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"Beginning my 7th year in NRC and must say that the hobby has progressed tremendously in that time. The technical advances have helped greatly. Keep it up!"
(V. Cavaseno, N.Y.C.)

IN THIS LITTLE ISSUE...

- 1972 Frequency Check List - Joe Fela, et al.
- Latest NRC Domestic Log Updater - John Lombardo
- Understanding Station Procedures - Jerry Starr
- An Inexpensive Method of Frequency Measurement for DX'ers - Taylor & Edmunds
- Latest YV List - Cesar Objio
- Construction Permit List - Len Kruse

NEW MEMBERS THIS ISSUE...

- *R.R. Dodderidge, Bluemont, Va.
- *Chas. Wackerman, Randallstown, Md.
- *John Comstock, Waldron, Ind.
- *Curtis Riddick, Houston, Texas
- *Matt Edwards, Staten Island, NY
- *Lester Pickering, Rochester, Mi.



Welcome to the NRC, gentlemen, we hope to be reading of your DXploits often here in DX NEWS!

RENEWALS THIS WEEK...

Plunkett... Lewis... Mehan... Northup... Barton... Anderson... Bartos... Brown... Cronin... Eastman... Lewis... Lount... Soomre... Walsh...

CREDITS DEPARTMENT...

Publication crew for last week's issue: Cary & Lynne Pall, Mark Katz, Ray Moore, Randy Kane, Big George Kelley, Carter Scholz & Lovely Phyllis, Ruth and Diane Nelson. Composition crew this week: Big George, Cary Pall, GPN, and Randy Kane. Santa Glotz by Carter Scholz, of course... ⊗

THE MIND BOGGLES...

at the thought of a 60 page DX NEWS, but here it is... This is only the second 60 pager we have ever published; the first was about 4 years ago back in the bad old mimeo days; we collated that one for 3 days...

NOTES FROM HQ...

The special World Radio Handbook deal is now closed; some 60 NRC members took advantage of it and will be receiving the 1972 WRTVH shortly after the beginning of the year... A recent flyer from Gilfer Associates advises that they now stock the FBIS Log, published by the CIA; while this item is available directly through the Government Printing Office, Gilfer advises that ordering through Gilfer will "circumvent the 5-8 week delay in order processing through the U.S. Government Printing Office". Gilfer price is \$2.00 plus 50¢ postage and handling; this is only Part II, the Listing by Frequency of all LW, MW, and SW broadcast stations (excepting those in the NRC Domestic Log)... This week's DX NEWS held to 60 pages in spite of the fact that we had more than 90 pages of copy on hand; we checked on the possibility of an 80 pager but the printer found that his electric stapler couldn't take quite that many pages. We're mostly holding long articles and listings type things which won't go stale right away... During a very rare free evening recently we had a chance to make an interesting receiver comparison. Hal Robie brought over his new (used) but unmodified HQ-180; Hank Slade also brought along his HQ-180 which had recently been fitted with a mechanical filter (NRC-Kokusai type) by Tom Holmes. We connected both receivers to the same loop antenna and cross compared signals on a variety of LA and TA stations. There was a very noticeable improvement on the receiver with the MF; greatly reduced sideband splash from even channel stations and generally "cleaner" sounding audio. The bassy audio produced by the sideband clipping was quite apparent on some of the even channels though, especially for music and female announcers. Verdict: substantial improvement on splits with even a single mechanical filter but you may wish to include a provision for disabling the filter when you're not working the splits... Several members have enquired why we're not running more pages of pictures in DX NEWS since the Convention pix came out pretty well. The problem is that pix cost extra (roughly \$3.50 a page) and we're currently straining our budget to keep up with the incoming copy. But if any of the membership is hot on running some interesting pictures - particularly of equipment, loops, and the like - and is willing to donate the slight extra cost we'll be glad to run them. HQ underwrote the Convention pix to see how Copy Cop would do; while it would appear that we've finally got a printer who can handle the job, NRC Treasurer Tom Holmes has made very unpleasant noises when asked about supporting more pictures... Speaking of donations, we recently got a very interesting letter from Zbigniew Ogorek in Poland, one of Arctic Radio Club's top Central European reporters. In addition to his contributions to ARC which appear in our own IDXD, Zbigniew is most interested in MW propagation and plans to supply us with information regarding the reception of North American stations in Central Europe. He's very eager to join the NRC but, as he says, "it is impossible to send money from Poland. You know, this is connected with stupid communist regulations in that matter." Are any of our members willing to contribute something to pay for the postage so that Zbigniew might join the NRC? If the membership will cover the cost of postage for DX NEWS to Poland (\$17.00 a year), HQ will supply the bulletins. Anyone willing to help out an active DXer who wants to join the NRC but can't due to an accident of geography? If so, contact HQ... Mark Katz indicates that he's holding several reprint orders which he's been able to fill only partially because we're missing the masters of some of the articles. We made a Xerox run today to refill Mark's stock and expect to be mailing the orders out this week; we apologize for the delay but between going on weekly schedule and moving HQ ~~was~~ a bit behind on both reprints and new member kits... *GPN & BGK & CDP



DEUTSCHLANDFUNK !!

MUSINGS



David B. Green
408 East 2nd Street, Wausau, WI 54980

SPECIALS

		Kc/s	Watts	A.M., E.S.T.	Info:
Mon. Dec.	27	4 V E C	830	2:00 - 3:00	VDXA
	27	W K Y	930	3:00 -	NNRC
Mon. Jan.	3	K U P K	1050	2:00 - 2:30	NRC-r/c
	3	W D V L	1270	12:01 - 3:00	NRC
Fri. Jan.	21	W M B G	740	1:15 - 1:30	VDXA-r/c
Mon. Jan.	31	4 V E C	830	2:00 - 3:00	VDXA

Check also last DX NEWS' DX Calendar.

4 V E C - Send reports to 4VEC - B.P. 90, Cap Haitien, Haiti. We have no details on the nature of the program, but we would surmise it might consist of religious music, since 4VEC/4VEF are religious broadcasters. WCCO will be on, alas. Send either an IRC or Haiti stamps.

W K Y - 930 This undoubtedly is a part of WKY's regular schedule. We believe this program is for NNRC, although our note does not state, and is only signed "John". Address is WKY Radio - Box 14,668 - Oklahoma City, Oklahoma - 73114.

Be sure to tune Christmas Morning for late broadcasts from French Canada, and from Latin America - it's traditional for these stations to stay on late, first with midnight Mass, then with gay Christmas music and gala programming. Many a great catch has been made on 12/25 in years past! Note that WWVA-1170, normally AN, is silent Christmas AM after conclusion of Mass.

A clipping sent in by Joe Kureth lists these stations as Top 40, but gives no frequencies or locations: KABR LACY KAFY KAST KATA KBET KBTC KBYR KCPX KORA KIMS KELI KELK KEYN KFAR KGBS KHLO KHYT KICA KIGO KINT KIRL KISN KJOY KJR KJRB KINY KLBK KLEM KLID KLOU KMEL KMEN KMWX KNEW KNOE KNOX KNUZ KOIL KOZA KPOI KPUG KQEO KQWB KRGI KRIZ KRKT KTAP KTGR KTOH KUSA KUDI KUDL KWFR KYOL KYNA WABB WABI WAEX WAIR WAGM WAMS WASK WEBO WBCU WBIE WBLU WEMJ WBUD WCAR WCEM WCGR WCRO WCSI WCUE WCOM WDRC WERK WFLI WGH WGIG WGOE WGTO WHFM WHLN WLIBR WICB WIFE WILK WILK WISE WIST WIXY WIXZ WJMX WJRI WJTO WJVA WKBO WKBR WKEE WKLP WKXN WLNC WLOX WMEL WMEY WMVA WMVA WNCI WNDR WNIO WNOX WNRI WOCR WORC WORJ WPGC WPHM WPIX WQOK WQXE WRNC WSAR WSGV WTAB WTILB WTMA WTRG WISN WJLD CJOC CHAT Radio-610 Radio Fiji Commercial Radio- Hong Kong Rediffusion- Singapore. It lists these Golden Top 40 Stations: KBYR KCPX KELP KEWY KEZY KPIV KICA KIRL KLEO KPUR KQEO KQWB KRUX KSEL KTAC KUDL WHOI WRNO WTAC/KATR KGA KHOS KMAK KSEL KSOP KBBQ KTUF KUZZ KWJJ WEET WIL WKMF WTID These are "Golden Country" stations, above, after slash.

ANDREW ROBINS - 2724 Fleetwood Drive - Portage, Michigan - 49008
Hello! Being a new member an intro is in order. I am 15 & am presently a sophomore at Portage Northern H.S. where the homework is (usually) light which is nice DX-wise. My present location is good for several reasons, one of which being that our backyard will accept my 100' inverted dipole with room to spare. I have two RXes, an Allied 2682 and a Heath GR-78. The Allied & dipole combination has produced 122 stations to date & the number is growing. The past two or three weeks have been rather long on schoolwork & short on DX but after digging around in my log the following were discovered: 10/28+ CHML/XEW-900 fought it out in a seesaw fashion @ 10:10pm while WMC-790 @ 10:12 & KSD-550 @ 10:17 were heard w/MoR. An interesting note: For the past few months WSAI-1360 has been giving local KMI-1360 a hard time (big deal). A poor signal from CHYR-710 heard @ 6:05pm while CHEU-680 was logged @ 6:15, all of this on 10/30. Earlier in the day WTVB-1590 noted w/religion @ noon. 11/3 produced two welcome catches: WKYZ & WAAX -570 @ 11:50pm w/c/w & rr resp. 12/4 came up w/WTAE-1250 @ 6:30om @ WWRL-1600 @ 7:14. Reports sent to WWRL & KYEL. So long for now, I hope to be here often. 73s (We hope you get your hope, Andrew! Welcome to NRC & Musings! -ERC)

GEORGE B. SHERMAN - 104 Pinewood Circle - Rosemount, Minnesota - 55068
More DX! MM 13/15 shocked me as I clearly heard "R. One" ID from BBC-1214 @ 2:30. Unfortunately I had just gotten up & all other TAs were already in daylight. That's Country #30. WUCR-860 Tenn. did ET/c/w @ 3:10 o/KONO; HJDK-750 mentioning Caracol @ 3:33; WBBF-950 N.Y. NSPing w/rr @ 4:20, a future pest, no doubt; YVNN-940 @ 5:10 mentioning "Rumbos" net & lotsa chimes, good w/KHOS nulled; WMAZ-940 Ga. s/on-SSB @ 5:30 as KIOA was off for a change. Local c/w WMIN-1400 dropped AN! The jumble is hopeless, though. MM 11/22 only found CFPR-680 Ont. o/QRM @ 5 & XEABC-760 w/ID @ 10pm. 11/24 brought WESY-1580 Miss. w/Soul till s/off @ 6 o/QRM after weeks of trying. 11/25- I got up for r/c of WJFC-1480 Tenn. & heard it 1-1:05 s/off although they should've been on till 1:15. 11/26- I had really great reception of KGVJ-1400 Tex. f/c @ 1:30, thanks to local WMIN for no more AN. During SSS I discovered 1420 CAN be DXed w/KTOE nulled as I heard WTCR-Ky. w/c/w & Ky. Fried Chicken spot @ 4:55pm, good signal. Then KRWC-1360, Buffalo, Minn. new 500 D-1 noted on theair for first time @ 5pm o/WSAI. 11/27- TGHB-760 w/"Super-Radio" ID good o/QRM. Fantastic is best description of SM 11/28! WFSO-570 Fla. @ 6:30am s/on w/500w PSP, fair, w/no QRM. WKIS-740 Fla. fair o/QRM @ 6:50; KWYK-960 N.M. really thrilling s/pn-SSB & into Indian language @ 8 s/on, 444w PSP, good w/no QRM; TIWA-575 w/"R. Musical" ID @ 9:55pm fair u/QRM (static). MM 11/29- WLAQ-1410 Ga. came in clearly @ 5am s/on-SSB, no sign of WING until I rechecked five minutes later. Is WING off MMs now? WANS-1280 S.C. w/rr @ 5:15, a jingle, then into Freedom Talk - Lifeline HLH thing; fair o/u QRM. 12/4, my only December DX. WDOC-1310 Ky. @ 4:45am on r/c-IT. Merry Christmas & H.N.Y.!

HARRY HELMS - 115 West LeRoy Street - Fort Mill, South Carolina - 29715
Hello everyone. I have a radio that picks up distant stations.
Proof: 11/11 PM: WVOJ-1320 on top @ 5:30, IX, & into c/w. A loop turn revealed WENN-1320 w/ads & jingles, no mx, until 5:45 s/off, no SSB. Seconds later, KR1W -1320, Walnut Ridge, Ark. was on top w/local ads, ID, bit soon lost to mess. 11/12 AM: WTKN-1320 in well @ 7, ID jingles, rr. WBIM-1330 ending NX @ 7:05, local ads, drug PSA. 11/14-AM: WGAD-1350 good @ 12:30 w/WSIR nulled somewhat, rr. WDEL -1150 fine @ 12:38 atop channel w/rr & jingles. 11/15 PM brought WAXU-1580 @ 5:30 s/off mentioning "be nice to somebody." WELB-1350 s/off 5:59 U/WSLR, some other Ga./Ala. stations, nottoo special due to distance. 11/16; WEXF-1370 w/apparent s/ on 6:53 u/WSPD, weak, soon covered by WHEE-1370 w/local mx. That PM, WEUP-1600 noted alone on channel w/rr @ 5:20, WAIK-1590 in well @ 5:24 w/beer ad & bowling results, soon gave way to WVNA-1590 w/NX @ 5:32. CFOR-1570 loud 6:35 ending NX. 11/17- WBLG-1300 noted nicely w/ER @ 10pm, no WMAK. 11/30- That AM, WRRF-960 (who's this? ERC) noted well w/cattle market reports & records @ 6:39, WYDE-850 in loud w/c/w * "Country olitan" IDs 6:45. Finally WRFD-880 w/WCBS partially nulled w/WX @ 6:50, then c/w, many mentions of WX & TX for Columbus, SRS fadeout left them in the clear by 7. In the PM, WJMR-990 in well w/NN religious program @ 5:30, then KRLA-1010 in strong @ 5:44 w/Little Rock WX. KCTA-1030 strong w/WBZ nulled 5:52, frenetic preacher. A goodie in KIMO-1060, Longmont, Col. w/KYW nulled & Cuban in fade, heard ending NX @ 6:05, clear mention of WX for Longmont & area, snow in higher elevations. Then a couple of local ads, both mentioning Longmont. Soon lost to Cuban, first Colorado daytimer on RS. 12/1 saw KMYO-1050 in strong @ 6pm s/off, mentioning AM & FM stations, CST TC. 12/2 brought only WKBJ-1600 in w/s/off right after WFIS s/off @ 5:31. 12/3 brought WSIZ-1380 in @ 7am s/pn, into rr. It snowed here, and so daytime DX between 1 & 2 pm: WSM-650 WCYB-690 WLW-700 WGN-720 WSB-750 WHAS-840 & WIVK-850 Tenn. More DX soon, CX are terrific!

HEARD SINCE LAST ISSUE
610 W B I X Ex-WMEL 1360 K R W C Buffalo, Minnesota
"AN" SITUATION - OFF
1050 X E G Now s/off @ 2 1400 W M I N Off AN

JOE MARCOWICZ - 1394 Elgin Avenue W - Winnipeg, Manitoba - R3E 1L6
Who says radio's AN men has a dull job? CFW's Dave Harrison got
e call last week from a guy who attempted to blow up the U.S. consulate. One
time before, he may have save a girl's life. He called police after a girl
called to say she was going to jump from a bridge at 3am. Sure enough, she was
getting ready when the police arrived. I've been having some luck in hearing a
couple of NSP locals going off the air. During the provincial-wide power failure
on 11/5 which lasted from one to 25 minutes in some areas, almost all stations
left the air @ 8:24pm. During CKY's 580 brief silence, KOBI was had w/weak sig-
nals u/the severe electrical noise. KWKA-680 heard w/fair signals o/u KNER during
one of CJOB's rare SPs back in October. CBN-640 w/very weak signals u/QRM w/
hockey game, CKRC-630 no problem. This is the first time I've had CBN this year,
10/31. KVVY-1470 fair w/CFRW nulled 5:15pm 11/10, still not enough for a report
though. Who is the CBC FF affiliate heard here some nights on 900 // -CJBC and
others? This station-always seems to fade out on the hour & half hour. KGLE-590
has w/good signals most mornings @ 9:25 w/a bad case of CKY & KSJB-600 slip. Al-
so some slight traces of CFAR-590 were noted. 11/8- KJRB-790 w/Channel 79 IDs.
11/7- KVDB-1090 w/good signal until 5:55pm. I wonder what happened to pests KAAY
& KTGO on that afternoon? CKFH w/its new power sure makes a bigger mess of 1430
here; usually in o/KRGI/KELI/KLO/KOSI/WIL/WIRE. They were a pest when they were
just 10kw. So CHIM is AN after all. They are probably doing it just to please
the CRIC because last year CHIM was strongly criticized for its programming and
technical quality at hearings & was given a one-year license renewal to improve.
Station president D. R. Sutherland said he found the whole episode embarrassing &
brought about widespread changes in the performance of CHIM. 73.

DARRYL BELANGER - Box 495 - Swan River, Manitoba

It's been a longtime since I last Mused, so here is my Musing,
though it's not much. Addition of a female member to the family has cut DX time
to almost nil, and only until recently have I done any dial twisting. New sta-
tions to appear here are: 9/12 KTYN-1430 w/c/w. On 10/31 KQXI-1550 @ 6:15pm s/off
w/terrible KQJO QRM. More recently I have been chasing IAs w/SS stations appear-
ing all over the dial. Early evening of 11/10 was very profitable w/CMQ-640
noted strong w/talk w/KFI n lled @ 7:15pm CST. 7:25pm showed CMBC-690 w/listen-
able mx. Then 7:45pm tentatkeve reception of TGRT-663 Guatemala, no ID heard, but
talk show had many mentions of Guatemala, jingles by YLs on the hour & half hour;
fair to poor tape on this. Also unID SS looping due S on 1220, weak w/talk by man
@ 8:45 before cut off by CJOC, who? 11/14- Another good evening. KXRB-1000 un-
heard 20 o/s-9 @ 4:45pm w/c/w & "Radio One" ID. PJB-800 Netherlands W.I. heard
poorly @ 8-8:15 w/SS religious program. R. Transmundo ID @ 8:15. No CHAB, but
CKLW after a while as QRM. CX must be very good lately as CMQ CMBC XEW XEDM all
heard nightly w/strong signals, especially XEW At around 30 o/s-9. Only verie in
from KTYN v/1 & CM. Mot much else to add except CJOB-680 Winnipeg has spent 100
Gs on new equipment to improve signal etc. I don't know if it helps them much as
they are bombed nightly here now by KFEG where they used to dominate. The CE in-
vites letters to determine any difference in signal quality. About it - 73.

JOE KURETH - Box 493 - Westminster, Maryland - 21157

All times EST. Only DX to report was MM of 11/15 w/seven new catches.
WKYC off, so KREX-1100 Col. covering channel w/local NX, then messed up w/WBAL's
on @ 12:12. WOER-1530 N.C. ending ET/mx @ 12:25. WHCU-870 N.Y. ET/mx w/ID @
12:43am o/WLW & unk SS. Finally KRDS-1190 Ariz. for new state @ 1:04. 1:08, WDSU
-1280 Ia. testing w/OC but unk here. Also finally WCAM-1310 N.J. w/rr in w/WLOB
Me. & WIFE Ind. No sign of WGH this AM. KWKY-1150 Ia. k TT & ID every minute to
1:41, then off. I almost forgot, new country, Italy, on 1034 @ 12:55 w/XEQR slop
nulled. Country #37. Unk Fla. tester on 1260 & ID @ 1:50. Two tentatives sent.
WIXY-1260 O. ID @ 2 w/WNDR nulled, program "American Top 40." Finally XERPM-660
D.F. w/heavier mx than must underground FMs play in this country! On top of chan-
nel @ 2:15am. I tried unsuccessfully again for KORL-650. C1 mx heard, the only
station on 650, but always faded when IDs were due. Is KORL-650 classical? 73 &
good DX to all.

WFS BOYD - WHOT - 401 North Blaine Avenue - Youngstown, Ohio - 44505

I noted CHOK-1070 had SP 11/29 from 12:12 to 5am, & WJW-850 off 12:08-
5 same AM. HI no longer on KSTP - they have been AN tele-talk last two weeks.
CKFH-1430 had SP MM 11/29, seemed to be off 1-5am. Semi-Aurora type effect 12-1
same AM w/RJR well o/WGN-720 in RJR null. Good battle Jamaica-WLW-700. Jamaica-
730 only fair u/WB at same time. The WCVR-1320 TEST fair to good (thanks to al-
tazimuth loop) o/u WIIS-rr. I believe I had KRYS-1360 2:25-2:31am u/WKAT in WBAY
null. Only WDRG/WKAT after 3. Time one hour behind EST, temperature 55, & KR??
jingles. Is KRYS on then? (I believe they're NSP, Wes -ERC) Tape seems to give
KRYS Corpus Christi ID, then WX & report. KUDL-1380 off 3am leaving KGMS just a-
bove noise w/WX WX s/off, 3:07. I think I had WHIM-1110 w/OC/MOR instrumentals u/
WFT OC & KFAB MOR instrumentals, unID SS, etc, 4:10-4:20. Morning of 11/30 was
poor. Only WBSM/KTOE mess well u/WHK-1420. I did catch WAPX "The Mighty 160" &
Soul Power stuff well o/CJRN (yes, he's still on 1600) in WRRL null 2:25-2:32,
then totally gone. Nice verie & letter from P.A6-925. ACE is from Cleveland, as
is CE. Thanks, Dave Gleason, for Caroussel-665 verie. Others in: WNMT-1520 WEHH-
1590 WRIC-540 WMEE-1380 WPNS-1080 WBAT-1400 KATZ-1600 WLFA-1590 & tough ones WTAF-
790 & WQWO-1190. WEHH-1590 was an T on third Tuesday 1-1:30am. Starr heard them
about a month ago & I had unID TT same time the month before that - could be a
monthly thing. Oh yes, I had an OC on 698 @ 2:12 on 11/30 - het against WLW (low
frequency one) gone. Carrier off @ 2:20 & het was back about 30 seconds later.
Maybe CA or LA w/stand-by XR off frequency? Whom be this thing?
MORRIS SORESENSEN - God's Narrows, Manitoba

Here's my recent DX. 10/28- WMAX-570 S.D. @ 12:07am, WPTO-1520
O. @ 8:39pm. 10/29- XEX-730 @ 12:39am; KOSI-1430 Col. @ 12:40. 11/5- WIND-560
Ill. @ 12:17am. 11/7- WJWJ-620 Wis. @ 12:07am; WOW-590 Neb. @ 7:58pm; CKSB-1050
Men @ 8:09pm; CFNS-1170 S.sk. @ 8:15. MM 11/8- PJB-800 Bonaire @ 12:07am; CBR-
1010 Alta. @ 12:32. 11/9- WSB-750 @ 11:30pm, KNOK-1310 N.D. @ 11:33; KFGO-790 N.D.
@ 11:38. 11/10- CJSN-1490 Sask. @ 12 08am; CKSN-1400 Sask. @ 1:03; CHEC-1090 Alta.
@ 8:30am; CHAT-1270 Alta. @ 8:29pm. 11/11- WJJD-1160 @ 7:15 s/off. 11/12- KOOK-
970 Mont. @ 1:02am; WEBR-970 N.Y. u/KOOK @ 1:03; WKYC-1100 @ 1:07; KARR-1400 Mont.
@ 1:10; KIMY-1240 Mont. @ 1:24; KOZE-1300 Ida. 1:33; KTYN-1430 N.D. @ 8:29am. 11/
13- CJRN-1500 Ont. @ 2am. 11/14- WIL-1430 Mo. @ 1:04am. 11/15- CKFH-1430 Ont. @
5:22pm; CJMS-1280 Que. @ 5:28pm. 11/16- CBF-690 Que. @ 12:05am; CJBC-860 Ont. @
12:09; WEBC-560 Minn. @ 12:32; KLEZ-1380 Minn. @ 1:05am s/off; KUDI-1450 Mont. @
8:18am. Verifications: KQVN-1410 CKBI-900 KGH-790. Temperature here today (11/
21) is about 25° below zero. 73.

ROY H. MILLAR - Box 508 - Everett, Washington - 98201

Hello! I'm finally back into the DX game, as I'm now set up in a
new home in Marysville, about 200' S of old location, hi. Trio of RXes remains
in DAK3 (U.S.N. surplus); DX-150 (Radio Shack), and Grundig #1050. Antennas cur-
rently in use include one longwire, small air loop, & an SM-1. Another SM ordered
so likely will see limited use of longwire in future. All receivers feed tape-re-
corders in automatic set-up. With several months of non-DXing in which to mull
over thoughts about verifications, I have concluded that as far as I am concerned,
VERIFYING is the "name of the game", so I will resume reporting to all possible
unverified loggings. I just can't find that taped IDs are as rewarding as v/qs
or other forms of veries, acknowledging the difficulty of obtaining same from
many stations, and even the doubtful validity of some; anyway, that's the way I
feel about this matter! (I'm with YOU -ERC) First new logging of the season was
on 11/14 w/KUHL-1440 Santa Maria, Cal. s/on @ 9am for 45th logging on 1440. Also
of interest was logging of 4VEC-830 s/off @ 9pm 11/11. However, I have this call
verified on 1040 w/400w a good many years ago! Another item that is intriguing is
a UFO on 1440 logged 11/14 w/taped ID @ 7am, but I can't figure who 'tis so far.
ERC, what is your current Musings deadline in Brooklyn? (Thursdays; but Wednes-
days during the Advent season -ERC) I'm way behind on reading DX NEWS, but I will
get caught up once all the ruckus of moving etc. is behind us. We have all utili-
ties underground & no fluorescent lighting, so I hope I can keep rather quiet CX
prevalent! No VOA-1178 TEST heard 11/14, & I was on the channel @ 6am, as well
as at earlier and later periods. 73.

CRAIG COOK - 2938-A North Fratney Street - Milwaukee, Wisconsin - 53212
 Hello once again! This past weekend was really fantastic! NRC members Tom Steele, Tom Kirk, & myself took a trip to Northern Wis. for a weekend of DX. Believe me we succeeded! We strung up a 900' Beverage antenna & pointed it due W. It sure did its job. I logged 59 new stations in one day! Out of that total, 23 were from Minn. Here are a few of the catches: 11/13- KHUB-1340 heard @ 7:22am w/ID jingle. WJAG-780 heard @ 8:30 ID w/slight WBEM QRM. WBDN-600 in w/ID poor signal. WOI-640 w/NX @ 9, fair. KOWH-660 in @ 9:06 w/fair signal & ID. KAYQ-1190 w/"Kay Q" ID @ 11:50. KGLO-1300 heard @ 6:30pm w/sports & ID, good signal. KELO-1320 in @ 6:43 w/ID followed by c/w, good signal. KEWI w/jingle @ 8:20, poor quality signal. KARE-1470 w/ad for a Savings & Loan @ 8:34 poor signal. 1470 also brought in KPRI @ 8:37 w/promo for a contest. KWBG-1590 w/sports & ID @ 9:15, poor signal. KVGB-1590 w/faint ID @ 9:30pm. KMNS in @ 10 w/ID jingle. 940 bagged KFRE @ 11:34 w/rr & "K-Free" ID. WBBF in w/rr & ID u/WWJ @ 11:39, KSAL-1150 in @ 12:22am w/a woman singing a health service promo, fair signal. 11/14- KFEQ w/s/off @ 1, had c/w before s/off, good signal. This one is on 680. ~~WJAG~~ in w/steady signal & c/w, ID @ 1:09 on 1600. CHQM-1320 heard w/poor signal but I got a definite ID @ 2:26. 990 brought KKIS @ 2:30 w/ID. C/w on 980 @ 2:47 turned out to be CHEX w/good signal. WRNL-910 popped in A 3:15 w/a jingle, poor signal. At 3:24 on 910 KISN came out of nowhere w/a positive ID even though the signal was poor. CJOY-1460 heard @ 3:40 w/jingle but quickly faded. KALL-910 came in @ 4 w/clear ID & NX, report out. 1320brought KCPX @ 4:43 w/rr & ID, good signal. KTKT-990 @ 5:24 w/rr & jingle, fair. WEBR in w/poor signal & ID 5:39. 1300 bagged CJME @ 6:10 w/poor signal & ID. KBTR came in @ 6:12am w/good signal & NX, & last but not least, on 1600 I heard KIGA @ 3:30pm w/ID followed by polka mx. Would it have helped if I put locations after the catches? If so just yell at me hi! Until next time, 73s! (Nobody's yelling, hi! -ERC)

TOM KIRK - 2101 West Neil Place - Milwaukee, Wisconsin - 53209
 Hello from Milwaukee. This is my first Musing & a rather belated one at that because I joined the NRC in 10/70. The weekend of 11/13-14 fellow NRCers Craig Cook (also my cousin) & Tom Steele strung a beverage antenna up at my parents' lake cottage at Dam Lake located in the North-Central part of Wisconsin. We had the wire running W for about 800' before we had to stop because of a barb-wire fence & an over-abundance of "No Trespassing" signs, hi! At that point, the wire was terminated to ground without a resistor. The wire itself was made from 500' of Olson's speaker wire. It was split down the middle & spliced together to get 1,000' worth of antenna. DX was fantastic! Tom said the gain on his RX, an HQ-180, was noticeably higher than with his 4' loop. The antenna favored W much better than E & there was an almost complete lack of signals coming from the S. Minnesota stations dominated daylight DX but the most surprising thing about daylight CX was the amount of skip coming in. (All times EST). 11/13- WABC jingles could be heard w/WCAL @ 9:30am; WJAG-780 w/WBEM @ 9:31; WRAD-640 w/WOI @ 10; bits & pieces of WPKX-750 @ 10:35am; KNUJ logged w/CJBC-860 @ 10:54; & KV00 dominating 1170 @ 12:30pm. Some of the night reception that deserves mention is: 11/13- KFRE-940 @ 11:34pm; 11/14- KLAJ-1600 @ 1:04am; CHQM-1320 @ 2:15-2:27am; KKIS-990 @ 2:30; KISN-910 @ 3:20; KALL-910 @ 4; KCPX-1320 @ 4:40 & KTKT-990 @ 5:34am. We had so little time to DX & so much was coming in that we kept the radio on the entire weekend so we could still log stations while we were sleeping. I guess that's it except to say correspondence is welcomed here in Milwaukee. 73s. (And Musings are welcomed here in Brooklyn, Tom, & Welcome!-ERC)

ROSS HANSCH - 5013 Risser Road - Madison, Wisconsin - 53705
 I'm sure glad somebody heard VOA-1178- not hing doing here. I might have heard the carrier but I'm not sure. I could not get directivity on it. We'll think about it again next year. 11/20- 5:59pm I was surprised to hear WHCU-870 s/off. I couldn't imagine who that CBS station could be. 11/22- Nothing startling. 6:28am, KFYZ-790, new logging. 11/29- WCVR-1320 Vt. with many CW IDs but seldom voice through KXYZ/WIIS. I couldn't null both of them. Canadians not strong & too much static, and even WC not too good. 73.

RONALD J. MUSCO - 16 Chestnut Drive - Windsor, Connecticut - 06095
 11/15- WHFB Benton Harbor heard on "transmitter maintenance test" 1:02-1:14. Others heard on 1060 with them: CJRP & possible KPAY. Are they rr? (Yes -ERC) Um WDIC-1430 w/r/c 1:20-1:30 tune-out. KYW-1060 w/AXR test @ 1:31. KFAB-1110 w/WBT off @ 1:34 but mucho static & HNL. Question: Who s/off 1600 @ 2:10? (WUNR, I believe -ERC) 11/21-22 WDR-1586 heard L&C 11:55pm start of IS, to lam. 11/26- Umm WYRE heard poorly this time 12:18-12:25. Postcard sent, telling Mr. Matos I heard them. WNEF-1290 heard above the jumble 11:33-11:45. 11/28- With much "tweaking" I got WKNE-1290 separated from WNEF. S/off 11:18pm Sundays. 11/29- WUNR-1600 on top w/their yeech talk show. UnID TT on 1420 @ 12:55. TT off on 1400 from lam till 1:45. ID @ 1:36 turns out to be WLIH, Lowell Mass. w/ET w/lkw. NRC Log says synchronous XR at Lawrence also. WABY Albany heard u/WLIH's TT. I first thought it was either WLIH or WHMPtesting. Veries are in from: v/q- CBW WHFB WNOX. v/f- WTDK-TEST. v/1- WCAZ.

WILLIAM D. SWIGER - 14 South Drive - Portsmouth, Rhode Island - 02871
 Greetings you all. I have been in the NRC for two years now & I thought it was time for me to Muse. The age here is 23, married, & our baby is due any time. So probably by the time you read this, I will be a "proud papa". I am a Radioman 2nd Class in the U.S. Navy, but I should be getting out by the first of March & heading back to West Virginia. That is our home state & we'll be glad to get back home. The equipment here is a Heath SB-310, a Hammarlund HQ-140X and a Hallicrafters S-107. The tape recorder is an Akai M-9. We have a 65' inverted L antenna outside our mobile home. Trans-World Radio-800 has been coming through CKIW Canada very regularly here in Portsmouth. Some of my best veries on BCB are: Radio Hong Kong-545 & 2YA, Wellington, New Zealand. If anyone out there is interested in taping, drop me a tape. Another NRC member, Big Jack Widner & I have been taping approximately a year now. I enjoy the Capt. Glotz cartoon and look forward to future episodes. Keep up the good work. 73s & I will try to Muse more often. (Welcome to NRC, William, and please do Muse more often!) -ERC)

CHRIS LUCAS - 407 Elmwood Avenue - Ithaca, New York - 14850
 Quite a number of loggings in past week-and-a-half, as I'm still bagging many of the easy ones from this new DX location. Here's what's been heard: 11/14- WHP-580 Pa. @ 9:29am, WDCS-730 N.Y. @ 9:35, CJBQ-800 Ont. @ 10:09 about even w/CKIW, WBEN-930 @ 2:30pm. 11/15- KSO-1460 Ia. @ 1:02am s/off, CJOY-1460 Ont. @ 1:05 s/off, WBNS-1460 O. @ 1:14, WBCB-1490 Pa. @ 1:16, WSAR-1480 Mass @ 1:18, ET, WDIC-1430 Va. @ 1:25 w/r/c; WAAB-1440 Mass. @ 1:33am, WANN-1190 Md. @ 2:28pm, WSOQ-1220 N.Y. @ 2:30. 11/20- WEB0-1330 @ 3:31pm, WCRV-1580 N.J. @ 4:30, WRDI-1580 N.J. @ 4:31, WKER-1500 N.J. @ 4:38, WPRW-1460 Va. @ 4:47, WSVS-800 Va. @ 4:59pm, WKIX-850 @ 5:02, WPRO-630 R.I. #1 @ 5:04, WCOP-1150 Mass. @ 11pm, WDEL-1150 Del. #1 @ 11, WEZE-1260 Mass. @ 12. 11/21- WNJR-1430 N.J. @ 12:13am, WISV-790 N.Y. @ 10:30am, WSEW-1110 N.Y. @ 12:31pm. 11/22- WSIR-1350 O. @ 12:44am, Cuba-590 @ 1:01, WMCA-570 N.Y. s/off @ 1:05; WIND-560 Ill. @ 5:03pm, WLAC-1510 Tenn. @ 5:25, CHOO-1390 Ont. @ 5:30, CKLB-1350 Ont. @ 5:45pm, CKOC-1150 Ont. @ 5:53, WHAS-840 Ky. #1 @ 5:56pm, KWAM-990 Tenn. @ 5:59s/off, WIBG-990 Pa. @ 6:02pm WWSW-970 Pa. @ 6:04, WEAN-790 R.I. @ 10:11pm, WSPA-950 S.C. @ 10:30, WSPR-1270 Mass. @ 11:38pm. 11/23- WKNE-290 N.H. @ 12:06am s/off, CKLC-1380 Ont. @ 12:51am, WABY-1400 N.Y. @ 12:57am, KQV-1410 Pa. @ 1am, WBSM-1420 Mass. @ 1:06am, CKFH-1430 Ont. @ 1:09am, CFFB-1010 Ont. @ 9:59am, WIQT-1000 @ 10, & WCHN-970 N.Y. @ 10:08am. Total now 221 heard from 31 states & four provinces. RX is a seven or eight year old Lafayette HE-30, w/60' antenna, fairly close to ground (about 10'). Thanks to HQ, DX NEWS is arriving here again. I have several back issues to catch up on. What is the current Musings deadline day? (Thursdays, Wed. during Christmas rush-ERC) I remember back a few years ago when I used to send in my MM DX on Monday, & read it in print in DX NEWS the following Monday, by third class mail no less, from Kittanning. I guess those days are gone forever. Good DX, everybody. 73.

TIM KERFOOT - 34 Cross Street - Weston, Ontario
 DX since last Musing: 10/31- KWAM-990 6pm; WTCW-910 6:45pm. 11/16- CJTP-1400 4:30pm w/a tremendous signal. Recent veries: CKAR1-1340 WTAC-600 KWAM-990 WTCW-910. More later, hopefully. 73.

JOHN JUNKER - 1217 Epworth Avenue - Dayton, Ohio

I've been a member of the NRC for about nine months & haven't Mused, so I decided it was about time. I'm 20 years old & a student at Wright State University in Dayton. My brother, Carl (Flash), of course, is a very active member. I've DXed off & on for about seven years, but didn't become really active until the beginning of last season. My equipment includes a seven-band Zenith Transoceanic RX & a spiral loop antenna. I've logged 41 states & ten countries, & have heard a total of 658. Now to DX. On MM 10/25 I logged WGBR-1150 N.C. s/off @ 12:05am, CJOC-1220 Lethbridge, Alta. u/WGAR @ 2:05 w/religion, & four new ones on 950 including WBBF N.Y. @ 3:20, XEGM Tijuana @ 3:30, WPEM Pa. @ 3:47, & CFAM Man. @ 4:58. CFAM w/cl mx gives an ID once about every two hours. On SM 10/31 I logged country #10, HIBE-1180 Dominican Republic @ 1:25am. On week-end of 11/14-15 I heard four new ones from Cal.: SM- KCBS-740 @ 3:04am, & on MM, KGBS-1020 @ 1:16, KPMC-1560 @ 2 & KHHI-1550 @ 2:43. SSS has also been very good of late here. I've logged six new stations on 900 @ SSS in past couple of weeks. 11/7- KFAL Mo. @ 5:40pm & CJBR Que. @ 6:25. 11/11- WOZK Ala. s/off @ 5:45. 11/15 - WKXV Tenn. s/off @ 5:30. 11/18- WATV Ala. s/off @ 5:45 & KJSK Neb. s/off @ 6:15. Finally, on 11/17 I logged WKRK N.C. @ 5:25pm, WNGO Ky. @ 5:30, & WEIN Ala. at 5:40, all three on 1320. It promises to be an interesting & productive DX season. Best of DX to all. 73s. (Welcome to NRC, John! Please Muse frequently! -ERC)

CARL "FLASH" JUNKER - 1920 Malcom Drive - Kettering, Ohio

A few comments first, & then on to DX. Reaction to the flash alert has been very modest at best, w/only about 25 sets of cards received so far. My new location, although only about three miles from the last one presents a slightly different set of DX CX, especially with respect to locals. Whereas before I had severe difficulties w/WONE splash, they can now be easily nulled w/WSIX & WTRY audible most nights. However WHIO splash & spurs present more of a problem here. On well, on to something a little more significant. TA CX from 10/16 to 10/21 very good here. BBC4-1457 heard @ 10pm EDT on 10/16, France-1376 heard lam 11/18, also same morning Monte Carlo-1466 @ 1:30 & BBC1-1214 @ 2am. 10/20- Libya-1124 heard @ 7:30pm w/good signal. 19/21- VOA-1196 heard w/piano mx & s/off in EE @ 8pm. Also same eve, Germany-1268 @ 10pm. SSS just keeps rolling in with many new loggings in November, all taped. 900 has been a gold mine here lately w/many new ones added. KHOZ @ 6:03 s/off 11/3; 11/5 WGOK s/off @ 6 & KJSK s/off @ 6:15 EST, then on 11/10 an unexpected surprise, CKK briefly @ 6:15 w/jingle. Another 900 logging on 11/13 w/WOKZ s/off @ 5:45pm. Two SRS loggings on 900, both on 11/14. WODY @ 6 & WEEV @ 6:03, both s/ons. Bados has also been noted on 900 many evenings from 6:15pm to about 7. MM 11/15 saw a TP opening w/KORL in well @ 2:30am, unn. Big surprise of the evening was Tarawa-844 heard from 2:10am to past 3, man & woman alternating talking; man in EE, chimes for IS taped @ 3. My best catch ever; however, not enough info for a report yet. Bob Leamy also heard this at the same time in Columbus. Later, XEBG w/good signals & R&B from 3-4am. Looping them out easily I had a MOR station w/no IDs given at half-hour, faded @ 4, possibly 4QD, although Roger Winsor says this is a Colombian. That's about it. Totals now at 841 heard, 34 countries, 46 statrs, soon to be 47 w/WKIJ-1380 TEST. Good DX. The pirate from Cincinnati is being heard here on 1630 or thereabouts.

ALAN MERRIMAN - Box 6 - Fairfax, Virginia - 22030

I guess it's about time for another Muse. Domestic DX has been practically nil so far this season. Foreign DX has been excellent & the few times I have listened for new domestics nothing much has been heard. I'm back to working midnights again, but am off on MMs, so I might get some decent DX. Here is what has been heard: 7/3- WHLW-1170 fighting WWVA to s/off @ 8:30. 8/24- A surprise, WPTN-1580 completely alone @ 9pm s/off. 8/30- KGMO-1550 w/r/c @ 12:02, my sixth try for a verie from this one & still not successful. 9/3- WWDJ-970 for call change @ 1:15, WFIR-960 for call change @ 1:50. 9/28- New WXIN-950 heard w/OC ET @ 5pm. I don't think they're on RS yet as I have not heard them lately.

10/8- WREM-1000 good on TEST @ 1:04. 10/19- WKBX-1500 good on ET @ 12:09, local WTOP was on but looped. Veries have come in from WIVE WHLW WFIR WAVS WRDI WKBX & WREM & WWDJ. I hope to have something decent to report in a couple of weeks. 73.

ROGER W. WINSOR - 718 North Fremont Road - Valparaiso, Indiana - 46383

11/6- KCFI-1250 in many others briefly @ 5 09, but soon faded. I sure would like to verie this elusive one. MM 11/8- Mostly a bust. Seville-683 good @ 12:09 hetting 680 badly, KREX-1100 Col. logged 12:23-1 s/off w/Layman's Hour to 12:45, then MoR. A good bet on the EC judging by their steady signal after WKYC s/off. KVOO-1170 @ 1, said off to 2, so now let's see some EC 1170 TESTS during this magic hour of silence on 1170, even though they leave their OC on. CFCN-1060 Alta. in all AM w/a beautiful signal, umm. Bratislava-1097 easy log @ 1:40 w/mx. CHOW-1470 noted @ 3:06, are they NSP now? 1470 sure is a bummer anyway. Piano mx in/out made me think I had 4QD, but I never could get anything, & then @ 3:55 WKFE s/on ruining any chances of ID. HJZI is also a possibility. 11/9- Local WAKE-1500 had OC on @ 1, ID @ 1:02. WHBG-1360 Va. on again w/r/c, so change to second Tuesday. 11/10, only new SSS was CKSM-1220 Que. all alone @ 6:14 w/YL DJ in FF. 11/12, good SSS. CFTR-680 in 4:53-4:57 fadeout before pattern change w/Earl Mann show & many ads, WZAP-690 Va. w/Earl Nightingale, then MBS NX, then into local NX for 10 minutes. All this 4:57 to 5:10 fadeout to WAGO. KWPC-860 Ia. finally able to log this thanks to weak CJEC 5:32-5:45 s/off, no SSB, & finally KSIS-1050 Mo. beautifully 5:50-6 no SSB, atop s/off. All four reported. WYNK-1380 La. just caught s/off @ 6:15 s/SSB. 11/15- A index 01. I installed 50' of longwire running E/W, increases signals tremendously. KGIC-910 s/off midnight w/15db o/s-9 signal, return @ 7, note addition to log - is AN6. WAVE-970 also s/off 12:02 w/SSB, change log. WOBW-1530 w/ET ID @ 12:20 umm, KAHL-1410 Neb. @ 1:30 ID out of nowhere, nothing more, WING off. 1250 ET all AM was WEMP in case anybody's wondering. KXEL-1540 noted off @ 2:45, second MM in a row, maybe a new SP for this pesty bird. Now if ZMS would go off---. WPDJ-1550 Tenn. r/c 2:45-3 w/organ mx. KGMS-1380 s/off @ 3:05 w/beautiful signal, left OC on. KLIUC 1140 Nev. just caught an ID @ 3:10, then off. New WUCR-860 Tenn. @ 3:10, off @ 3:18. CKWX-1130 totally dominant @ 3:30. WKIG-1580 @ 3:45 ending f/c, said on for past 15 minutes. WCHV-1260 ET/mx & frequent IDs 3:51-4:23 & on. Who on 840 has EE Beck to the Bible @ 4:33 & on? WHAS OC came on a bit later ruining any chance of an ID. WBBF-950 AN-rr @ 1:38. WSLR-1350 off all AM but had OC on many times. WORK heard weakly @ 5, WSLR on @ 5 4. 11/16- WOAY-860 5:12-5:15 s/off, s/off of WHOS-800 @ 5:45. KBIB-1560 & KNAB-1140 @ 6:30. PJC2 noted @ 6:34 w/EE Soul, but foreign language DJ. Veries WBSB KEMR WCHL who'll test 12/13, & v/q, WJAX & WPIC. Bow at 1,064 verified. 73.

PAUL KILLROY - 2100 Brooks Drive - Suitland, Maryland - 20028

Not much in the way of unusual DX plus only limited opportunities. 11/21- R. Capital-1125 Costa Rica in very well @ 11:30pm. TIFC-1075 s/off in EE @ 11:28pm. Possible TGKI-915 @ 11:55pm. By the way, it was "no go" on VOA TEST on 11/20, as GPN said it would in latest DX NEWS. UnID but format probable R. Veronica-1562 @ 12:31am on 11/22. 1403 unID @ 1:30am, sounded like German, but weak. Also best reception so far of R. Luxembourg-1439 @ 1:35am in German, enough for tape. 11/28- Aurora brought "R. Tupa, Bogota" weak but readable @ 3:05am on 1040, possible new call or station or network program via NRC Log & WRTH.

RICK HEALD - 2509 Clarendon Road - Apt. 1B - Brooklyn, New York - 11226

(via phone). MM 11/29, many Cubans & IAs very strong, good Auroral CX. WCVR-1320 Vt. in solid 2-2:20, strong sideband splash from WEVD, five miles away. WJAS & WVOJ both noted far underneath. WSER-1550 2:18-2:23 solid signal, unn, but first time on test - they're an SSS regular. Testers also noted 2:15-2:30 on 1380 & 1460, quien es? Not all mail problems are ERC's - I take from the same Post Office. Today the mailman on this route simply stuck my DX NEWS and a magazine between spokes on the stairs! (Heck, Rick - at least you GOT them! -ERC)

LET'S KEEP DOUBLE-SPACING THOSE MUSINGS, LADS! GREAT SHOW THIS WEEK! KEEP IT UP!

JERRY STARR - WHOT - 401 North Blaine Avenue - Youngstown, Ohio - 44505
 Hi again. A few notes on Musings in the 11/13 DX NEWS. Bob Fischer, your 1440 logging on 10/24 couldn't have been ~~WMB~~ w/Soul mx, they never play anything wilder than Guy Lombardo, hi. ERC, your discussion program on 1190 during the WAMB TEST was most likely the new KAYQ in Kansas City; they've been heard several MMs w/all-discussion or interview programs, Georgetown University Forums, U. of Missouri program, etc. I have noticed the Georgetown--originated program ending @ 1:30 & that's the type of discussion that program tends to feature. They have the Michigan University (or possible Wayne State of Detroit) after 1:30 followed by a short NXcast, then into a program from U. of Mo. They were quite strong 11/15 w/KLIF looped until the HJ faded in about 2:15 & smothered 1190 Thought: Strange animal, this DX. While many heard the WAMB TEST, especially well in the Midwest, there wasn't a sign of it here. But yet, I heard WAMB on an EP on 4/19/71, & they were o/s-9 & steady. Because of this, I thought the TEST wasn't on. Wes Bou didn't hear it either. Speaking of 1190, I find my UNID tester here 10/12 smashing WOWO was needed WAVS. Rets! Otherness: I noted last week in a trade magazine an ad looking for an announcer for the new WOBL-1570. Does anybody know if they're on yet? Watch 1570 for them & the new WGLX which I understand is nearing completion. 11/6- RY on 1560 turned out to be brand new WSHY Shelbyville, Ill. V1 says they are proofing their 500w DA & expect to apply for program test authority around 12/1. This one came as a complete surprise as I don't recall seeing the CP listed in NRC, IRCA, or Broadcasting or anywhere. I hadn't even written it into my NRC Log which I usually keep right up-to-date, was it ever in DX NEWS? 11/14- I lostened for VOA-1178 but not even a detectable carrier. Ver-ies, all v/1- WSIT- 520 WRDI-1580 WAOC-1420 who says my 9/23 reception at 3:15am is a r/c-DT, WENR-1090, WAKS-1460, WGAD-1350, WSNT-1490, WSHY-1560 WLAV-1340 WORW-1580 for 4/71 report, WGEA-1150, WKCB-1540, fairly new station, address is Box 427. Joe Kureth, how about a WPTT TEST? 73s & join Co.P.C.! PS- If we can't mention the drunks, kooks & weirdos in Musings, that only leaves about three members, hi. (Lxt's see, that's you, me, and who's the other guy? -ERC)

DAVID L. SIMKO - 476 Idora Avenue - Youngstown, Ohio - 44511
 I'm not sure if my last Musing made it to HQ; the mailbox I dropped it in was demolished by a car that lost control & resulted in a terrible tragedy in which seven lost their lives after being hit by the car. Insipid question for Captain Glotz: How could you BUY WJRZ if you don't even have \$7.50 to pay your dues? Not much DX due to my leaving my RX at work. 11/7- WTSN-1270 N.H. fighting it out w/WXYZ @ 7:10pm. KRMG-740 o/CBL @ 7:15 w/NX & WX. WHOT-1330 w/local-like signals o/WFBC @ 7:45 w/sports. (Natch! -ERC) 11/8- CKVM-710 Que. o/WOR w/talk in EE, then FF @ 7:32pm. 11/15- K30 ruling 1460 @ 6:45 w/rr. 73s.

DUANE GIESE - 2838 Darwin Street - Apt. 7E - Sacramento, California - 95821
 It's been some time that I have reported to this section. Not very much DX to report as very little DXing has been done here. At present, school & work have me going most of the time. I did a little DXing from the mid of September to mid-October which I did hear some good TP reception. I hope I can get in a little DXing during Christmas vacation when it rolls around and maybe I will have something to report about next time. A good time as has at the Convention. Miami is out as it looks now, unless something marvelous happens, like money, hi. I'd like to take the time and wish you all a Merry Christmas and the best in the new year of 1972, DX and otherwise. LXXIII.

JAY MURLEY - 1733 Candlestick - Newport Beach, California
 Frustration season seems upon us. The annual November band collapse has not been yet accompanied by the sort of Aurora that closes off two-thirds of North America, opening channel after channel to DUs. So it's time to make up lists of stations not definitely logged, and time to tally up contest scores. And feel frustrated. At least I do at Russ Edminds' Foreign contest TP Division. I knew in advance that entering was basically masochistic. Take a guy who basically DCes the TPs & DUs & give him a contest where every hundred kc/s. from 600 to 1600 have to be equally filled in. Most of us spend half our time from 600 to 900 -

any most of us could fill up TP contest requirements in this 300k mother lode on almost any night in October. But the thought of logging four TPs in the 1400s without a Beverage aimed at Australia is something else. After KCCN in Honolulu, you need luck. Luck to get audio out of carriers on 1425 & 1435, for instance. Then there's a little hassle in the 500s. Why cut the band off at 535, when both the Aussies and Japs have BCB stations on 530? (Yeh, I'd like to count my NHK logging). Or for that matter, isn't 529 BCB among the Europeans? Why cut things off only 5k below the U.S./Canada/Mexico 540 mark? TP DXing is tough enough without such problems. Like I'm still trying to figure out what to do about a mid-960 station logged twice in what I think was Korean. Some are reporting South Korean; there's a North Korean listed; and for all I know the listed Manchurian has a dialect that sounds different from Standard Mandarin. So here I am with only 117 points on the contest and hoping for a few Hawaiians to inch the totals up. Go, Aurora!

JOHN W. HOOGERHEIDE - 3 Marquette Drive - Marquette, Michigan - 49855
 Wonder of Wonders - 11/8 & KXEL was off. ZNS only noted till WPTT s/on amid ear-splitting KXEL TT. I spent most of the AM on foreign DX w/three new logs; everything from KORL-650 Hawaii to Senegal-764, to Brazil, Ecuador, Peru, to CHAT Medicine Hat noted. Loud PP station atop 1100, atop R. ReLoj @ 3 until WKYC began testing AXR. I assume R. Nacional, Sao Paulo. I was really fooled with very broken EE on 854 (African info) - I thought I had a dandy there @ 2:30 but then into SS, so only Lima's R. Nacional. R. Union-880 a powerhouse all AM. K300-1140 Tting most of AM - no sign of KLUCC's r/c. WJRC-1510 atop many others 10:45am for new log. 11/9- I had WPNS-1080 Hurricane, W.Va. s/off @ 5:15pm right after WOAP finished w/their SSB s/off. 11/10- WEMD-750 noted @ s/off 4:45, announced a 5:45am s/on (?) S/off w/SSB. Long-sought but never logged. 11/12- I had good hets all over dial w/good CX to S. YSC-1015 R. Internacional quite loud @ 10pm. SS also noted on splits of 905 915 975 & 1010, 905 of most interest as I have never seen this reported. By 10:30 other splits noted on 1115 715 725 735 (w/sportscast) 745 825. Last week-s hets of 784 & 756 are both gone now, so they must have stabilized frequencies. 11/15- I had good CX & another of my rare TAs w/ID @ 1:30 on 1196 "You are listening to the VOA Breakfast Show". Must be Munich. Only second day that TAs have been logged in 3 1/2 years in Michigan. Lots of other TA hets also noted. Weak audio on 746 was surely my native land, in Lopik, Holland. Probably TA hets on both sides of 860 @ 2:10am. Someone w/c/w on 860 @ 2-2:10 tuneout - was new one in WUCL, Sparta, Tenn. KORL Honolulu again a poerhouse as 'twas last MM. Senegal again in on 764. Other hets on 647 1214 881 1007. C1 mx on 780 was KCRL Reno, @ 2:30. 11/16- New log in WKEG-1110 Washington, Pa. @ 4:30pm w/WX for Washington & Washington Country. No ID, but who else? How long have I been trying for this one? WMPX-1490 w/sportscast from Midland, Mich. in/out w/WABJ/WLRC.; new call for WMDN, & #112 from Michigan.

ANDY RUGG - 16 Lake Breeze Avenue - Pointe Claire 700, Quebec
 New veries are HCLG2-655 CBNM-740 WGBB-1240 & WAHT-1510. TA reception has been good but nothing new was logged. I have heard UNIDs on 827 1097 & 1385, & would like to ID them sometime. I also heard unn TAs on 548 638 647 755 665 764 773 818 1025 1034 1088 1124 1205 1214 1376 1394 1586. Other DX has been: 11/10- I took a log on WRIE-1330 from 7-7:30pm. 11/15- I stumbled across unn CHIN-1540 while getting dressed @ 7:53-8am. They are one of the two Canadians which has not verified for me. They were overpowering WPTT at that time. I sent another report to try for a verie. 11/16- WAHT-1510 r/c through QRM @ 12115-12:25am. 11/24- HJAI-1040 "Caracol" topped the channel from 11:01-11:11pm, for a report. I had been trying for this one since 1969. Then another new LA, TGRT-665 "R. Fabulosa" was reported from 11:15-12:08. Right after that I heard KFI-640 w/Kings Hockey way u/CMQ. Several days earlier I had heard an ID from KNX-1070 about the same time. These two Californians were very easy to log in the early 60s, but it was the first time I had heard them since then. CFFB-1200 has official approval to move to 1210k w/250w. 73.

EVERYONE - YES - EVERYONE - REMEMBERED TO DOUBLE SPACE THIS TIME. THANK YOU ALL!

JOHN W. HOOGERHEIDE - 3 Marquette Drive - Marquette, Michigan

Very unusual CX today, 11/24 - good S opening w/KXOL-1360 Ft. Worth well above WBAY. Only new one was WDIA-1070 Memphis ruling @ 7pm. Then suddenly CX changed from all S towards NY/Conn. area w/WADO-1280 WHOM-1480 WAVZ-1300 WDRC-1360 WPOP-1410 all powerhouses 15 minutes later. CX back to normal. Oh, I tuned an 800' longwire Beverage running SW pointing about towards Ponca City Okla. Trouble is it is laid on top of road & when snowplows come, it'll be "bye bye Beverage". It will be interesting to see results now that two Beverages are in effect on the HQ-180. On 11/26 a station was heard on 990 @ 1:15am on my SW Beverage, seems to ID as XEBM w/call as R. Mundo. Anyone pick up this new Mexican yet? Not listed in logs. Also very briefly @ 1:15 a BKB game between the Philadelphia NBA team & the Golden State Warriors, just in & out for about 30 seconds - WCers, help! Would this be KKIS? Not too many choices on this one really, unless it's WIBG. A cafd on this would be greatly appreciated. No sign of WYRE-810 TEST. I doubt if they were even on. But my SW Beverage brought in a week KGO-810 o/an even weaker KCMO w/a call-in phone show @ 1:30. F/c-TT KGV-1400 Greenville, Tex. 1:30-1:45 on same loop. New log in KJWW-1450 Cedar Rapids AN/RS. Also f/c-TT KSIW-1450 Woodward Okla. 1:45-2 - what a difference an SW Beverage makes as supposed to one SE; WYSL-1400 Buffalo topping 1400. How'd that happen on my new longwire? TT-990 pointing SW around 2:10-2:30, varying TTs. Best log of AM, & in a long time, in KDAY-1580 Santa Monica @ 3:30 w/rr - second Cal. station of AM & sixth new log of AM. C/w @ 3:45 was another new log in KGLC-910 Miami Okla. on AN. 11/26- Wow, was SRS-725 Surinam loud @ 9pm - 40 o/S-9! 11/27- WIFF-1570 Auburn ruling spot @ 3:30pm; WLEN-1590 Lebanon Ky. briefly @ 5pm. A very loud WRAY-1250 Princeton Ind. ruling @ 5:15pm w/c/w. WKDZ-1110 Cadiz Ky. atop @ 5:25; WVSM-1500 Rainsville Ala. @ 5:30 for fourth new log. Another new log @ 5:50 in KPCA-1580, Marked Tree, Ark. Great log in KLMR-920 Lamar Col. well atop @ 6:05am. Lots of good DX towards W. Kan. & Neb. w/stations like KOAM, KAMI, KOLE all atop. I'm almost certain I heard a R. Contiente ID on 640 u/Cuban w/TC for EST plus one hour. Is there a new Venezuelan here possibly? Does WIBG broadcast the Philadelphia 76ers BKB games?

ERNIE J. WESOLOWSKI - 1416 Pasadena Avenue - Omaha, Nebraska - 68107

Merry Christmas to all. DX since last report includes another report to KIRA-1010 Little Rock till antenna change on 10/25 @ 7:30pm. KIKZ-1250 on 10/26 from Seminole, Tex. s/off @ 8:15. KMYO-1050 Little Rock on 11/8, s/off @ 6. 11/9- KGBX-1260 Springfield, Mo. on RS @ 6:40pm. KIKC-1540 Parsons, Kan. s/off @ 6:15 on 11/18. 12/2- KCLO-1410 Leavenworth, Kan. s/off @ 6 My closest unlogged station finally heard. I arrived home after an enjoyable Thanksgiving vacation in Florida & the Bahamas. A full report on ZNS will appear when space is available. As for my visit to the VOA-1180 in Marathon Key, Fla., I was invited inside for a pleasant tour. The site is located about a mile S of town w/three towers in line w/WHAM. Null is 3° E. Three portable trailers house the XR & shop w/a generator outside. Operates twice daily in SS to Cuba from 7am to 9, & 7-11pm. ID does not give the frequency. The 1040 outlet no longer exists. I took a picture of the SS WFAB-990 which is downtown. All IDs must be in EE. WBT-1110 has control of that frequency at night. I heard KMOX & WIS from Nassau. Cubans all over the band. You think you have it bad? Just move to Nassau or Key West! Then after arriving home I found 6" of snow.

BOB CUROLE - Box 594 - Golden Meadow, Louisiana - 70357

Hi gang! November has come to an end w/39 new stations heard during the month. I still haven't been able to hear a TA though. Drat it! I would have thought to have at least ONE in the log book by now, what with a new HQ-180 & an SM-1 & all but still no luck. No trouble w/LAS, however. I can hardly wait for the NRC Pattern book to come out. It should be real helpful with domestics. Here are some of my most recent loggings. All times are EST. 11/26- WLBB-1100 Carrollton, Ga. @ 4:50pm w/Santa Claus program followed by rr @ 4:55. 11/28- CKWX-1130 Vancouver @ 4am w/NX for Canadian #4, strong signal. 11/30- KFFA-1360 Helena, Ark. @ 9:50pm w/c/w followed by NX @ 10. This may be a bit premature, but one of my New Year's Resolutions is to Muse regularly & often. What do you think of that, ERC? That's t for this issue. Good DX to all. (Great! -ERC)



THE COUNTY BROADCASTING CORP. • 300 WEST SEVENTH ST., PLAINFIELD, N. J. • PL 2-1290

March 22, 1971

Mr Ernest Cooper

438 E 21st St
Brooklyn, N.Y.

Dear Ernie:

Congratulations! This letter is to confirm or OSI your reception and logging of WERA on Fri, March 19, from 12:05 until 12:20 am EST.

WERA is a 500 watt, directional antennae, daytime only station, with studio's and offices located in the Park Hotel Annex, Plainfield; and transmitter at 310 Oak Tree Ave, South Plainfield, N.J.

We transmit a figure eight pattern in a North-South direction, using three 140 ft in line towers. Our Transmitters are RCA type BTA-1R, 1000 watt units operated at half power. The station broadcasts from 6:00 am until local sundown seven days a week. We began operation in Sept, 1961.

We thank your for your interest and comments. (Believe me, if we could get nights or more power we would, but all the stations you mentioned as hearing are exactly the reason. If you can hear them here, they would hear us there. The rules are quite specific: No station will be permitted to cause any interference with any other prior existing facility. As we are sort of new, or jonnny-come-lately, we are hemmed in and frozen.)

If you are ever out our way, and would like to see our installation, you may drop in anytime during normal programming hours. We would enjoy talking with you. Again, Congratulations. (Ah! perseverance.)

Sincerely

Robert Balfour Chief Engineer



ROBERT FOXWORTH
GPO BOX 2111
NEW YORK, N.Y. 10001

All times in IXXD are in GMT. Judging from the size of this week's section, it ought to be possible to predict the size of forthcoming IXXD's by constructing an inverse leading indicator based on the A-index with a seasonal correction factor .. any volunteers? Anyway, the Midwinter Fanork seems to have hit here, hi.

- 550 Cuba. CMAN 0415 11/28 with a YL talking, echo effect // 690. (Dildine, Va.)
- 560 Jamaica. JBC Kingston coming out of "The World Tomorrow" with nice ID at s/off 0530 11/29. Gave sked as 0945-0530 Z. (Edmunds) (ERC, Z = GMT. Ed)
- 611 Morocco. Chanting noted 12/2 0115, presume Morocco. Easily separable from 610 mess, no fading. (Gleason, P.R.)
- ** 625 Costa Rica. TIRICA is now "Radio Omega" with 10 kw, San Jose; no longer is parallel SW. (Gleason, PR)
- 638 Czech. Prague hrd fairly well on 11/16 around 0330, at which hour I believe RNE is silent. (Dangerfield, Pa.)
- 640 Guatemala. TGW hrd here with Cuba and another unID SS which is likely YVQO 0300-0315 12/9. TG had MoR; CM had girl ancr, unID had sports. (Heald, NY)
- 665 Guatemala. TGRT, R. Fabulosa in and out 0415-0508 11/25 with sports event, apparently soccer, lots of ads and post-game commentary from 0446. They mentioned "Fabulosa" from time to time and played the "Percolator" IS noted previously in IXXD. (Rugg, P.Q.)
- 675 Nicaragua. YND 0055 11/27 Latin mx and ads for "Para Mi", "Santa Cecilia", "Gran Plaza" and "Servicia Victoria". (Dildine)
- 700 Jamaica. Tunein 2312 to 2319 f/out 12/2 with WLW looped, "Love Child" ID and relig pgm. Ctry #38 logged. (Dildine)
- 700 Colombia. HJXC 0340 12/2 with several latins under and WLW very weak. Had strange cx that night. (Dildine)
- @ HJXC Cali noted 12/2 0259-0302 with network ID, ment outlets in Barranquilla Cali and others; was not too strong but WLW was way down in semiauroral cx this evening. (Feidt, Md.)
- 711.7 Colombia. Ecos del Combeima, Ibagué hrd here 11/19 at 0315 with a soccer game, Colombia vs. Peru; drifting from 710. (Objio)
- @ HJFT completely separable from WOR 12/1 0400-0430. Very strong with a match of some kind (Soccer?-ed) between Colombia and Cuba. Listed 710. (Dangerfield)
- 719 Jammer 0312-0355 tuneout but gone at 0415 recheck 12/3. Had 4 carrier shifts per sec of about 1 kHz. Very strong, even hrd against SRS-725! (Dildine)
- 720 Jamaica. RJR Kingston hrd with several end-on-end English religion pgms 0415-0500 and on, 11/29. (Edmunds, NJ)
- 725 Surinam. Hrd 0115-0300 12/3, native mx to 0130 followed by "Record Roundup" with girl in Dutch and wall to wall format, no ads. (Dildine, Va.)
- 730 unID. Strange SS LA here looping consistent 165°, suspect a new YV but was too weak to pull ID if there was one, 0500 11/29. (Edmunds)
- 730 Dom. Rep. HIZ good prior to 2300 and later, but mixed with occasionally dominant Radio Trinidad. (Dangerfield)
- 755 Rumania. Lugoj in with time pips and female ancr at 0300 11/16. Like the old times when Timisoara was a regular. Indidentally these pips do not indicate which hour it is. There are always six. (Dangerfield)
- ** 758 Colombia. Radio Nacional, in a letter received from them, they said that this stn is in operation from Zambrano, dpto de Bolivar and that the exact freq is now 760 khz, where it is heard now. Signed by Andrés Pardo Tovar, Jefe de División de Radio Nacional. No power mentioned. Zambrano is a small town on the Magdalena River about 90 miles from the coast (Barranquilla) with some 5,000 inhabitants, this station is used to cover the northern part of the country. (Objio)
- 760 Haiti. Radio Lumière 4VIE, Jérémie hrd IDing in French at 0432 on 11/28 then news in English. (Objio)
- 765 El Salvador. YSKL 0400 11/30 with ID and Latin mx. (Dildine, Va.)

- 830 Cuba. CMCA at 0045 12/3 with "Radio Alber" pgm and ads for "Granma" and the Ministry of Transport. (Dildine, Va.)
- 834 Belize. Very strong, over WCCO and WHAS 0300-0400 12/4. (Bell, Pa.) (Welcome)
- ** @ Belize noted around 0600 with mx 12/9; extended hours likely. (Heald, NY)
- 840 Panama. HOL80 hrd 0502 12/2 with full ID, calls and freqs! Is Radio Aeropuerto off? (Dildine, Va.) This ID hrd 0930 12/6, freqs in "kHz". (Ed.)
- 844 Gilbert/Ellice. May I add this to the volumes: It was very good at 0910 on 11/15 with hymns. (Dangerfield, Pa.)
- 845 Italy. Item here on p.9 of 11/27 MR credits to Feidt, my error, sri. Ed.
- 850 Mexico. XEZF, Mexicali ID faded up into KOA null/KTAC fadeout at 1454 11/29 with ID as XEZF, Radio Essico (or Effico). KTAC was on either night or PSA power then. KGOE also contributing QRM. (Karchevski, Calif.)
- 855 N.W.I. Curom 0240 11/30, instr mx, no armts. (Dildine)
- 860 Brazil. "Mundial" PRA3 with several IDs in mx pgm 0710-0730 11/29. (Edmunds)
- 866 Dom. Rep. HILR very strong 2230 11/28. (Dangerfield)
- 900 Mexico. XEW 0230-0310 with "La Optica Roma" pgm and one from Radio Vatican "para Radio XEW". (Dildine) (date of repton?-ed)
- 900 Barbados. Black Rock noted 11/29 with English-accented talk from 2335; ID by girl as Radio Barbados at 2345 after one minute of OC; into further commentary by a man. Had some QRM from a SS, possibly the Colombian but was certainly not XEW; cx were extremely auroral this evening. (Feidt, Md)
- 910 Venezuela. YVRQ, Radio Aeropuerto on 910 exactly, 0335 11/29, ID. (Edmunds)
- 920 Venezuela. YVQX Porlamar hrd here 0318 11/29 with mention of location and am 99% certain slogan was not the listed "R. Nueva Esparta", am still ckg tape. Maybe PT can get it. HJAE and one other o/u it. (Edmunds)
- 960 Bermuda. ZFB-1 must have been the stn carrying Australian sports results on 11/15 at 0845; was either SE or NW. Any other ideas? Faded into the noise at 0900. (Dangerfield) (Only else I can think of is CFAC, Ban -ed)
- 990 P.R. WPRM Mayagüez hrd here with ID o/u HJDE 0247-53 11/29. (Edmunds, NJ)
- 990 Mexico. XECL Mexicali hrd 1406-1432 11/29. KKIS easy to null. Low power? Several IDs (1411, 1424, 1430) gave call letters and Radio Mundo. At 1430 also said "novecientos noventa" (990); unID s/on at 1431 caused much QRM. All IDs hrd sounded like XEBL. (Karchevski, SFO)
- 995 Ecuador. Despite that the stn here was announced to be "La Voz del Suburbio" some time ago, I hrd it today (11/28) at 0358 and ID as "Súcesos" Guayaquil and pop mx continued. Is this your unID 10/23 MR, Schatz? (Objio)
- 1000 Venezuela. Radio Mil, YVMN Moron solidly covering this spot on 12/1 from 2340 with lively Latin mx, many spots with telephone nos in Moron and Pto. Cabello, and "Radio Mil" IDs; into live sports pickup at 2350; faded. (Feidt)
- 1000 Brazil. Radio Record, PRB9, São Paulo hrd with almost continuous talk, only 2 records and no IDs 0800-0830 11/29. Hrd São Paulo mentioned once, but lang, pgms and loop bearing a dead giveaway. (Edmunds, NJ)
- 1010 Mexico. At 1331-1402 had 2 SS, neither of which played rock, said "H-L" or "musica de pegue", one mentioned Culiacan after "XE--" and suspect XEWS. One (same or different?-rk) said "Radio Esqueta" or phonetically similar. KCHJ helped murder this channel. Strong Eng, maybe CBR, nulled. (Karchevski)
- 1010 Dom. Rep. HIJP Santo Domingo, atop the channel at 0230 11/19 with ID as "Radio Comercial la favorita de los dominicanos" (Rugg, P.Q.)
- 1020 Venezuela. YVRS, La Asuncion, "Radio Margarita" is hrd here almost every night o/u KDKA. I have not been able to put together enough pgm data for a rpt. I can hear them OK but they talk too fast to copy. Last noted at 0459 s/off 11/25. They appeared to give s/on time as 5:55 AM, local. (Rugg, PQ)
- @ YVRS o/unID HJ 0240 11/29. (Edmunds)
- ** 1030 Colombia. Hrd RCN HJ here // HJER-1025 which, contrary to recent reports, is still here; 0235 11/29. Who? (Edmunds) (I can state unequivocally that HJER was, in fact, on 1030 as I hrd 'em there with definite call and slogan ID on 11/8 around 0600, thru WBZ OC, they were about 75 to 100 Hz off freq and no question as to ID. Now perhaps they moved again. Everyone pls chk-ed)
- 1030 Venezuela/Colombia. YVQY, I believe, the dominant LA on a very auroral 11/29 at 2305. On 12/2 at 0400 HJFQ was strong. Both times, WBZ was out of it. (Dangerfield)

- 1030 Cuba. unID Radio Enciclopedia net // 1060 hrd 0640 11/29. (Edmunds)
- 1040 Colombia. HJAI atop the channel 0401-0411 11/25 with mx, commentary and plenty of "Caracol" IDs. (Rugg, PQ)
- 1050 Mexico. XEG 0505 11/28 "Lifeline", ad, in Eng. (Dildine, Va.)
- 1070 Venezuela. YVMA, Radio Zulia, Maracaibo hrd with LA mx, ID 0225-0230 on 11/29. (Edmunds)
- 1080 Venezuela. A very strong Radio Universal at Maracay and using a call that sounded like YVMN s/off at 0400 11/30 after which the normally dominant YVQJ took over. The QRM must be dreadful on Venezuela's north coast. (Dgfid)
- @ R. Universal briefly atop the jumble here 11/30 at 0040-0045 with many mentions of slogan and location. (Feidt, Md.)
- 1080 Mexico. XEDY, Ciudad Morelos, B.C. Is this a suburb of Mexicali? Hrd 1303 to 1325 11/29. KWJJ easy to null, no sign of KRLD but a strong OC present. Mostly fair signal. ID with call letters and "Radio Mil Ochenta" and had several references to Morelos and Baja California. (Karchevski)
- 1100 Antigua. ZDK on 11/30 from 0050 with R&B format, AST TCs and "Zed Dee Kay" IDs, into Zed D K News on the hour. Signal was quite weak but the usually dominant WKYC was even weaker. (Feidt, Md.)
- @ ZDK 0403-0405 s/off with clear ID u/WKYC. (Dildine, Va.)
- 1110 Mexico. XERCN hrd 1228-1259 11/29 when KRLA s/on. Used singing jingle ID "R.C.N. Radio UnUnUn" frequently. KFAB easy to null. (Karchevski)
- 1125 Costa Rica. TIGPH 0333 with 2 IDs and Latin mx 12/2. (Dildine, Va.)
- 1140 Philippines. VoA hrd with Yankee Doodle and ID in Eng. folo by foreign lang, anned as Vietnamese? at 1200 11/29; KGEM s/on killed the rest, QRM from XEXF. (Karchevski)
- 1140 Mexico. XEXF, Romita, Gto. (suburb of Leon, I think-rk) hrd with ID over VoA's Yankee Doodle, above, "el segundo cuatro, XEXF, Radio Bajio, en.." this at 1200 11/29. At 1151 also used whistle type IS of 3 separate notes folo by 3 more, slurred together. (Karchevski, Cal.)
- 1170 Venezuela. YVQV, Radio Acarigua atop WWVA here with SS, frequent IDs and many mentions of Maracaibo, 11/29 and 30 all eve both days. (Edmunds)
- 1180 unID SS hrd 0900 11/14 seemed to mention "Portales" a couple of times. Might have been CB-118, and looped that way. Anyone else hear this? (Dangerfield, Pa.)
- ** 1205 Colombia. Ondas del Meta, HJIG, Villavicencio hrd on this freq with a pgm from another town; quite probably a move from 1350. (Objio)
- 1220 Cuba. CMGY, Perico, Matanzas hrd with soft piano mx from 0355 on 11/30, network ID on the hour was "Radio Veinteseis, cadena provincial. Also mentioned Matanzas and I presume they meant the province and not the city. Is Radio 26 strictly a Matanzas province network? (Feidt, Md.)
- ** 1240.9 Dom. Rep. La Voz de la Libertad, Puerto Plata 11/29 0220 with deejay show, mixed bag of music. ID 0230 as "L.V. de la Libertad" "La Grande en Puerto Plata" then signed off with NA after giving AM and 2 SW freqs. Has been noted since as high as 1242 kHz. (Gleason, P.R.)
- 1250 Libya, possible. On 11/30 on hearing an exceptionally strong signal at 2245 from 1124, I tried here and heard-what through the other stations-sounded like // programs. (Dangerfield, Pa.)
- 1269.2 Reloj Nacional, Cuba noted 11/29 0130 with news and background ticking, was hrd following nights. (Gleason, P.R.)
- 1320 Puerto Rico. WUNO hrd briefly atop channel with Spanish rock and "Radio Uno" jingles 0113 11/29. (Edmunds, NJ) (Acc to Broadcasting, WUNO has applied for mod of lic to make San Juan city of license -ed.)
- ** 1355 Colombia. Emisora José Antonio Galán, HJGI, Socorro hrd moved to this freq on 11/22 IDing at 0245. It seems they do prefer split freq as they were on 1365, moved to 1360 (the correct freq) and now 1355. (Objio, D.R.)
- 1359.6 Colombia. HJRR, Radio Reloj, Cartagena hrd here in aurora atop 1360 and a low het with SS and Latin mx, ID 0055-0103 11/29. (Edmunds, NJ)
- 1375 Costa Rica. Radio Monumental, TIMAR Limón noted 11/4 0450 with "La Palabra de Costa Rica" newscast. News items had lots of electronic noises used as separators. Was // 1463 kHz. (Gleason, P.R.)

Have to close out and get to the P.O. before closing; hope BPC can finish up.

- 1430 Venezuela. R. Estelar, YVZI, Guanare, heard for the first time on 11/28 IDing at 0154 and announcing a cycle competition "Naturalmente por Radio Estelar", after that, pop mx; they mentioned freq as 1440. (Objio) To Jerry Starr: stations logged on this channel today are "R. Baragua, CMKZ", "R. Tiempo, WNEL, Puerto Rico"; and heard today is "R. Estelar", a new one. Which one is yours? (Objio)
- **1441.6 Dominican Republic. HI--, R. Pedernal (or Pedernales), in Pedernales. "La Voz de la Froutera" on initial ET 11/4 0520 with music and requests for reports. Fair signals. New station. (Gleason)
- 1458 Unidentified. "This is London" ID hrd on 11/22 at 0300 giving the time in EE and "BBC World Service"; after the pips at the exact time the news was given; quite strong and clear. DF was 355°/175°; anybody know anything about this? On 11/28 I heard R. Sincelejo, HJAL, Sincelejo, Colombia here with pop music ID'ing at 0305; no sign of London or any station in EE at that time. (Objio) Very strange, Cesar; suspect off the air relay from a LA station and not BBC in England for the following reasons: The TA channel for BBC is 1457 and BBC is probably the most scrupulous broadcaster in the world insofar as being exactly on frequency is concerned; also the bearing is quite far off for Europe although there is always the possibility of the bearing being pulled by an inaudible LA underneath on the same channel. DF on a channel with several carriers can be very tricky without a scope. (GPN)
- 1465 Colombia. R. Porvenir, it seems to be a new station or a change of name from Radio Palonegro, ID at 0340 on 11/22, too close to R. Monumental on 1462 (Costa Rica); could not get any more information. (Objio)
- 1530 Mexico. XEUR 0531 Mexican mx and ID; QRM from another LA with same direction of null. Mexican #8 logged. (Dildine)
- 1575 Costa Rica. TIJ, R. Columbia, Cd. Quesada, noted poorly 11/4 0455 with mx and talk; assume this one since the HJ left the air earlier. (Gleason, P.R.)
- 1602 Germany. Munich in at 0330 12/3; fair signal and hopefully signalling a return of the TA's. (Dangerfield, Pa.)

VERIFICATIONS

- 540 Mexico. XEWA sent red, white, and yellow v/q in 1 month; bilingual verie text, no v/s. Mentions tower is 240 meters high. (Portzer, Wash.)
- 665 Ecuador. HCLG2, R. Carrousel, Guayaquil; received QSL card from NRC'er Dave Gleason. Thanks Dave. (Andy Rugg, P.Q.)
- 700 Japan. NHK v/q with freq incorrectly typed in as 770; f/up sent. (Portzer)
- 834 Belize. Standard v/q in 1 mo.; Ctry #18. (Portzer)
- 1180 Dominican Republic. HIBE, R. Mil, handwritten v/1 on plain stationary from Paulina Beras. (Starr, O.)
- 1570 Mexico. XERF sent v/q in 2 weeks; A.P. 98, Ciudad Acuna. (Portzer)

[Above completed from Foxy's original copy by GPN at HQ; gee it feels strange to be typing Monitor Reports, I have the feeling I've done this before...]

Radiocadena Central, El Salvador now consists of:

YSDR	580	1000 watts	Radio Occidente, Santa Ana.
YSDM	1080	1000	Radio Oriente, San Miguel
YSKT	820	10000	San Salvador (+ affiliate)
YSEM	1080	1000	Radio Juventud, San Salvador

Correct 11/13 NRC YS-list for 580 and 820, power on 1080-YSDM. -Dave Gleason.

After sending the YS-list that appeared this week, I have a couple of changes. YSU "L.V. Suprema del Espacio" net has new parallel stations in Ahuachapan, Usulután and Sonsonate. All, according to YSU, are on "1050" although I suspect that they are on 1040 and 1060 and possibly 1030 or 1070 .. a la the YSR and YSKL nets. YSU now has 6 AM stations. The address of Radio Cadena Central (stations above) is 25 Calle Poniente 113, San Salvador. Lic. José Roberto Durán P., Gerente Administrativo. -Dave Gleason.

A few lines for IDXD. DX here for TAs is the best since 1964. Hrd almost nightly here. New veries here are Vinnitza-1546 for country #95. EAK35, Radio Popular de Las Palmas-836 for country #96 and La Coruna-638. The veri signer for the Canary Island station EAK35 is Jose A. Baeza Betancourt. The veri signer for La Coruna cannot be deciphered here. What a signature! The Vinnitza veri had no signer. New reports are out to El Beida, Libyan Arab Rep-1124 who were logged with a very good signal 10/18 from 0000 to 0020. On 10/19, two other Canary Is. stations were heard besides 836; the one on 894 was overpowered by WLS and was too rough to copy. The other Canary Is. station on 953 was in and out with the Spaniard on the same freq. Vilnius-1106 has been good at 2330 and also after 0200. This has been the best received USSR station here. Lebanon-836 was good during Ramadan after 0000; likewise the Algerian on 548. Many other of the commonly heard TAs were heard and the dials have been loaded with TAs. I am not doing any early-morning DX due to long working hours but sure would like to try for some of them birds such as Tarawa, etc. Maybe some day! -Hilding Gustafson.

Those DXers who are interested in further research on Grounds, after reading Nelson's article in the 11/27 DX News are referred to the following articles:
 "Some notes on Ground Systems for 160 Meters" QST April 1965, p.65 (3 pp.)
 "Practical Ground Systems for Radio Communications" 73 Magazine Feb. 1964, p. 52 (8 pp.) (This is the best for our purposes -ed.)
 "Witching for Better Grounds" 73 Magazine p. 46 March 1968 (4 pp.)

If unavailable locally, in your library or from radio hams, photocopies may be obtained from Bob Foxworth for 5¢ per page + 8¢ postage, payment in stamps OK. This is not part of the NRC Reprint Service, so please don't write to Mark Katz.



RADIO ETHIOPIA		
P. O. Box 1020,	ADDIS ABABA	
Place	Kc.	Kw.
Addis Ababa 873, 8185, 9610	100 ea.	
Asmara	944	50
Harrar	854	100
TIMES: M-F, GMT 0330-0600, 1000-1300, 1430 - 2000; Sat. 0330 - 2000; Sun. 0500 - 2000.		
LANGUAGES: Amharic, English, Somali, Arabic, French, Afar		
YOUR QSL CONFIRMED		

VENEZUELA MEDIUM WAVES STATIONS

540	YVSI	50	R.Nacional, Maracaibo, Zulia
550	YVKE	10	R.Musical-Canal 55, Caracas, D. F.
560	YVSM	50	R.Nacional, Mérida, Mérida
570	YVLK	200	R.Rumbos, Villa de Cura, Aragua
580	YVMJ	10	La Voz de la Fe, Maracaibo, Zulia
590	YVKL	20	R.Continente, Caracas, D. F.
600	YVQB	10	R.Sucre, Cumaná, Sucre
610	YVSE	10	R.Cristal, Barquisimeto, Lara
620	YVNO	10	R.Libertad, Cabimas, Zulia
630	YVKA	10	R.Nacional, Caracas, D. F.
	YVSL	10	R.Nacional, San Cristóbal, Táchira
640	YVQO	10	Ondas Porteñas, Puerto la Cruz, Anzoátegui
650	YVLH	50	R.Girardot, Maracay, Aragua
660	YVNA	10	Ondas de los Médanos, Coro, Falcón
670	YVLL	50	R.Rumbos, Caracas, D. F.
680	YVQR	10	R.Cumaná, Cumaná, Sucre
690	YVMR	50	R.Barquisimeto, Barquisimeto, Lara
700	YVMH	10	R.Popular, Maracaibo, Zulia
710	YVKY	5	R.Capital, Caracas, D. F.
720	YVQE	10	R.Nacional, Porlamar, Nueva Esparta (Isla Margarita)
730	YVMT	10	R.Universo, Barquisimeto, Lara
740	YVNC	10	R.Maracaibo, Maracaibo, Zulia
750	YVKS	10	R.Caracas, Caracas, D.F.
760	YVQQ	10	R.Puerto la Cruz, Puerto la Cruz, Anzoátegui
770	YVKK	50	R.Nacional (R.N.70), Valencia, Carabobo
780	YVOD	10	Ecos del Torbes, San Cristóbal, Táchira
790	YVKK	5	R.Dif.Venezuela, Caracas, D. F.
800	YVOV	10	R.Perijá, Villa del Rosario, Zulia
810	YVLF	10	R.Ochocientos Diez (810), Valencia, Carabobo
820	YVSH	10	R.Guayana, Upata, Bolívar
830	YVLT	10	R.Miranda, Los Teques, Miranda
840	YVMY	10	R.Juventud, Barquisimeto, Lara
850	YVLD	10	R.Valencia, Valencia, Carabobo
860	YVOL	10	R.Ochocientos Sesenta (860), San Cristóbal, Táchira
870	YVKU	5	R.Libertador, Caracas, D. F.
880	YVMP	10	R.Lara, Barquisimeto, Lara
890	YVLW	10	R.América, Valencia, Carabobo
900	YVMD	10	R.Mara, Maracaibo, Zulia
910	YVRQ	10	R.Aeropuerto, Maiquetía, D. F.
920	YVQX	10	R.Nueva Esparta, Porlamar, Nueva Esparta(I.Margarita)
930	YVLJ	10	R.Maracay, Maracay, Aragua
940	YVNN	10	R.Punto Fijo, Punto Fijo, Falcón
950	YVKG	5	Ondas Populares, Caracas, D. F.
960	YVRB	10	R.Monagas, Maturín, Monagas
	YVSS	10	R.San Sebastián, San Cristóbal, Táchira
970	YVLR	10	R.Central, Maracay, Aragua
	YVTS	1	R.Isnotú, Isnotú, Trujillo
980	YVTB	10	Exitos 980, Maracaibo, Zulia
	YVQM	10	La Voz del Tigre, El Tigre, Anzoátegui
990	YVRT	10	R.Tropical, Caracas, D. F.
	YVTA	10	R.Tricolor, Barquisimeto, Lara
1000	YVOB	10	La Voz del Táchira, San Cristóbal, Táchira
	YVNM	10	R.Mil, Morón, Carabobo
1010	YVPC	10	R.Aragua, Cagua, Aragua
	YVQE	10	R.Bolívar, Ciudad Bolívar, Bolívar
1020	YVSF	10	R.Caripito, Caripito, Monagas
	YVRS	10	R.Margarita, Asunción, Nueva Esparta (Isla Margarita)
	YVMX	10	R.Calendario, Maracaibo, Zulia

1030 YVQY 1 R.Guanare, Guanare, Portuguesa
 YVTD 1 R.Valles del Tuy, Ocumare del Tuy, Miranda
 1040 YVLB 10 La Voz de Carabobo, Valencia, Carabobo
 YVON 10 R.Los Andes, Mérida, Mérida
 1050 YVKZ 10 R.Nacional (R.N.70), Caracas, D. F.
 YVNU 1 R.Caroní, San Félix, Bolívar
 1060 YVNO 10 R.San Cristóbal, San Cristóbal, Táchira
 YVLN 1 R.Guárico, San Juan de los Morros, Guárico
 1070 YVKW 1 Emisora Vargas, La Guaira, D. F.
 YVMA 10 R.Zulia, Maracaibo, Zulia
 1080 YVQJ 10 R.Barcelona, Barcelona, Anzoátegui
 YVNR 10 R.Universal, Maracay, Aragua
 1090 YVPB 10 R.Yaracuy, San Felipe, Yaracuy
 YVSY 10 R.Exitos 1090, Caracas, D. F.
 YVTG 1 R. Machiques, Perijá, Zulia
 1100 YVOP 1 R.Occidente, Tovar, Mérida
 YVSW 10 R.Angostura, Ciudad Bolívar, Bolívar
 1110 YVQT 10 R.Carúpano, Carúpano, Sucre
 YVXR 10 R.Mía, Valencia, Carabobo
 1120 YVMF 10 Ondas del Lago, Maracaibo, Zulia
 1130 YVRU 10 R.Litoral, Macuto, D. F.
 YVPY 1 R.Amazonas, Puerto Ayacucho, Amazonas
 1140 YVMU 10 R.Carora, Carora, Lara
 YVOO 1 R.Frontera, San Antonio del Táchira, Táchira
 1150 YVMV 10 Ondas del Caribe, Punto Fijo, Falcón
 YVQD 1 Ecos del Orinoco, Ciudad Bolívar, Bolívar
 1160 YVSD 10 R.Turismo, Valera, Trujillo
 YVRR 10 R.Industrial, Guarenas, Miranda
 1170 YVQV 10 R.Acarigua, Acarigua, Portuguesa
 YVPX 1 R.El Sol, La Fría, Táchira
 1180 YVOR 10 R.Maturín, Maturín, Monagas
 YVNI 10 R.Petrolera, Ciudad Ojeda, Zulia
 1190 YVRE 10 R.Barinas, Barinas, Barinas
 YVZD 1 Surcos Culturales Andinos, San Cristóbal, Táchira
 1200 YVOZ 10 R.Tiempo, Caracas, D. F.
 YVWH 1 Ondas del Escalante, Santa Bárbara del Zulia
 1210 YVMN 10 R.Coro, Coro, Falcón
 YVQZ 10 La Voz de Anaco, Anaco, Anzoátegui
 1220 YVRD 10 La Voz de Apure, San Fernando de Apure, Apure
 YVTU 1 R.Regional, Machiques, Zulia
 1230 YVOH 10 R.Valera, Valera, Trujillo
 YVNT 10 R.Barlovento, Caucagua, Miranda
 1240 YVLQ 1 La Voz de la Victoria, La Victoria, Aragua
 YVSF 1 R.Caripito, Caripito, Monagas
 1250 YVPZ 10 R.Puerto Ordaz, Puerto Ordaz, Bolívar
 YVML 1 R.Cabimas, Cabimas, Zulia
 1260 YVRY 1 R.Horizonte, Nirgua, Yaracuy
 YVMR 10 R.Espacial, Caracas, D. F.
 1270 YVOU 1 Ondas Panamericanas, El Vigía, Mérida
 YVTR 1 R.Tucupita, Tucupita, Delta Amacuro
 1280 YVNB 1 La Voz de la Sierra, Churuguara, Falcón
 YVQS 1 R.Zaraza, Zaraza, Guárico
 1290 YVLF 1 R.Puerto Cabello, Puerto Cabello, Carabobo
 YVPF 1 R.Canaima, Ciudad Guayana, Bolívar
 1300 YVKH 10 R.Crono Radar, Petare, Miranda
 YVNS 1 R.Reloj, Maracaibo, Zulia
 1310 YVZX 5 R.República, Maturín, Monagas
 1320 YVZR 1 R.Continental, Barinas, Barinas
 YVSG 5 R.Colonial, El Tocuyo, Lara
 YVSA 1 R.Centro, Tinaquillo, Cojedes

1320 YVWP 1 R.Apolo, Turmero, Aragua
 1330 YVOY 1 R.Los Llanos, Calabozo, Guárico
 YVTI 1 R.San Rafael, El Moján, Zulia
 YVPJ 1 R.Rubio, Rubio, Táchira
 1340 YVNE 1 R.Metropolitana, Baruta, Miranda
 YVQU 10 R.San Carlos, San Carlos, Cojedes
 1350 YVWI 1 R.Agrícola de V., Ospino, Portuguesa
 YVZZ 1 R. San José de Guanipa, El Tigrito, Anzoátegui
 1360 YVTW 1 R.Occidental, Chivacoa, Yaracuy
 YVTZ 1 R.Guaicaipuro, Charavalle, Miranda
 YVLT 1 La Voz del Sur del Lago, Caja Seca, Zulia
 YVTI 1 R.Catatumbo Internacional, Maracaibo, Zulia
 1370 YVLO 1 R.La Pascual, Valle de la Pascua, Guárico
 YVSV 5 R.Portuguesa, Araure, Portuguesa
 1380 YVOW 1 R.Boconó, Boconó, Trujillo
 YVJC 5 R.Soledad, Soledad, Anzoátegui
 YVJD 5 R.Atlántico, Puerto Cabello, Carabobo
 1390 YVTT 5 R.Terepaima, Cabudare, Lara
 YVZA 1 R.Cultural La Voz de la Patria, Caracas, D. F.
 YVZC 5 R.Cultural Selecta, Maracaibo, Zulia
 1400 YVJB 1 R.Sabana, El Sombrero, Guárico
 YVZT 5 La Voz de Anzoátegui, Barcelona, Anzoátegui
 YVZJ 5 R.Llanera, Barinas, Barinas
 1410 YVST 5 R.Turén, Turén, Portuguesa
 YVZU 1 R.Cultural, Aragua de Barcelona, Anzoátegui
 YVNY 1 R.Güiria, Güiria, Sucre
 1420 YVOF 1 R.Trujillo, Trujillo, Trujillo
 YVZO 5 R.Petroquímica, Maracaibo, Zulia
 1430 YVZY 5 R.Barinitas, Barinitas, Barinas
 YVSU 1 R.Bahfa, Tucacas, Falcón
 YVJA 5 R.Guacara, Guacara, Carabobo
 YVZI 5 R.Estelar, Guanare, Portuguesa
 1440 YVRF 1 R.Orituco, Altagracia de Orituco, Guárico
 YVTY 1 R.Sucesos, Tariba, Táchira
 1450 YVOK 1 R.Universidad, Mérida, Mérida
 YVZF 1 R.Cultural, Caracas, D. F.
 YVZQ 1 R.El Tablazo, Puerto Altagracia, Zulia
 1500 YVZB 1 R.Cultural Politécnico, Barquisimeto, Lara
 1530 YVZG 1 R.Cultural, Mérida, Mérida

do it 

AT YAD-TWO....COMING
 EASTER WEEKEND 1972!

.....you may even become an
 honorary *YADKIN* in our
 super-secret-society.

NRC LOG UPDATER ● 12-1-71

Vol. 3, #2

560	WIND-IL	SCH: s/off 0400 daily	1210	WCAU-PA	SCH: 24 hrs NSP
	WQAM-FL	SCH: s/off 0100 daily	1230	KGHS-MN	PWR: 250w day
570	WAAX-AL	SCH: s/off 0015, ADD: 570 Rainbow DR., zip: 35901		KYSM-MN	SCH: NSP
580	WKTY-WI	SCH: AN-6		WJOY-VT	SCH: 24 hrs.
	KCMX-OR	ex KWIN	1240	KDZA-CO	SCH: 24 hrs. SP MM
600	WREC-TN	SCH: s/off 0100 MM		KRDO-CO	SCH: 24 hrs.
	WMT-IA	SCH: s/off 0200	1270	WJTN-NY	SCH: 24 hrs.
610	CHTM-MB	SCH: 24 hr., SP MM 0100-0700		WAIN-KY	ADD: E. Hwy. 206, Columbia-42728
620	WVMT-VT	SCH: 24 hrs.		WWCA-IN	SCH: s/off 0100 daily
630	WMAL-DC	SCH: 24 hrs. NSP	1280	KFYV-CA	ex KOAG
	KDWB-MN	SCH: s/off 0200	1310	WLSW-WV	CP is on
680	WPTF-NC	SCH: off MM irreg.	1350	WTK-NC	SCH: 24 hrs.
	WAPA-PR	SCH: 24 hrs. NSP	1360	KTOH-HI	SCH: s/off 0400
690	KHEY-TX	SCH: 0700(0900) -0200		WBAY-WI	SCH: SP MM 0300-??
	WZAP-VA	NET: M		KRYS-TX	SCH: NSP
850	KTAC-WA	SCH: 24 hrs.		WSAI-OH	SCH: 24 hrs. Off MM
860	WDMG-GA	SCH: s/on 0500	1380	KZIQ-CA	ex KBRV, CP for deleted facilities
920	KELP-TX	SCH: NSP		WKMI-MI	SCH: delete AN, s/on 0500
930	WLLL-VA	ADD: Box 1510		KRWC-MN	(Buffalo GP) now on
940	KIOA-IA	SCH: off MM irreg.		WMEE-IN	ex WKJG, SCH: 24 hrs., SP MM 0100- 0600, ADD: Box 2608 Station D, 46808
	CJIB-BC	ADD: 3315-B 30th Ave.		WAOK-GA	SCH: MM s/on 0500
950	WBBF-NY	SCH: 24 hrs. NSP	1390	CKLC-ON	ADD: Box 1030
	KWKH-AR	ex KXJK	1400	WFMJ-OH	SCH: delete
	KDSX-TX	SCH: 0558(0700)- 0105		KAOK-LA	SCH: 24 hrs., SP MM 0300-0600
	KPRC-TX	SCH: 24 hrs. SP MM 0100-0500		WMIN-MN	SCH: delete AN, 0600-0100 SP
	KSEL-TX	SCH: 24 hrs. SP MM 0100-0700	1410	WHLN-KY	zip: 40831
960	CHNS-NS	SCH: s/on MM 0400 delete NSP	1430	WIZM-WI	ex WKBH
	WUPY-WI	ex WCKD	1440	CKFH-ON	CP is on
	WEBR-NY	SCH: 24 hrs.		WAJR-WV	SCH: delete
980	WTRY-NY	SCH: 24 hrs. SP MM	1450	KILO-ND	SCH: s/off MM 0202
1060	KAMA-TX	CP (El Paso) zip: 79901		CJOI-AB	SCH: 24 hrs., ADD: Box 1000
1070	KENR-TX	SCH: NSP		WENZ-VA	SCH: 24 hrs., SP MM 0100-0500
1080	WPNS-WV	ADD: Box 454		KYOR-CA	SCH: 0900(0100)- 0200(0000)
1110	WBT-NC	SCH: delete		KOWN-CA	SCH: 0900(0100)- 0300(0200)
1130	KWKH-LA	SCH: delete		KPSI-CA	NET: delete, ADD: 174 N. Palm Canyon Dr. zip 92262
1150	CKIQ-BC	CP (Kelowna) ADD: 2419 Harvey St.			Correct
1170	-MO	CP (Jackson) zip: 63755		KTIP-CA	ADD: 1231 Market St.
1180	WHAM-NY	SCH: 24 hrs., SP Fri., Sat., & Sun. AMs		KSET-CA	NET: delete
1190	KAYQ-MO	SCH: NSP		KVML-CA	SCH: 0800(0900)- 0100
				KGIW-CO	SCH: 0800-0100, NET: A1, Spelling Greeley
				KYOU-CO	

1450	WNAB-CT	Correct	1480	WHOM-NY	SCH: 24 hrs., SP MM 0000-?
	WILM-DE	Correct		WHBC-OH	SCH: 0003-0500 SP MM
	WMPJ-FL	Correct		WAME-NC	sch; MM SP 0000- 0500
	WOCN-FL	ADD: 801 S. Bay- shore Dr., zip: 33131, NET: A? delete M	1490	-IL	CP (E. St. Louis) zip: 62200, ANT: 1000/250 U1
	WBSR-FL	Correct		KOJC-WY	ex KIME
	WSTU-FL	NET: A1, SCH: 0500-0100		WLCX-WI	SCH: NSP
	WTAL-FL	Correct	1510	-PA	CP (Honesdale) zip 18431
	KLWW-IA	NET: delete	1530	WOBR-NC	ADD: Box 158
	KWBW-KS	Box 1036	1560	WDXR-KY	SCH: 24 hrs., off MM
	WATZ-MI	ADD: Box 536, SCH: 0530-2315		WSHY-IL	CP is on, ADD: Box 343
	WHTC-MI	Correct	1580	KWIF-CA	ADD: delete Hills- borough from ADD
	WIBM-MI	Correct	1590	WVNA-AL	ADD: 501 N. Main St. CP (Milton) zip 25541
	WKLA-MI	Correct	1600	-WV	
	WNBV-NI	Correct		WNEU-WV	ex WHLL
	KWBE-NE	SCH: 0600(0700) -0100(0000)			
	WCTC-NJ	Correct			
	KGCA-ND	SCH: 0700(0900) -2315(2100)			
	KBMW-ND	LOC: Wahpeton, ND & Brecken- ridge, MN. Mail- ing ADD is cor- rect, SCH: 0700 (0800)-0100(0000 Sat., 2300 Sun)			
	KONE-NV	Correct			
	WKXL-NH	SCH: 0600(0800) -2315(2215)			
	WFRA-PA	Correct			
	WDAD-PA	Correct			
	WJPA-PA	Correct			
	WCPR-PR	Spelling: Coama			
	WSVP-RI	Correct			
	KBEN-TX	ADD: Box 335, SCH: 0700(0900) -2100(1800)			
##	KCTI-TX	ADD: 425 ST. George St.			
**	KMBL-TX	SCH: 0730(1030) -2300(1900)			
	KMHT-TX	Correct			
	KNET-TX	SCH: 0655(0800) -0000(0100)			
	KSNY-TX	Correct			
	WPAR-WV	Correct			
	KBBS-WY	NET: A1, delete M, ADD: 90 S. Main, SCH: 0800 (0930)-0000(2010)			
	KVOW-WY	NET: A1, delete M, SCH: 0800-0000			
1460	WBNS-OH	SCH: 24 hrs NSP			
	WHEC-NY	SCH: s/off 0100 daily			
1470	WNEU-WV	delete station			

%%--Correction from last updater.
 ##--Additional info:
 1450 KCTI-TX SCH: 0730(1030)-
 2300(1900)
 ***-delete included SCH in this
 list. SCH should read as follows:
 1450 KMBL-TX SCH: 0700(0800)-
 2300

Standard abbreviations used in
 updaters are:
 CP: Construction permit
 CH: Critical hours
 ANT: Antenna pattern
 SCH: Schedule
 p : PSA
 PWR: power
 ADD: Address
 LOC: Location
 NET: Network

Stations listed as "correct" do
 not necessarily pertain to its
 listing in the Log, but it may
 pertain to a previous updater.

Corrections and additions to the
 NRC Domestic Log should be sent
 to me, unless you have info for
 DDXD and in that case send it to
 Russ Edmunds.

This list was compiled by John
 P. Lombardo-23 Grove Ter. Irv.,
 N.J. 07111

THE 1972 FREQUENCY CHECK LIST

All times are in EASTERN LOCAL TIME, except those checks with underlined times plus all Michigan checks. In these cases, the check is run based on standard time throughout the year.

FIRST MONDAY

Table listing radio stations and frequencies for the first Monday of the month. Includes stations like WFTC NC, WGHN Mich, WTLB NY, etc.

FIRST TUESDAY

Table listing radio stations and frequencies for the first Tuesday of the month. Includes stations like WSNJ NJ, WJJJ Va, etc.

Table listing radio stations and frequencies for the first Monday of the month (continued). Includes stations like KCOG Iowa, KSCB Kans, etc.

FIRST WEDNESDAY

Table listing radio stations and frequencies for the first Wednesday of the month. Includes stations like KJSK Neb, WKKE Fla, etc.

FIRST THURSDAY

Table listing radio stations and frequencies for the first Thursday of the month. Includes stations like WPTS Pa, WPAD Ky, etc.

FIRST FRIDAY

Table listing radio stations and frequencies for the first Friday of the month. Includes stations like WHEG Va, WJLK NJ, etc.

FIRST SATURDAY

Table listing radio stations and frequencies for the first Saturday of the month. Includes stations like WWLE NY, WGRY Mich, etc.

FIRST SUNDAY

Table listing radio stations and frequencies for the first Sunday of the month. Includes stations like KCII Iowa, WMAV Ill, etc.

Table listing radio stations and frequencies for the first Friday of the month (continued). Includes stations like WDAN Ill, KICX Neb, etc.

SECOND MONDAY

Table listing radio stations and frequencies for the second Monday of the month. Includes stations like WGMF NY, WATS Pa, etc.

SECOND TUESDAY

Table listing radio stations and frequencies for the second Tuesday of the month. Includes stations like WBEET Va, WSFC Ky, etc.

SECOND TUESDAY (Cont'd)

Table with columns for time, call letters, state, and time. Includes stations like WCVA Va, WMTD WVa, KCHR Mo, etc.

SECOND WEDNESDAY

Table with columns for time, call letters, state, and time. Includes stations like WGHC NY, KDTH Iowa, WHUB Tenn, etc.

SECOND THURSDAY

Table with columns for time, call letters, state, and time. Includes stations like WIDG Mich, WOTR Pa, KEDD Kans, etc.

SECOND FRIDAY

Table with columns for time, call letters, state, and time. Includes stations like WRD1 NJ, WHBG Va, WJLK NJ, etc.

Table with columns for time, call letters, state, and time. Includes stations like @WQIC Miss, *WLIQ Ala, *KFJB Iowa, etc.

SECOND SATURDAY

Table with columns for time, call letters, state, and time. Includes stations like *WFSR NY, *KNLV Neb, *WCCR Ill, etc.

SECOND SUNDAY

Table with columns for time, call letters, state, and time. Includes stations like *KSCJ Iowa, *KALO Ark, *WBFJ Tenn, etc.

THIRD MONDAY

Table with columns for time, call letters, state, and time. Includes stations like WSKS NC, WHAV Mass, *WGMF NY, etc.

THIRD MONDAY (Cont'd)

Table with columns for time, call letters, state, and time. Includes stations like WLLL Va, *WAAO Ala, *WHSC SC, etc.

THIRD TUESDAY

Table with columns for time, call letters, state, and time. Includes stations like @WTHU Md, *WVEE Va, *WVED Va, etc.

Table with columns for time, call letters, state, and time. Includes stations like *KBRX Neb, *WTPA Ala, @WSGO NY, etc.

\$ - Tues. after 2nd Mon. / - Tues. after 3rd Mon. a - Jan. and April b - March and Sept. c - Tues. closest to 15th of mo. d - July and October.

THIRD WEDNESDAY

Table with columns for time, call letters, state, and time. Includes stations like @KDKK Tex, *KGHS Minn, @KTEO Tex, etc.

THIRD THURSDAY

Table with columns for time, call letters, state, and time. Includes stations like *WNMT Ga, *WJZM Tenn, *WTLQ Mich, etc.

THIRD THURSDAY (Cont'd)

Table with columns for time, call letters, state, and time. Includes entries like 0215-0230 *WPRY Fla 1400 t.

THIRD FRIDAY

Table with columns for time, call letters, state, and time. Includes entries like 0000-0015 @WCDL Pa 1440 T.

THIRD SATURDAY

Table with columns for time, call letters, state, and time. Includes entries like 0030-0045 @WBHC SD 1270 T.

a - check conducted twice yearly
b - 3rd or 4th Sat.
c - 2nd or 3rd Sat.

THIRD SUNDAY

Table with columns for time, call letters, state, and time. Includes entries like 0100-0115 @WSYL Ga 1490 T.

FOURTH MONDAY

Table with columns for time, call letters, state, and time. Includes entries like 0000-0015 @WOMS Va 1050 M.

FOURTH TUESDAY

Table with columns for time, call letters, state, and time. Includes entries like 0000-0015 @WPEL Va 810 T.

FOURTH MONDAY (Cont'd)

Table with columns for time, call letters, state, and time. Includes entries like 0255-0310 KVRA SD 1570 T.

FOURTH TUESDAY

Table with columns for time, call letters, state, and time. Includes entries like 0000-0015 @WPEL Va 810 T.

FOURTH WEDNESDAY

Table with columns for time, call letters, state, and time. Includes entries like -0010 @WCFR Vt 1480 T.

a - checks bi-monthly

FOURTH THURSDAY

Table with columns for time, call letters, state, and time. Includes entries like 0000-0015 WIKI Va 1410 T.

FOURTH FRIDAY

Table with columns for time, call letters, state, and time. Includes entries like 0000-0015 @WCDL Pa 1440 T.

FOURTH SATURDAY

Table with columns for time, call letters, state, and time. Includes entries like 0100-0115 KLEE Iowa 1480 T.

FOURTH SUNDAY

0100-0115 *KCKW La 1480 T
 0115-0130 WRFC Ga 960 T
 0615-0630 @KDXI La 1360 T/
 0650-0700 @KINE Tex 1330 T/
 / - Sunday after 3rd Sat.

27th of the month
 0345-0400 *KWYS Mont 920 TQ2

30th of the month
 0100-0115 *KGMW Mo 1550 T
 0115-0130 KOUR Ia 1220 T

1st of the month
 0515-0530 KQWB ND 1550 T

5th of the month
 0230-0245 *KGFY SD 1060 TQ3

RE: KSFA-860 check (1st Tuesday), the times are as follows -
 Feb. and October - 0645-0700
 April and August - 0630-0645
 June - 0600-0615
 Dec. - 0645-0700

KEY TO SYMBOLS

Basic symbols;

* Regular check per consistent reception or per verie.
 @ Regular check per monitoring company that contributed to this list.

T Station checks with tone.
 t Station checks with 'dial tone'.
 M Station checks with music.
 O Station checks with unmodulated open carrier.
 C Station gives identification in Morse Code.

Symbols relating to months checks are aired -

Q Checks made quarterly (every 3 months).
 Q1 Checks are made 1, 4, 7, 10 months only.
 Q2 Checks are made 2, 5, 8, 11 months only.
 Q3 Checks are made 3, 6, 9, 12 months only.
 m Checks are made bi-monthly, odd months (1, 3, 5, 7, etc.).
 M Checks are made bi-monthly, even months (2, 4, 6, 8, etc.).
 L Check made the last week of the month.

Other symbols are defined in the frequency check list.

ACKNOWLEDGEMENTS

This list has been a combined effort of three clubs (IRCA, NRC, and NNRC). On behalf of the three clubs, we would like to sincerely thank the six monitoring companies that contributed their schedules. They include Hutton Monitoring Service, Anderson Radio Engineering Co., and Standard Frequency Measurements, Inc.

Don Erickson and Mike Northam together produced an alphabetic list of checks from the 1971 IRCA list, which greatly improved the accuracy of the current list.

The following IRCA members contributed lists of the checks they heard during the past season: Al Ogrizovich, Larry Black, Ralph Kempfer, Steve Kamp, Steve Oster, Lee Freshwater, George

Sherman, Al Lagomarsino, Joe Markewicz, Dan Sheedy, Philippe Lythway, Bruce Portzer, and Chuck Albertson. The lists sent in by Al Ogrizovich and Larry Black were especially long lists.

Stewart Drake of the National Radio Club also contributed a long list of checks.

Russ Edmunds of the National Radio Club also gathered considerable frequency check information by contacting many stations in N.J., N.Y., and Pa.

Many of the f/cs listed this year appear as a result of DX tips contained in the bulletins of the IRCA and NRC.

HOW TO USE THE 1972 FREQUENCY CHECK LIST

All times listed (except as previously noted) are Eastern Local Time. Thus the times correspond to EST during the winter and Eastern Daylight Time during the summer.

Dates on the list are literal. For example, KJSK tests the First Wednesday morning from 0100-0130 ELT, which would correspond to 2200-2230 the preceding Tuesday night for a listener in the Pacific time zone.

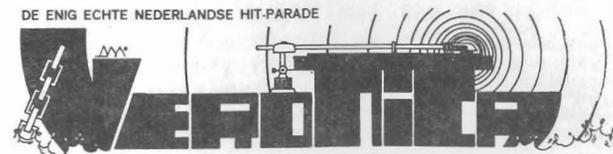
Not all times on the list are precise. A DXer may have reported hearing KFUN at 0305 in the DX Roundup; the check may have begun or ended at 0305, but it is included in this list as 0300-0315. It's a good idea to listen to a frequency several minutes before and after the listed time to increase your chances of hearing a check.

Stations that are not listed as checking with tone or music probably do test with tone. Most stations testing with dial tone are located in the South.

Please don't send a tentative reception report to a station if you hear only a tone at the listed time and no ID. Many of the checks listed here were contributed by monitors on the condition that only definite reports be sent. Please distinguish between tentative and positive IDs on f/cs when reporting them to the DX Roundup, Musings, or DXDD.

This list was jointly prepared by Larry Godwin (IRCA), Russ Edmunds (NRC), Page Taylor (NNRC), and Joe Fela (NRC-IRCA). Send any additions/corrections/deletions to either Larry Godwin or Joe Fela, or they can be reported in DXN or DXM.

DE ENIG ECHE TE NEDERLANDSE HIT-PARADE



PAGE 2 Vallejo Times-Herald, Thurs., Nov. 18, 1971

Ollie Ross, Radio Wizard Of Another Era, Dead At 71

Ollie Ross, 71, of 522 Virginia St., radio wizard of a generation ago, was found dead Wednesday in his home. Death apparently was the result of a brief illness, although he had been in failing health for some time.

Mr. Ross, a native of Portland, Me., came to Vallejo with his parents, the late Mr. and Mrs. Michael Rozbaczyla, in 1912 and made his home here until his death.

His true occupation was that of baker, but it was in the field of radio that he first won renown.

He was featured a number of times in the 1930s and 1940s as the "DX champ" of the world by his then-remarkable feat of logging every commercial station on the broadcast band. There were 1,374 of them then, and Mr. Ross tuned them in on an ordinary radio set.

What was not ordinary was the ground-aerial device he invented to permit the accomplishment. Whereas other radio experts sought to pull in remote stations by means of high and exotic antennae, Mr. Ross' device was embedded in the earth.

It worked so well that he was commissioned to install such devices in the White House for President Franklin D. Roosevelt; for King Carol of Rumania, (who knighted Mr. Ross and gave him the title of Count Alexis by way of expressing his gratitude); for Queen Astrid, of Belgium; King Gustav of Sweden; King Haakon of Norway; King Christian of Denmark; and King Boris of Bulgaria.

He also performed similar services at the Vatican and in the Kremlin.

And, as far as is known, Mr. Ross never divulged the secret of just what it was that made his remarkable invention work so successfully.

He ignored his perfectly legitimate title of Count Alexis save when he was traveling abroad. "People don't think much of titles in this country," he once observed without rancor.

After the end of World War II, Mr. Ross continued to have entree to the palaces of European monarchs, (those that remained), and participated in receptions for royalty visiting the U.S.

He also was an outstanding success in his profession as a

master baker, having fashioned many masterpieces in his career. He used a secret process for preserving sugar; thus a number of his cakes baked two decades ago remain on display, one in the Belgian National Museum as part of a peace display.

Mr. Ross was known by practically all habitues of the Vallejo downtown area and by nearly all of the city's old-timers.

He is survived by a daughter, Alexis May, Pennsylvania, and by a sister, Mrs. William Blake, Vallejo. A brother, Louis, died in 1945.

Arrangements are pending at Twin Chapels.

Herein must lie some very interesting stories; some of our old-timers may be able to fill us in with the inside story? Needless to say, even the U.S. Government after investing tens of millions of dollars in antenna and propagation research hasn't been able to duplicate the alleged performance of the Ross antenna. Anyone know anything about this? (clipping from Gene Allen)

UNDERSTANDING STATION PROCEDURES AS A KEY TO WRITING BETTER RECEPTION REPORTS

- Jerry Starr NRC
W H O T RADIO

Despite the occasional guidelines to reception reporting published in the DX press over the years, many stations are still receiving reports of marginal quality, usually lacking in proof of reception that can be checked for accuracy by the station. Many of the reports received here at WHOT, for example consist of record titles and/or such unverifiable entries as "music" or "announcer gave time as 2:30" or the even more hazy "announcement". Needless to say, most all stations have music, time, announcements and so forth. Happily, most experienced DXers with a few years at the dials understand what constitutes a verifiable item. This article is aimed primarily at the novice DXer who might send such reports through no fault of his own, nobody ever told him differently.

The key to supplying verifiable details is understanding station procedures and the program log, the "roadmap" by which the station keeps a record of every minute of the broadcast day. Most items entered on this log are good verifiable items. If there is any doubt about the reception, the verie signer has only to check that day's log to confirm the items heard.

Let's take the most commonly reported reception details one at a time and see how they do or do not fit into the records maintained by the station.

MUSIC: For some reason most DXers are, or were at one time, under the impression that stations keep a list of the titles of the music they play. With VERY FEW exceptions, this is not done. Even if the TYPE of music may indicate to a station that they have been heard, chances are other stations on the same frequency are playing the same type of music. A report with a long list of record titles is useless to the verification process. **EXCEPTIONS:** If a record played is referred to as being, for example, number 23 or such on the station's popularity list, this can be checked. Classical music stations usually maintain an exact schedule of the selections they air. On equipment tests using music you should include titles. Many times the engineer performing the test will pick out a record or album he particularly likes and would probably remember the songs. Also, some stations have one particular record or album they use for testing. Most of us have heard, for example, WORV's or WPJD's test album of organ music or the handful of stations that seem to always use the same Dixieland album. One other exception is, of course, DX Tests, those titles should always be reported.

NEWS: In the interest of writing a complete report, any newscasts heard should be reported but not relied on as a sole basis for verification, particularly NETWORK news which could be run at the same time on any number of stations on a given frequency. Just reporting "News" is not verifiable. Likewise, commercials in network news mean nothing. **EXCEPTIONS:** LOCAL news items are good reporting material while NATIONAL items, even on a locally-originated newscast, are not. There are only two major newswire services, AP and UPI, and their national items will usually be read with the same wording on every station using the service. LOCAL news names, locations and events are worth including in your report. A special "catch phrase" referring to a station's newscast is also a good item to include if it's identifiable as something unique to a particular station, such as "Radio Thirteen Total Information News" or "Fanorktown News Scope".

WEATHER: Everybody seems to include the weather information they hear in their report which, while it contributes to the completeness of a report, should not be relied upon as an item on which verification can be based. Stations don't keep a record of their weather forecasts or temperatures and it's not likely anybody would remember what the forecast was on such-and-such a day. **EXCEPTION:** Very unusual weather conditions, a locally heavy storm or damaging wind or an unseasonably cold or warm temperature MIGHT be remembered by the reader of your report.

COMMERCIALS: These are by far the best proof of reception to offer in a report since ALL commercials must be entered in the station program log along with an indication of the time the commercial was aired. Give as much information about the commercial as possible, sponsor's name, address, phone number, etc. A report with some good, concrete commercial information can always be checked for accuracy. **EXCEPTION:** As stated before, NETWORK-ORIGINATED commercials offer no proof of reception. Although these are also entered on the station log, they could have just as easily been heard on another station with the same network. There are times, however, when a station will insert a LOCALLY-ORIGINATED commercial into a network program so be watching for them. The Mutual network, for example, has a one-minute "hole" in their hourly newscasts where the station may delete a Mutual public service announcement and insert a local announcement or commercial.

PUBLIC SERVICE ANNOUNCEMENTS: Like commercials, these "PSA's" are entered in the station log. They may be pre-recorded PSA's such as Savings Bonds or Christmas Seals or local items like the Kowolski Junction Annual Boxlunch and Linseed Festival. These should always be included in your report.

EQUIPMENT TESTS AND FREQUENCY CHECKS: This is one exception in that no program log is kept. However, all tests must be entered on the station TRANSMITTER and MAINTENANCE logs. With the exception of frequency checks, identification announcements aren't made at any exact predetermined time. What IS logged is the time the transmitter is turned on and off and a notation of what type of testing was done. It should be evident that an engineer will remember any after-hours testing he has performed by the time your report reaches him. If it was an UNSCHEDULED test, just the fact that you knew the station was on the air testing offers good proof of reception. You should also note the type of modulation used, be it continuous tone, tone of varying frequency, unmodulated carrier or music. For regularly scheduled frequency checks, try to give work-for-word copy of the announcements you heard and their exact times. Most stations with widely-heard FC's can spot a "fake" report a mile away and, even if your report is authentic (as we hope it is) a report that consists of "Heard tone and announcements from 1:00 to 1:15" is viewed with skepticism. You may have heard the station but you haven't proved it. I have found the greatest tool in reporting FC's is the tape recorder. Sending a tape of several identification announcements offers more proof of your reception and has greater curiosity value at the station. A tape sets your report apart from the others and many times will elicit a reply where a written report would not.

Here's a good example of why you should report announcements word-for-word during tests. A station whose call I won't mention uses "key" phrases in it's announcements. The engineer who conducts these tests, which are widely heard, will use the word "kilocycles" one month and "kiloHertz" the next. He is quite familiar with DXing and can spot a bogus report right away. He won't verify unless the DXer has included the correct catch phrase in his report. Another station, again nameless, has an engineer who makes a game out of the words he uses in giving the call letters phonetically. For example, if the call was WHY6 (which it isn't) he might say "Well How's Your Grok" one time and "William Harry Yolanda George" another month. Again, he won't verify unless the details match.

SYNDICATED PROGRAMS: These are the half-hour Bible-thumpers and record pushers you hear on Sunday night or morning, although many stations air them during the week. When you report, be sure you know the exact name of the program, many times it's given only at the beginning and end of the program. The speaker's name is good to mention as is a mailing address.

One thing I hate to bring up since a very small (and I stress SMALL) segment of the of the DX community is at fault, is sending a report to a station for which nationwide program schedules are available without actually hearing the station.

These DXers (if you can call them that) DX out of a book rather than out of a receiver. Fortunately they usually get caught. Not long ago a DXer (?) reported hearing a station in the southwest carrying a syndicated program at the time listed in a published schedule. Only problem: the program's contract had expired and when it was renewed the time period was changed. The report was an obvious dud and the station's verie signer wrote back, in no uncertain terms, exactly what he thought of such practices. This kind of sham casts a shadow on all DXers in general and is all the more reason to provide plenty of positive information in your reports.

CONCLUSION: IT IS UP TO YOU, THE DX-ER, TO PROVE TO THE STATION YOU ACTUALLY HEARD IT. THE BURDEN OF PROOF IS ON YOUR SHOULDERS.

There are probably some items I've failed to cover. If you have any questions about station operation as it pertains to DXing, feel free to write. If there are some interesting questions raised, a follow-up article to this one will appear soon in DX NEWS.

Tues., Nov. 23, 1971 THE MIAMI HERALD 3-B

Honduras Gets Islands Once Used by the CIA

By Herald Wire Services

SAN PEDRO SULA, Honduras — The Swan Islands, tiny, windswept sand spits in the western Caribbean that served as a focal point for U.S. cloak-and-dagger activity in the early 1960s, were officially turned over to Honduras Monday, ending a century-old charge of U.S. encroachment.

Robert Finch, as President Nixon's special emissary to Latin America, signed for the United States at the formal ceremony in this northern Honduran industrial city. He was joined by President Ramon Ernesto Cruz, who signed for Honduras.

"It is a great matter of principle for my country," Honduran Foreign Minister Andres Alvarado Puerto said. "It shows to the world what a great nation the United States is because the world's greatest power has recognized the legitimate claim of



Swan Islands
... long disputed

one of the small nations of the world."

FINCH ARRIVED here, the fifth stop on his six-nation tour, from Brazil. He was to

go to Mexico from Honduras. Accompanying Finch are White House Director of Communications Herb Klein and Assistant Secretary of State for Inter-American Affairs Charles A. Meyer.

The Swan Islands are inhabited by about 40 persons, among them five Americans who operate a weather and aircraft navigation station. The United States will continue to run these facilities. The total land area of the three islands in the group is about three square miles.

They also served as the site of a Central Intelligence Agency radio station broadcasting to Cuba during and after the 1961 Bay of Pigs invasion and later to other points in Latin America.

THE CHICAGO Sun-Times reported Sunday that the final disposition of the station, and whether it will be used again by the CIA, will be subject to negotiations.

DXtras West

Editor: Blake Lawrence, Box 803, Canon City, CO 81212

Hello again. Response was not too great for this edition. Out of all our active (and inactive, hi) western members, only two took the time to send me a report. Westerners, I'm quite disappointed in you! For next time, I hope I can get at least five reports, if not more. Are we going to let ourselves be outdone by DXtras East? Never!!!!!!!!!!!!!!!!!!!!!!!!!!!!!! All you need to do is write or type out a little list of formats in your area, any unID's you may have, or anything else of interest to our readers that doesn't seem to fit in any other column. Slap on an eight-cent stamp, drop it in a mailbox, and your editor will love you for life, hi.

Enough of my pleas for support. Here's what I have for this time:

SECTION ONE: UnID's

1430 XERAC? Good 11/14 0130-0140 w/SS ranchero mx, "La Rancherita" slogans, at 0137 ment. XEH, XERSV, XEAB, XEIQ, XEM (aparently a network of sorts) KLO causing QRM. (BWL)

SECTION TWO: STATION FORMATS

580	KFXD	ID	rr	(DGC)	1210	KGYN	OK	cw/MoR	(BWL)
	KMJ	CA	MoR	(DGC)	1220	KFSC	CO	SS pgmg	(BWL)
590	KFXM	CA	rr	(DGC)	1230	KEXO	CO	rr	(BWL)
	KHQ	WA	MoR	(DGC)		KVOC	WY	cw	(PS)
	KUGN	OR	MoR	(DGC)	1240	KRDO	CO	MoR/rr	(BWL)
600	KIIX	CO	MoR	(BWL)		KFBC	WY	MoR	(PS)
610	KFRC	CA	Drake rr	(DGC)		KDGO	CO	MoR	(BWL)
620	KGW	OR	Drake rr	(DGC)	1290	KOWB	WY	MoR	(PS)
	CKCK	SK	rr	(DGC)	1300	CJME	SK	rr	(DGC)
	KSTR	CO	cw	(BWL)		KOZE	ID	Drake rr	(DGC)
690	KAPI	CO	SS pgmg, R&B in late	afternoons (BWL)	1310	KFKA	CO	MoR/cw	(BWL)
						KDIA	CA	R&B	(DGC)
730	KDAZ	NM	cw	(BWL)	1320	KAVI	CO	MoR/rr	(BWL)
800	KBRN	CO	cw	(BWL)		KCPX	UT	rr	(BWL)
810	KAFE	NM	cw	(BWL)	1340	KQIL	CO	cw	(BWL)
910	KISN	WA	rr	(DGC)	1360	KFIV	CA	rr	(DGC)
920	KLMR	CO	MoR/rr	(BWL)		KXOL	TX	rr	(BWL)
970	KFEL	CO	Rel/Cl	(BWL)		KRYS	TX	cw	(BWL)
990	KRKS	CO	Rel	(BWL)	1370	KGNO	KS	MoR	(BWL)
1030	KTWO	WY	MoR	(PS)		KVWO	WY	cw	(PS)
1060	KLMO	CO	MoR	(BWL)	1390	KFML	CO	Prog. rr	(BWL)
1150	KGMC	CO	Tk	(BWL)		KENN	NM	MoR	(BWL)
1170	KUAD	CO	cw	(BWL)	1400	KTNT	WA	MoR, Jazz AN	(DGC)
1200	WOAI	TX	rr*	(DGC)		KATI	WY	rr	(PS)
					1410	KMYC	CA	rr	(DGC)
						KCOL	CO	MoR	(BWL)

(NOTE: From here on out, all changes in previous format listings will be marked with *)

1430	KBRC	WA	*MoR/rr (DGC)	1490	KLOG	WA	rr (DGC)
1450	KYOU	CO	cw (BWL)		KBRO	WA	MoR/rr (DGC)
1460	KROW	OR	rr (DGC)		KOJO	WY	cw 0800-1400, chicken rr 1400-0200 (PS)
1480	KRAE	WY	rr (PS)	1550	KQXI	CO	cw/Rel (BWL)
1490	KBZY	OR	rr (DGC)	1570	KLMO	CO	MoR/rr (BWL)
	KRNR	OR	cw (DGC)	1590	KCGO	WY	MoR/rr (PS)

SECTION THREE: QUESTIONS AND ANSWERS

Q. I have seen the term "chicken rock" in many format listings. Just what is this type of music? (BWL)

***** To help with Bruce Winkelman's question of last time, Bob Foxworth writes that he is preparing a 2-page article on various devices of frequency measurement to be published sometime this winter in DX News.

A DXtra XTRA!!!!

DGC sends along the following list of stations carrying games of the Seattle SuperSonics:

560	KPQ	WA	Wenatchee
920	KXLY	WA	Spokane
	KALE	960	WA Tri-Cities
1000	KOMO	WA	Seattle
1170	KPUG	WA	Bellingham
1240	KXLE	WA	Ellensburg
1280	KIT	WA	Yakima
1450	KBKW	WA	Aberdeen



<u>REPORTERS:</u> (DGC) - Dave Christensen 3434 39th W. Seattle, WA 98199	(PS) - Pete Skinner Box 534 Laramie, WY 82070	(BWL) - Your Editor
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BIGGER AND BETTER THINGS DEPARTMENT:

I am considering running a section on dominant stations on various frequencies as received around the country. That is, to choose a frequency and have the members report their regulars and semi-regulars at different times of the day (SRS, SSS, etc.). Next issue I will give this new spot a trial. Reporters (there are some of you out there, right?), please list next time your dominants on these two freqs: 950 and 1470. List your regulars and semi-regulars at SSS, evening, AN, MM, and daytime. Should prove to be interesting; will give the DXer an idea about how a certain station gets out, its directional pattern, etc.

Next Deadline will be January 3. Report! Also, best wishes for a Merry Christmas and a Happy ~~Waggy~~ New Year. CU in a month....73.

AN INEXPENSIVE METHOD OF FREQUENCY MEASUREMENT FOR DX'ERS by Page Taylor & Russ Edmunds

If you've ever tried to determine the frequency of a split-channel station without the use of a frequency meter, you've probably experienced difficulties sufficient to make you wonder if it's all worth it. Occasionally, a receiver will have electronic bandspread which actually operates on the ECB, and in this case, the job is greatly simplified, as you can determine the frequency fairly accurately from the bandspread readout by simple ratio and proportion methods. Likewise, a vernier dial will help, but it is often much more difficult to maintain accuracy with one. But, don't give up yet -- there's still another method, which is very cheap, and, if you have any sort of ear at all for comparing tones by pitch, you've got it almost made at the outset.

The method is called the Audio Heterodyne Pitch Measurement Method, and the only tools you need are an A=440 Chromatic pitchpipe, which is available at your local music store for about a dollar, and the table below. The table lists the cycles- or Hertz- per second for any given chromatic pitch over a span of five octaves of the audio spectrum from about 60 Hz. to about 2 kHz. All you must be able to do is to first match the pitch you hear with the closest pitch on the pitchpipe (the pitchpipe covers only one octave of the range - an octave consists of seven natural notes and five "half notes", with the initial note being repeated at the end of the scale either an octave higher or lower than the first). If the pitch of the het is higher or lower than the pitch of the pitchpipe (measured as the same note either one or two octaves higher or lower), you use the table to convert it into the proper number of Hertz.

When you finally reach a frequency calculation and have converted to kHz., you must determine whether the station you are measuring is either higher or lower than the station with which it is creating the het in terms of frequency on the dial, and then add or subtract the amount derived from the table to determine the frequency of the measured station. Be sure to drop all but two decimal places after conversion, as the system is not that accurate, and generally, the stations aren't either. If the het's pitch is between two pitches on the pitchpipe or their higher or lower equivalents, simply interpolate a figure between the figures given for the two pitches for slightly greater accuracy.

Basic Note	Pitchpipe freq.	1 oct. higher	2 octs. higher	1 oct. lower	2 octs. lower
Middle C	264.0	528	1056	132.0	64.0
C# - D ^b	280.0	560	1120	140.0	70.0
D	297.0	594	1188	148.5	74.2
D# - E ^b	314.0	628	1256	157.0	78.5
E	330.0	660	1320	165.0	82.5
F	352.0	704	1408	176.0	88.0
F# - G ^b	374.0	748	1496	187.0	93.5
G	396.0	792	1584	198.0	99.0
G# - A ^b	418.0	836	1672	209.0	104.5
A	440.0	880	1760	220.0	110.0
A# - B ^b	467.0	934	1868	233.5	116.7
B	495.0	990	1980	247.5	123.7



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Again a big column... deadline advanced to Tuesdays this issue and next to facilitate early mailing to avoid mail delays.

P/C's

1st MM: KNOX-1310, WEED-1390, KGH-1790, KUPK-1050, KLYQ-980; 1st SA: WWLE-1170 (All December above) (All following are November)
4th MM: WRAK-1400, KLEO-1480, WJDX-1470, WFLN-900; 4th THU: WKEN-1600; last MM: KSYL-970; 30th of Mo.: KGM-1550.

daytime

650 KTI-931 (MD) Verie sez. location is Hebbville, Md., just W. of Balto. Note that 650 is convenient for WFBR to use to test as harmonics appear on their own freq. of 1300 (Joe Kureth, Westminster, Md) WFBR sez. 0900-1630 for a few weeks yet, should be thru by Holidays (R. Stephen Dildine, Jr., Arlington, Va.)

OTHER DAYTIME RECEPTIONS NOTED BY DILDINE ON 12/4 ARE OF MAJOR CLEARS, SO WILL JUST LIST THEM : (All hrd 1355-1530) WSM-650, WMAQ-670, WLW-700, WGN-720, WJR-760, WGY-810, WHAS-840, WWL-870, WBZ-1030, WHO-1040, WJJD-1160.

sunset & evening

540 KWM-IA Good at 1749-1800 s/off w/ c&w 11/26 (RSD)
WYNN-SC S/off following WRIC 1715 12/4 (Page Taylor, Butler, N.J.)
630 WSAV-GA W/ mx, local spot, ID nx 1727-30, abt. 30 sec. of WNEG after WSAV pattern/pwr cut then WMAL 11/23 (Wes Boyd, Youngstown)
820 WAIT-IL Hrd 11/27 1715 w/ ID, furniture store ad. Rare here (Tom Sundstrom, Willingboro, N.J.)
850 WEAT-FL Alone 1941 12/1 w/ SID, c&w (PT)
** 890.5 WHNC-NC Has been off freq. several days now, hrd @ SSS 12/2,3,4,7 measured here. (PT)
900 WIAM-NC Atop channel w/nx, ID 1659 11/24 (RJE)
WOME-NE Hrd ID, s/off, SSB 1613-16 11/25 (RJE)
910 WOKD-SC Good 1804-30 11/28 w/ top 40 (RSD)
CBO -ON Noted topping freq. o/regular WAVL 1630 11/20 w/ usual CBC insipidity (Jerry Starr, Youngstown,) ** Now Jerry, that's CULTURE, hi -RJE
930 WITN-NC Well o/WPAT bl pattern/pwr change 1702 11/24 (RJE)
940 WFNC-NC Hrd 11/27 1700 ID, then wx, FB scores, no CBM (TRS)
WMAZ-GA Hrd 11/27 1728 ID & psa for handicapped children o/WFNC, WPCP (TRS) W/CBS nx, much-more-music stuff,rr, last hrd in RS 2 yrs ago (Boyd) 11/22
WPCP-MS Hrd 1730-1800 w/ relig. then 1800 s/off w/"Dixie" o/CBM w/loop 11/27 (TRS)
WCND-KY Hrd SID & s/off w/ charal version of "My Olde Kentuckye Home" 1729 11/24 (RJE)
950 WKTS-WI Killing WWJ 1640-1703 11/19 (Starr)
WXGI-VA W/sx, local spots, etc. 1645-50, poor 1700 s/off 11/23 (Boyd)
WRYT-MA Almost alone for s/off @ SSB 1627-30 11/22 w/ WSPA u/. No sign of WWJ-WKAZ normal pests (Boyd)
960 WFTC-NC Hrd 1655-1700 w/ nx o/ everyone w/ loop 11/27 (TRS) Hrd same time 11/24 (RJE)

980 WKLM-NC Hrd c&w, NC mentions, finally pegged as this one 1712 11/24
990 WEEB-NC Finally hrd w/ nx, wx, ID 1709 11/24 (RJE) (RJE)
1000 WVOV-AL Atop channel w/ local ads 11/24 1743 (RJE)
1010 WBIX-FL Hrd 12/6 1730 in WINS mull, whilst looking for WGUN (PT)
1030 KCTA-TX Hrd 1820 12/4 w/ relig. atop WBZ regardless of loop (PT)
1080 KYMN-MN S/off dominant 1745 11/19 w/ long plug for WCAL-FM, tho' no affiliated w/it. (Starr)
KNCK-ND S/off w/ vocal "Lord's Prayer" 1800 11/19 (Starr)
*** WITC-CT Runs SS pgm 1900-1930 daily (PT)
1090 WENR-TN Ad followed by SID 1723 12/4 (PT)
KAAV-AR Hrd o/WBAL, which, appropriately, played "Dixie" at 1759. KAAV ID hrd 1800, this 11/24 (RJE)
1140 WQBA-FL Hrd w/SS ID for first log since few years ago call change 11/28 2110. (RJE)
1150 WGBR-NC Hrd w/ nx, jx, 2105 11/28. (RJE) (PT)
1280 WANS-SC Hrd ad for stereo equipt. 149 N. Main, NN format 1927 12/1
1310 WDKD-SC Ending SC wx 1707 12/4 (PT)
1370 WCOA-FL Hrd alone ending nx 1923 12/1 (PT)
1400 WTSL-NH Commercial for Ward's Dept. Store, ID 1705 11/26 (PT)
1420 WCEB-PA Mostly o/WHK 1645-1700 w/ ckn rr, local & nat'l psa's, AM, FM ID's & CBS nx, strange no spots hrd, normal WEMB, WTCR Absent. (Boyd) ** Since when do you hear spots, Wes, I thought you only saw 'em, hi - RJE
1440 WBJW-FL Tape replay yielded promo from this one o/mess in aurora 1900 11/29 (RJE)
1460 WMBR-FL Atop channel 11/29 1645 w/ ID, rr (RJE)
unID End-on-end religious pgms 11/29 1830-1900-1930, ID'ed as "Truth Radio". Not sure, but call sounded phonetically equivalent to WFDC. (RJE)
1510 WAUK-WI S/off 1728 11/21, no anthem (Starr)
1550 WOGO-FL S/off 1730 annc'g among other things, their 84 w. PSA on 12/4 (PT)
1580 KLOU-LA Atop w/ soul & rr 1840 ++ 11/24 (RJE)
KPKK-CO Tire ad followed by ID 1828 12/4 (PT)
KZIA-NM Hrd s/off 11/26 1900 (PT)
KWIP-GA Hrd s/off 11/26 1945 (PT)
KDAY-GA W/ frequent ID's & rr prior to 2000 pwr cut 11/26 (PT)
*** I wuz there, hrd these last three, and promptly got sick, hi - RJE.
1600 WKWF-FL Hrd u/WWRL w/SS 1912 11/28 (RJE)
WARU-IN S/off 1731 11/21, no anthem (Starr)

midnight to sunrise

600 WIGG-CT Hrd w/ WCAO on OC/TT 11/21, no Cuban ?? (JEK) (Boyd)
** 620 WJDX-MS Isn't AN as I'd thought, just extended sked to 0200 or 0230
710 KIRO-WA "Hour of Decision" end 0129, followed by more religion; Se-attle wx, 0305, s/off 0307 w/ WOR off 12/6 (PT)
WGBS-FL Loud ID in ET-OC/TT 0250 12/6 u/WOR OC (RJE)
790 WAKY-KY W/rr, ID, wx, rapid-talking DJ 2320 11/24 (RJE)
810 WYRE-MD TEST hrd lousy this time 0018-25, mucho QRM de SS 11/26 (Ron Musco, Windsor, Ct.) ** Either HUCY or CMJE likely-RJE DX w/good sigs but much fading 0019+ 11/26 (Starr) Hrd w/CW ID's, SIDs, pop mx, QRM de CMJE (TRS)
920 WJAR-RI S/on 0531 no SSB, then nx, but who is SSB hrd behind this, always clobbered by WJAR ?? (Boyd)
WGST-GA Hrd u/WMEG 0018 11/29 (PT)
WMEG-FL Hrd on AN 11/22 (Starr) Atop w/ AN rr, nx 0030 11/29 (RJE)
*** 980 KSVC-UT Unbelievably atop mess & taped, rptd., w/ f/c as per annc't. 0334 12/6; used 800 Hz. tone, off 0340, is this regular?(RJE)

ROGER GIANNINI - Apt. A - 33 Ben Louis - Belleville, Illinois - 62223

I had the courage to ask the landlord to put up a longwire in the basement w/success & with the following results of TAs on 11/6-8. The following noted on 11/7 PM & 11/8 AM: 1586 1554 1466 1457 1439 1394 1376 1223 1214 1205 1196 1052 1034 954 944 935 872 863 854 845 836 827 818 773 (RNE) 764 755 For. Sce. 683 665 548. Most wanted 1439 & 548 were welcome. Country total is now 44. It started w/armchair copy of 854 11/6, 7:30-9:45 fadeout 12:30am 11/7. 11/7 PM it was 665's turn 6:45-9:23. Other TAs at fair level were Tirana-1214 w/Arabic 10:30-11 good level & R. One @ 8 s/off & 11:30 s/on poor to fair. I had sent a detailed list to Foxy but I forgot to make a separate copy to discuss in further detail so please excuse me if my times are slightly off. 11/7 PM 1466 w/fair TWR ID but what language at 6:30. 1457 R-4 good moments on 11/6-7 @ 1:45-2 am. 1394 good again 6pm & midnight 1439 w/patches of audio finally pulled through 1440 w/1430 WIL off @ 1:15, likewise w/638 RNE w/KXOK on OC @ 2. AFN-872 weak @ 1:30 after WWL carrier went off. To Stewart, Mo., who asks about a VOA-1196 TEST. It's not necessary as I have done it twice this season on 11/8 @ 11:35pm w/Jazz Hour very weak & fair on 11/17 w/engineer mx. It takes a better than average RX for this one. 11/8- Quite an interesting evening too for between 6-7pm I heard 12 TAs at fair level. These include 665 w/gong for midnight, 683 fair, 755 w/VOW Eng. NX (??-ERC) good @ 6:07, 935 poor, 953 w/mx but only for a few moments @ 11:21pm 1034 fair @ 11:15 w/no sign of 4VEH, 1214, 1394, 1554, 1586, were similar to 1034. This second list was also on the same one sent to Foxy so most of the details should appear in IDXD before this Muse makes it. In the future I promise to make myself a carbon copy so I can discuss it in detail. 73, good DX.

JOSEPH A. MARKEWICZ - 1394 Elgin Avenue West - Winnipeg, Manitoba R3E 1B6

Just as a matter of interest, a friend of mine at CFRW-1470 told me that CFRW has been operating at 10kw for quite a while & they will soon be finished rebuilding their XR & should be operating at 20kw by the beginning of 1972. CFRW did apply to the CRTC to operate at 50kw but they were refused which is the best thing the CRTC has done. I dread the thought of having CFRW at 50kw! Just think of all the new spurs I'd get from them, hi. A few days ago, I noticed WKMF Flint was in good w/CFRW nulled. I wonder where they've been hiding. As of 1/1, St. Boniface and a bunch of other cities cease to exist. Thus CKSB-1050 will be in Winnipeg. Still talking of CKSB, o/50% of their programs come from the CBC FF network & I noticed they have been playing more EE rr during their own programs than they did before. Also CKSB has been staying on till past 2:10am on weekends & some weekdays. I wonder why they didn't like their old lam s/off? A rumor has been going around that CKRC-630 will go MoR during days but still be a Top-40 at night. CKDM-730 has been cutting back their hours of rr & replacing it w/c/w. CKDM still carries some rr during the weekends. The listenable c/w stations here include KFGO KNDK CJOB-FM CKDM CFRY KTYN KBMR & even KXEL. I just received a friendly letter from pest WKPM-1300. The letter started "My name is Todd Rust. I am the announcer you were listening to----". He then gave a description of the station, etc. & said he also works at WVAL-800 (which incidentally is one of my closew unheards). He said on the morning he received my letter, he read my letter on the air & he was sure it caused some interest among his listeners. (I'm sure it did. Now they'll be wondering where Winnipeg is!) It's nice to get letters like this to build up your ego when you don't get too many veries. I noticed KSRV-1380 will have a TEST on 12/10. KSRV has made it to Winnipeg on RS w/lkw w/KLIZ KWK KOTA WMEE KRKO KPCC CKLC all on, so with 5kw and some of those off, who knows where they'll be heard? 73.

BOB LEAMY - 4649 Eastway Court - Apt. E - Columbus, Ohio - 43213

This is the first Musing of the season for me. If CX on MM 11/15 continue this should be one of the best DX seasons in some time. The RX is an HQ-180 & a Space Magnet has replaced my longwire. Actually I haven't noticed much difference in gain between the two antennas. The Space Magnet earns its keep here by providing somewhat of a null on some of the TV harmonics. This past MM 11/15 I pulled the first audio from Tarawa-844. They were in w/a fair to good signal from 2am to well past 4:30. Reception did not seem typical of my previous Pacific DX

in that the signal was relatively free of fading. Programming noted was British-accepted EE followed by the local lingo. KORL-650 also in w/a good signal. I missed YAD last year but hope to make the YAD-II session.

KEN ONYSCHUK - Home wood, Illinois receiving

Greetings again. After ~~missing~~ NRC DX NEWS 32 #8 I've decided to pay a little more attention to program details per station, something I've been a little lax on. I DXed a real toughie on 11/17. The previous day from 5:15-5:40 I tried to null out WOWO-1190, something I thought almost unthinkable. However a little perseverance paid off. On 11/16, after 25 minutes of frustration, I tried the next day, 11/17, from 5 10 to 5:43pm. A weak WOWO null faded in softly, then cleared up a bit. Mention of the Capital City and Old Hickory Shopping Center got me digging in the frequency book. Finally a semi-distorted WAMB came in, 250w "clear channel" WAMB, Donelson, Tenn., 387 mile signal. Others to throw in: 11/16 - WIBC-1070 Indy weak SID, on power cut @ 5:08pm. "Solid Gold NX" on WCIR-1070 Beckly, W.Va., just a hair E of WIBC, 5:09-5:12; on WCFL-1000 null, WNOX-990 Knoxville "Nox NX" 5:13-5:14; WVJS-1420 Owensboro, Ky. local sports, 6:38-6:45pm. WWTC-1280 Minn. ID @ 7:18. 11/17- WAMB-1190 5:10pm. In WRVA-1140 null, KPWB, Piedmont, Mo. NX, 5:47-5:59 s/off; KFDI-1070 Wichita, usually CKOK signal but no sign tonight; anyway, NX, especially heavy hail during afternoon storm. Knee-deep downtown! 6:02-6:07pm, only second time in month, KFDI poked in briefly, 10 or 1 kw power? 11/18- Weak WFMJ-1390 O. "Santa arrived downtown Youngstown" @ 4:54 u/local WNUS, audible for 1/2 minute, but enough for ID. Looking for KOWH-660 (as if I could expect to receive it) I caught WNBC talk for five minutes @ 5:15, then I tried for 710 SSES, WOR came in 5:20-5:22 for a traffic report. My first solid pickup of WVOK-690 rr, air police NX, then s/off 5:22-5:45pm. First DX of KFEG-680 had local NX in Big Q Country 5:32-5:35, also weak WAPE u/WVOK @ 5:36, mention of Clearwater, the weak WAPE. 11/22- 7:32-7:37, strong KPRC-950 Texas NX, then MoR on SW signal, WSPA S.C. on SE signal. 11/23-24, KCEA Tex. came in clearly @ 5:15 till s/off @ 7:35pm, serves 26 states w/religious program, WBZ very weak.

ROBERT A. HUITT - 9242 Warwick Road - Indianapolis, Indiana - 46240

I am sure some have forgotten this ole DXer, but I've been a member of the NRC for 1 1/2 years, so let me reintroduce myself. I'm 17 & a senior at North Central HS in Indianapolis. Verifications include 339 on MW total, 37 states five provinces, & 34 countries on SW. RX is a Hallcrafters SX-130, w/space magnet. I hope to hear from Tom McCormack from Lafayette, Ind. & Larry Black in Mid. in the up-coming DX NEWSes. Now some DX. Latest veries are v/1 from KXJK Forrest City Ark., KFLM Minot N.D. on f/c; WSUI Iowa City; WKAN Kankakee, Ill.; KCII Washington, Ia.; WDWS Champaign, Ill.; v/c from WREC Memphis; WBAY Green Bay; WCFE Corbin, Ky.; KMPL Sikeston, Mo; KMA Shenandoah, Ia. On Wed. 11/11 WMAZ in strong on SSS from Macon, Ga.; KLCN Nlytheville, Ark. in o/KGIC-910; KXJK Forrest City Ark. in w/15 db on 950 o/WSPA; also KFH-1330 Kan. blasting in on SSS; WBAY-1360 Green Bay completely o/WSAI. Another sensational night followed on 11/12. For the first time WMAX-570 Yankton S.D. w/TK. 11/13 early AM brought f/c of KLFM Minot N.D. Many thanks to the CE & to Joe Fela. 11/13 PM brought KKJO St. Joseph Mo. w/rr. I had stopped DX activities over the Summer months & started this November when a fellow DXer w/a 14 transistor started pulling in everything under the sun. Noblesville, Ind. just began WHYT Radio w/pop mx on 1100, running 250w. I'm glad they picked that channel because it is a dead one for me except for WKYC. My last DX entry is on 11/26, KXOK-630 St. Louis w/WLAP nulled. Best DX to everyone & 73s.

JOHN TULL - 5539 Oak - Kansas City, Missouri - 64113

Hi. Some new veries: WRR-1310 Tex., WWNC-570 N.C. a new state, WFEM-1260 Ind., KSKY-660 Tex., KTKL-1280 Col., WRMS-970 Ill., CKCK-620 Sask. & WJJD-1160 Ill. for a report on 5/16. Reports out to XEK for a "test to the United States" last Tuesday AM w/KMA off. I also picked up KODL at the end of XEK's test. I asked XEK for their next sked test. On 1140 I received WIXE Fayetteville Tenn. @ s/on. I don't know how new this station is, not in NRC Domestic Log. 73 all.

A GREAT SECTION THIS ISSUE, BOYS! THANKS FOR YOUR WONDERFUL SUPPORT OF MUSINGS!

PAUL SIDNEY - Box 815 - Sag Harbor, New York - 11963

This is my first Musing, & my major interest is hearing domestic stations in large & small markets. I am also interested in tapes of what stations sounded like during the past few years, 50s & early 60s. If anyone has these stations on tape I'd be interested in hearing them: 1- The last day before WBIC switched to WLIX-540, Islip, N.Y. back in 1967. 2- Any air checks of WLIS-1420 Old Saybrook, Conn. from '61-'63. 3- Herb Oscar Anderson on WMCA & WABC, where he was morning man. 4- WADO-1280 N.Y. when it switched to a new format in 11/59 & was Top 40 for a brief period before switching to its present format of SS. 5- WKEW during the 50s & early 60s, both when it was an NBC affiliate until 7/58 & after the split w/the network & the intro of the new Top 40 format. I'd be interested in anything from WKEW-1520 Buffalo until 1964, including any & all jocks. Speed & quality are not important, & if you don't have the facilities, I would make a copy of the tape & return your original, untouched. Get in touch w/me at 516-725-2300 Mon-Fri after 11am. In return I'll send you any tapes of stations we receive here, including Conn. & L.I., R.I., & N.Y.C., & of course all the 50kw clear channels stations on the EC & Midwest. Recent DX at Southampton Beach on Sun. 11/21 @ 1pm, for the very first time ever, I nulled WTBE-1520 Mineola, L.I. & heard WSLP-1520 Ocean City, N.J. which is S of Atlantic City & highly directional. They have switched to a religious format. Up till now I had never heard them after trying countless times, even when other South Jerseys were in strong. WYRE-810 Annapolis, Md. in too w/long cut "Light My Fire" & jingle o/WGY, w/WGY nulled. Also WTTD Newport News noted clearly on top of 1270 w/c/w. Only remaining South N.J.s here are WDWL-1270 & WNVB-1440. 73s & good DX! (Welcome to the NRC, Paul! We hope to hear from you often! -ERC)

SHELDON MILLER - 7904 Harding Avenue - Miami Beach, Florida - 33141

Hi. I thought I'd kick in a little DX report, although there's precious little to report. This sad situation is due to my non-ownership of a decent RX, but this will be changing in the near future, I hope. Right now I'm using one of the better Radio Shack portables, which is surprisingly good for domestic DX. CX have been just about perfect, w/the NE US stations just unbelievably strong. All of the clear channel powerhouses have been coming in very heavy after about 4:30pm. Yesterday WTTM-920 Trenton, N.J. noted very clearly w/local NX @ 5:55pm. R. Victoria-925 noted very powerful every SSS, & they seem to be all EE at this time of day. Also noted on 920 this evening were WGST & WMEG. WRNL-910 Richmond was very strong at the time, & the biggest surprise was a local-like signal from WWDJ-970, which is the first time I've heard them so early. WIS noted u/Dominican as early as 5:20, still light out here. R. Lumiere, Haiti, 660, noted u/Cuban & WNBC, around 5:15pm, as was ZDK-1100. Slight trace also of Montserrat-885, but not readable because of poor selectivity on the portable. CJBC-860 noted o/many IAs, 6pm. R. Peninsula-1170 Colombia, w/gigantic signal noted each SSS, & also "Ondas de Cienega Grande"-1160 about the same time, also an HJ. XETU-980 Tamoico has become a regular here during the evening, & I think they're 10kw. WYDE-850 Birmingham noted for newie, rr, around 5:45pm. A Dominican calling it self "La Voz de Las Fuerzas Armadas" noted very strong w/rr @ 6:15pm on 1600. ZDK-1100 has become very easily heard here - and they are worth listening to just for the accents & unusual calypso mx, both different from what you hear from good old ZNS. That's about it - I may be sending a DX report from Knoxville, Tenn. next week, as I'll be there over Thanksgiving. 73.

R. STEPHEN DILDINE Jr. - 1900 South Eads Street - Apt. 725 - Arlington, Va. 22202

I am a new member of the NRC so I will tell a little about myself. I am 26 years old & single, & I work for the U.S. Government here in Arlington. I use an SX-133 RX & a Space Magnet antenna. This week I finally got reports off to TGRT XEWA CMBC PJA6 & XERP. New stations heard include WKAQ logged @ 7:04pm on 11/22, TIGPH logged @ 9:54pm on 11/22, TGRR logged on 1155 1/2 @ 10:40pm on 11/23, KWMT @ 5:49 on 11/25. I also caught the WYRE TEST on 11/26. They got phone calls from as far away as Connecticut. I have also unID IAs on 765 915 (Guatemalan?) & 975 (too much WRC). Recent QSLs include KOMA card, &

& CKVM (letter). CKVM is on the CBC FF Network after 10pm. (Welcome to the NRC, Stephen, & we hope you'll be a regular in these pages! -ERC)

JOHN W. HOOGERHEIDE - 3 Marquette Drive - Marquette, Michigan - 49855

11/20- Good CX towards Neb./Ia./Minn. this AM. First of season noted here. New KCIM-1580 Carroll Ia. atop 10:15am. At 10:20, KGCX-1480 Sidney Mont. well atop. KVDB-1090 Sioux Center dominating for new log. Even as late as 11am KTYN-1430 Minot still atop. Even very rare KRAD, E. Grand Forks on 1590 very loud @ 11:15. They have a CP for 1520 so I guess they haven't moved yet. 11/22- Looks like a good AM again - definite R. Reloj IDs on both Reloj ANs on 1100, so Barranquilla becomes a new log. R/c-TT of both Pa. station WNAK/WPPA as per bg - 12:30-12:45. New log on WBBW-1240 Youngstown s/off after Ai NX 1:05 o/u WINN c/w mx, WITL-1010 Lansing testing w/c/w @ 1:10. At 3, new log in WAAB-1440 in Worcester Mass. on RS/AN show. New log in the Caracol AN @ 3:10 on 1090, Cucuta. Very good groundwave 11/23 into NE Iowa. Graveyards @ 6:30-7pm ruled by new WSDR-1240 Sterling, Ill., KROS-1340 Clinton Ia., WDBQ-1490 DuBuque. All frequencies blank except those that had locals in the Tri-State area. Over by 9pm & back to normal again. Also YSCF-1155 Ondas Orientales in @ 10:45pm for new log. A "R. Turismo" ID @ 10:55 was new YVSD-1160 for #8 from Venezuela & first definite SS log on 1160. Also @ 11pm a s/off w/Dominican Republic's snappy little NA as ERC calls it & mentioned "Rep. Dominicana" surely must be HIDE - R. Tiempo in Co-tui. Three new logs in 15 minutes in three countries. I couldn't sleep so up at 3 to get new log on R. Cristal-HIMS-570 on AN u/WKEN. I noticed in IRCA bulletin that WGLI Babylon's spur on 1165 also noted in Quebed on dates I indicated. They said this has been a recurrent problem. Interesting way to log a new station. Not noted lately, however. HI list enclosed. I would certainly like to correspond w/someone who can explain why these TA signals are almost impossible for me to receive in upper Mich. while people all around me are logging them. Radios - HQ-180 & SW-4A w/two Beverages and an SM-1 plus 20 years of DXing ability & only five TAs heard. Could proximity to Lake Superior & my northern location have anything to do with it? I'd surely be interested in comments.

BRUCE WINKELMAN - 1404 Alumni Place - Lawrence, Kansas - 66044

Greetings from Jay-Hawk Land. DX has once again been slowed by school w/most loggings being locals to start a log here in Lawrence. A summary of what's been had: 11/7- WHAM-1180 s/off 1:07 w/SSB & promo for clear channel stations; WING-1410 atop w/rr @ 6:22pm. 11/18- WKEN-570 w/commercial, CBS comment, 7:25pm, ID @ 7:30. 11/20- KWCO-1560 noted on @ 1:10am w/a commercial & into a post-game summary of a high school FB game, ID @ 1:14 s/off, 1:16 w/"Be Still & Know" & SSB. This one had a real good signal for its 250w. Nothing noted on frequency after s/off. KOTN-1490 o/KTOP @ 1:21am w/requests for NX tips to "KOTN Ness", then back down into the usual CY mess. WACO-1460 w/ID & rr @ 1:33am, CKFH-1430 w/comment @ 1:46am, ID 1:47, then rr; WTJS-1390 ID 1:54, then into MoR w/mucho KJDL slop, another ID in s/off announcement, no SSB. 11/21- UNID-1230 TT in the mess, very sporadic 1:23-1:34am, seemed to cut @ 1:24. KKEL-1540 noted going strong @ 1:27am w/usual preacher, ID @ 1:31 & into "Pinto Phipps Family". What's going on here, SP Sun. 1-7am listed in Log - have they changed SPs or HORROR OF HORRORS, have they gone NSP? Whilst looking through some back issues of DX NEWS this week for some kind of info (I've forgotten what I was looking for), I came upon a mammoth error in the 3/27/71 issue by BGK (shame). He has me reporting KRVN-880 in Lincoln, Neb. w/antenna pattern tests @ 3:06 & 4:15. Well, that sent me running for my log because that didn't sound right. So, here's the way it was supposed to go: KRVN-880 Lexington, Neb. has been heard running antenna pattern tests on 3/10 @ 3:06pm & 4:15pm." This was on P. 2 if you want to go back & correct it. Nothing like correcting a mistake eight months later! I will give BGK credit though for spelling my name right, something a lot of people have a hard time doing. (Bruce - E-R-U-C-E - hi) Thanksgiving break starts tomorrow (11/23) & I plan on a lot of listening. Thanks to Andy Kerr & Jerry Starr for info on BC-221 frequency meter. 73 & good DX.

PLEASE KEEP UP THE FINE MUSINGS WORK! BE SURE TO GIVE FREQUENCIES OF CATCHES!

RANDY STEWART - 2951 East Bennett - Springfield, Missouri - 65804

I've been doing a lot of SSS DXing the past few weeks, and though some goodies have turned up, most of the stations heard have been insipid semi-local c/w daytimers, such as KTKO-1000 Oklahoma City @ 6:06pm EST, KXOW-1420 Ark. @ 6:09pm, & KELI-1430 Tulsa @ 5:17pm, all on 11/13. There have been some goodies as I said, among them WVOV-1000 Ala. @ 5:34pm w/a fair signal & KTKO QRM on 11/7; a weak het on 925 @ 6:14pm 11/13 that probably was PJA6, but too much WKY-930 to p 11 any audio out, & WXTN-1000 Miss. @ 5:59pm s/off at a very good level on 11/13. I've found 1000 to be a very good frequency for daytimers at SSS. 1070 1550 & 1600 have also produced several new loggings. Other DX: 11/6- I had the "Monitor Beacon" and Joe Garagiola; unmistakable voice in the middle of all the junk on 1070. I checked an ancient VJ Log & WAPI was the only listed NBC affiliate on 1070. Is this what I heard? Time was 8:46pm. 12:30pm: I heard fairly new KAYQ Kansas City w/a fair signal & alone on frequency. Splash from WOAI, @ 1:20am. 11/7- WKDA-1240 Tenn. came upon top of mess w/an ID @ 1:20, then went back under again like a drowning man. I haven't had but three of four reports out since about June, all within the last three weeks. I am still waiting on CBK KYW w/a v/q in about five days, & KWMT-540 Ia. back in two days w/a rather disappointing v/q; apparently they don't believe in detailed verie texts and want to remain anonymous because no v/s, no verie text except "Your report is confirmed." Oh well, it was back in two days after I mailed the report. I guess you can't have everything, hi. Before I go, I want to say SCers, please write! I want to start a collection and have just a few to trade, all courtesy of Rich Eddie. I've got four KGGF, three KXOK & five KIRLs to trade one-for-one w/the first people who write. That's it.

BOB CUROLE - Box 594 - Golden Meadow, Louisiana - 70357

Greetings everyone! I hope everyone had a Happy Thanksgiving. Since this is my first Musing, an intro is in order. I'm 33 years old, married, & have been employed as a deejay for KLEB in Golden Meadow for the past 6½ years. I've been turning the dials since 1960 but I never kept logs or got real serious about it before I joined the NRC. I regret not joining back then. Some changes have taken place in the shack for the start of this season. The SX-99 was replaced by a brand new HQ-180 and the longwire was replaced w/an SM-1. I also added a BC-221 frequency meter. Isn't this a great DX season? I hope everyone is enjoying it. Totals heard since last January: 275 stations; 29 states & 13 foreign countries. Recent pre-SSS DX: 11/19- 3:04pm, KPSA-550 San Antonio, fair w/the Cuban nulled. 3:27pm, KILT-610 Houston w/rr w/WMEI Pensacola nulled. 3:39pm, WSUN-620 St. Petersburg, Fla. w/moR w/WJDX Jackson Miss. nulled. 4:07pm, WGBS-710 Miami w/ID u/ WKRG Mobile. 4:30pm, KMMJ-750 Grand Island, Neb. w/WSB nulled. Does anyone know if there are any other NRC members from Louisiana besides Dr. Wood & myself? I've never had the pleasure of meeting Dr. Wood yet but I've read his articles & I have one of his books. I wasn't able to make the last convention but I'm counting on making the one in Miami in '72. Good DX and 73 till next time. (Greetings, Bob, and we hope you will be a regular in Mjsings! -ERC)

BILL ALISAUSKAS Jr. - Box 93 - R.D. #1 - Lake Hopatcong, New Jersey - 07849

Hi gang! Here's my contribution (finally) to help make this section a big one. Page Taylor said if I write one, he would, too, so now we'll see, hi! (He DID, too -ERC) Biggest news here is the change of address & phone; new address is above & new phone is 201-663-2529. I'm up till 10pm weeknights (Sun-Thurs. PM) & usually any hour goes Fri. & Sat. nights. DX here has been interesting here - even with only 232 stations heard. Some have never been heard in 11 years of DXing, such as KRCB-970 11/6 @ 5pm s/off, PJA5-1435 @ 8pm (11/6), WIAM-900 11/8 @ 5pm s/off, also CKNX-920 @ 5 070m, & finally after 11 years of looking, WEBR-970 11/16 @ 5:48pm, burying WWDJ & the others. Also some not heard in ages - such as CKGB-680 10/30 @ 6am, WKLM-980 11/2 5:08pm, WQNE-980 11/4 4:55pm. CHOK-1070 11/8 @ 4:42pm, WBAY-1360 11/11 @ 5:06pm, and WPAQ-740 11/16 @ 5:06pm. Also, one other nrw one never heard before, WNNP-690 11/17 @ 5pm s/off plugging FM 100.9.

ERNIE J. WESOLOWSKI - Vacationing in Freeport, Bahamas

I visited ZNS-1-2 yesterday. I'll have a complete report later. Most Miami TVs are seen here, 180 miles away, no local TV. Fla. & Cuba too.

CARL "SKIP" LABELSTEIN - 3300 North 56 Street - Lincoln, Nebraska - 68207

DX has been fairly good lately w/several new stations by way of SSS DXing. 10/27- KRKS-990 Denver heard w/their 7:15 s/off. KRGO-1550 Salt Lake City w/c/w @ 7:25. 10/28- KBBA-690 Benton, Ark. w/Garner Ted @ 6:25, just prior to s/off, KFSA-1220 Denver (second in two days) s/off @ 7:15. KJAT-1550 Tucson s/off @ 8. 10/30- KOUR-1220 Independence, Ia. w/f/c-TT @ 12:15. (CST? -ERC) 11/1- TEST from WYDK-1480 @ 2:30. CKXL-1140 Calgary for a report @ 2:45. KKH1-1550 San Francisco w/cl mx until s/off @ 3. 11/7- S/off from WDUX-800 Waupaca, Wis. @ 5:30. KAFE-810 Santa Fe w/NX interviews @ 6. KDAZ-730 Albuquerque s/off @ 7. This is the third call I have heard for that station, previously I heard KMGM & KVOB. 11/9- KBOI-670 Boise w/CBS NX @ 7pm w/WMAQ partially looped. 11/11- KFKA-1310 Greeley w/phone-in sports program @ 6:30pm. 11/13- f/c-TT from WCCR-1580 Urbana, Ill. @ 1:15. 11/14- KGFx-1060 Pierre, S.D. w/c/w mx @ 12:15pm. KIMM-1150 Rapid City S.D. @ 6:15. 11/17- WSWW-1590 Plattsville, Wis. @ noon w/Clay-Mathis fight from Mutual. 11/18- WSIV-1140 Pekin, Ill. w/NX @ 8am. S/off from KMEB-740 Phoenix @ 7:30. This call was previously used by KOWH-660 in Omaha. 11/19- KNEI-1140 Waukon, Ia. w/c/w @ 7:45am. KUURL-730 Billings, Mont. s/off at 6:45. 11/20- WLIL-730 Lenoir City, Tenn. w/c/w @ 6:30am. WPIA-900 Louisville w/religious mx @ 7. WPIT-730 Pittsburgh @ 7:10. KIKK-650 Pasadena, Tex. w/c/w @ 7:30. S/on of KLPR-1140 Oklahoma City @ 8. 11/21- WYDE-850 Birmingham, c/w @ 5:30pm. WPRE-980 Prairie du Chien, Wis. s/off @ 5:45. KNOK-970 Fort Worth s/off @ 6:30. Several veries have come in lately bringing my total to 1,020. They include: KCBC KMNR WREC KOUR KVDB KCRL CKXL KKH1 WDUX KUAT CKOC KDAZ KBOI KAFE KFKA KIUB KGFx WCCR KTHS CBX. Not too much else to report from this end. I hope our Miami area members get to the Orange Bowl to cheer our #1 Huskers January 1! 73s

JOHN OLDFIELD - 11623 84th Street - Edmonton 20, Alberta

Poor ole Ernie Cooper. His 860 mystery wasn't cFPR Prince Rupert. All he did was pull a needle in our Canadian DX haystack. The annual GROG award will read: "ERC, Miracle Worker". CHAK-860 Inuvik, NWT is only a mere 1,200 miles N of here, & although 860 is supposed to be a Canadian clear channel, XEMO dominates here (with some CFPR). XFFR has s/off @ 3:08 (ex-4:05) now, leaving CHAK on alone until 4 daily. CHAK carries some CBC feed via Edmonton, but is mostly live in EE, Eskimo, & Indian plus lots of CBC Northern Service taped shows (for those SWL DXers familiar with this stuff). On a "clear" channel CHAK is lkw non-directional. And could be easy (except for XEMO & KOWO) any day. CHAK was taped here one MM 11/15 3:06-4:02 s/off CBS Northern Service taped show, w/much XEMO QRM but if I knock them out I lose the CHAK angle here. Other goodies taped lately: 11/2- ZNS-1540 (KXEL etc) 4:40-5:30am easy listening format @ 2,800 miles. Haiti-1035 taped for a new country as well as Tarawa-844. Both heard before, but never enough to really be sure. The 750 show was neat. Caught were WSB/JBC/SS/KFQD/Japan all in the same hour! Things like this really make my ego swell, hi. Edmonton is now a big (for Canada) city of 512,000 DXers in a nine-station market. #9 is CJOI-1440 lkw, our new semi-local, located in Wetaskiwin (Indian for "Hills of Peace") The "Voice of the Parkland" soon to be your JOI-ful friend, 24 hours a day. That's NSP rr, & automated AN, protecting CFCP/KMED/KODL/KILO, poor signal here (40 miles) nights, but CE says 10kw by Spring pending CRTC approval. Tim K's local signals are somewhat similar here. Local CHFA-680 sometimes has KNBR beneath them & semi-local CFCW-790 10kw has a strong friend in KJRB here in the city of ice & snow. My latest rumor: When CJJC-850 moves to 800, the CBC will again apply for probably 860 Vancouver. Because of FCC giveaways in the Seattle area, poor Vancouver has no AM space. The CBC was forced to put FF on CBUF-FM, but the Canadian Government insists on being bi-lingual across Canada, this the reason for CBEF-540 Windsor, maybe. The CRTC has again denied local CKUA-580 an extension of their license which expires in March. CKUA, since 1927, is Canada's only licensed non-commercial station, and the catch is they're Provincial Government-run, which is a CRTC no-no.

DURING THESE HOLIDAY DAYS, WE SUGGEST SENDING IN YOUR MUSINGS A DAY OR SO SOONER SO THAT WE MIGHT GET THEM INTO DX NEWS SOONER. WE WILL BE CLOSING OUT A DAY EARLIER SO AS TO GET OUR COPY TO WATERTOWN IN TIME.

ROGER W. WINSOR - 718 North Fremont Road - Valparaiso, Indiana - 46383
 11/17- WBBC-680 @ 1 s/off, WTCR-1420 on ET/OC/TT 1:39-1:40 s/
 off. UnID c/w 1:49-2 OFF, PROBABLY WUCR-860, but no ID, IT on 1570 @ 2:17-2:45
 tuneout WFBF, WMLP-1330 ET/rr L&C, many IDs, @ 2:50, umm. WITZ-990 in 5:10-5:30
 s/off w/rr, reported. WLB-1410 in beautifully w/c/w 5:41-5:58 tuneout, should
 have gone DA @ 5:45, but didn't till 5:52, then only weaker, but still on top.
 11/18- WCIR-1070 heard daily around 5:03 ending NX, but too much WIBC to hold.
 KQWB-1550 w/rr, local spots 5:50-5:59 fadeout, assumed s/off, but covered by WSAO
 s/off, nothing when they went off. 11/19- KEGG-1560 TX/ET/mx 2:08-2:29 s/off,
 also KKJO-1550 ET/TT for at least an hour, WMSL-1400 f/c 3-3:15, then into rr, so
 is on later than sked in NRC Log, perhaps AN-6? CX great to WC. KIRO c/w WOR null
 & KPNW likewise w/KMOX nulled @ 3:55. 11/22- A index 10, a bomb for me. WCEM-
 1440 @ 1:30 s/off-SSB, then WAAB ID, WOKY-920 is NSP again, so is WBAP-820; rr on
 1440 2:30-4 logged as KQRS, one ID, one PSA & one spot in that time, the rest all
 mx. WBLU-1480 s/off @ 5:15, so not on 680 yet. 11/23- Apr 19. WDSU-1280 all a-
 lone @ 1:08s/off-SSB leaving only WMRO who is AN-6 also, SP MM 1-6:30 per phone
 call, WIMA-1150 is also AN now, WMPX-1490 @ 1:45, so is on longer than sked, beau-
 tiful KXYZ-1320 HI 1:58-2:15. That AM SRS good, WGNU-920 @ 9:27 w/jingle. Also I
 logged WILY-1210 10:18-11 for another attempt at a verie. That PM WPHB-1260 4:40-
 5 s/off w/c/w & many ads, WDOC-1310 w/ABCINX 5-5:15 s/off, WOKY-1060 5:26-5:28 s/
 off-SSB, WENR-1090 5:30-5:35 s/off, no SSB, & finally KUOA-1290, sweet-sounding
 r/c market reporter to 6:10, then mx to 6 15 s/off, no SSB. 11/24- KFTI 1560
 r/c-TT L&C 2:05-2:15. KVSH-940 TT, 2:15 ID, in PoP. 11/25- WJBE-1430 L&C o/WIRE
 CKFH off, I guess. WJBE had TT & frequent IDs w/KRGI r/c QRM 1:50-2:05. WJHO-
 1400 2:30-2:35 fadeout, WHYY-1530 r/c L&C 2:45-3, likewise WTCB-990 3-3:15, both
 w/DT. 11/26- KGVJ-1400 r/c-TT L&C 1:30-1:45, phonetic IDs. KSTW-1450 OK on r/c
 1:45-2 w/one of the longest IDs ever, not reported. 11/27- KNBI-1530 r/c 1:10-
 1:19 s/off, KBRS-1340 r/c 1:30-1:45, WAED-1370 1:50-2, KWEW-1480 2-2:15, KQXI-1550
 ET/mx ID @ 2:03, new r/c-TT of KNWS-1090 2:30-2:45, is r/c per phone call. 11/28-
 WMOX-1010 5-5:40, forgot to change pattern/power. 11/29- WMGS-730 not heard as
 expected, WSGO-1440 N.Y. @ 1:25 umm, WCVR-1320 @ 2:40, 2:44 & 2:48, WSER-1550 ET
 mx/OC 3:15-3:45. PM, Aurora- WDMG-860 alone @ 7:05, WRUF/WYDE only @ 7:15, KNED-
 1150 OK @ 7:35 ending NX, WXOK/WMBR-1460 mixing @ 7:45, KDNT-1440 7:55 w/NX o/WHYY,
 KLVL 1480 EE ID, then SS mx @ 8, KCOR-1350 dominant @ 8:04, & the best of the PM,
 KXOK-1280, all 100w @ 8:05 ID taped for posterity. Now 2,699/1,075, 49 countries.

JOHN TULL - 5539 Oak - Kansas City, Missouri - 64113
 First off, new veries: CKLW-800 WFAA-570 WLDL-1180 WIXC-1140 KGNO-1370
 & XEK-960. XEK said they test every third Tuesday 1:30-2am EST. Lots of EE so
 you all should be able to pick this one up. On the home front, my wife fell down
 on 11/30 and broke her pelvis. Doctor said 30 days in the hospital. Perhaps I
 haven't had good luck on some other Christmases but this takes the cake! However
 she may be home for New Year's. I hope so! I will not be Musing for a while but
 I am sure doing better with dishes and the washing, hi. 73. (Sorry to hear of
 your wife's accident, John - we all hope she'll be home for the holidays! -ERC)

BERNIE DUFFY - 350 Richmond Terrace - Apt. 1P - Staten Island, New York - 10301
 12/6, I was unable to definitely log WCGB's promised DX-cast, at 1
 -1:30, on 1050k. An FFC dominated others there, @ 1-1:15, I'm wondering if it wa s
 CKSB, St. Boniface, Man. (Yes, definitely heard here -ERC) WKTU-1380 Farmington,
 Me. TEST came in quite well, from 2 17 on. Additions and veries are few and far
 between for me, but I "keep trying."

GENE ALLEN - 134 Bret Harte Way - Vallejo, California - 94590
 Thanks to the many DXers who wrote & expressed an interest in the 129
 X tube problem. Also, to the fine generosity of Tony Hagattuta & Don Erickson.
 I am not sure if the filament section of the power transformer will take the added
 load of 3-6SK7 filament drain assuming these tubes take double the current of the
 6SS7. Suppose I could write to Hammarlund! Latest DX here is KPVH-850 Pinole,
 Cal. ten miles distant. Operation is at Pinold Valley High School from 10-4 daily
 - probably a wired station but they put in an S-9 signal here. My son, who has a
 Kenwood Stereo, heard "Needham, Mass." around 1500 the other AM. I think he must
 have had WMEX. Help on this from the Boston area would be appreciated.

RONALD F. SCHATZ - Box 2814, AMF - Miami, Florida - 33159
 Greetings & sanitations from the Sunshine State! I have been
 quite busy lately w/non-DX Club items, including an intestinal infection, of all
 things. At the moment my HE-30 is on ice awaiting sale to Sheldon Miller. New
 in the den is an HA-600S, an excellent RX, but it has more sensitivity than it
 can handle. An attempt to install that Collins MF in the RX per the book has re-
 sulted in a 20db signal drop, so I'm not DXing until I get the rest of the specs
 on the MF so I can design the proper circuit - otherwise GPN will have to refund
 my \$60, hi. Shawn Ratz wishes to thank YAD for the commemorative stamp. He also
 calls the ISCA a fraud, put on, and technically unfeasible, & SR is proud of hav-
 ing originated the most successful Nibi-Nibi type hoax in DX history. Moral: You
 can fool most of the people some of the time. Seriously, not only are cardioid
 arrays feasible, but they have existed for years. Literature on the subject can
 be found in The ARRL Antenna Book, the Antenna Engineering Handbook, etc. But
 it's interesting to note that those few who are calling the ISCA technically un-
 feasible are keeping their statements unpublished and on the grapevine, nor are
 they backing up their statements with any tangible proof. I don't believe in
 Nibi-Nibi jokes, nor would I survive one, so you can trust my word re ISCA's, etc.
 See my up-coming article on Composite-Pattern Arrays for the MW DXer - it'll
 scale the lateral lines off our YAD friends, hi. Anyone want to buy a working
 Panoramic Adaptor for \$30? Write if interested. Also, if you haven't yet sent
 in the Convention Questionnaire from the 11/27 issue, please do so while you have
 it in mind. Just take a scissors and sciss! While in Miami in '72, be sure to
 try our local foods: Breaded turtle steaks, conch chowder, key-lime pie, stone
 crabs, Regal Beer, etc. And all the O.J. you can drink will be available in the
 meeting room; just add vodka. Coconuts of course, are lying all over the place.
 And for the timid, there's MacDonalds, Kentucky Fried Chicken, etc. Remember,
 it's Miami & U in '72, where we won't let you starve. By the way, VOA-1178 made
 it in 11/14 with slight audio, but not enough for a logging. And we note a Cuban
 on 1030 days. OK, meet our Caribbean duo - the NEW Dave Gleason and the original
 Cesar Objio in Miami in '72 - Sept. 1-4. 73.

CESAR OBJIO - Calle Benigno F. Rojas 46 - Santo Domingo, Dominican Republic
 Hi, friends, I thought that NRC was already non-existent as I wrote
 a letter to HQ on 9/28 asking for some reprints and had no reply (a new letter is
 mailed today 11/30). Last issue received here was #c 10/16, so I thought every-
 thing was over in NRC, when suddenly on 11/24 I received FIVE issues (#3,4,5,6,7)
 - how do you like that? But the information to read, answer, check frequencies &
 compare notes with everybody, that's gone. Where is the problem in the mail?
 All issues are postmarked Santo Domingo Nov. 22. Boston's is unintelligible, so
 there's nothing to do. I hope this will not happen again (sigh). I will start
 checking unIDs in IDXD from #3. There has been much talk about how to address
 letters to R. Morgan on Islas San Andres, my recommendation as a Latin American
 is that if you mail your letter in the U.S., Germany, India, or South Africa, you
 must write it this way: "Radio Morgan, Islas San Andres, Colombia," but if you
 live in Colombia it is also good to write it the most understandable way for your
 letter to reach destination, it is quite possible that if you write only "Islas
 San Andres" is enough. I welcome typing work of articles for DX NEWS, please ask
 me, or just mail them down here & I will type & mail them to HQ. No postage is
 required. See you all in Miami.

[It was the widespread dock strike here in the U.S., César; before
 it was ended recently the Post Office embargoed most mail leaving
 the U.S. for international destinations; the Post Office is now
 once again accepting international mail and our foreign members will
 be receiving the 5 or 6 issues which were affected by the embargo
 all at once. Naturally the embargo was released just in time for
 the annual Christmas time postal logjam... (BPC)]

BILL FEIDT - 8708 Contee Road - Apt. 14 - Laurel, Maryland - 20810.

Latest in the strange CX department: The evening of 11/29 seemed very Auroral; WHAM gave way to VOA; WOWO, WCAR, Chicago stations all missing during the early evening & quite weak later on. So, I thought we were in for a strong Auroral disturbance. However, this evening, 11/30, everything seems to be pretty much back to normal w/TAs in. Could it be that Auroral ionization dissipation occurs much more rapidly after an extended period of low A₃₀₀₀ numbers? A kind of reverse cumulative effect? New loggings: 11/16- WEVD-1330 N.Y. @ 8pm s/on & into religious program. TIGRHB-1125 San Jose @ 10:55-11:04pm w/bright LA vocals & "R. Capital de Costa Rica" ID. 11/19- WYDE-850 Ala. 5:20-5:33pm w/c/w format very strong o/all else here - v/f received. WOZK-900 Ala. @ 5:45pm s/off & promo for FM, weak, but clear w/Canadians nulled. 11/22- KFGR-1580 Mo. @ 6pm s/off; promo for FM & mentioned Tiger B.C. 11/23- WSNE-1170 Ga. @ 5:20-5:28pm w/talk to s/off o/u WWVA. They used "How Great Thou Art" as theme mx before s/off announcement. 11/24- WHEO-1270 Va. @ 5-5:08-, w/NX & WX for Virginia Bank; faded rapidly after ID. 11/25- WEER-1250 Va. @ 9:59-10:02am w/ID & NX along w/WNOV. 11/26- WBFD-1310 Pa. @ 4:55-4:59-m w/NX/WX to s/off; WEEL nulled. 11/29- WAVS-1190 Fla. @ 5:05-5:30pm e/extensive business NX & local spots to s/off; some WLIB QRM, but WOWO gone completely. WAQY-1220 Ala. @ 5:44pm s/off well atop frequency; WGAR nowhere to be found. R. Barados-900 @ 6:35-6:50pm w/EE accented talk & ID by gal @ 6:45 after one minute of OC; was fairly weak & had QRM from another SS. WAMD-900 Md. @ 7:10-7:16 w/"WAMD Bulletin Board"; usually not audible here u/strong WMSW, which was completely absent this PM. R. Universal-1080 Maracay @ 7:40-7:45 pm briefly atop jumble w/many IDs. ZDK-1100 Antigua @ 7:50-8:05pm w/R&B format & ZDK NX on the hour; WKYC missing. CMGY-1220 Perico @ 10:55-11:02pm w/soft piano mx & R. Viente-seis, cadena provincial ID on the hour; WGAR now very weak. 11/30 - WIXC-1140 Fayetteville, Tenn. @ 5:45 s/off o/u WRVA w/mention of Lincoln County, B.C. Also have 17 new tapes this time, but I am about out of space. Two items of note: 11/24- KCMO-810 Mo. @ 5:56-5:58m w/pop-country format way o/WGY; rare here, & needed for tape. 11/29- WCVR-1320 Vt. @2:02-2:52am w/TEST w/fantastic signal - report out. 73 & DX.

ERNEST R. COOPER - 438 East 21 Street - Brooklyn, N.Y. 11226 - Carrier Route 56. One v/1 in, with CM & a Soul Calendar in color - but it's for 1971, which is just about caput, hi. Oh - KOKA-1550 is the station, hi. Well, some DX in, and here we go. 11/30- Unn WIRV-1550 on ET/mx @ 1:28. SM 11/5- I tried to get a log on R. Mil-1180, HIBE, and they were there all-rightie, but so was R. Globo, Rio de Janeiro, and the latter had the better of things, so not too much on Mil - maybe next SM some more, then we'll send a combo report on the two SM receptions. MM 12/6- Well, after "thinking Aurora" for two weeks, I went after WCGB-1050's TEST, & by golly, we got 'em, w/interference from CHUM/CKSB/XEG, w/CKSB s/off @ 1:11 w/GSQ in FF. No no - Oh Canada, I mean - sorry. Then WCGB was second to CHUM & o/XEG here for the most part for a fine logging. Several CW IDs certainly were helpful, and one band selection also. Then after 1:30 I tuned around & found dear old WOR-170 off, even their carrier, and a log taken on AN-SS HJFT "Ecos de Combeima" in Ibague (Ee-bah-GAY). They were, as Foxy's section told us, above 710 a couple of kc/s. or so. WGBS-710 ET/OC all AM w/IDs on the half-hour, must be their day pattern/power. No go on KUPK-1050, thanks to the card from Carl Junker, but somebody w/TAs on/off there, and XEG by now was gone, only CHUM & the TT/OC there, but seemed too loud to be KUPK, & no IDs given, & no mx. Then I hit 1380 & found WKTJ had started early, logged 2:20-3:03, asking for phone calls. Whilst tuning with my SM-1 on MM, the dial got tighter & tighter. By the time I closed down & went back to bed around 3:05, the dial was very very stiff, & little metal filings were falling out of it. Rick Heald came over that evening to try to figure out what could be done, and he loosened it up somewhat, & now it works, but the whole dial spins, and while it isn't too artistic, it still does its work, which is excellent. I'm thinking of ordering the SM-2 - how about some material about it, Joe Worcester? Any trade-in value on an old SM-1 for a new SM-2, a la Ford, Chevrolet, etc. hi? And may I wish for everyone a very Happy New Year - watch the dials that morning, too, if you're not at a party.

(continued from next page)

claimed them 'cause I never IDed them to my satisfaction. With a tremendous signal provided by the Aurora, I got all the R. Tiempo IDs I could wish for @ 12:55am. So mark it down as country heard #11. All the above w/SPR-4 & SM-1. That's it - good DX to All!

STEVE KENNEDY - 201R Dobson Avenue - Bay Minette, Alabama - 36507

Jowdy y'all from Dixie! Well, I 'spose it's 'bout time I send in another Muse this month. First off, I'd like to say a very "preciate it" to Joe Brauner of Pa., Bob Carole in La., John Lombardo in N.J. & Dave Christensen in Wash. and to the others who wrote me about the RXes I "axed" about in DX NEWS #7. Gang, keep sendin' in that info cuz I need it so someday soon I can decide on what DX machine I is going to buy. Here is a list of RXes in mind: Collins 51J 1 through 4; Drake SW-4 & SPR-4; Hallicrafter SX-99; SX-100, SX-122 SX-130; Hammarlund SP-600 (oh nuts, what am I talking about, that's the RX that got messed up in the lightning) HQ-100 HQ-129 HQ-145, yes Gordon, HQ-180; Lafayette HE-30; HA-230, HA-80 & HA-600; National HRO-60 HRO-500, NC-109 NC-188, NC-190 & NC-400; any Eddystone RX; Realistic DX-150; Technical Material Corp. (T.M.C.) GRP-90 and GPR-90RX; Allied A-2515; Hallicrafter SX-133; Hammarlund HQ-215, U.S. Army R-290 & 390 and finally ITT Macky Marine 3010B. Yep, 36 different units, all the info I receive from the owners of the various RXes will be used to compile an article some day that should be in DX NEWS about the top receivers in use, from your comments, also this will be a deciding factor on what RX I will buy as not only I DX BCB, but SW also. Sorry about that. And also I have plans of going into the frequency measurement business. So now you know, I have got to have a good RX. The important things to mention is Sensitivity, Selectivity, Stability, and most important, Tuning Rte & calibration. This is utmost importance cuz I am paralyzed in my right arm and tune with my left hand & it ain't too steady. I have thought of buying a ham band RX & put a converter in the front end to "down-vert" the signal. Soon I hope, there should be a good article on MTBF or meantime before failure. Right now I is DXing on a, get this, a Nams Clarke Field intensity meter. Yep & it's got a built-in loop. (I don't recommend it for serious DX). Sensitivity with new battery & running wide open is 1 uv/m. I think I am going to enter the Domestic DX Contest using the FIM. DX: 1/26- Times EST - 7:24pm, WYNA-1590 Ala., KARK-920 Ark. @ 8:28pm. 11/27- WBIX-610 Fla. @ 10:30am w/rr (ex-WMEL). MM 11/29- KNOE-540 La. @ 12:49am w/rr; WDAF-610 Mo. @ 1 w/rr; WNOX-990 Tenn. @ 2:10 w/rr; WIRL-1290 Ill. @ 2:45 w/NX; KFH-1330 Kan. @ 3:02 w/NX. Remember, send in your RX info, gotta git, the ole hay burner wants to go for a ride. Merry Christmas, Hannakah, 73, DX & PEACE. 30.

KEITH BIRLINGMAIR - Route 1 - Box 44P - Rockton, Illinois - 61072

Well folks, I'm back, like it or not. DX follows, but first, RJE, WNDR-1260 WAS running the History of Country Music on 10/18, odd as it does seem. DX is not too bad lately, but I'm afraid the MWA has set in. 11/26- WOKJ-1550 was heard from 1:13 to 1:35. In better than any other time, for a new state. 11/27- KGIC-910 noted, WFIR-960 w/HI until 5; then MoR w/WBRC QRM. KFI not d very weak @ 5:28 unn. WDXR s/on @ 6, isn't it supposed to be 6:30? WIBV-1260 newie, in w/BB game & one ID @ 9:55. c (BKB, no? -ERC) UnID on 1280 w/ad for United Rent-All & a BB game @ 10, WWTC? WJAS-1320 heard @ 10:19 w/ad & talk show, mucho QRM from KXYZ/WIIS, especially WIIS. WMBD-1470 Ill. unn logged w/c/w song & sports, @ 11:27. XEX-730 logged @ 11:53 w/LV de Mexico. XEW-900 logged also @ 12:19 11/28 AM. UnID TT'er on 1360 for the next hour, from 12:52, no IDs & all. Sounds like an engineer forgot to hit the switch. WSAI-1360 heard w/rr at 1:44, lots of WBAY also. XEG s/off @ 2. WIP-610 @ 3:30 w/MoR. Going backwards, WRR-1310 was logged @ 8:36 on 11/28. Now on 11/29, Tentative, WCVR-1320 logged 2:18-2:36, if the TEST had TT 'lmost continuously during that time, w/frequent breaks & changes in pitch. I sure hope it was WCVR, 'cause that will be my 36th state. Extremely weak signal at times, at other times, very strong. Also KFH-1330 @ 2:44 w/c/w & WX. WSLR-1350 w/MoR & an ad @ 3:04. WNUS-1390, finally, at 3:30. KFRU-1400, Mo. in fairly well, considering the status of 1400, @ 3:34 w/MoR & a lot of talk. SS on 690, R. (three syllables), w/ID @ 4:30 & 4:34, big band

type mx, who? WING-1410 heard @ 4:55am w/WX. WDIA-1070 heard @ 5:17 w/NX.
WKYC on C 5:26. KCRG-1600 @ 6:03 w/rr & farm report. KNOE-540 heard w/Extremely
weak signal - I had everything wide open and could just barely hear 'em. They
had Ac NX & ads, 6:52. CBK s/on heard - thassit. The Beverage broke - too much
ice. Does anyone know if KYEL goes off on SMS like they're 'sposed to? I waited
three hours for their s/off & finally went to bed. Let'd do a Captain Glotz to
their towers! 73. (You shoulda waited 24 more hours, Keith - now off MMS -ERC)

ROGER GIANNINI - Apt. A - 3 Ben Louis Drive - Belleville, Illinois - 62223
1/29-12/1 have been Aurora & TA activity at a standstill but
quite a few interesting Dixie loggings were made. 11/29 PM, WEL0-580 w/WIEW/WCHS
looped 7:10. 610, UNID Mexicans, one in, then out followed by another one, XEUF,
XEEX, most likely. No s/off of WSGN, 7:14. (?? - ERC) CMQ-640 looped & KFI w/
fair, listenable signal @ 8:35. Pretty funny to hear a highway traffic report at
this hour. 11/30 PM, KSAC-580 w/VILL looped, having a talk w/CE who set up the
first police station W of the Mississippi in K.C. & discussed Kansas State U's
radio school, 5:50. KAIT-900 w/XEW in the background. PJA6-925 w/good signal @
6:12. XEMR-1140 w/WVA looped w/rapid M-F exchanges (?? -ERC) & mentions of Mon-
terrey & rr 6:35, fadeout @ 6:53. WBAL-1360 w/Life Line 7:25 w/WSAI looped, but
KSAJ took out WBAL @ 7:35. WLBj-1410 w/men's sports 7:40 & WING looped. KBAT-
680 looped & a surprised WCAU logging @ 8:45 when looking for WPTF. (WCAU-1210??
ERC) KNBR has been last several nights by 9 last several nights. 12/1- Defini-
tely an Aurora night & it started early @ 5:30pm. KIXL-1040 w/fair signal 5:30
w/WHO looped. KCPA-1030 w/no trace of WBZ. WXTN-1000 w/WCFI partially looped @
5:45. WSJC-810 strong @ 5:53. PJB-800 good in SS @ 5:55. XUCH-790 w/WAKY looped
@ 6. CMCD-760 fair w/hardly a trace of WJR 6 02. WJR was poor throughout even-
ing. YMGN-720 good w/WGN looped 6:05. KEEL-710 strong w/a trace of WHB, 6:10.
TGRH-700 w/a partially looped WLW, 6:13. KNOE-540 fair @ 6:17. CMBC-690 ex-
tremely strong 6:20 w/WVCK fair & CMBC looped. I came back to 690 @ 7:40 & was
able to loop CMBC & get KGGF. Strange not to hear WITX. HJKC-850 good w/KOA
looped 6:45. KONO-860, WDMG dominating. TGJ-880 stronger than looped WCBS 6:53.
KGCL-910 strong 6:55. VOA-1180 strong but WOWO-1190 WCAU-1210 normal 6:57. YVOZ-
1200 w/WOAI looped 7:07. WRAD-1460 Va. w/KSO looped, another surprise logging.
This has been an interesting season. I'm still using the old loop. 73.

JERRY J. MILLER - 3101 Washington Street #113 - Bellevue, Nebraska - 68005
This is my first Muse so an intro is in order. I'm married,
have one son, & am stationed in the AF here. My RXes are a Drake SW-4A & my
antenna is a very crude loop mounted outside my mobile home. If only my list of
NRC re-prints would come I could try a better antenna. I started CBX DX last
January as SWling CX waned and have 124 veries, 56 still out. In closing, some
late loggings: KFYO-790 KDSX-950, WBAM-740 on 11/30; WACO-1460 on 12/1 and KWKH-
1260, CJRL-1220 on 12/2. The latter blew WGAR right off the frequency. I heard
the WAMB TEST S-7 o/KLIF while still using my old SWL vertical! I even called in
but have yet to receive my verie. Thanks to Jerry Starr for the nice verie from
WHOI. I didn't realize he was the same one whose loggings I've been reading in
the NRC Bulletin. I think a list of abbreviations used in DX NEWS would be use-
ful to new members. Good DX & 73s. (Welcome to the NRC, Jerry, & we hope you'll
be in these pages very often! -ERC)

FRANK SMITH - 418 Chadbourne House - University of Mass. - Amherst, Mass. 01002
Still no DX here at UMass. There's a probably 30 TV sets within 100'
of my room. I've got a TV harmonic problem that you would not believe. So I had
to wait for Thanksgiving to do some DX. I got home just in time for a minor Aur-
oral storm & the now famous Great Thanksgiving Blizzard! 14" of the white stuff in
Greenfield. Anyway, here's the DX. 11/25- WCAO-600 Baltimore @ 7:25pm o/semi-lo-
cal WICC. On 11/26 I heard the WYRE-810 Annapolis TEST @ 12:35am. Lotsa noise
but little QRM, very good signal level. Then on 11/27 w/the Aurora going full
blast, XEG-1050 Monterey w/EE ID @ 12:17am, unbelievable signal level, way o/WHN
here in Western Mass. Also YVOZ-1200 Venezuela heard many timed before but I never
(step back one page)

Compiled by Len Kruse

October 15, 1971

CONSTRUCTION PERMITS ISSUED BY THE FCC

Freq.	Power	Call	Location	Owner
570	500 & 1,000	KVOK	Kodiak, Alaska	Loren F. Bridges
580	5,000	KYUK	Bethel, Alaska	Bethel Broadcasting, Inc.
710	250 D	WEGG	Rose Hill, N.C.	Duplia Broadcasters
720	10 & 50 kw	KIXQ	Las Vegas, Nev.	Radio Nevada
800	1,000 D	WRKV	Rockville, Conn.	Eaglecon
	250 D	WSSY	Largo, Florida	Largo Broadcasting, Inc.
850	500 D	WCUG	Cuthbert, Ga.	R. G. Blaskow
860	250 D	WUCR	Sparta, Tenn.	Cameron Broadcasting co.
940	250 D	WNAL	Nelsonville, O.	Valley Broadcasting, Inc.
970	1,000 D	WBOM	Jacksonville, Fla.	B. F. J. Timm
	5,000 U	KIAK	Fairbanks, Alaska	Big Country Radio, Inc.
1000	500 D	W	Parma, O.	Northeast Communications Co.
1060	1,000 D	WGTR	Natick, Mass.	Home Service Broadcasting Corp.
	10 kw D	KAMA	El Paso, Tex.	Jack R. McVeigh
	10 kw D	KHYM	Gilmer, Tex.	Upshur Broadcasting Co.
1070	250 D	WKMB	Stirling, N.J.	K & M Broadcasting, Inc.
1110	1,000 D	WFIYT	Noblesville, Ind.	Mid-Indiana Broadcasti ng Comp.
	1,000 D	KCIA	Humble City, N.M.	C G S Company
1130	250 D	WCTM	Eaton, O.	Western Ohio Broadcastg Servie e
1140	1,000 D	W	Warsaw, N.Y.	John B. Weeks
	1,000 D	K	Yakima, Wash.	Virgil W. Treadwell
1150	500 D	KBAB	Morro Bay, Cal.	Morro Bay Broadcasters
1170	1,000 D	WERW	Somerville, N.J.	Somerset Valley Broadcastg Co.
	1,000 D	KOWO	Waseca, Minn.	Waseca-Owatonna Broadcastg Co.
	250 D	WMVI	Mechanicsville NY	Mechanicsville Broadcasting Co.
1310	1,000 D	WPRJ	Parsippany/Troy Hills N.J.	Percypeny Radio
	5,000 D	WSLW	White Sulphur Springs, W.Va.	Valley Broadc. Co.
1350	500 D	WEGA	Vega Baja, P.R.	Vega Baja Broadcasting Corp.
	5,000 D	WYIS	York, Ala.	Grantell Broadcasting Co.
1360	500 D	WCID	Buffalo, Minn.	Wright County Radio, Inc.
1460	500 D	W	Juncos, P.R.	Juncos Broadcasting Co.
1490	250/1,000 U	W	East St. Louis, Ill.	E. St. Louis Broadc. Co.
1510	250 D	WAYT	Wabash, Ind.	Wabash Radio Co.
	250 D	KPIA	Ironton, Mo.	Iron County Broadcasting Co.
1520	250 D	WYAZ	Yazoo City, Miss.	Gateway Broadcasting Co.
	5,000 D	W	Greenfield, Mass.	Greenfield Broadcasting Corp.
1530	10 kw D	WDJZ	Bridgeport, Conn.	Conn. Coast Broadcasting Co.
	5,000 D	WTNW	Chapel Hill, N.C.	1530 Radio
	1,000 D	WTHO	Thomson, Ga.	Bethany Broadcasting Co.
	1,000 D	W	McConnelsburg, Pa.	Town & Country Radio
1540	10 kw U	KISA	Honolulu, Hawaii	Hagadone Capitol Corp.
1550	250 D	WGRK	Greensburg, Ky.	Veer Broadcasting Co.
1560	1,000 D	KAJN	Crowley, La.	Reer Capitol Broadcasting Co.
	500 D	WSHY	Shelbyville, Ill.	Shelbyville Broadcasting Co.
1570	250 D	WOBL	Oberlin, O.	Joseph P. Riccardi
	500 D	WGLX	Galion, O.	Radio Galion, Inc.
1580	1,000 D	WYYZ	Jasper, Ga.	Pickens Broadcasting Co.
1590	500 D	KXEM	McFarland, Cal.	Jack O. Koonce

MORE "HEARD SINCE LAST ISSUE"

850 K G O E Thousand Oaks, California 1130 K W B Y Edna, Texas (L.Kruse)