525 Costa Rica. Cartago good with QRN, no QRM, listed 250 watts. Hrd easily many "Radio Rumbo" IDs. Reception was on A-2515A which tunes much lower than the HQ- 150 which was recently acquired here. (Sherman, Minn.
St. Kitts. Was s-9+ with soul mx show, clear "Zed Eye Zed" ID 0140 10/21; slop plus het (from YNS, I think-ed.) QRMing. Ctry \#36. (Sherman, Minn)
(B) ZIZ in fairly well 0150-021P 10/23. S/off 02ll (mentiond $6 \mathrm{AM} \mathrm{s/on}$ ) and OC off 0212. S/off seemed to mention 540 khz but not positive. IDed as ZIZ in the Leeward Is. (Rugg, P.Q.)
(Q) ZIZ noted evenings here, much as above. Modulation is quite shallow. I would doubt it gets much over $50 \%$. Voice hard to read at times. (Foxworth, NY)
650 Colombia. "Emisora Monserrate" now NSP, as rptd by others, a good signal here every MM. Fear this kills chances for KYAK. (Sherman, Minn)
660 Mexico. "R. Juventud" now NSP along with Colombia and Ecuador here, ruining chances for New Zealand. (Sherman, Minn.)
715 Honduras. Radio Caribe, HRTV, Tegucigalpa noted with good signal 10/2, at 0414. Cerveza spot, ID and Latin mx. Was only up for about 2 minutes then back into the 710-720 slop. (Merriman, Va.)
823.5 Guatemala. My unID here is TGTO, Radio Internacional. They don't have as good a signal as they did last season. (Meriman, Va.)
830 Thailand. HSK2. Almost certain this is what I heard under JOBB 1405-i420 10/16 $10 / 16$. The lang sounded the same as that heard on 887 on $10 / 1$ but more read able - a man speaking many woros ending in -or and -aw. Am prety sure it was Thai. Signal was nearly equal to JoBB the first 2 minutes, then 1 faded somewhat. Some other station, with classical IIX, rose above them at 1408 and sometimes overrode JOBB as well. The Thai station still audible occasionally in the background. Both the cl mx station and the Thai (if that's what it was) disappeardd about 1420 , leaving JOBB alone on the channel. (Al Lehr, Livermore, CA via FJP, IRCA) cood Radio Popular IDs. (Moore, Mass.)
844 gora ara. Tried for this during IP SLC. 10/2 a weak carrier detectable with BFO only at 0810. 10/9 a stronger carrier without BFO 0815. 10/16 had only a weak carrier. WHDH nulled with loop. (Moore, Mass.)
(a) Tarawa was best ever, up to $\mathrm{s}-5$ on peaks, slow fades to a rather poor s-1. (Date?-ed.) Man talking to 0800 (I found date, it was MM 10/23, sir-ed.), then 6 chimes, music, woman talking. No report or tape as QRN quite bad on 10/23. WHAS OC ruined reception 0830. As Dakar was noted well also this AM, am wondering if there is usually a correlation between the strength of these two? (Sher an, Minn.) (I think so, generally -ed.)
940 Mexico. XEQ has had a fantastic signal here many mornings this fall. They were fairly regular in the past but never this strong. Wonder if a power increase or a new antenna? (Merriman, Va.) (Also noted by TRS, yrs trly -ed.) Venemela 0830. Another Spanish under, could not make out. (Moore, Mass)

046 unTD TA here, Accordion mx' 0355 (with a few Latin yells); Fantastica at 0400. (Continued)

Noted on 10/26. 0400-0415 seemed to say "La Voz de la Tort" folo by a chime,
like an old store door chime. (Edwards, NJ) 110 like an old store door chime. (Edwards, NJ)

Venezuela. Radio Mia, YVXR, Valencia is AN, noted on $10 / 18$ at 0515 with WBT off. A mixture of Latin and U.S. mx including Burning Love by Elvis. Only
1115 Nicaragua. Radio Circuito, YNP,
15 Nicaragua. Radio Circuito, YNP, Leon is probably the unID noted in $10 / 21$
DXWW. This station is hrd here at times with a fair signal when WBT splas DXWW. This station is hrd here at times with a fair signal when WBT splash
is not too strong. There was a HJ here last sesson; not hrd this
1142 Algeria. Constantine hrd 0225 10/29 with fair level 2 mv on R-390A with Ramadan format. (Bill Bailey, Mass.) (Welcome to IDXD -ed.) R with a
1183 Samadan format. (B1ll Bailey, Mass.) (Welcome to IDXD -ed.
1183 Saudi Arabia. Noted 0030-0100 10/29 with good strength ( 5 mv ), Arabic chanting and talk. Also heard intermittently, in and out every 4 or 5 minutes 2320
1241 unID. Hrd $011510 / 29$ Signal peaked northest, and possibly Kiev, Trmaine 1 unid. Hrd 0115 10/29. Signal peaked northeast, and possibly Kiev, Ukraine. Was bothered by an off-freq FFC on 1240.5. Domestic 1240 signals did not interfere. (Bailey, Mass.)
1345 Kuwait? Signal at 2350 10/26, extremely weak, appeared about every 3 to 5 minutes for a half hour. Got only snatches of audio, lang unknown. (Bailey)
1394 W. Germany. Augsburg ooi2 $10 / 27$ with AFN Mood Music. Their I kw signal in
here at 5 mv, some fading. (Bailey, Mass.) 1435 Saba 5 mv, some fading. (Railey, Mass.)

Saba, West Indies. From WIBB's 160 meter ham bulletin - KV4FZ (a ham from on the rim of a crater, 1600 feet A.S.L. (Moore, Mass.) (IDXD vol 40 no 3 says this station on 1385, wo nder which is the correct freq?-ed)
1469 Cuba. Station here causing a strong het on 7470 is Cuban. Was strong on $10 /$ 18 at 0300 with sports event of some type. Probably CMGE in Cardenas. (Meriman China P. R. Sinkiang province hrd fair to good level $10 / 22$ at 2300 with 2
minutes of IS interspersed with several "govorit Pekin" IDs. Signal. was not * nearly as good as on 10/13. (Grant, Mass)

1546 Great Britain. unID BBC Local station 10/26 fair level at 2245 tunein but poor by 2330 t /out. Pop vocals and big band selections to 2300. ID on the
158 p Thailand. Ban Phachi, Voice of Free Asia. Caught this at the transition of RTF (anyone know what that stands for?-awp) to VoA pgm, which occurs at 1125 10/16. Pem featured a woman ancr in Fnglish with news. At 1128.57 a tron said "rtis program has come to you from the Broacesting in kok, Thailand...the Voice of Free Asia.." and then the same, I assume, was kok, Thailand...the Voice of Free Asia... and then the same, I assume, was in English. The signal strength increased considerably by 1135, at 1138 in English. The signal strength increased considerably by 1135 . At 1138 KAY turned on their carrier but VoFA was still audible until KDAY s/on at 1200:00. I now have enough for a report to Thalland (where reports on RIF pgms should go - only VoA pgns go to Washington-awp). It appears this out let has decided to go by voice of Free Asia rather than Rado Free Asia, All time best bet for rhailand which everyone but Godwin needs, hi. (Art Peterson, Calif. via FJP, IRCA) +++
Just got the $H Q-150$, as mentioned above. Sensitivity is as good as the Realistic TRF and A-2515A, spur rejection better and selectivity better but audio quality (readability) is poor with the xtal filter and Q-multiplier. (That is normal-ed.) I would like to sell my A-2515A, no defects affecting performance, calibration is off up to 20 khz on low end of MW, otherwise very good. Covers LW, MW, SW to 30 mhz. Has 3.2 uv sensitivity on MW, selectivity 1800 hz at -6 db , 10 khz at -50 db . mhz. Has 3.2 uv sensitivity on MW, selectivity 1800 hz at -60 b , $1 / \mathrm{khz}$ at -50 ab . $\$ 65$. Manual not available but have schematic. Catches on it include the TI-525, France-1205. About 40-50 splits rcvd, reads over s-9 on most domestic freqs. (See comments on s-meters, p. 35, 10/20/72. The s-meter ckt should have a pot that can be set to make the meter read as high as you want it to, for a given signal-ed.) The $\$ 65$ price is for shipping to anywhere in the U.S. or Canada excluding places that don't have roads. (George Sherman, Minn.) (George, no address on your report



## REPORTEDLY IN OPERATION...

SABA (NETHERLANDS ANTILLES). Per the information in the last 2 issues. of DXN and Foxy's IDXD this week, The Voice of Saba is being well heard in New England and Florida on 1435 kHz . Ray Moore and the Editor heard them simultaneously for the first time on $11 / 6$ from 2330 GMT onwards... Programming is in English with both male and female announcers; lots of calypso and the general format is quite similiar to that of ZIZ on 555 . They announce as the Voice of Saba, give the frequency as 1435, and have pretty good modulation quality although the local accent tends to reduce readability somewhat at times. They do give call letters; Ray Moore, George Kelley, and the Editor think they are PJFl; a call from Ron Schatz in Florida who's been hearing them for several weeks but initially assumed they were $R$. Kelkboom says the call is PJF7 so time will tell... All us Caribophiles - RFS included - were surprised to discover that Saba is not pronounced with a long initial "a"; rather it sounds like the "a" in saber... Saba, being less than 50 miles from St Martin and jointly administered along with St Maxrtin and St Eustatius, unfortunately does not count as a separate country, alas... Frequency measured as 1435.0017 plus or minus 0.05 Hz on ll/17; severe 2.18 Hz SAH from Kelkboom at the time. (Editor)

GREAT BRITAIN. According to the London Daily Mail, the BBC dropped the famous V -for-Victory drumbeat IS on September 30th; initially chosen to back up a V-forVictory campaign to annoy German occupation forces and boost resistance morale during WWII, it is being replaced with an electronic "bleep" version of the morse "V" letter. (SCDX) National Association of Student Broadcasting operates the following stations: Lancaster on 962 with 50 watts; Canterbury on 998 with 800 watts; Hes!ington on 998 with 50 watts; and Colchester on 998 with 30 watts. Most operate until 0100 GMT. (ARC)

SHARJA (TRUCIAL AMIRATES). The station on 1575 V is the Sharja Broadcasting Station. Address is PO Box 70, Sharja, U. A.E., Arabian Gulf. Power unknown but believed to be quite high. ID in Arabic is "Ida at el Imerat t'il Arabia t'il Mutahida min al Sharja". (ARC)

TURKEY (QUASICLANDESTINE). According to reliable European sources the "Voice of Cyprus" station on 674 is located at Anamur on the southern tip of Turkey. Power is said to be 5 kw .

INTERNATIONAL WATERS. Abie Nathan's "Voice of Peace" (see press clipping elsewhere this issue) will operate on 1546 kHz , an ideal TA channel these days. Maybe he'll try to sneak in an equipent test before he leaves the U.S.; keep an eye on 1546... (Editor)

ALGERIA. Re the item in Foxy's section this week under 254 kHz ; the Algerian on 89 is audible most afternoons throughout the year here at NRC HQ; we so take it for granted that we haven't bothered reporting it. Sorry... Noted with European Service 1 in a variety of languages parallel 251.114 around 2200 for last couple of weeks. (GPN).

TRANSCRIPT OF A TALK PRESENTED ON RADIO NEDERLAND'S PROGRAM, "DX JUKE BOX" ON 28 SEPTEMBER 1972.

There are various problems, not only for short wave, but also on medium wave, in America better known as the standard broadcast band, of course. The problems are most evident in Europe, where the number of medium wave transmitters is enormous. Where coordination has probed impossible because of political boundaries. And, where the ordinary listener consequently fines the medium wave band less and less useful.

Well, the principle is clear. Medium wave propagation varies from surface wave coverage in the daytime to sky wave propagation after sunset. Now under sky wave conditions, medium waves propagate far further than during daytime and interfere with transmitters operating co-channel or on adjacent frequencies, which can be more than 1000 kilometers away.

Medium wave is utilized in Europe on the principle of national coverage. And this means, that a country must be able to serve its own territory under all propagation conditions. As the range of a medium wave transmitter is at best a few hundred kilometers in the daytime, the power and the number is based on this cindition.

West of the Iron Curtain, frequency use in the medium wave bands is based on the Copenhagen Plan. But this is a daytime plan and doesn't offer a proper solution for the evening and night hours. In past years, many countries in Europe have lost their confience in the solution for the interference problem existing in the medium wave band in this part of the world every night. They've escaped via the FM networks, which operated in the VHF band, where propagation conditions are usually the same and where interference can be avoided by proper coordination of the frequency usage in a relative small area.

Now we have reached the point where an alternative plan for the medium wave can have a chance of being adopeted by all parties concerned, simply because it is better to have something than nothing, as is the case at present. The new plan, now in study by an international committee, stems from the British, who are, by the way, the least bothered by the interference problems on the medium wave, because of their geographical situation in Europe. Their plan is to accept two kinds of allocations per country for the medium wave. One for daytime conditions, the other for evening and nighttime conditions.

With the sky wave possibilities, one of the possibilities, is the use of medium wave for international broadcasting in Europe and North Africa during the dark hours and for national service during the saytime. This plan leaves the Copenhagen Plan as it is for the daytime, at least for the moment, and focuses on the possibilities of international broadcasting in the evening.

To facilitate this, the number of transmitters per country has to be reduced to about half. While, on the other hand, the power of the remaining transmitters can be increased during the nighttime and directional antenna systems can be taken into use to arrange for specific target areas to be served. As an example, you might think, in the evening, the Dutch national networks, three of them, continue on $F M$, while inter national broadcasting makes use of a directional antenna system and beams a program in English to the British Isies on medium wave.

For this plan the cooperation of everybody concerned is needed, and, with the large number of countries in West and East Europe, this will not be easy. But mutual concern, over the audibility and the efficiency of the medium wave broadcast in the evening, may coax the administrations of the countries concerned toaccept a plan, where by, the evening use of their medium wave transmitters is considerably reduced only to achieve a better audibility of the remaining signals, in the many countries that together form Europe.

What has been achieved so far, is that the plan is in serious study by the C. C. I. R., the body of international cooperation in the field of radio

- 30 -

Richard Noel Allen

## Seagraves,* Drew Guide KAKC in New Direction

graves is back int Tulsaoter) Scadirector of the formerly Drake-
Chenault consulted KAKC. Seaeraves is taking over in hopes of aonst of consultant Paui Drew.
aid His first step is meeting with Drew and starting a mearket survey
to decide what Tulsa wants in to decide what Tulsa wants in
the way of music and disk jockeys.
" $T$ have the greatest respect for "I have the greatest respect for
he Drake thing but it had become the Drake thing but thad become
too Califonia" with the attitude that what was good for KHI was
good for the nation, Seagraves good
soadd
Soarra Seagraves' was the first Drake program director at KAKC and
fecalls that at that time the consultanat serive gave the ciye fits first
clean radio sound It is bis spionion cean radio sound. It is his spinion
that the station's chief comperition,
KELI, is doing the same pregre. KELI, is doing the same perogion,
ming it tas done tor five years. ming it has done tor five years.
KELL will be the primary target
of Seagraves' drive because an at of Seagraves' drive because an at-
tempt to sway country or middle tempt to sway country or middle
of the road audiences wift not in-
crease listenership sustantially accrease fistenership substantially, ac-
cording to the hew p.d. cording to the new p.d.
However, he did leave open for increased modern counry play depending on the research
cesults. He claims the station, Which
had recently had less than desirable had recently had less than desirable
ratins, had become too hung up on Los Angeles."

Remarkine on Drew he said
His ego is in winning not proving Some poleright." Some poe pnial changes migh
be things such as, allowing jocks more personality, less waloofness Seagraves of the station.
feels that the South west markel was more in tune with cadio personalitites taking part in
events rather than living atop the
niagic tower of tits events rather than liver
nagic tower of hits.
*former NRC member

## Britain takes big step to commercial radio

 Specifications from government's IBA all for three-year contractswith possible starts in late 73

Commercial radio could begin in London and three other British cities late nex year or in 1974, based on specifications
ssued by the Independent Broadcasting Assued by the tndepenty last week. The IBA is expected to spend about three months studying applicants' proposals before awarding the
contracts for, at first, two stations in Loncontracts for, at first, wo stations int
don-one news station and one entertainment station-and one station each Manchester, Birmingham and Glasgow.
Unlike the sudden-death contracts currently employed in commercial television
in Britain, the commercial radio contracts
will be for three years. The rentals set by BA for successful bidders varied from city to city but would escalate annually
over the first three years. The successful over the first three years. The successful
London entertainment station bidder, for xample, would pay $£ 315,000-$ about 756,000 at the current rate of exchange -and this fee would rise to $\$ 380,00$ tation's rent would go from $£ 185,000$ $(\$ 444,000)$ the first year to $£ 230,000$ 5552,000 ) the third.
-vear rentals for the other stations were put at $£ 180,000$ for Manchester © 0 or Glasgow The rentals set by IBA were higher
than expected. And the Local Radio Association (LRA), whose members include about six prospective applicants, branded
them excessive But some other provisions disclosed by IBA were considered less stringent than expected. There had been
 $40 \%$ bur IBA indicated the percentag might exceed $50 \%$, up to a maximum of hine hoursper day.
Successful station bidders will also pay scatating levies ranging from $10.5 \%$ of net advertising revenues the first year to $14 \%$ of net the third, with these sums being divided among the musical copy right owners, Performing Right Society
the record companies und the Musician Union.
At least 12 applicants are expected to bid for the London contracts. They an detailed program plans. The plans of the successful bidders will be published by
IBA. The five stations are expected to reach approximately 15 million people reach approximately 15 million people
which would include about nine million reached by the London stations.
Facilities thus assigned by IBA are
1546 khz for the London general/enter tainment station. which observers conider too near the cnd of the dial to be atisfaciory anough it has one advantay in being near the new Radio London
$B B C$ frequency. and the more desirable 1151 khz for all four other stations. Ad ditional frequency assignments are to be
miude later. Dec. 8 was set as deadline for applications.
There is already one commercial radio
station in the United Kingdom. It is on station in the United Kingdom. It is on

Greetings again folk. Progress on Domestic Log indicates ittil go to HQ around $11 / 25$, to typists (after proofreading) ard $12 / 15$, to printer about $1 / 10$ after inclusion of alphabetical calls cross-index. This gives us an approximate date of issue of around $2 / 1 / 73$. More info later.

610 CKiIL-QU
Thile in area observed rather poor sigs. Gets out maybe 50 miles at SSS though. Not hrd in Nontreal due to CHIC. (Andy Rugg, Pointe Claire, IQ

+ $910 \mathrm{KJJJ}-\mathrm{AZ}$ ex-KPHO
+1450 CFSE-QU Is many pgms off air. Used to operate from Semeterre Air
 yes, K\&E strikes again with its invalid info. Sri -RjE

ex-wTHW. This one is not yet on as contrary to a previous rpt. in DDXD. Also, the call of TTBO, while granted, was apparently not accented by the station. Thanks a;ain, K\&: -Rj j E
+1540 ESES-vA ex-KFKF

NOTE: De CBM LPRTs, when they do have special pgmg., they ID as the " P uebec Community Network". List of same is 16 long, includes Senneterre -5L4 \& Lebel Sur zuevillon-1230. (rugz)

## sunset 4 evening

730 HCOllals Moted strong s/off w/CaAC nulled 1900 10/27 (dim Poterba, Cardey, ?a.)
lear s/off ss well o/ckAC 1915 10/27. (JP) rd s/off 10/22 1945. (Lon Esjert, Crom Point, In ra s/off 1948 10/24, good $w /$ NoE nulled. (Paul $:$. Hart, Ft. rorth, TX.)
ard $10 / 22 \mathrm{w} / \mathrm{S}=1845+-1900 \mathrm{E}$ ID, then lost due to patterm/ power change. Wipins out lopi at times. (Tom Sundstrom, Willinjboro, M.J.)
1220 linu-ic voted $1835 \mathrm{t} / \mathrm{in}$ to $1045 \mathrm{~s} /$ off $\mathrm{w} / \mathrm{cl} \mathrm{zx}$, vy brief s/off. (JP) Then ?? -RjE
1330 Th0-CI S/off fair at start, one ID hrd then Ento cin on the ciarnel 1830 10/24 (Jこ)
Whlo 1/LIT-7A nird s/off $10 / 22$ lu3 30 w/ psa power mentioned as 500 watts. Good sige, new here (i. $\overline{\text { a }}$ )
1500 ERCA-NR Strong w/ inst. s/off 1930 1C/24. Vy clr, unbelieveable for 250 watts. (JP)
KPIK-CO Sixin w/ CBi-ind w/ s:ot for furniture store a a arive-in 2006 10/27 (JP)
 Beautiful copy on ID in
only，no mx or TT （PKH）
w $\mu-\overline{2}$
和动－CA off 0100－0300 off also（PKH）
$350 \mathrm{t} / \mathrm{in} \mathrm{w} / \mathrm{mx}$ to OLOO ID into $\mathrm{N} \mathrm{nx} w / \mathrm{CM}$ nulled \＆ thm 1PMT $O$ on XR test（TRS）
Off 10／23 0305．Was on earlier．（iles Boyd，Youngstown，Ohio） ＊Se 0 －ming 0130－0200＋10／23（Boyd）
Hixing w／wiof 0305 10 $10 / 23$（Boyd）
Hixing w／hLor $030510 / 23 \mathrm{w} / \mathrm{either}$ an edit．or a political soot．（JP）
Host waited here，notec $\mathrm{w} /$ stereo rr 0225 10／23 w／CHITS nulled， no sijn of ZFS．（JP）
Fird $10 / 23$ s／off 0035 ，possible los change．（TRS）$* * *$ JOE JOHES
can you confirm ？？ can you confirm ？？－RJE
Hoted alone $10 / 23$ OLl $3 \mathrm{w} /$ several IDs．First time noted（ JP ） er 10／23 w／end of closin 3 annct，requesting rpt．s（JP） 0 \＆anncts every 30 secs $0220-0225+10 / 23$ askins for rpts．（WB）
Off again OC45－0315＋10／23，so are apparently ininally repla－ cins their DA sjstem．：ill take 4 wiks more or so to do，so
watch this．（Boyd）Also off 10／24，0125－0200＋．（Boyd） Dunno if TT or OC．ID just o／mess Cl29 annct．ET．（Boyd）10／23
 Hrd $10 / 23 \mathrm{w} / \mathrm{nx}$, spots，maritime wx endin； $0309 \mathrm{w} / \mathrm{IG}^{\mathrm{c}} \mathrm{s}$ in isT， good signal w／Cuban het nulled．（TR3）
a． $1-7 \mathrm{~A} \quad 10 / 22 \mathrm{w} / \mathrm{slow}-$ spoiren $I D ~ 0100$ picked out of very noisy freq． Thaif，normally ISP，hrd off for lst time in 4 grs．I＇ve been here．（TPS ） Hre ri／：OR，TC，DSA CILL5 10／9（Fr Jack Pejza，San Eiego，CA） Se－play on Sumoaftn．FB（Browns）0150－0215＋10／23．Did this several ：Zi＇s last season also．（Bojd） rare $5=$（ 103 ）
 this tops channel here most always．Vent AL mid－last season， info ran LDVD\＆undater．$-R j \pm$

1550 Kafflio ET w／TTs of various tones，ID 0617 10／23（FJP） ilAAY－AL Joted s／off 0059 10／23 thru CBE（DS）
KJJO－：N Noted thru CBE 10／23 s／off 0103．（DS）
1500 WPTTVA Hrd on PoP 10／23 0110－26．Various TT，one record，two IDs and then off．（DS）
iostly Of， TT ，some oftr stuff 0115－0125＋10／23（Boyd）
xXX＋＋IH30 IWAIT－FA STH：0500－0100 for now（Boyd）
Thassit．Will leave rast of this mace to $X$ ？crew to droodle on．
I knou vou believe you understand $73, \mathrm{RjE}$ fot
uhat you tini 1 suid，hut $l$ an
not surcyour reatest，but 1 atm
heard is now athai itacant．
I know you lotion ym：ordersond


1060 WGTR，Natick，Mass．Began testing transmitter $10 / 30 \mathrm{AM}$ ；noted at HQ with $O C$ around noon the same day；we tracked them down via the Info operator and gave them a call with a frequency measurement compliments of HQ（ 1060.0002 pm .2 Hz ）．．．CE said they will begin RS 11／9；format a secret，says he．Is 1 kw ND；will run tests for NRC in near future．

Don＇t wait for an ID：

## FCC eases controls

Radio and television sta－ tions are no longer re－ quired in identify them－
selves within two minutes of every half－hour，but should do so hourly and at a＂natural break＂in the program．
This was one of several the Federal Communica－ tions Commission in a move to reduce the extent of its regulation of the in－ dustry．
the rule that all eases filmed or recorded materi－ al be so identified．Such identification must be given now only when it
would be misleading to fait to announce that the activ
ity shown had occurred some time before．
The remaining mlaxa－ tions are in the area of me－ chanica！and engineering requirements which，the FCC said，are unnecessary now that broadcast equip ment is so much mans reliable than it was wh

A spokesman denied any intent to relieve stations of their public service oblipa－ tions．The changes will come as a＂great disap－ pointment in those who are expecting abrogation of the fairness doctrine and said Dean Burch chair． man．

DON ELGERT - 1719 west Valencia Drive 89-Crcwn Point, Indiam - 46307
with the following new tatings. DX is ever so slowh starting to pick up here KFMJ-1050 © $6: 45$ s/orf \& a newie, KBUG-1060 who must have just hit the air as the 10/6 DX NEWS Updater lists them as a CP, nonetheless heard © 6:30 s/off w/a good sigm 1. 10/23-KLOV-1570 s/off © 7:15 making references to the FM. 10/24-KNED1150 @ $11 \mathrm{pm} \varepsilon / \mathrm{off}$ atop the jumble just long enough for an ID - not a bad catch here thoush the PB (Pattern Book) indicates a monor lobe this way. Speakine of the PB, in conversation with Gordon Nelson while in Boston he mentioned that it may have actually turned him on to domestic DXing - I guess nothing is sacred any longer, hi. Further DX: WHCU-870 © 6:30pm s/off after an hour of c/vi for Ernie. WHCU's s/off is evident 1 y at New Orleans sunset. Total logged here in Crown Point is about 725 after two off \& on years. Incidentally, excepting extreme cases I have just about said the heck with veries due to the hassle. We11, such is the life of the DXer.

BOB SHAW - 234 Columbus Street - Elyria, Chio - 44035
Here's a little Musing to take your mind off TAs and SAHs, back into the easier stretches of the Western Hemisphere, all times ELT. WREM-1000 8:40am v/ost \& Found (all the phone numbers announced were 832 exchange), u looped. MM 10/23- CFRY-920 W/c/w \& detailed ID \& 1:04, I thiak 5 / off but not for prisingly strong. HJKY-T70 (I'm taking the $650 / 770$ call switch from the recent
 Colombian civernment list), R. Tequendam, $2: 45$ through wis $\leq 10 p$ \& an $X$ ( WABC ) $3: 36$. They're easy to hear $u$ /WOK but unt il now too weak to ID. 10/24- During 3:
 CEF B: 10 am for call change. They had a good eeal of Tennessee NX - have they also CbF 8: 10 mim for call change. They had a good eea 1 of Tennessee NX - have they also
changed states? (Bristol is a Va./Tenn. border town, Bob-ERC) changed states? (Bristol is a Va./Tenn. border town, Bob-ERC) wDBC-680, long-
s,ought, $8: 24 \mathrm{w} / \mathrm{ads}$ and much yak, looping CFTR. 10/28-CFRS-1560, which I discovs.ought, $8: 24 \mathrm{w} / \mathrm{ads}$ and much yak, looping CFTR. $10 / 20-$ CFRS-1560, which 1 discovered to be one of nu closest unheards, 8:10 w/NX \& sports. This post-SRS stuff is great - I've never done much listening at that time before. 10/29-0 $\mathrm{FrF-640}$, Guadeloupe, clearly e 9:30 u/CMa, who were present ine HAMLET: The MM $10 / 30$ was a washout. Specials unn, not tried for. I spent a great deal of time chasing an unID IA-56, who played some sort of IS, about eight bars' worth, over and over a8a in from $3: 15$ tune-in till about $3: 35$, then went into records w/SS DJ. Is this Guayana? (Time corresp onds, Bob, but not the SS - they always have been EE with a Caribbean accent, with Hindustani mx -RRC) $10 / 30$ evening: KiNII-880 w/NX © 6:11 ID u/WCRS. Heard totals: 1,320 domestic; 1,441 overall. 73.

SHELDON S $A$ ARIZ -290 Court Street - Plymouth, Massachusetts - 02360
It's beem at loast a year since my last Musing, so for those who want an update: $I$ 'm 22 , single, and have beer DXins at least ter years. My min interests lie in Broadcasting fields, and I've workec at a small station before. I also swap brodicast-quality jincle packs, ejc. Ny collection of thern is growing quickly, what with addition of WJTG and WRKO (not tic mention wCSB-640). I noticed the past week a stron: carrier on 640 all day, and even at night, just where the Cuban is. In fact, recent ly gof of American clears seem to have been jammed by Cubans!?! To confirm this, I phoned and did some simultanerus DXing with a DXer in Tampa, who is obvicusly within earshot of cuba day and nicht, he claims that the signa is were identical, and the Cubans seemed to be extremely stront. Well, group. Has Fidel finally gone the whole route? Wibe Mr. Cramer kn:ws. Call me at the $24-h$ our Chat line $-617-74 \hat{0}-0394$. Second caller zets an album: Best of DX to all, and listen for the upcomine WCVR one:

As to DXing, I do not 0 very much now as oy ix needs a thoredgh Coing uver - it is now ove: 18 years id \& still usir.; the oxijiml tubes \& getting weaker all the time. In fact, I cannt cet any thing at a11 an the 15.5-44


salary for more than four years now since being retired by my employers. OAS Pension does not allow much to come \& go on by way of such expensive things that have to be repaired or overhauled by the various Services who seem to charge plenty for what little time is spent on such services. But I am not complaining - only missIng my DXing somewhat. muring the past year or so the following was heard: WAMB1190, $11 / 1 / 71$, veried $6 / 15 / 72$. WOBR-1530, $12 / 23$, veried $2 / 29$; WCVR-1320 $11 / 29$, veried $1 / 14$; WTOW $12 / 6$, veried $2 / 7$; WISS $-109012 / 13$, veried $1 / 5$; WAMT-1580, heard $1 / 7 / 72$ but not heard from in reply to date. WWJC-850, $1 / 10$, veried $1 / 20$; WIDG- 940 $1 / 12$, veried $2 / 15$; WRDI-1580 1/14, veried $1 / 21$; WHEX-1580 $1 / 17$, veried $1 / 27$; WABD1370 heard $1 / 22$ but no reply as of present date. WFIR-960 1/23 veried 2/7; KIWA$15503 / 6$, veried $5 / 26$. WKIX $-8503 / 27$ with no reply to date \& the latest one was KMNN-1080 heard $10 / 16$ but no reply as yet but I am hoping to hear from them scon. Total heard $\log$ now stands at 2,895 with 2,722 verifications at thel present time. Verie arrived a few minutes ago from KMM-1080, Northfield, Minn. in the form of a $\mathrm{v} / \mathrm{l}-\mathrm{CM}$. This for the TEST of $10 / 16$, not a bad service in regards to early reply when you take into consideration $I$ am still waiting for replies to reports on DXe of 1971 \& early 72. Mr. Harlow mentioned he received reports from several states and "and four from our good Canadian friends." So I must have been one of the four he heard from. (Hedley, your letter and money order are being forwarded to HQ)ER

BILL FEIDI - 8708 Contee Rcad - Apt. 14 - Iaurel, Maryland - 20810 ERC: Re: Genoa-1578 TC mentioned in my 10/20 Musing, you are quite correct; "hora seis" is SS - this should have read "Ora sei" which is Italian. Sorry, but I didn't have my II dictionary handy, hi. (I wasn't trying to correct your Italian grammar, Bill - I figured if you heard "seis" you probably didn't have Gence, but perhaps Porto -ERC) I have just a few new items since my last eeport: 10/11-Porto-719 noted fairly weak, but built up to very fine level by 11 pm when it was better than either WGN or the Cuban on 720 . SSS on $10 / 12$ was a bust with onlv Dakar-764 doing nicelu, but $10 / 13$ was better with Porto- 792 very grod, Dakar-764 excellent, Spain or Canary Islands-953 with very good audio, qut no ID; also a jumble from the Speniards on $1475 \mathrm{w} / \mathrm{s}$ ome audio, also two new TAs in EAJ2 -917 madrid from 8:10-8:28pm $\mathrm{w} / \mathrm{mx} \&$ ta kk in SS , quite strong at times, hitting S-7; EFJ15-1025 from 8:35-9:20pm w/rock-crusher signal $\mathrm{w} / \mathrm{man} \mathrm{W} / \mathrm{ta}$ Ik in SS; mentioned R . Junventud, Madrid, and Valencia around 9. I a1so had unID het on 971 around 9:40pm which was quite strong at time, but 970 slop made audio impossible. Interesting as this is a little late for Portuga1. 10/16- Dobl-1025 noted 1:01-1:04am w/NX in GG, but audic was a little weak and we had a severe SAH fade which made copy rough. Then we danded a new country in ECS4-1097 Las Palmas from 2:55-3amw/OC, guitar Is, \& s/on announcement in SS; slcgan is "R. Atlantico". 10/21-HIJP-890 Santo Doningo 8-8:05pm w/ "en Continental" ID \& mention of phone number in Santo Domingo; very strong sigml w/wIs missing. 10/23-HJFV-1220 Parranquilla 1:55-2:05am w/IN pops, many w/NA flavor; R. Quince-Caracol ID @ $2 \& 1 a m$ TC § 2:01. WIXE-1190 Monroe, N.C. from E:51-7pm w/MoR-rr format, local spots, and "wixy" mentions; had severe QPM from WLIB \& WOWO. 10/25- WSON-860 Henderson, Ky. © 7:15pm w/end of CBS NX, and s/ off without anthem. Strong Clarin noted on opposite loop bearing. That's it for this time, 73 \& DX.

DAVE SCHMDI - 8 Valley Terrace - Apt. 9-Wilmington, Delaware - 19802
Things are picking up! New DX: 10/29-Report it9 out to WA RM-590 but I will get a verie this time - watch. Also, WRON-590 4:47pm, well at op things an hour before sunset. MM 10/30-WAPE-690 noted on top of the cuban @ 1:38 am, must have been an AXR test. WKIS -740 noted on RS most of AM, maybe AN? KLOU1580 heard $\varepsilon$ /off © $1: 58$, to return @ $4: 55$ per announcement, so I figured it would be a good try for KDAY-1580, which finally showed its face e $2: 47 \mathrm{am}$, fiving sports xcores, into almost wall to wall Top 0 , and ID taped e $3 \mathrm{am}, 18$ from cal. here. (Just what IS Wall-to-hall ma, Dave? -ERC) No veries this week. Can J. W. send me some more info on the $\mathrm{SM}-2$ ? I lost the old forms an would like to get one to get rid of the spiral monster - his! That's it for now so 73 s .
BE SUZEE TO SUPPORT RUSS EDMNNE' DX DOWN THE DIAL AND BOB FOXWOHNH's INTERNAT IONAL DX DIGEST, and DXTRAS EAST and DXTMS WEST. WE WANT TO THANK THE 11 OF YOU 600 MEMBERS WHO SUPPORIED THIS SECTION THIS WEEK.

