

## CPC TESTS

We're pleased to see some new tests added to our list below. Keep working at it please - let's make this the best CPC year yet!

Nov. 14 WCAZ-990 Carthage, III. 0115-0130, 1000 w w/TT \& voice ID's. v/s is Station Manager, WCAZ, 84 S. Madison St., 62331 Arr. J. Kromka

Nov. 14 KVNU-610 Logan, Utah 0300-0400, 5000w, non-directional. Tones, voice and code ID's, music. $v / s$ Bill Trave, KVNU, P.0. Box 267, 84321. Prepaid calls to (801) 752-5141 or 753-1977. Arranged: Ron Musco.

Nov. 17 WYKR-1490 Wells River, Vermont 0000-????, $1000 \mathrm{w}, \mathrm{v} / \mathrm{s}$ Tim Westman, CE. Box 1490, 05081. Arr. Ron Musco

Nov. 20 CJGX-940 Yorkton, Sask. This is a DX special program from the station, time and other details not available. Info from K. Andrews.

Nov. 23 WNHV-910 White River Jct., Vermont. 0000-0300, 1000w, Proof of performance, $\mathrm{v} / \mathrm{s}$ Andy Lekart, CE, Box 910, 05001. Arr. Ron Musco
HeYa 28 KLUC-1140 Las Vegas, Nevada 0300-0900, 10 kw , non-directional, $\mathrm{v} / \mathrm{s}$ and
Dec. 5
Nov. 29 WCHE-1520 West Chester, Pa. 0015-0045, 250w, non-directional. Tones, music (probably oldies), v/s Dave Schmidt, CE, WCHE, 139 W. Gay St., 19380. Prepaid calls to (215) 692-3131. Arr. Dave Schmidt!!!

Dec. 5
or
Dec. 12
Jec. 19 KVNU-610 Jogan, Utah. Details same as for Nov. 14 test.

## THEY JOINED

Larry W. Vehorn, P.O. Box 555, Carmel, Indiana 46032
Ted Jensen, 33 Field Road, Silver Bay, Minnesota 55614

## STATIC $\mathbb{R O M ~ H Q}$

Your guest editors (hi) for this issue are Dick Truax, Gary Atkins and Pat Hartlage. Ted is taking the week off. Looks like we had a postal problem with the Oct. 24 issue. If you didn't get issue \#2 send us a postcard. We need to know just how widespread the problem was. Keep supporting DX News.
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OSIALGIA Dlowly but surely, the nostalgia issue is taking shape. Owing o personal consicerations (little time right now for me) the deadline for submitting material is now Dec. 8. Several of our "vintage" members are working up contributions but you don't have to remember the Federal Radio Commission before you can contribute. Members having access to old DX News issues, RADEX, Broadcasting, etc, are encouraged to submit good clean xerox copies of station lists, old-time station ads and simila needed is information on the early NRCers experienced. Particularly area members would be able charter members of NRC; perhaps our York, PA east, pictures copies of early veries to would be useful. Send east, pic might have to me ar the club box.

NO DX NEWS? Recently Ron Musco and I have handled several requests for missing DX News issues for periods over six months past. Regretfuily, our press runs are such that we have few back issues other than the official file copies. Message here is: Let us know promptly! If you have a problem or if the address is incorrect, etc. send a postcard to me at the uisville P.O. box.
HELP, HELP, HELP: This is a repeat of a request (plea!) for volunteer typists. Elsewhere in this issue is a guide for preparation of copy for with carbon ribbon capacity, it is nolunteers had electric typewriters needed is clean the a fresh dark ribbon, good heavy paper ( 20 ib ) i needed is clean type, a fresh dark ribbon, good heavy paper ( 20 lb. ) and
time. How about it?

NRC LOG is $\$ 6.50$ to members, not $\$ 6.25$ as printed in the reprint/publications list. Send orders to Publications Center.

FREQUENCY CHECK LIST info is needed by Joe Fela, Jr. 150 Robert Place, South Plainfield, NJ 07080. Like everything printed in DX News, the frequency check list is dependent upon contributions of the members.
please give Joe your support. give Joe your support.

THANKS to Radio Nederland for their "plug" of NRC in programs Oct. 27-28. Dave Korinek tells us they mentioned our new address, DX News, etc.
SHARE DX test information please. If you arrange a test fewer than 30 days in advance please send notice also to IRCA, P.O. Box 26254, San Francisco, CA 94126 . The more DXers who hear and report a test, the better our chances the station will again test

AZTMUTH BEARING CIRCLE Bob Hlivak passes on the following: Meshna Azimuth Bearing Circle. Part 904 is now offering an adhesive-backed Azimuth Bearing Circle. Part number SP-175-A, the 7 ${ }^{\frac{1}{2} " \text { (radius) circle }}$ dandy setting circle for Alt-Az loop antennas. They sell for $\$ 1.00$ a and there is a one-time handling charge of $25 \phi$ per order. Minimum each is: $\$ 5.00$, excluding shipping. They will send a free catalog containing other items to fill up to the minimum $\$ 5$ order. Otherwise, you might want to join with others in sending in an order.
ONTARIO DX ASSOCIATION is now offering a 47 page book for English speaking DXers called "Spanish Reception Reports". Topics included in the book are the Spanish alphabet, numerical system, call letters, monetary units, time checks, station iDs, sports, commercials, etc, and a 14 page section or words and terms Reply Coupons Dring hobby. Price is $\$ 4.00$ (Canadian) Mills Road, Apartment \#1910, Don Mills, Onatrio M3A Mills Road, Apartment $\begin{aligned} & \text { by money orders or IRCs only. }\end{aligned}$

Hi All,
This may be a weird column, as ECR is really tired, and in a very strange mood. In answer to several reporters' questions, the deadine for material to DDXD is Saturday; if I'm running slow and the mail isn't some early morning Monday stuff may get in, but don $t$ count on fiting comments so far are runnically, it will become permanent. If the next few columns seem harried, understand that Ye Ed is presently up to his new in work. In addition to school and DDXD, I've become a representative in our Senate here a Berkcley, which is really putting a cramp on time. If anyone is waiting for letters, please bear with me, hi. One other project wort,h noting is SAN FRANCISCO's bid for the 1978 NRC Convention, we (Yes, Virginia, the infamous BARF is alive, and more or-zess. well, hi) have been thinking of bidding since Louisville, and have a lot of good stuff planned. Besides, competition breeds excellence (Hi Chuck, Karl)i Anyway, the official bid should be appearing since NRC had a WC Convention which seems long enough, hi... Anyway; on to the DX..

SUNSET to MIDNIGHT

| $950$ | KMER |  | KEMMERERERERER (hi--ECR), 10/25 $2046 \mathrm{~s} /$ ofi in good o/ XEGM W/KJR nulled. (NH-WA) |
| :---: | :---: | :---: | :---: |
| 1230 | KREW | WA | SUNNYSIDE, $10 / 2521152$ PSAS w/call letters at end of each; into CBS Sportline 2116. Fr o/others. (NH-WA) |
| 1300 | KRVB | OR | MEDFORD, $10 / 252130$ loud \& clear w/s/off, no SSB; 0/KMPS, KXRO-1320 slop nulled. (NH-WA) OVER KMPS?? I can't even hear anything over KMPS... Aaarg--ECR |
| 1400 | KART | ID | JEROME, $10 / 262026$ ID followed by listing of community events to be held. Good o/KTNT/KEDO/CINL/etc. (NH-WA) |
| 1410 | KWYO | WY | SHERIDAN, $10 / 152205$ end of Ai Nx, record, ID finally 2210, poor w/CFUN nulled. (NH-WA) |
| Eastern Zone |  |  |  |
| 1350 | WINY | CT | PUTNAM, $10 / 14 \mathrm{gd}$ W/ID 1743. (DA-NY) |
|  | WNLK | CT | NORWALK, $10 / 14 \mathrm{gd}$ W/ID 1825. (DA-NY) |
| 1380 | WAW2 | NJ | 2AREPHATH, $10 / 14$ SS but EE IDS 1908. (DA-NY) |
| 1570 | WFRI, | IL |  |

MIDNIGHT to SUNRISE
$\frac{\text { Western Zone }}{990 \text { KFVF }^{-1}}$
HONOLULU, $10 / 26$ is HERE, not on 1380 , all nx, HST TCs-in fact, everything but an ID, drat, 0233-0315, Fair-tonil w/deep fades, occ KIIS/Mexican QRM. More in IDXD. (BH) About one more HI and ECR collapses in agony, hi--ECR
1240 KELK NV ELKO, 10/17 0244 atop w/clear s/off, gave s/on time, but not audible. Looking for KBMY $\mathrm{r} / \mathrm{c}$, but didn't hear it. (BH)
$\frac{\text { Central Zone }}{550} \mathrm{KOY} \mathrm{AZ}$
590 WPLO GA
PHOENIX, $10 / 16$ T-40 0305-0315. (SHP-TX)
ATIANTA, $10 / 160317 \mathrm{w} /$ several contest IDs. (SHP-TX) ** $10 / 250125$ en w/QRM do CMN/WOW: lel PSAs. C\&W. DJ's name was Jonathan Adams, prom for $W$ PLO Country Club". (CG)
KRKE NM
WJDX MS
KXOK MO $\frac{\text { ST LOUIS, } 10 / 16 \mathrm{w} / \text { "non-commercial mx" (Guess they won' }}{}$
KFI CA LOST ANGLES, $10 / 16$ T-40 0335. (SHP-TX)
ND FARGO, $10 / 16 \mathrm{w} /$ sports scores 0345. (SHP-TX)
1210 KXEN MO SI LOUIS, 10/26 0625 hrd Gospel Caravan", spots for Rev. fiennedy w/phone, address in Beaumont, IX o/KIKK fair w/

1550 WOKJ MS
heavy QRN. (CG-TX)
JACKSON, io/27 2218 (sri--ECR) w/"Non-stop mx" jx, "WOKJ JACKSON, $10 / 27$ Radio" promo, R\&B/Soul w/DJ JZ (Sounds like a CA DJ,
Love Radion). Good o/KOKA. (CG-TX)


| 530 | crut |
| :---: | :---: |
| 600 | CFCH |
| 620 | WETE |
| 680 | CKOE |
| 690 | WE1D |
| 710 | W0as |
| 890 | LHIC |
| 800 | Ca 39 |
| 900 | WPIE |
| 930 | WFyo |
|  | C78C |

940 kNIT IL
1060 WTOE LI

1090 WILD Na
$\begin{array}{lll}1120 & \text { WUBT } \\ 1140 & \text { C. } 7 \mathrm{~Pa} \\ 11250\end{array}$
1150 WMEL DE
$\begin{array}{lll}1160 & \text { KZL } & \text { UI } \\ 1230 & \text { CTVD } & \text { PV }\end{array}$
$\begin{array}{lll}1240 & \text { WIns } \\ 1290 & \text { WFOT } \\ & \text { WHP }\end{array}$
12 BO WaFD IB

1300 NPER ND $\pm 320$ More Horc yl

1350 MFDK WI
1400 wgita en
1410 KqV ER

1440 VQak SC
1450 W65t NY
W上縕 YA
usid ? ?
1460 VAXC $7 T$
1490 UIMP EAKTBI
WFTI
EA

1590 NAEN PA

1600 ktak do
 212, Ne gry, Jurt knca splatter, (paw-Nr)









gT Sole $10 / 12$ "Wa sere leaving the sir fof procequrs 1 changea ta go fran 10kw to Sohw, =e will rin to the air In soon an poonibla. 0024. (DA-NY)

 rumnine day pattorm/por on hwir ncw, (Dz-DE) ** $10 / 16$ v3 Fospod, $10 / 10 \mathrm{EP} /$ soul $/$ PT 004$)^{2}$ Itronc. $(J K-N J)$




$$
\begin{aligned}
& \text { dere, That was ny volce on the IDu, hil ( } 0 \hat{2}-\mathrm{DE} \text { ) Maybe you } \\
& \text { ean learn to speak in moree code, Davo, hi--ECR. }
\end{aligned}
$$ ean learn to spenk in maree code, Dave, hiv-ECh



 nout of AM. $[0:-D E]$
of 7hat, $10 / 28$ of 29-0140 frow tip wla Fun Sundstron. bite

apotin. cali to atn anla they bsve troutle getiline aorouz town. (JK-NA)

 gounding ay, ate. Yery rare to hear then atop, (DJ-DE)
 Gरh de atn $w / n x$ 0300, Fiofl (mon-Ny)
fix w/yi. (FHN-MY) atop 0305 at und of net mw, In, into 1 el
 and WLFH... $=$, PSA, Into EZLL. (PMN-MY) $10 / 14 \mathrm{TF}$ it th w/2 ethern $0330-0349^{*} \mathrm{w} / \mathrm{al}$ stinetive "It's तथciest as, $10 / 17$ of $w / 110253-0300$. YL DJ. battling
 प10ich, 10/10 FO anding 0120, ID atrong. (JK-iNJ)
 From now on, how ahout reperiling when it tog min hll NKar. zCR
 feturen aongs, rough due to kelQ. (DA-DE) * $10 / 10$ vy ed LblCWOCD, $10 / 100400$ "MLatk Lakovood" greeeded by publse ave गert. vy Wh, lons rader. (JK-1id)

Faally good support this week! The only drawback $w$ /the new format is th $t$ It saices the EC look rally good, hi. Come on you Central and western fyernt let' see three oig sections next week:
Soforn $\quad$ /off, I've got a Ilsting of Daytime DX from Brock Whaley in Earanos: FL:
540 wnak GA colvivpus, $10 / 8$ vy wk u/hGT0 in nul1 $w / \mathrm{T}-40$ Into ID 1000
 "O0F Dothan" $5 \times 1030$.
 of staldy n /chio mysterloualy off 1110 .


 Tr w/cki in mKI null $\mathrm{v} / \mathrm{DD} 1200$ whew
THIAFA, to/g 7C out of inx inte XI ed poot,

 off for zasaon unicnown 1747 ?





That's It. Vy Eonfueion laad to the Sumporary miuaplacenant of sume
That's it. My Etonfueian laad to the sumporary siuaglacnowat ten next thes aarry moye...

FEF THE LISL


Not much else now; remember that the deadine is SATURDAY John Kromka; Not much else now; remember that KIAK 10/10. Miy DXNs are at bome in MP, and I haven't picked that one up yet. To whoe er reported it, sorry for the goof.


W1 thout furthor ado. 1 bid $Y$ os a 11 salen. Intil next time, 73 and bent of


## EeR

RECE VED AT HQ:
Jave Schmidt tells us the WCHE-1520 f/c is every last Tuesday 0030-0045.
4 th Tuesday $\mathrm{f} / \mathrm{c}$ 's, per Ron Mu o are WSLB- 1400 Ogdensburg, N.Y. for 1 min . nly between 0000-0030 shd WPE0-810 Crozet, Va. 0540-0555. Also, 4th Friday there is another 1 minute $1 / \mathrm{c}$ from WICY- 1490 Malone, N.Y. v/s for WICY
WGBS-710 Miami, Fla. tents ir 0030-0500 Mondays, occasionally using their lay pattern, according to inf received by Juergen Trochimczyk from the WGBS CE, John E, Morrí.

# INTERNATIONAL DX DIGEST 

Times are GMT. For ELT subtract 5 hours. Deadlines are usually Monday.

530 JAPAN Morioka JOQG fair w/quiet mx 1410-1430 10/23. (Tomer) GRENADA R. Grenada in from $0012-001510 / 19$ with taik between two men on developments on the island. Peaked for this three minutes and then gone. (Andrews)
ECUADOR Guayaquil HCFAZ R. Tropicana fair mixing with XEWA and other Latins, playing lively mx with frequent "Tropicana" ID's 0126 10/10. (Kromka)
ALGERIA Oran at good level, audio weak-apparent phone-in talk show 2247 10/17. At pest level w/a-cappella male AA wailing 0322 10/19. (Connelly) strongest TA $10 / 25$ at $2300 \mathrm{w} / \mathrm{AA}$ chants. (Jones ST. KITTS ZIZ in well most nites recently, usually about equal w/Jumbo 545. (Jones)
PORTUGAL (tentative) Faro/Guarda suspected here, weak with slow mx 2248 10/17. (Connelly)
VENEZUELA R. Rumbos heard $10 / 30$ at $0522 \mathrm{w} / \mathrm{ID}$. (Jones)
COSTA RICA R. Omega heard music with announcer shouting "Radio Omega". Very strong (to about $\mathrm{S}-9$ ) 0454 10/24. (Fleischaker) 610 and TV birdy on 613.5 at 2250 WA mx , well o/hets from WGIR $10 / 22$ (Connelly
GUATEMALA TGW finally heard this one with Mor, pop, and classical mx. Promos, SID's and announcement in EE asking for reception reports (with free gift) at 0300 on $10 / 26$.
$\mathrm{mx} / / 530.135510 / 28 \mathrm{w} / \mathrm{US}$ rock mx could 1415 10/23 w/quiet has JJ taik and is 530 and 890 , Tomer be confused w/KFAR but UNID EE speaker w/BBC like nx ending at 0207 10/22, interference from Venezuela and Mexico. At 0300 a news pgm called "News Conference" or "News Comment" brought to you by some company. Would St. Lucia have sponsored pgms or would this be EE pgm from Haiti? YVNA covered it b) 0002. Later YVNA seemed to continue regular pgming past 0400, but XERPM tuok over the channel completely. A lot of good stas there if ons coult separate them. Next night XERPM there almost alone. (Freem: ) Hmmm. St. Lucia does relay BBC nX, so that fits. On the other hand WRTH lists s/off as 0300 which may or may not be correct-I know for a fact the s/on time is incorrect. This is listed as government operated and commercial $I$ believe the times are $0330-0400$ or 0 EE scheduled per day, and last half dozen issues for the sked. Why not drop fhe sin the and ask if they carry 'News Comment"?-CH PORTUGAL Lisboa weak w/man in PP through nulled WRKO slop 0327 10/19. (Connelly)
USSR Komsomolsk-na-Amure weak w/YL singing 1405 10/23. (Tomer) UNID seems to be R. Nacional de Colombia, measured on 679.194. (Schatz)
VENEZUELA Maracaibo YVML heard w/ R. Popular ID 0155 10/29. (Jones) MOROCCO Sebaa-Aioun good w/AA mx 2253 10/17. Good in AA 2333 10/ 18. (Connelly)

709 UNID $10 / 23$ at $231018-22 \mathrm{~dB} /$ noise. If Morocco was on this freq $10 / 20$ as I surmised it is now back w/Andorra and the mess on 701. AA or similar was heard on 702 and w/hasty logic it seemed another Moroccan had moved up 1 khz. However, some stn is still on 702 ; unfortunately it was disnise may have been identified. (Bailey)
after the hours listed in WRTH. Are they on looping right, long after the hours listed in WRTH. Are they on an extended sked, do they leave the carrier on, or is it someone else? No audio yet. It loops about 100 degrees and my \$13 calculator says Kingston he was signing off at 0130 last time I heard him. I believe I saw a report in a European bulletin of him around 0200. There is a second stn on the frequency which $I$ heard last January-HRAM or HRAN, ID'ing as R. Super and R. ?? which sounds like Olancho. They
(continued) ure detectable almost every night here in Atlanta so continued) are decectable $\mathrm{S} / \mathrm{ff}$ is either 0500 or $0600-\mathrm{cH}$ PORTUGAL Norte very good w/female vocal in Pp 2254 10/17. Weak u/ mainland QRM w/talk 2210 10/22. (Connelly)
CUBA CHGN Colon R. Rebelde good o/WGN with special pgm at 0130 10/16. (Ponder)
NORTH KOREA Kimchaeck weak w/KK talk 1447 10/25. (Tomer) SPAIN Barcelona fair w/man in SS 2255 10/17. (Connelly)
UPPER VOLTA Ougadougou noted w/African mx o/SAH 2255 10/17. Fair to good w/female African vocal, talk, then 50 's style mx 2336 on 10/18. (Connelly)
NICARAGUA YNX Managua 0440-0450 10/16 o/WSB w/plenty of ID's (Ponder)
PORTUGAL Lisboa packing in a potent sig on the Realistic TRF; cl mx at 2306 10/20. (Connelly)
SENEGAL Dakar good o/WABC splash w/man in AA 2256 10/17. Loud w/ weird $m x$ and vocals 2343 10/18. Ultraloud (equalling WABC) w/AA preacher-said a sentence and others repeated $230810 / 20$. fF, o/WCAS slop $215310 / 22$. (Connelly)
FF, O/WCAS slop 2153 10/22. Sonneling QSB of WABC 2321 10/17.
PORTUGAL Miramar in w/soft female vocal folk style at 2257 10/17. Good w/rock mx with EE Iyrics 2344 10/18. Pop mx weak, then man Good w/rock mx with EE lyrics $234410 / 18$. Pop mx weak, tho USSR Spaask Dalnyy at 1440 10/25 weak w/man singing opera (?); KCRL in strong but slop manageable during voice modulation. (Tomer) MEXICO XEROK finally heard on $10 / 22$ from 0721-0730 mixed w/CKLW and PJB off. Top $40 \mathrm{w} /$ toll free phone \#. (Andrews) HONDURAS R. Yoro Tegucigalpa PFM'd on 805.215. (Schatz) nominally 800, glad a definite ID on this now-CH
SPAIN Sevilla good w/man in SS 2345 10/18. (Connelly)
MOROCCO Rabat atop 2 other stns w/fast belly dance style AA instrumental mx 2258 10/17. (Connelly)
JAPAN NHK1 synchros weak w/YL talking between EZL selections 1437 10/23; // 530, 660, 840. (Tomer)
COLOMBIA Medelin R. Vision HJDM faded in after HIJB s/off with Colombian SS mx and frequent ID's after every song was constant until 0430 when faded on $10 / 8$. (Kromka)
DOMINLCAN REPUBLIC Santo Domingo HIJB heard w/sign off w/NA 0400
CCO way down under in mostly
JAPAN Nan Jook fair 1425-1435 10/23 w/quiet mx, no break on the half hoyr. (Tomer) GILBERT ISLANDS Tarawa VSZ1 strong w/native YL 0920 10/24. (Tomer) MEXICO XEUN R. Universidad w/ID at 0557, non stop el mx, often dominated freq w/XEMO,KOAM, KONO under 10/21. (R. Waterman) NORTH KOREA LOCation unk, weak w/KK talk 1230 10/24. (Tomer) MONTSERRAT ZJB in and out of the noise $11 / 1$ at 0100. (Jones) ALASKA Adak AFRS in $1400-140510 / 25$ with nx , then lost to the CC: resurfaced $1418 \mathrm{w} / \mathrm{MoR}$. (Tomer)
HAITI Port-Au-Prince $R$. Nouveau Monde was in very well on 10/14 from 0300 to 0500 s/off. I noted one ID in EE by YL anncr, but still using the FF stn name, and one SS ID. Rest all FF. They announced as "mine point one" and "ninety-six point ?, FM". I suspect the EE ID was taped a long time ago, and not changed with the freq change. An echoed "RNM" is used often. Report sent. Thanks to Chuck Hutton for help earlier on this one. (Freeman) I owed you one, right, Clarence?-CH. R. Nouveau Monde very good w/sporting event, s/off at $050010 / 19$. (Kromka)
buried under RNM. (Schatz) BARBADOS heard talk pgm 10/29 on the Barbados Educational System telephone \# for calls was 94251. (Jones)
ID as "Radio Amatique International Spect number for reports given, and mention of this EE pgm being on every week. (Lindblade) I laughed so hard typing up that slogan I had to stop. Seriously, an interesting catch-CH
MOROCCO Agadir surfacing o/CBM slop w/definite AA talk to good peaks, 2310 10/17. (Connelly)
NIGERIA Enugu(?) $10 / 23$ at 2255, barely readable $w / E E$ male anncr, talking drums is on the hour. Deep fades w/peaks about five minutes apart; $22 \mathrm{~dB} /$ noise. (Bailey) Ho hum, another rare African.

VENEZUELA R. Vision logged w/ID 0530 10/29 in aurora. (Jones) UNID Spain or Canaries-SS talk 2309 10/17. (Connelly)
MEXICU XEJ Ciudad Juarez 0515-0520 10/16 o/WAVE with ranchera mx (Ponder)
HAITI R. Cacique here ex 990. (Schatz)
SPAIN Madrid weak w/mixed SS talk and mx 2317 10/17. (Connelly) HANAII (tentative) a positive tentative $10 / 26$ 0633-0715 as they
did everything except say KHVH . So they moved to 990 rather than 1380, ex 1040. Ae nx ending 0635, then NBC NIS news sounder w/ HST TC and Hawaiian type anncr giving local nx, Hawaiian names and places. Fair to nil sig w/long and deep fades for the next half hour, but defibitely heard NBC stock market feature 0640, CBS feature 0650, Ai nx at 0700 , and then local $n x$ again. Calied themselves "News 99" and gave HST TC's but dod not say KHVH that I could hear. Their 0700 legal ID was clobbered by KKIS, which had been weak to nil before 0700 but was hard to null thereafter The Mexican also gaded up from time to time. I suspect this may be only 5 kw , which is what now extinct KTRG 900 used to be in MEXICO XET Monterrey
MEXICO XET Monterrey o/u WIBG w/talk (heard "Aqui en Monterrey")
plus sports 0325 10/23. (S. Waterman) plus sports 0325 10/23. (S. Waterman)
(Tomer) 1 w/oriental mx 1140 10/24; probably Taiwan or China. COLOMBIA (tentative) believe I heard a R. Villavicencio ID 2259 10/27 during good aurora. (Jones)
VENEZUELA heard all AM $10 / 31 \mathrm{w} / \mathrm{R}$. Margarita off. (Jones)
MORC CCO Sebaa-Aioun good w/non stop Who records 2220 10/17. To excellent peaks w/hard rock guitar mx 2320 10/20. Good w/"Love Hangover", interspersed with FF talk, WBZ nulled 2244 10/22. (Connelly) This is definitely on 1044 and has been from at least the beginning of October-CH
MEXICO XEEP R. Educacion likely, excellent sig $0455+0 / \mathrm{KYW}$ and KNOE. // 540, 940, 990, 1030 , and 1050 ; s/off 0500. (R. Waterman) PORTUGAL Norte killing KYW; cl mx loud 2221 10/17. (Connelly) ANTIGUA ZDK Strong 2242 10/27 in aurora. (Jones)
set of $10 / 6$ with no sunset of $10 / 6$ with no sign of WBT, Many other LA's coming in on CHINA location unk w/YL taiking 1015
/low hets u/KMOX null 581 CC style DOMINICAN REPUBLIC HICN R. Antillas heard w/no. (Tomer) with SS mx, fair to poor with frequent fades $10 / 6$. Krom 0000 DOMINICAN REPUBLIC Radiolandia HIBG hrd $10 / 28$ at $0100 \% / \mathrm{u}$. puerto. (Jones)
MOROCCO Agadir poor to fair w/AA instrumental mx 2225 10/17. (Con) FRANCE Bordeaux poor w/man in FF 2226 10/17. (Connelly)
very on $10 / 19$ around 0500 a weak carrier showed here in spite of very poor cx on TA paths-nothing on 1403, my usual bellweather tuned to 1043 and found an even stronger carrier, both these on 1586,1403 , or 845 , and sharp on null-were fuzzy. No traces iers were gone. Eastern clears rechecking 1214 and 1043 the carrlers were gone. Eastern clears were very poor but CBK and CBR Could it be 4 hops? Would this indicate that the doughation? have a bite out of one edge or must it be uniform? Any hope of audio on such propagation? (Freeman) Such hard questions! 10/19 was a rotten TA night here, only a few of the regulars. If your 1043 could possibly be 1044, it is no doubt Morocco, as they are audible here nighty in spite of geomagnetic activity and are also the strongest TA on the band. As for 1214, the doughnut hole is bigger (relatively) than the hole in a real doughnut, leaving much space for transpolar propagation. As for 4 hops, get out your calculator and figure it out yourself, hi, referring to dmunds Transpolar DX available thru NRC reprints. The auroral oval would not have a bite out of one side but it does move around some and is not perfectly oval. Audio on such propagation would ionized areas, and then it would assume thru the edge of the and distortion. If you are not satiated mabe Edmunds auroral fuzz or another prop expert will step in and expound/correct this-cH SPAIN (tentative) Madric the probable source of SS scunding talk wallowing in bad 1220 slop 2230 10/17. (Connelly) COSTA RICA R. Nueva Victoria-replay of a $10 / 26$ tape yielded a weak ID. Actually 1224.4. (Hutton)

CHINA Xining tentatively the CC in poor/fair u/KYAC null 1115$120510 / 24$; had classic CC pgm. Possible ID or pips 1200 ruined 1205 10/24; had classic CC pgm. b . FL . 1405 . (Tomer)
UNID PFM'ed on 1254.920. (Schatz)
UNID 2 carriers here; SM2 position indicates an Algeria/Senegal mix 2232 10/17. (Connelly)
FRANCE Lille totally o/St. Pierre 1375; FF talk booming in o/ weak 1375 het 2237 10/17. (Connelly)
USSR Vladivostok weak w/quiet mx 1005 10/24. (Tomer)
PHOENTX ISLANDS WXLE Canton Island fair w/Neil Diamond song 1003 10/24. (Tomer)
MEXICO XEOR Reynosa 0106-0120 10/23 o/WROA and KHOB w/ "R. Gallito" ID's. (Ponder)
ALBANIA Lushnje fair w/slavic sounding talk by woman 2238 10/17. (Connelly) heard $10 / 24 \mathrm{w} /$ repeated trumpet IS, time not noted. (Jones)
GUINEA Conakry heard 10/24 from 0540-0615 with chanting, anthem at 0600, then men talking in FF interspersed with mx. They went to vernacular at 0610; up to S 8 on peaks. (Musco) here w/big JAPAN Sapporo JOWF 0926-1000 10/24 w/MOR mx, YL and OM talking in JJ, commercial spots (?), single pip at 1000. (Tomer) ALBANIA Tirana fair w/woman talking, possibly FF at 2240 on 10 / 17. (Conne1ly)

MONACO Monte Carlo excelling, badly pestering 1460 and 1470; religious mx hrd at 2241 on 10/17. (Connel1y)
UNID w/cl mx, R. Hoyer? (Schatz)
BAHAMAS ZNSI'R. Bahamas with nx $230010 / 28$, no sign of WPTR under very severe auroral cx, alone on channel. Quite strong and report sent. (Kromka)
PHILIPPINES Cebu City DYLA tentatively the source of fair carrier $093810 / 24$. (Tomer)
MEXICO XEDM Hermosillo heard 0357-0415 10/16, fair o/KLOU with futbol game. (Ponder)
MEXUCO XEAE Ciudad Acuna hrd 0505-0508 10/16 w/sign off at 0508 , good o/KOGT, KATZ. (Ponder)

Seventeen of you fine NRC'ers were able to see your name and loggings in print this time; quite a nice turnout! If this fills any of you others
with pangs of desire for recognition 1 invite you to mail in your DX ASAP and join the throngs of IDXD supporters.

Doug Allen-Schenectady, N.Y.
Kelly Andrews-Richmond, Va.
Bill Bailey-Holden, Mass.
Mark Connelly-Arlington, Mass.
Ted Fleischaker-Louisville, Ky.
Clarence Freeman-Yreka, Ca .
Charles George-Dallas, Texas Bill Hardy-Aberdeen, Wa.
Chuck Hutton-Decatur, Ga.
Rolland Lindblade-Omaha, Neb.
Ron Musco- F indsor, Ct
Steven Ponder-Fort Worth, Texas Ron Schatz-Margate, Fla.
Randy Tomer-McKinleyville, Ca. Richard Waterman-Southwick, Mass Sharon Waterman-Southwick, Mass.

HQ180, SM2
2 R390A's, 2 1200' phased Beverages
R390A, TRF, SM2
HQ129X, SM2
Navy RBM4, loop
Drake SSR1
R390A, $1500^{\circ}$ Beverage
DX160, LW
SPR4, Sanserino loop
HQ180/Sanserino, HQ145/LW
TRF, GClA, Hedge loop
R388, LSCA2, counter
QA600A Beverage, loop
HA600A, Beverage, loop, LW

Feature stuff- Arctic Radio Club reports Voice of Peace, International Waters on 1538 , ex 1540 with 80 kw now. Spain-EFE57 La Voz de Navarra on 1133 , ex 1570 ; EAJ64 R. Segovia on 1412 ex 1430 . United Arab Emirates is to begin testing 800 kw on 1535 starting January 1978 . Dominican Republic delete ur.
ia mea DX Cow . HCJC3 R. Centinela on 1505, HCDY4 R. Iris on 1465, HJPF now 1080 ex 1160 , new is HJDI Pontificia Boliviana in Medellin, HJEO ora Apolo ex 1330, and $R$. Punto 980 is a new stn heard testing. Libya has a new tx on 1061 in Durnah. The Tripoli tx is now on 1406 , ex 1454 with the International Service.

PFM's from Ron Schatz coming next time.......

Greetings, and welcome, after a while, to the latest edition of DXChange: Not too many ads received until the past two weeks. Hopefully, we'll appeas every month to six weeks, support permitting.

## For Sale:

Receivers:
HAMMARLUND SP-600 JX 17 with extra Chassis. Make offer. (John Johnson, 368 Washington St., Hoboken, NJ 07030, 201-798-7321)
COLLINS R-390A/URR. Very good cx, $\$ 375$ plus shipping. Will deliver within 50 miles of Scranton, PA. (Glenn Jacobs, K3WEI, P.0. Box 354A, RD \# 1 (1) PA 1844. 717-842-8245)

DRAKE SPR-4. W/ 100 kHz . calibrator, noise blanker, 35 extra crystals, extra crystal sw. W/ housing. Mint cx. Purchase price $8 / 76$ was $\$ 943.75$, asking $\$ 800$. Frequencies covered on request. (Robert F. Tremblay $\$ 28$ Stuart PI., Westfíeld, MA 01085)

COALINS R-388/URR. Has tape output jack on front panel. \$325. (Linda Brodsky, 245-16 149th Ave., Rosedale, NY 11422)

EAMNTLNVI RR-180AC w/mamual and matching speaker. Very good shape. $\$ 300 \mathrm{ppd}$ (C. R. Weinstein, Box 52, Golden City, MO 64748; 417-537-8604 after 9pm CSI)

NORDMENDE CGOBE-TRAVELER. Super-selective portable w/ AM-FM-LW-MB + 11 amateur bands and int'l bcEt. bands. Signal meter, light, tone, \& case. Exc. audic Courtney Lock \& Haire., 2242 Jerome Ave, Bronx, NY 10453; phone (212) 733-1262 days; (914)-668-6753 nights.)

## Antennas:

WCRCESTER SM-2 in good shape. \$32. (Weinstein)
Accessories:
BC-306A Antenna Tuning Unit. $\$ 5.50 \mathrm{ppa}$. (Weinstein)
ROYCE VOM Mod, 3-040. 20k-ohms/VDC, 10k ohms/VAC. W/ case. \$10. (Weinstein)
CRYSTAL GALIERATOR FROM HQ-180AX. Removed to ada mixer-trimmer. Provisions for 11 fixed-freq. xtal channels $\mathrm{w} / 3 \mathrm{kHz}$. vernier tuning. Includes 3 xtals, $1000,1250 \& 3400 \mathrm{~Hz}$. Removed intact by Bohac. $\$ 15$ or best offer. (Kelly
Andrews, 7016 Montauk Dr., Richmond, VA 23225) Andrews, 7016 Montauk Dr., Richmond, VA 23225)

Publications:
GUIDE TO EROADCASTING STATIONS, 17 th Ed. $\$ 1.00 \mathrm{ppd}$ (CRW)
IRCA FORETGN LOGS Vols. $1,2,3$, \& 4. \$2 ea. ppd. or 111 for $\$ 7.50 \mathrm{ppa}$. (CRW)

HEATHKIT MR-1010 RADIO DIRECHION FINDER MANUAL - 754 ppd. (CRW)
DX MONITORS: Vol. 12 \# 1 - Vol. 14 \# 31; \$10 ppd. (CRW)
DX NEWS: Vol. 41 \#28 - Vol. 44 \# 28 ; $\$ 12$ ppd. (CRW)
WRTH's, $1973,74,75, \& 76 . \$ 6$ ea. ppd. or all for $\$ 20$ ppd. (CRW)
Miscellaneous:
(5) Line-Isolation Transformers. Approx. Ratings: 400 w. cont., 500 w. intermittent. Primary: 120 v or 240 V AC 60 Hz ; Secondary: 120 v . isolation be windings 600 v . or better. Great for AC-DC TV or ex work. $\$ 25$ ea. (Gerald Koske, $1020^{\prime}+$ Thayer Rd., Wonder Lake, II 60097.
Sell or Trade: RCA \# 861 Transmitting tube. (Fil. 11v © 10 a; plate $3500 \mathrm{v}, 400$ w. out. $17^{\prime \prime \prime} \mathrm{h}, 7^{\prime \prime} \mathrm{d}$. Plate $3 \not / \mathrm{k}^{\prime \prime}$ sq. Fantastic conversation piece or a lamp can be from it Make offer. I need $\$ \$ \$$, SN2, Transistorized oscilloscope, signal generator, counter, etc. (T. D. Langley, 61 Willow St., Pleaspntville, NY 10570)

## Wented

DX NEWS: Vol. 41, \#'s 22 \& 30. Vol. 40 \#'s 2, $5,6,7,9,10$, \& 24. Vols. 36 39, any copies at all. Many of these for donation to Temple U . Library. Longyour entire DXN you're "retiring" or "cleaning house", keep this in med of long standing, see if we can obtain these issues. Anyone else, please let me know if you are willing to part with your collection. Shipping paid. (RjE)

ISI OF CW BEACON STATIONS in and around the AM band, from the CONFIDENITAL ISST, either xerox or actual book, (K. Rychalsky, 22 Carroll Ct., Bridgeport, CT 06607)
DX NEWS: Vol. 40, 41. (John H. Walters, RD 3; Acorn Dr., Vineentown, NJ 08088)
sPace Magner cm-2. (John Clemper, 2937 W. Gilbert, Peoria, II 67604. (309)-685-1880) ${ }^{* * *}$ Mr. Clemmer, meet Mr. Weinstein on the preceding page - ed

RUSIRAK R-88 Strip Chart Recorder with roll paper. Good cx, w/gears suitable for BCB work. (RjE)

NOTICE: AS NO CARDS WERE RECEIVED INSTRUCTING ME TO RE-RUN ADS FROM THE FRIO COLUM AND INAMMOCH AS 11 WAS IHFED HERE 4 MONILS NG, HO II APPEARED LATER, NO SUCH ADS WERE RE-RUN. IF YOUR AD APPEARED IN THE PREVIOUS EDIIIION OF DXC AND YOU WANT IT CONTINUED, PLEASE LET ME KNOW. THE IDEA OF ADVISING YE WHE AN ITEM IS SOLD SIMPLY HASN'T WORKED, SO I CAN NO LONGER RE-RUN ADS TNLESS SO INSTRDCTED AFTER A REASONAELE AMOUNT OF TIME HAS PASSED SINCE IT LAST APPEARED. SORRY, BUT THAT'S THE WAY IT'S GOITA BE.

ERNEST R. COOPER
5 ANTHONY STREET
PROVINCETOWN, MASS. 02657

## MUSINGS

The opinions expressed in this column are those of the individual member and do not necessarily reflect those of the editors, publishers or NRC.

## HANK WILKIFSON - 5028 Zaicien Lane - Santa Rosa, CA - 25405

I have really enjoyed the first two nonths of tinis 3 X season. At this time last year I was bothered quit a leave been blessed ith no such interference. The montis September overall was a better month than cotoder (as of $10 / 22$ ) for $15 \mathrm{D} \%$. Sept 10 and oct. 17 were very good for Asians. Scpt. 27,28 , 329 were zood for dissie reception. A definite downtrend in Asian reception was noted on 10/20-21-22. Jerhaps it was different at other locations on the WC. Regular correspondence with Horm ..aguire and clarence Freeman is peport to chuck Hutton's coiumn. I have eisht new forei;n reports out so far andist who report to chuck Hutton's coiumn. I have eight new foreier reports out so far abairst my goal of $24 / 25$ for the season. I am going to experiment this season by mailing four recep-
tion reports on Far East U.S.S.R. stations directly to the stavions. The "R. Moscon" routine is no lorieer productive. It ajpears tnat evening Dx may be possibie nere on occasions so I hope to spend some time on Europeans? Africans with the h:lp of Jlarence Freman. By the way, is there anyone in the San Francisco-0akland area who has a collins 390A'URA in mint condition for sale: If so, please contact me. Good luck at the dials to everyone.
JMMES E. CRITCHETT - 1635 Walbridge Street - -ed Sluff, CA - 96080
A couple of stations' IDs were heard this past week may be of interest to WC listeners, and some lucky Midwesterners. I don't know when they changec calls (who listens to his own locals?) but Ned. Oct. 19 2pm EDT on 600 I heard KSXO ID. KVCV changed ownership lately, hence the call change for six-oh Radio. Tre second was ${ }^{[ } 2: 57$ am on 1040 , when KPOI IDed; moved from 1380. KKIS-990 went off $4: 03$, but from then to $4: 30$ I neard n
KHVH; just KTKI ID $4: 29$. KKIS is AN 24 hours except SMs. (KPOI was heard Sun. 10/23). KHVH; Just KTKT ID 4:29. KKIS is AN 24 hours except SMS. (KPOI was heard Sun. 10/23). For the west coast, KROI's gain was KHVH's loss. Mon. Oct. 24 I tri 2850 again for KICr, tation on what I thought they sadd was 1240 Callarm's Iog shows CFVR on 1240 and CKC0 on 1490 Did CKOCO move to 1240 when CFVR went to 850 ? CFVE went off $3: 18$ to retum is 8 EIT . I did not hear KICY. At 4:08am MM 10/24 on 630 , KIDO said AN, so SPU. At 5, iDAY1580 went off, to return 7. No ID was heard from the remaining musical station us to $5: 10$; too weak, and too much KLIV-1590 spill. Could have been the heard KLOV or wanted KRZI. For Callarman's records, KNCR-1090 used APR NX 2pm Mon. 10/24. That is all of interest to others; keep Ernie busy weekly. 73 s.
bill harang - 811 Nevada Avenue - San Jose, CA - 95125
1110 appears to be an interesting frequency on the WS a $t$ night. In Victoria CHQT dominates. KFAB \& CHQT pretty much fight it out in Seattle. In the Aberdeen/Hoqualam area, KBND dominates. Fortland had KBND dominating 1110 there too. In the Eureka area, KPOP dominates. In San Jose, KRLA usually dominates. On the 1500 frequency, KXRX \& KSTP
are about even in signal strength in orants Pass, OR, leaving CKAY \& the Nexican behind. KTOM omates 1380 in Grants Pass. KEDN comes in a lot better in Grants Pass than KXIF. However, in Sacramento, KXLF comes in excellent with very little trace of KEEN. In the Avery
area, however, KKAN dominates. 73 .

ANDRE F. RUGG - 668 De Gaspe - Apt. 408 - Ile des Soeurs, Quebec - H3E 1 H9
1470, a call change frum CFOX. CKO is "All NX, " Then on $18 / 9$ I logsed and verified CMO1470, a call change frum CFOX. CKO is "All NX. " Then on 22/10, I tentatively reported WUNR
-1600 from $6: 15$ to $6: 35 \mathrm{~mm}$. They had oodies of local ads but $n$. ID was heard. I - 600 from 6:15 to $6: 35 \mathrm{pm}$. they had oodies of tocal ads but no ID was heard. I think they wert, I will go after WRCQ, WUPE, WIXY, WHLS, WACQ, WJZ2 $\&$ iNSR. After $17 \frac{1}{2}$ years of on-and off (mainly off) BCB DX, my totals are 1,521 logged and 1,449 verified. I enjoy ERC's mothball Memories". Since I only began $B C 3$ DX in 1960 , I can't contrioute. Perha ss, we could have Mothspray Memonies" about BCB DX in the early 1060's. IA so, I could write a little piece on MMM DK in 1961". ERC, would you like to see it? (i:O, Andy, I wouldn't LIKE to I'd L-O-V-E to! Please send it along! -Eic)

KONSTANTINE RYCHALSKY - 22 Carroll vourt - Sridgeport, CT - 06507
XVIII. Afer 11 montis silence, four new veries arrived last eek: NUNR-1600 MA long time needed post card; $N H 00-993$ Fla. sent let ter $w / C M i s$, photo of antenna set-up, \& a copy of 990 kHz from the Na Night Paitern 300 k . Lonj long time needed letter from WVMT-620 VT for state f30, \& finally WME-1000 v/c. one rece.jtion rezort sas r turned from WKPQ-1320 Pittsburgh. DX: ole playing rr. This one also long time needed for state $\# 31$. Varie total is now 240 and 25 pending. 73 s . Kon, 'tis WKI2 in Pittsburgh on 1320; ex-ikPa ${ }^{2}$, MJAS; and they're at 100 Forbes Avenue, 15222 . Do you not have the current inc Log:? - E.C.

KARL JETEA - 2816 Frontier Trail N.E. - Atlanta, GA - 30341
KARL JETEA - First, a few local radio notes. WGST-920 has finally goten their "All NX" forrat around the clock, $z$ it sounds very good. They use Ae, olus numerous features, \& thirik tricy have some uiusi Net stuff also. They ave a night talk show (8-midnight, I think). I wasn't aware of intis CP - wasn't it to move their XR? Anyway, to my dismay,
they sem to have a belter simal now. Also, WAOK-1380, which at night was seldom heand here seens to be coming in much stronger. They still have a null in KE Atlanta, but apparently they have adjusted the azttern a bit. So far, only WAEN-1590-TEST was heard here; KCTE-1140 wasn't noted at all with the TRF. On $10 / 10$, the TA's were rolling in nicely, 3 I got a solid 30 minute copy on TNR-1456, w/EE prozrams 7:30-8pm when they s/off. Guinea-1403 \& Vatican1529 were two others noted, the latter w/severe WCKY slop, © 8:06pm. 10/12, WGTN-1400 a
 Is this a new c:11 for TMN, Trumann, ART If so, it is unn, I noted unn 'NRPM-1530 s/off same night 3 7:16. Mi 10/17, \& an unID from last June was cleared up: $\therefore$ SIB-1490 positively
 $21, \mathcal{I}$-120) :omin. 3ank of New Bern ads. Glad thats cleared up, hi. I also heard 21, 1290 , 1 also heard

- JEYY-1580's s/off is a curiosity. It mentions the treaty with Canada that MLI U.S. stations
( on 1580 must shoff $S S S$, 2 concluzes with a trite miNhen WEYY s/off, even the sun goes down. I wonder: how WEYY accounts for WCLS/KLOU etc.? Hi. MM 10/24, I had only the trusty TRF, but f:eard WHOP-1230 E $5: 53 \mathrm{am}$ W/TT \& ID, then $5: 55$, SS3 \& s/on. Over to 990 , WNOX/WHO dominating, but I heard "O Canada" \& a weak s/on, mentioning CBC Radio. CBN? $10 / 24$ the new WKNG$1060^{\circ}$ Tallapoosa, GA is in full swing, w/CNM \& "iang Country" slogan - puts in a good signal here. lots of veries in this month: v/q-WINN- 1240 , WCOX-1540. v/1-WVOT-1420, WTNS-1560, W:TA-1380. V/PF/C-WICC-1460 (for '76 TESTI), WJAL-1050 (WJXY now) \& WBAF-1090. See ya. 73s

STETAEN H. PONDER - Box 22635 - Fort Worth, TX - 76122
Hello again from Fort worth! This is my first Musing of the new season \& I hope that all has been well with the other NRC members since last season. Here are ny latest: $10 / 15-$ XESM-1580, XEAE-1600, KOY-550. 10/16- KRKE-610, YNX-750, KNET-1450, CAGEN-720, XERPN-6 50 . $10 / 17-K B O R-1600$, XEACH-1590, XEVUC-1530, XEXF-1140, XEOY-1000. 10/23- XIEOR 1390, WMPL- 720 (on $\mathrm{f} / \mathrm{c}$ ). Totals now are at $338 \mathrm{TDH}, 275 \mathrm{TDV}, 48 \mathrm{TFH}, 12 \mathrm{TFV}$. Latest ver1es are: V/1- KXRR-1490, KOGT-1600, XGEP-1060, KCOH-1430, KZIP-1310. KNET-1450. V/q- XEG1050, ZNS $1-1540$. V/ u- K30X-1480, XLROK-800, KRYS-1360, WRBC-130, KFMJ-1050, KPBC-1040, KAGH 800, KEND-1590, KZEE-1220, KULF-790, KSET-1230, KDSX-950, WEMP-1250, WTTI-1530, KSTV-1510 KGTN-1530, NDGY-1130. 4 was given a TRF for my birthday by my parents - 90 far I have reall been uing it,

WARREN M. POWIS - 7011 Haycock Road - Falls Church, VA - 22043
I thought I had a real good catch of ZQI-720, Kingston, Jamaica on 10/18 when I heard political speeches in EE with frequent mentions of Jamaica. I became suspicious when "revolution" "socialism" and "third world" were quoted, and checked out 600k. Yes, it aha. It appears that the regular 590 Cuban has gone. Reports sent to KqV-1410, WWVA-1170. WHAM-1180, WGAR-1220, KYW-1060, WTR-760, WAEN-1590-TEST, WCAZ-990 ( $\mathrm{f} / \mathrm{c}$ ), WH00-990 ( $\mathrm{f} / \mathrm{c}$ ). WIII
 WRC-980. Veries received from WPDX-750, KQV-1410, WHMM-1180, WJR-760, wH1D0-990, KIW-1060. WCAZ-990, WHHH-1440, WDPV-540 \& WGY-810. Verie total is now 263. 73s, good DX, and a Happy Thanksgiving to all.
W. ELMER GIT'TINGS - 583 Drymen Cres. - Mississauga, ON - L5G 2NG

Well I finally got up enough nerve to write my first Muse: may I introduce myself? I'm 51 and finally realised a lifelong desire - DXing the air waves. In august '76 I bought an FRG-7 and put up a 30 meter w that's 90 feet - we've gone metric in Canada and near crazy trying to switch). I couldn't get very close to the locals so I finally bought an SM-2 in Auril '77. Now I have logged 106 of the channels. I still must get 1240 and it took until $10 / 23$ when out of the blue came WNIA on 1230 . To date I have logged 155 stations and taped 127 IDs which isn't bad considering I live right in the middle of XRland for Toronto, to wit: CKEY ten miles, 10 kw ; kNH , 50 kw ; OHIC ten miles, 5 kw ; GFM four miles, 50 kw, also with 13 with , per and the only rest is from CJMR $\&$ CHIN, both daytimers. I do not send for veries, but inper and try and tape IDs. I have tried iM $\%$ it is fun until the sun comes up, then - ah well, that's tie price you pay. On my last MM I logged iKIS 740 Orlando, FL, that's 1.664 km away (oops - 1040 miles) and KMMG, also 740. The distance is GCR worked out by using my trusty calculator and Easy D: Calculations, by de Ghoti ph.DX I'n still learning many things about
 closin $\mathrm{m}_{\mathrm{B}}$ may I thank everyone tho contrioutes to DX NENS, I've learned much fromit. (Hi, Elmer, and WELCOME to Yusin's - see how easy it was? Please nuse oftent -ERC)
CONE ON, YOU $97^{\circ}$ SILENT $\therefore A J O R I T Y$ - GET I:ITO THE SWLNG OF ASIVGI PLEASE DOISLA SPACE AND LIST YOUR DX BY DATE A:D TIME AND TELL US SHAT YOU VE BEEi HEARIN: GECAUS: IT IS OF GREAT


LOUIS BUEHLER - 26a Marie Drive - St. Charles, m0 - 63301 314-724-7359
I guess it must be Muse time again or else why would I be sitting here at my typewriter trying to think of something intelligent and interesting to say? I guess we will have to settle for whatever we get, hi. Rich Eddy \& I got together with Walt Breville at Walt's new country estate on 10/23. We really didn't accomplish too much in the way of DXing but did have a good bull session, comparing veries, etc. Walt added a couple of new stations to his log but Rich \& I were more interested in watching Walt, he really concentrates when he DKer! Not too many new stations have been added here lately as I have still been most ly writing reports, mostly to easy stuff like clear channels, etc. I figured I
might as well get them out of the way first. $10 / 14-5: 42 a m$ I heard wHF-1270 on RS so has changed from $6 \mathrm{~s} / \mathrm{on}$. 10/15-7:16am WFNC-940 heard for the first time with ad for 0ld Fashioned Flea Market (you can't hardly find them old fashioned fleas any more) way $u / W M I X$ etc. $10 / 16$, I tried for WSFD-1280 TEST 3 but all I neard was a few possible TTs \& CH IDs, QRM from WGBR and an FFC among others wiped them out here. $10 / 17$ 12:42, WLSQ-950 heard with "Q-95" promo, first time heard since call change from WHMA. At 1 I tried for WXAP-860-TEST but if on they didn't make it through somebody with $O C$, presumably $C J B C$ \& XFMO. 10/18- 6:04am I caught. WPAL-730 w/ad for Dixie Furniture Store in the mess for SC \#7. 10/205:26am finally, wJBO-1150 on tape. 10/21-5:29am I caught wNXT-1260 s/on w/vocal SSB u/WNDE for OH \#27. 10/25 5:27am I finally got wHOT-1330 on tape. 10/27 5:37am, WBOK-1240 climbed up out of the mess w/TC, ID \& promo for a gospel singing group to add LA \#19 to the Log. 6:11, KGNR-1070 heard in the mess w/TC, ID, \& $\mathrm{c} / \mathrm{w}$ for TX $\mathrm{H}_{2} 2$. Veries in lately include KSIS-1050 reported last time as KCBw has been straightened out. A call to station established that KCBW is new FM call \& for some reason the wrong call was put on my verie; WBZ-1030, KRLD-1080, WDZ-1050, for some reason the Wrong call was put on my verie; WBZ-1030, KRLD-1080, WDZ-1050
WFAA-570, KCTA-1030, KFKU-1250, WCAU-1210, WTAD-930, WING-1410, KOTN-1490, WHAM1180, WHBF-1270, WFNG-940, WOW-590, WYZE-1480 (personal hand-written letter from CE, which was kind of unusual), WCFL-1000, WPAL-730, KFAL-900, WAEC-770 se WNOE-1060.

## J. D. BUEHLKRR - 4290 Monroe Street - Toledo, OH - 43606 419-472-0213

I'm a new nember of the NRC \& this is my first Musing, so an introduction first. I'm 25 years old and sell architectural door hardware for a living. I've been DXing seriously for about six months. Equipment includes a Radio Shack
TRF, PRG-7 and McKay-Dymek DA-5. I've heard 210 stations thus far. 10/24- SSS netted KFDF-1580 s/off, inmediately folo by KNIM-1580 s/off, being the most recent additions. Time now to get back to the controls. Till next, 73 s . (Welcome, J.D.: We hope you will become a regular in these pages, and by the way - are you related to the gentleman above? -ERC)

MIKE HEPPE - Box 7 - Houston, YS - 38851
I went to the Memphis Hamfest Oct. 1 \& 2. Just by oddity I almost had a wreck with a good friend going to the same place. We haven't met for about a year. He is going to help me set up a teletype listening monitor. The first day was hot \& the second day, we almost froze out "legs" off. You could definitely make a bundle selling Goodwill sweaters! There was an outdoor flea market. I came home with a carload of junk. I got a Motorola Conalrad RX, actually a crystal controlled BCB RX. It was tuned for $1240,640,950,1320,1360$. It has an alarm system for emergency use, volume control for local listening. Well, it's pretty nice. Plus, other junk. I would like to know some info about the following radio equipment: $G C-100049$ Hallamore RF amp. Maybe some of the Anahein Cal. bunch can help me. The Hallamore people are from there. BC-639-A ( $100 \mathrm{mc}-156 \mathrm{mc}$ ), what power hookup, how mach, \& speaker hookup. BC- 1000 field pak - who \& frequency, how many volts, speaker hookup. I need info desperately. I want to fire up the old equipment and see what happens. Oh yeah, back to the Hamfest. Inside was new equipment displays and sales. I met the owner of Palomar Electronics and he is working on a BCB loop and other goodies, for BCB \& IW stuff. Is there any list made up that carries the station with the CBS Radio Mystery Theatre? I absolutely enjoy them
if I'm not doing anything. Now on the 900 , I can listen to Atlanta, Detroit, New Orleans, St. Louis \& Cuba anytime, day or night. That antenna is absolutely
amazing! I can also tell who's television is on, too. Lrat. I tried it out yesterday to see if I can distinguish whose TV set is on. One neighbor put $X$ amount or someone to teach me how to ID SS stations. If the U. of Manitoba DX Club (cont)
(Heppe) has any of those tapes left, please let me know, I want one of them. Fri. 10/7, 10 pm , I got two SSes on 640. I know one is Cuba $\&$ the other I don't know. Please help. It wasn'l KFI.

MIKE TUGGLE - 909 Moores Mill Road - Bel Air, MD - 21014
One interesting logging on the crystal set recently: CKCY-920 in Sault Ste. Marie, 12:10-12:19am on 10/24, report sent. Speaking of reports, I have had reports out to WHLO-640 and CJCH-920 for what seems like an eternity ho these stations verify? An even more interesting non-logging 10/25: I had the crystal set tuned in to some religion circa 1260 around $10: 45 \mathrm{pm}$. As ID time approached, the signal faded into oblivion (don't they always?), so I put a small pocket radio onto it \& caught the ID "R. Paradise" (St. Kitts-1265)! Well, if they're brought in on a regular radio I don't count 'em but now the hook is set \& I hope to land this one before the season's over. Thanks for the card from the "unID" in Jacksonville, FL (signed HQ $160-S M-2$ L.W.) who raises the question as to what is the preferred receiving direction for an IW antenna. Several old references indicate that an inverted $L$ prefers to receive from the end to which the lead-in is attached. I've found this to be somewhat true in my own experience. The directional preference is only marginal, but noticable - probably because antenna length is but a small farction (about one-tenth) of the reasonant wavelength. Anyone else have opinions/info on the subject? Best 73 s to all.

ARNIM LITTEK - 24 Rusholme Park Cres - Toronto, ON - M6J $2 C 9$
Two muses in one month, I must be ill: Too bad there's no $D X$ to report. However, 10/16-19 was CCBA (Central Canada Broadcasters Association) report. However, $10 / 16-19$ was CBA staff was there. (Who was minding the store, Arnim? -ERC) Sunday afternoon was the first half of a digital seminar and manufacturers' equipment displays opened at 5pm. Studer Revox displayed some super stuff, including a top-of-the-line FM tuner. Now why can't somebody build an AM tuner like that? Monday morning was CCBA official opening with schmaltzy speeches and suchlike. Just before lunch, Conestoga College (Kitchener) made a presentation about a new proposed broadcast tech inter lunch was the second half of the digital seminar. And (ugh, j just couldn'ter equipment displays. Tuse hi) Ar Moper from (ugh, I just couldn't stomach those tape machines, hi) Arno Meyer from Belar Elec tronics presented a paper on AM Stereo, citing results from the FCC on WGMS-570, WET-1110 and WTOP-1500. He went so far as to say that he thought AM stereo wout morning was by Hal Propet morning was by hal proppe of lightning bhowed alides of some the all sorts of fixed. Th the afternoon a paper on transmitters "Sideband Tnerg in AM Transfixed. In the arternoon, a paper on transmitters "Sideband Energy in AM Transmission", by W.D. Fitchell of Continental Electronics of Texas. The next paper, and the best in my opinion, had to be shortened due to time limitations. It was uation was a major market had moved into a null since construction of the array, uation was a major market had moved into a null since construction of the array,
and DOC limitations didn't permit another tower. So Mr. Jones has proposed to the DOC the construction of a 50 watt retransmitter for this nulled area. As I said, too bad it was cut short. Wednesday AM was a tour of CN Tower transmitter facilities (countless FM \& TV stations) but I missed it due to illness. Maybe next Muse I'll have some DX to report. 73 s .

RON MUSCO - BOX 118 - Poquonock, CT - 06064
This Connecticut DXer checks in with prodding from ERC. My excuse is six days a week at work with travel to the SW part of the state a couple of times a week towork on an Auto-Pilot for a Silorsky helicopter. This has been the worst DX season for me in seven years, with not many new ones heard and veries few and far between. The KLUC-1140 TESTs are still on for MMs. I called the PD suggestfar between. The Kowheresville. "Broadcasting" shows he has a CP to move to North ing Sun. and got nowheresville. "broadcasting" shows he has a CP to move to Nort Las Vegas and go -2 , Kove info: The KHVH-1040 and KPOI-1380 still hope for us Back East needing him. Nore info: The KHVH-1040 and KPOI-1380 situation in DX NENS is all serewed
up. KHVH goes to 990 and KPGI goes to 1040 , per Broadcasting, again. DX: $10 / 10$ Kp. KHVH goes to $9,1530 \mathrm{f} / \mathrm{c}$ heard with WTTI ET $1: 13-1: 19$, per Broadcasting, again. DX: $10 / 10$ KNBI-1530 $1 / \mathrm{c}$ heard with HTTI ET 1:13-1:19 s/off for a newie. NOIC-1320 Columbia SC weak W/WVOJ and no spots for a tough report - I have him on tape with iDs so State of New York. $10 / 17$, I noted $\mathrm{wHSC}-1450 \mathrm{w} / \mathrm{f} / \mathrm{c} \& 1 \mathrm{am}$, WK $\mathrm{HP}-1320 \mathrm{w} / \mathrm{ET}$ (cont)
(Musco) \& 1:40, WAVZ-1300 w/ET © 1:45am, and the oldie rr on 1270 was local WSPH $1: 50$ Ma . UCu-1150 was testing with tones © 2 am ID time. 10/2L- 1403-Guinea in very loud $\mathrm{w} / \mathrm{i}:=1: 45$ to $2: 10 \mathrm{am} \&$ WANT-970 conducting an $\mathrm{f} / \mathrm{C} 5: 25$ to $5: 333 \mathrm{sin}$ end. WPRD-810 with
 sent. Luxembourg-1439 noted strong in EEE $7: 35-\mathrm{Bpm}$ V/1- KNBI, with lotsa reports out and no veries in - others note the same? Otherness - who is the CBC English Canadian who signs off every night on 1240 12:03am with $U$ Canada? I've got bits and pieces on this one but he's never up at ID time. A real pest on 1240 is WSKI, Montpelier, 1 who does the Mickey Mouse theme 11:29pm, then NX, then s/off 11:37pt every night.

 $10 / 24-2$ 2FB-1- 960 all alone on Principe, 0 3:32am. Recent veries are WILA-1580, WPIK-730, HFBC-1330, CHIC-790. MA 10/24, I got good logs on WEAT-850, CHWO-1250 ( 30 ul Canacian), WhiJZ-620, to have out 14 reports in the last 30 days. I have about four nighttime French Canadians I should go after like CKIM, CBF and like that. I have only $40 \%$ of my stations heard verified so I'm gonna try to work on that percentage. The only other news is negative - where are the tars. Or, is it just ny new location is not conducive to good reception? How about it, RRC, how's the TA's been up on the cape so fars CTC somethin from here for now, I hope next MM is a goodie. Every time Erl sched. I guess I'll be recomes up here. I've got a wedding of one
porting regularly from now on. C U N .

Cherloe Forris to hoed the FCC; Brown aleo nominated.
Charies D. Ferris, counsel to House speaker Thomas P. ONein, has
Charies D. Ferris, counsel to House speaker homas P. Tip" ONeill, has Commission, confrming an earlier report (Electronics Sept. 15. p. 55). Ferris will succeed Richard E. Wiley, who is resigning.
Carter also nominated Washington lawyer Tyrone E Brown to the FCC's so-called "minority seat." vacant since Benjarmin L. Hooks left to becorne
dtrector of the National Association for the Advancement of Colored People. orrectror therm will expire June 30,1984 . Brown will complete
in 1979 is oxpected to be renominated for a full seven years

## OT Reaffirms Stand on Power Leve <br> for Clear Channel Radio Stations

The Commerce Department's Office of TelecommunicaThe Commerce Departuents Of ice ornd that raising the
tions has reaffirmed to the FCC its ste
power level allowed "clear channel" standard bmadcas radio stations "may result in harm to other radie signals." or replied to comments filed last November in behalf of the Clcar Channel Broadcasting Service, given an AM frequency for exclusive use between sun set and sunrise.
CCBS, responding to OT comments filed in June of 1976, had suggested that increasing allowable powe levels "would not adversely aftect other signals.
In its 1976 filing, OT said that radio signals generated at a power level as low as 500,000 watts "have been observed" to produce cross-modulal.
fading effects of other radio signals.
In answer to CCBS's charge that the cross-modulation phenomenon "was not a bar to the authorization of higher power for clear channel stations" hased on guidelines developed by the intemational Radion
sultative Committee, of noted that the guidelines wer based on interim recommendations, and said th guidelines did not take into account recent studies "in may be produced than previously thonght. Most important of all. the Service's comment did' not explore the possibility that higher-powered dear channel station pay

2RIC FADER - 23-35 3:11 soulevard - Bayside, NY - 11360
Greetinss. 1J/15, unIJ-800 w, Nizht Train" show, rr $\dot{\text { a }}$ oldies, 3:05-3:18am tune
 aere around $1 \mathrm{w} / \mathrm{NA}$. $10 / 17-\mathrm{NX}$ NX on 1380 6:04m likely unn NSYV-VT. WDJL-1530 finally neard $\quad$ o:07, poor fadey signal $x / \% \mathrm{x}$. Fien suddenly very strong \& clear w/s off e $6: 15$. 10Jw this way to protect inTHE-1520. Unn NHYI- $960 \mathrm{w} / \mathrm{s} /$ off 6.29 to me, they must put about NX to 6:35, an indicator for me of ood SSS CX programming - sounded like some kind of Slavic languaze - not GG, II or - some really strange yuage, what is this: All the rusings about calibrating receivers and adding thing to lan nay have hit me in a small way. Uy only RX is a TRF which I never bothered things to rige nit inprovement-wise, but maybe I will in the future. The problem is I con't Do anything any more the past two years, so it might not be worth the effort even to fix py tired SM-2 (battery model. Jerry iveves). A couple of wires are loose in there somewhere. Is stering for Canadian graveyarders made me think of this again: :Thy don't some of you get familiar fith Canadian musici If you're an rr type, listen to CXIw or some other station like that for a few hours. Then, if youre listening on a freauency where there's a Canadian by the stuff the cind makes thom ptay $30 \%$ of the time. That's confusingly put, so here's an example: I ne 3 CKSL-1410, a messy channel here with WHOP NX \& between three to five mx stations around at any particular tive. If I hear a song by April Wine, Trooper, or Patsy Gallant, to name a fers, I know the onds are good that it's a Canadian station playing these artists. So I might stick around a little longer on the frequency than I nomaliy would, hoping to catch that CKSL ID. (Of course in thes case it's probably only CFMB-PA, but you get the idea). Not a rev-

LIIDA 3RC3iNY - 245-15 149 Avenue - Rosedale, iry - 111422 212-723-4456(before 10 pm ELT). Jing and rather My extended absence from these pages has been due mainly to a lack of time for ited that I've decided to sell my R-388 and my Vid try. In fact, my time has become so limin either or both please contact me. Due to the size and weight of the R-388 local pickup or delivery within a reasonable area is preferred. The 388 is $\overline{0} 0$ ing for $\$ 325$ and the PRD $3 \lambda$ for p 75 + shipping. After a visit from Bob \& Kathy Foxworth last weekend, I went out looking for a Realistic TRF. Bob showed me his and mentioned that availability was becoming limited, so a fe had one in stock and quoted me a price of $\$ 24.95$ so I grabbed it on the spot. I didn't $t$ for lower than is a fantastic little RX. price, a practice not uncommon at some franchise stores. It truly ID. Then R. Vision W/ID, TX \& mX on 950 © $9: 30$ pard When I turned it on was CFNB- 550 with an 1540 a $10 \mathrm{w} / \mathrm{ID}$, NX $\&$ iuick fade $\mathrm{u} / \mathrm{NPTR}$. This was first time heard here. along with R. Bahamas $1390 \&$ on 10123 NAMY-1580 7: $7: 05 \mathrm{pm}$. Frequency readout isn't too crowded at the upper end of dial. Nulling is readout isn't too oad although it geta a littla difference and external antenna connection is useless as far as I can tell. Also heard wer solits on 725,1265 and 545 but these are regulars here normally. I am really foing to mics R R 88 but I ho more time and $\$ \$$. I might buy another Collins or Hammarlund.
RUSS EIMUNDS - 50x 127-Boonton, NJ - 07005
thanks to our new son, Jonathan, borm inactivity has been the rule here the past month, mostly hanks to our new son, Jonathan, born 9/25, in so doins, missing our anniversary by two weeks. clude some rather frequent job-hunting to speak of since about $9 / 23$, hi. Other activities in ait me to nake a decent living from my business, a thout that the economy is not going to peranent. So, I am looking for something in editing/writing public relation/photogrong porn of the above, hi. I have a load of contacts to follow up on a so that too contributes to no DX. A short note here to announce that the Samuel Paley Library of Temple University in Philadelphia, now has a partial collection on DX NENS in their Contemcorary culture collection. They have all of Volunes $41,42,43, \& 44$, and are on the mailing ist for subsequent issues. They have a partial collection from Volumes $36-40$. The issues reques ted by me from time to time in DX NENS were, and still are, for them. inyone knowin long-tine membe: who has leit the hoby for one reason or another might want to try to obtain ny back issues he may hove from that era and advise me, so that we can complete their collect on. Li:cewise, any donations, bequests, deferred bequests of these or older issues to Temple解 is needed oy then. ill ultimately be available throuth a reference. Thus, one wouldassume that Xerox copies

R:Y ARRNDA - 47 Burt Street - Acushnet, YA - 02243
I have been listening on M.s only tice away. I tried for some recont TESTs and here house" glus work sked has taken some DX XAP-850 and aYZE-1480 both not neard, and nSFJ-1230 tentative :ith alnost continuoas TI only $\because$ th few breaks. fio veries yet and just a few reports out since 10/1. so other DX of real importance. Shances are very ood that I'll we in Frovircetown on $11 / 26$. 73 . (Svell! -zic)

JIM dallace - 4719 East 3road Street - AOt. D - initehall, Of - 43213 Greetings. It's ood to be into another 2. season. Last year I lo jed over 250 I hope I can keep up that pace this yar. It's a00ut time I jave Eic a little

 1380. So far, for the gast 15 minut s, ieis $b$ ur. playing with the $\pi m$ but hasn't jielded an ID. So I figured since I already had the typewriter out I sho 21 do something constructive with it. Before Convention talk gets too out-of-date. I oul: like to syy I enjoyed nueting quite a fow of you in Indianapolis. It was nice that they unlocked Ted Fleischaker for a week end. I very much enjoyed meeting ERC after reading his work all these years. It was worth the trip to Indy just to see all his Ohio veries. He has four times as many as I me is that I Ohio's my home state. I guess that should be inspirational. The big news with me is that I
have found a new job in radio. I've been working for WSIX (FN) in London, Ohio, for about a month. It's programming isn't very good, but it's giving me a lot of flexibility. Plus, I have Mondays \& Tuesdays off which is great for a DXer. If any of you FM D.ers pick up NSXX some time, send a report to me $z$ I'll make sure you get a verie. But address it to me personally, because much mail gets tossed out quicikly there. I'll probably move to the West side of Columbus to be closer to work, but that mizht take a while. A recent v/l from $2 H I C-1520$. Hardinsburg, KY said the FCC granted them a CP for $1,000 \mathrm{w}$ and that they'll be testing it soon. I sent them a CPC request. I hope I can pas back some of the CPCers who have arranjed TESTs that have fattened my log. It looks like it's roing to be a jood season, hooray, hooray.
THRODORE D. LANGLET - 61 WZllow Street - Pleasantville, NY - 10570
Since my first Muse was in $1 / 24 / 77$ (Vol. 44, \#12) I won't re-intro, but I will reiterate that my dictionary tells me that to muse is to ponder, reflect, ruminate. And speaking of ruminating, it's time to moose, moose, or, that is. I mean, muse. Since I have nothing spectacular to report. Iust throw it out. Jut is this related to D:Ing? I think so, since it ives a chance of pace and opinions. For examile, after using several ixes such as SX43. EC348, GR-78, I have have an HQ189AC (through Dichinge) and Zenith T-0 (from Steve 50hac) But I have discovered that at present my main interest in Diang is trying jifferent RXes, in cluding my daughter's TRF. I enjoy working with the hardward andwith antennas. Nould you believe, therefore, thrat I will soon list my beautifully clean H2180AC in DYchange? Would you believe that I am sot-rodding the Zonith T-O and my next project is an itwater-Kent model 209 Would you believe my latest hit-rod was a Sony sortable Ai:-FM, bourght cracked-up and dirty at a garage sale for $\$ 2.25$, (It's almost as zood as my 12 year old daughter's iRF, ex ept the frequency readout is tery
gruce A. CONTI - 39 Bayberry Drive - 'Nest Warwick, II - 02893
Sorry I haven't been Musing, but I've been very busy. 'I've moved from RI 3 'm temporarily living in Glen Cove, NY. By way of Northeastern University Co-Op, I'm working 3 an assistant engineering technician at Photocircuits in ilen Cove. However, my mailing ad dress stays the same in RI . The new job is great, and $\mathrm{DX}_{\mathrm{X}}$ is getting better as winter closes in. In RI, my latest veries are from WNDR, WEEI \& KNiS. I've now heard 381 stations in RI in th WCDQ, WOSU, CKSO, CHIC, WA'R, WMLS, WIXY, WCRV, $\because A D S, ~ 3, ~ Z R: G$ as the latest entries in my log. (MT of Sel Air, take heart, I haven't heard KFI yet either)! In Glen Cove, I've heare 107 stations so far includins GKLN, WGY, WIIK, WTRY, NEL, WCFL, WJJD, WFEA, WRON, WEAT, 'NACE, JPRO, WJAR, CKSM, CKCN, NSAR, UTAE, CKRS, WGR, WBSM, NLAC, WSB, MEX, WHLO, CJRS, $\frac{8}{}$ CFTR just to name a few. Most of the DX down here in sY seems to be about the same as in RI (the pira
 shore, most of the stations I've heard are from NI \& CI.
 Nould like to meet everyone. I'll be Musing again next weel. Until thon, as they may say in Nashua, NH, "WOTW"-900 - Winter's On The Way." Byel (Sure there's room, 3ruce, \& it'll be a pleasure to meet youl -ERC)

DAVID M. :IILHIAMS - 305 Lindsley Drive \#1M - Zorristown, NJ - 07960 201-538-0131 Well, this is my second Muse, and I hope tiat at least more than one person is reading them. For any of you who saw my first tusing, jo. "ight recall that at the end of it the distinguished Mr. Cooper told me to say helo tin Mor? dotilils, however. I did arrange


 the -ist, nd waty me. 3030 X has been terrible here the last fe: days, with very quiet
 sunsets. MM 10/23, only two newies were hat time, ith no new states heard. I am planning to 6:00. Totals are no: 737, ur 23 from ast thene, I nope itill bo zun. Ajain, any cor-

PLEASE REMEMBE TU THANK THE STATIONS PUTING O: TESTS FOR ITAEA YRC O? IMCA FOA DOINO SO, SO THAT THEY KNO' $\because E$ a

It was "Ici Paris", Frroe, 919 , rebroadcasting the gamel I was one 1 crickei game. dLAS DYers that ni-ht in 1 was one of many disapoointed LS-2 '34; LR-1 '30; and Dolivia's, Prance was a good catch. How about argentinals LR-5 and or Uruguay's C.-26 in '34, or Guatemala's TG4; Brazil's PRF-3 in '37; or Cuba "Liberte" 665 . many others went off the air so they might be heard. Aftere stations were neard because my vilfe, I would, at an early hour. I don't remember the time, hearing France, to the dismay of Marseillaise" and "Ici Paris" (910), then room, UABC-860 time, dash to the radio to hear "La the end. This went on acout two weeks. I was then an NNRC Wember and sign on; that was "Radio's Richest Voice". ihat a beautiful tone until an expert replaced the a Spartan radio. END! Talk about broac tuningl rinen 860 kills 910 , you export replaced the speaker conel a cage antenna, made in th embroidery hoops. Sure enough, a severe winter storm blew it down and it scraped to and fro on the roof. No one could sleep. Did I freeze you-know-what it still nave the radio and w:s I proud :hen a photo showed Presidential candidate Alr Landon had the same radiol Joy do I zo back! jefore I married, we had a brunswick radio and the dor er damage. You should have seen the dog of trickle charge which blew up one night. ilo othsiartan S ..i. convorter to use with my Spartetour around that radio from then on! I bought a cer complained I was knocking the cans off his shelves! when "ЭiE Ben" boomed the corner gro but two 250 's in the audio packed a wallop. It too wasn't quite that bad. days the band eaded at $1500 \mathrm{kc} / \mathrm{s}$. who remmbers $\mathrm{W} 2 \mathrm{XBV}-1440$, the yust trice. In those
 VEOEK-1185, webeo, and 10-32-1200, Cntario? I wish I could have had my Hammarlund in thos days but as a struggling newlywed I had to drop ry DXing for a love had my hammarlund in those hearing through the NRC that thee station I was hearing was Dakar, in Africal I couldnlt Leve it. The first radio I heard was one made by one of my friends from an I coatmand box betc. As the commercial says it, "Nis come a long wayl" PS - I left out the fact thet I heard the "Graf Leppelin" twice!
NEXT IEEK WE TURN AGAIN TD TYAT URRRY シASTER MOTHBALL MEMORY MAN, MON MILLER - OOPS - THAT IS,


ERRIE COCPER - 5 Anthony Street - Provincetown, MA - 02657
617-487-9337
aCQ-1150 v/f, and wSFD-1280, Capital-1546 (London, England) from a tentative roport, and been a tremendous DX week, so here tis: $10 / 24$, PM - I finally to Jumbo-545, which was super-gung-ho tonight, after reading they might be on the financial rocks. 10/25- R. Musical-1083, giving TITc some Latin-flavor background ux this MM, 1:13-2:06. I noted unn R. Rumbos-570 on top as AU CX were setting in. 10/26. My FF-spoaker on 1043A in this evening with things Auroral, so they must be somewhere around the Equator, like in Africa, mayhap. They were in 6:10-7:10pm with strong signal. 10/28- Wow, R. Capital-710, in dracas, 1OPFING: NOR here ? reported, $1: 34-2: 073$ on, did you hear 'em, Rick Shaftan, hil 4 NMr,$F t$. No sign of regular infop with the $A U$ above us, and the channel belonged to needancied, I spent the last a rocker, 15 minutes report sent. SM 10/30, another Super-dU M. as EDT 1147-1:03 spoff (SDT; ETT, hi; An SS bothering "R. 15-50, Voz Porteñan, Bogota, on 1550 assed this one up in ravor of a stil more exotic catch, and so help Fabulosa ofton, but I found a good simnal from an SS almost alone on tic catch, and so help me, this is TRUE - I Thess : Zurphy's Law doesn't apjly on Sundays, hi, as the ID rans 1240 channel and held on, and I 4. 2:01 they said, "Muy buenas noches, GUATMALAl" and so an excited ve - R. Sensacion, and report to TGK, Guatemala City! MM 10/31, and the coblins were playing in the or got off a still, and more "Fabulosa" Day-Eckisl on 1300 and all alone most of the whole Mis "Ia de las Antillas", HJOG, in Cartagena, and reported, natch. They'ralisted 1 iW , so you Voz appreciate how zestful was the Aurora. On 1280, another healthy sional from $R$. Metropole. in Port-au-Prince, in SS as last year, with Dominican Republic style mX, and reported again, this time in FF-last yea- I sent it in in SS - nothing. Chere was an unID SS in the 1340 graveon 1440 inin 15 minutes Neird: Hos, two unID LAs - they must have s/on around 4 - on 1474 an, and 1483 no in its calll 'em again on $11 / 13$ with the AU sitill there, so were they, on 1474 a , and 1483 a . So, we tried and a loudie topping 1480 which was definitely NOT WJIT-NY, but other SSes on 1455 a , 1463 a , used EST, so it must be a colombian, but nothing like that in wrTH - the ID was frequent and plain $k$ is on tave, hi. Foxy! In adiston, there were two more unid SSes noted in thent and area, on 1455a, and 14743-I think this one is $4 V A A$ in laiti, for 'twas FF I heard today, a religious service like maybe a Nass circa 4:10am. (It was Ali Saints' Day). © UN 7 .
 YOCK to 6 .J.m. PIEASE LST YOUR EDITOR KHON IF YOU ARE CONING, AIID WS'D LIKE TO ASK EACH ONE -NES TOCN


$$
\text { CISE, AD INEIMTV: AND NAUSEM, HI. SEE YOU ON } 11 / 16 \text {, I HOPE! -ERC }
$$

A - Pon Schiller - Jon Davis $\begin{array}{ll}550 & W \\ 560 & \mathrm{~K} \\ 580 & W \\ 60 & \mathrm{~W} \\ 610 & W \\ 630 & \mathrm{~W} \\ 680 & \mathrm{~W} \\ 710 & \mathrm{~W} \\ 730 & \mathrm{~K} \\ 740 & W \\ 750 & \mathrm{~K} \\ 800 & W \\ 870 & \\ 880 & K \\ 890 & \\ 900 & \end{array}$ $\begin{array}{ll}\text { WGR } & \text { Harold O. Higgins } \\ \text { KLVL } 1 & \text { Steve Sandin }\end{array}$
 80 WC WKJB $p$ $\begin{array}{ll}\text { WKJB } p & J \\ \text { KREL: } \\ \text { WMNA } & \text { R }\end{array}$ Steve Sandlin, CE
Al Kahn, P, CMM A1 Kahn, P, CM W. J. Marshner, Sr. Techn D John P. Bell Jr., GM Shirley Browning Shirley Browning, PD
Calvin A. Dren
J. Serrano, GM

R: C. Johnson, CE Iyle C. Motley, CE Steven Jay Vigneaux, CE Bill Consey, PD Tony Vaccaro, CE Joni Strickland, Trf D John D. Wilson, M R. J. Bitner, CE Don Amell, CE Jospph A. Dentici, CE chris Turner
Whilis Turner CJCJ $q$ CJCH q Walter Labucki, TSu 30 KWYS u Larry Binfet, SM
R. E. Woods, CE

## u/u

Ernest Harelson, CE
D. Cladín (3), CE

Jesse I. Sprouse
Bill Hooten, VP, CM
(James A. Brooker, OpM (Thomas H. Montgomery, CE WBEU 1 Fhamas Anderson, CE 960
970 KFWB I Arthur A. Moran Jr., M KTRN Im Richard Rudinan, CE KRKS lu Jack H. Pelon, CE

KSAN IU Philip Sonksen
WTGC 1 Joseph Anthony, GE CHUM q Lawrence H. Sherman, $P$ WIN fm Forest Beach Jr., CE KFII I Clifford Koch WIBC q Robert Brockway, CE CBA q Robert Beaulieu WKSP 1 Jerry smith, as KMOX q u/u

KXLR 1 John W. Hult, Op
KPUL Iu William Weed, GM
NJRD r Wayne Sims, GM
WRCQ f Dennis D. Valoney
1190
1220 KZEE m
1230 KERV 1 Daniel Walthers, CE WNOR I Fred MCCune, CE
1240 NBML $p$ Thomas Emory, PD
WSSV 1 Paul H. Bock Jr. CE
-V_E_R_I_E SI_G_N_E_R_S
Jack Faulk
G - Andy Ruge $\begin{array}{ll}\text { - Charles George } & \text { H - Dave Scinmidt } \\ \text { I - Ernie Cooper }\end{array}$

WE GET LETTERS (cont. from page 2)
posinders on two DX get-togethers. The venerable Ernie Cooper will host a Place, Frovincetown, Mass. **** November 26, Noon to $6 \mathrm{p} . \mathrm{m}$. at 5 Antha Sunday, November 20, $1 \mathrm{p} \cdot \mathrm{m}$. to evening, at Randy Searer will be held on Trieste, Chula Vista, Calif. 92011 . Phone is (714) call Randy in advance if you can attend, and (714) 422-3397. \$2.00 fee. CATALOGS which may be use
parts, radio tubes, wire, etc., according to Theorplus or new receivers,

- Colonel from the following: Corder listed is Theodore D. Langley, may be

Colonel Wayne D. Russell, 9410 Walhampton, is random)
$G$ \& G Electros Co. P.O. Box 1105,1016 E. Fureka St, KY 40222
The Ted Dames Co., 308 , $45-4$ ? Warren St. New York, NY 10007 , DH 45802 Columbia Electronics Inter
(catalog costs $\$ 5.00$ but many photos, etc.) North Hollywood, CA 91609
G.R. Whitehouse \& Co. Newbury photos, etc.)

ETCO, 464 McGill St., Montreal, Canada Amherst, NH 03031
Mouser Electronics, I1511 Woodside Ave. H2Y $2 H 2$
Circuit Specialists Co., Box 304?, Scottsdaleside, CA 92040

- Harrison Radio, 2265 Route 110 , Farmingdale, Long Island

KRP Junk Box, Box 872, Peabody, MA 01960 (send 50\&)
KRP Electronics Supermart, Inc., 219 Sunrise Hwy.
(send 25ष)
(send 256)
Chaney's Electronics. Conway, NH 03818 (send $25 \notin$ and SASE)
Cortland Radio, 1144 W. Broadway Lakewood, CO 80215
Hamtronics, 4033 Brownsvill Broadway, New York, NY
Barry Electronics, 512 Broadway, New York, PA 19047
Kolar, Inc., 4484 E. Tennessee St., Tuscon, AZ 85714
Thanks Theodore- Pat)

## CPC LETTEERHEADS Respon

was zilch. UnIess some interest is generated, last "We Get Letters" (Oct. IO) That's it...until nex will not print these,

Gat
TIGER


OFFTCIAL STATION LIST

## rom "The Wick", 0 HERB JEPKO NITECAP SHOW

, 1977, submitted by Dave Korinek, times are ELT 740 KTRH 0100-0530 Mon, thru Sat. Il60 KSL 0200-0700 Mon. thru Sat 920 WSEW 0000-0530 Tue. thru Sat. 1310 WRR 0100-0630 Mon. thru Fri. 970 WFLA 0000-0500 Mon. thru Fri. 1400 KTNT 0100-0800 Man. 1090 WFLA
$10000-0500$ Mon. thru Sat. 1450 WTNT 01000-0800 Mon. thru Sat. 0000-0500 Tue. thru Sat. 1480 KBEA 0000-0600 Mon. thru Sat. (0100-0600 Mon.) thru Sat.

## CONTESTS

## BOB WALKER

2220 WEST HIGHWAY 524 WESTPORT, KY. 40077

From the looks of things the first contest really went over good. Unfortunately, though, all of the contest entries haven't been received by myself yet, so final results for the first contest will have to be delayed for awhile.

By the time you read this you will be (if you've entered in the contests) getting ready for the Thanksgiving Contest. The dates for this contest will be

1800, NOVEMBER 23 until 0600 , NOVEMBER 28 (YOUR LOCAL TIME)
This is a "B" contest, so the winner will receive either a receiver or antenna manual.

There will be just a couple of changes in the contest this time and they are as follows:

A -- There will be no limit to the number of stations on each frequency as there was in the first contest. So an unlimited number is possible!
B -- And there will be no bonus this time. For a contest this short with an unlimited number of stations, I thought we'd experiment with no bonus.

Several people wondered about Eric and how he enjoyed the bonus situation on the last contest. I just want to add here my appreciation for his help with the last contest. If you reported for the contest to Eric, go ahead and support DDXD by reporting your non-contest entries--NRC is your club.

Any ideas or suggestions on the contest idea is appreciated and welcomed as NRC is your club and this is your contest!


## AFTER

WHAT COULD COMPARE?????????????????????
THE FIRST ANNUAL LADS HOIIDAY SEASON GET-TOGETHER!!!:
SATURDAY, DECEMBER 31ST...........END THE YEAR RIGHT:!!! 9200 WENDELI WAY....JEFFERSONTOWN (LOUISVILLE), KENTUCKY 9:00 A.M. TO MIDNIGHT . . . . . . . . . . . . . . . . . . . . COST IS $\$ 1.00$ AGENDA: TALKING, BRAGGING, MUNCHING, IMBIBING, DX'ING HOSTS: THE LADS (LOUISVILIE AREA DX'ERS)


PREPARATION OF
COPY FOR
be submitted contributions from all our members. Ideally, material should necessary we will explained below, but don't let this scare you off. If an electric typewriter helps, but is not material. Please keep in mind is the ITU Frequency Plan submitted by Dario Monferini excellent example Merriman, which appeared in the October 31 , 1

1. We use legal size paper ( $8 \frac{1}{2} \times 14$ ) Use of thisextra
2. We use legal size paper ( $8 \frac{1}{2} \times 14$ ). Use of this extra length paper permits you to type to the bottom of the page without "last line wobble" For thinting process is photo offset and it is a high contrast process. For this reason, light weight papers or erasable bond should not be used as they tend to absorb the typed material. 20 lb . white bond is used with good results.
3. In lieu of sending a master out to those wishing to submit articles, $3 / 4$, we ask that the 4 margins on the legal size paper do not exceed lo it is not necessary page you are typing on. The paper can be folded, so a large quantity of to use the larger size envelopes, unless you have

- 

3. Please keep in mind our printer's photo offset equipment has difficulty picking up light colors such as light blue, green or grays. The ine in the plate making copy.
4. Most of our copy is reduced to $62 \%$ of original size. Pica type (the larger type style) is preferred over the elite. Examples: This is PICA using a carbon ribbon; using a nylon ribbon. An elite nylon ribbon will look like this after reduction.
5. Corrections are best made with a liquid correction fluid, such as If using correction etc. Many newer machines offer correction ribbons. the correction until the fluid is totally dry. you cannot retype over
6. If you wish to draw a graph and have the background grid show up clearly, use graph paper with a dark grid, and tell us you want it to
show.
7. Last, but perhaps most important. Use a dark clear ribbon, and watch best by far. Even if you have an fill in. Carbon or film ribbons are have a certain amount of have an old machine with a cloth ribbon, you with and without a plastic sheet behind thession quality. Try working are called "typing plates" and are available in most office supply stores. Vary the strike pressure on the typewriter. Keep supply bons on hand. They dry out with time, and can be helped by keepin ribin the refirigerator to provide a moist environmert. If worst worst, an overly light ribbon is better than a dark one with fille characters.
(Part of the above from Russ Edmunds' notes)
