



DX News

OFFICIAL PUBLICATION OF THE
NATIONAL RADIO CLUB

P.O. BOX 99

CAMBRIDGE, MASS. 02138

OLDEST
MEDIUM WAVE
DX CLUB
Established 1933
3 2 issues per year
\$13.25 Airmail
\$10.00 First Class
U.S. 90 Third Class

VOLUME 37

FEBRUARY 21, 1970

NUMBER 21

"Enclosed please find renewal for another year in the NRC... Ever since my joining a year ago, NRC has developed into the best radio club, MW or SW, that I've ever seen. Even my mom enjoys reading DX NEWS!"

(Cliff Reno, Conn.)

IN THIS ISSUE

DX'ING THE MARCH 7TH SOLAR ECLIPSE - T. HOLMES & G. NELSON

FIRST NORTH AMERICAN LOGGING OF RADIO NORDSEE INTERNATIONAL!

NEW MEMBERS:

- *Russell Ham, 12435 W. Olympic Blvd., Los Angeles, Ca. 90064
- *Jon Wederbrand, 730 Redman Avenue, Haddonfield, N.J. 08033
- *G. McWherter, Box 2467, Harlington, Texas. 78550.

Welcome to the NRC, gentlemen, we hope to see your contributions often here in the pages of DX NEWS. If any of the membership happens to live near one of these new NRC'ers, why not give them a call and welcome them to the NRC personally?

MECHANICAL FILTER ORDER

Our MF order, which was mailed out from Japan at Christmas time according to Kokusai, has still not arrived here in Boston officially. However it would appear that the order is indeed somewhere around here - we've just received a dunning letter for the air freight from one of the national airlines. The airline has been made aware of the situation and is trying to locate the package; if it materializes soon we'll have the filters out right away; otherwise we'll just reorder. Would you believe they're maybe in Watertown, New York...?

A CHANCE OF A LIFETIME

The major solar eclipse to occur on March 7th will have a considerable effect on daytime MW reception - it should be possible to log distant daytimers that will never be audible under any other conditions. See the article in this issue for more information and plan to listen!

MUSINGS of the Members

2

SPECIALS

	Calls	Kc/s	Watts	A.M. E.S.T.	Info:
Sun. Mar.	1 CHLO	1570	10,000	12:01 - 2:00	NRC
Mon. Mar.	9 WRAN	1510	10,000/500	1:00 - 4:00	NRC
	9 WTXL	1490	1,000/250	1:30 - 4:30	NRC
	9 WCPK	1600	1,000	1:30 - 2:00	NNRC
Mon. Mar.	16 WMVO	1300	500	3:00 - 4:00	NRC & NRC
	16 WTTN	1580	1,000	3:00 - 4:00	NRC
Mon. Mar.	23 KXL	750	50,000	3:01 - 4:00	NNRC
Sat. Mar.	29 KGTN	1530	1,000	1:01 -	NNRC

CHLO-1570. This station has just begun to use this frequency, with 10 kilowatts, having previously operated on 680 kilocycles. They will be very anxious to hear from anyone and everyone picking up their signals on this new dial spot. This is a Sunday morning, and the channel should also have signals from CKIM, CPOR, XERF, and CHUB. There will be music and announcements after each selection, with full station IDs given. Send your reports to Mr. Eugene Hinz, Chief Engineer, CHLO Radio, 133 Curtis Street - St. Thomas, Ontario. This program was arranged for NRC by Jim Renfrew. Be sure to tune in and report!

KTRB-860 was listed for a DX on Sunday, 2/22, from 5:00 to 6:00 a.m., EST. See last week's DX NEWS to make sure no DX TESTS were omitted here, as your Editor has not received his copy of that DX NEWS as we go to press with this one.

DAVE SCHMIDT - 44 Green Lane - Green Ridge, Pennsylvania - 19014

Greetings! Just a short note to prove I'm still alive - but not listening too well! Presently, I am working at WAMS in Wilmington, Del. as the nighttime engineer & temporary night newsman. I got my first class ticket over the Summer which has helped greatly. WAMS' f/c is the fourth MM from 4:30-4:45 on 5kw. Can you believe that due to WENX & the WAWZ switch-arounds, we have to change patterns and pull our null in to the NE more toward Wilmington while WAWZ is on? It drives us nuts on Sundays especially! Also, if you want a verie (v/1 of course) CM & SC, write to me, and send good reports, too. I've got a stack of bad ones! For Sale: Hammariund HQ-180, needs work - write me for price. I'm getting a new one and get back in the DX track. Also, I hope to see the gang in North Jersey at the '70 Convention. Joey Reynolds is at WIBG now and WFIL runs talk programs now on MM between 2-4am! NSPers in Philly, WIP, WPEN, and sometimes WHAT. WIBG now off MMs leaves 990 perfectly clear. It's funny to hear CBW bell-clear on MMs now! Gotta go so 73 wya all! PS- I renewed for my fifth straight year, the NRC is still OK with me! (Good luck at WMAS, Dave! -ERC)

ERNEST R. COOPER - 438 East 21 Street - Brooklyn, New York - 11226

One verie, WWSD v/q - in fact, two of them - one's up for sale, hi! Not too ch this week, but here's what there was: 2/10 - Slightly Auroral. An SS on 1157A 10:12-11:19pm logging, but I still don't know who it was I logged, hi! I didn't even get the country! 2/12 - BBC-647 heard here for the first time - odd, for with both WSM-650 and WNBC-660 on, they made it while they haven't with both off on MMs! They play symphony mx @ 1:30-2. CBK-540 in like Flynn with antenna pointed towards the South, while WDAK was in with the antenna swung E/W, which is just the opposite of what it should be! CBK stayed on till 2:06am. A tester, very weak, on 1560, one also w/OC not too strong on top of him, which I think was WQXR on dummy antenna, for the full power of WQXR came on around 2:30am for a few minutes. Tester went unIDed, either far out, or beamed away - I was looking for WADD which was sked to begin RS this day. XEW-900 noted still going strong at 2:46am. MM 2/16 - WOAI-1200 s/off @ 1:01, then the Cuban Minute Man w/mx under him, and it seemed to be in EE, probably the AFRS-er in P. R. Not Frobisher Bry, anyway. A TTer on 940 o/off @ 2:30-2:45 & on. The SS on 1070 is not a Venezuelan as somebody suggested recently, but is Radio Santa Fe, in Bogota, Colombia, same as for the past couple of years, AN MMs, but stronger lately. Unn WMC-790 HI on top @ 3. WXYZ-1270 ET w/crazy WKRL-like music @ 3:10!

RICHARD RICHMAN - 14 East Cheshire Place - Staten Island, New York - 10301
More than a handful of f/ups went out this past week, and they do pay off; however, there are a few stubborn stations (which will remain nameless), who I don't think would verify if I enclosed the 1847 Franklin stamp, the keys to a Rolls, and the Hope Diamond. New catches: WCNW-1560 O. heard w/end of 1:08-1:10am SM 2/8. Thanks to WQXR for discontinuing their SM program awhile back. CKS0-790, Ont. #34 heard on MM 2/9 @ 12:56-1:05am w/mx, NX & s/off; signal was good. Speaking of 790, who was it I heard w/SSB s/off 2/9 @ 5:45pm I&C? MM2/9 found WOR off at midnight, & WCAU on later than usual for BKB. Unn CKEC-1320 N.S. in w/best signal ever - like a local, @ 12:04-12:06am w/NX WX & sports. Who w/rr on 790 @ 1:25-1:27am? The MM also found WTTI-1530 Ga. testing w/rr @ 1:44am; much better signal than when I heard them on their Dec. TEST. Who was testing on 1570 w/a Trini Lopez album @ 1:55-2:08am tuneout? XEB made KOFO impossible to be heard, although WERT (where's their verie?) did make it through last Oct. WKBA heard w/another entertaining ET 2/7 @ 1:17 tune-in till 2am tune out. How is it that WKBA uses rr (both current & old) during their ETs? They mention each day at s/off that their programming consists of religious programs, gospel mx, & c/w. Is their collection of rr saved solely for ETs? (Probably the CE is his own PD on ETS -ERC) As usual the signal was booming in. v/q - WNLK (w/CM) this was for the third report - special delivery, WVAB for their 10/13 TEST. v/1 - WATR WLKR (w/CM) after f/up, WYTI. v/f - WKLO. I'm interested in unusual s/off. If you know of any from stations which would not be logged here, I'd appreciate your writing to me. My favorite is on WCBF-FM. They've used the Beatles' "Good Night" & on MMs, "Monday, Monday." CKLW-s Mystic Gypsy Lady, take note: I'm a Cancer (Moon Child) - July 8. 73s.

BERNIE DUFFY - 350 Richmond Terrace - Apt. 1F - Staten Island, New York - 10301
DXers' friend, Ed Smith, of local POW-1330 told me he got many good reception and taped reports from Northern Europe listeners this Winter, as well as from Eastern States - he appreciates and always verifies such. By responding to WSB's appeal for mail, I won an album of popular selections, recently. My Third Class postage DX NEWS takes from 3 to 30 days to arrive! KSTP Minn., WTMJ Wis., WCKY O., WTOP D.C., CBW Man. & XEB Mexico sent nice v/qs as did KMOX KXOK & WDAF Mo., WGY & WHAM, N.Y. Plain ones came from CJET CHIR & CHUM Ont. & CHNS N.S. "Average-appearing" v/1s came from CJRP Que., CHLN Ont., WTBQ N.Y. WNXI O. & WSB Ga. 2/2, I logged CBR-1010 Calgary in th3 background of CFRB @ 2-2:30, during welcome silence by WINS - they're my most distant catch of this DX season. 2/9 - Badly-garbled dominant signals on 1340 @ 12:45-1 and on 1450 @ 1:15-1:30 probably were WCSR Mich. & WSNO Vt. w/their promised DXcasts.

RON CHRISTEN - 30 Lucille Drive - Cheektowaga, New York - 14225

I overslept MM 2/2, so it must have been good, hi. I did manage to get KJJO-1550 u/CBE @ 10pm 2/1 though. SSS 2/3 yielded CJBQ-800 w/CKLW looped. WPDx-750, WAVA-780, WLEL-1170 WJML-1110 & WLIX-540 w/5:30pm s/off. MM 2/9 - KRDS in well AN, so I'll send another report. KRNT-1350 12:54am s/off, VOA -1196in w/NX in "special EE" followed by MoR @ 1:30. AFRS-780 P.R. in well w/EE NX u/BEM OC & SS @ 2:03am, reportable. KPMC-1560 2:32am; s/off from CFRN-1260 @ 3:01am. 3:19, EE rr on 1140, CKXL? KHOW-630 @ 3:43am. CFAC-960 @ 4:15am. Some new additions here: a Lafayette HB-30, & a Realistic TR-88 Tape Recorder. Last MM I DXed w/the 180 on one track, & put time station CHU on the other w/the Lafayette, making it much easier to find a station when I'm going over tapes. Stations heard now @ 762. I hope for 1,000 by the end of the year. Veries: WEDO v/1 w/CM & other info, WXGI WBAA & WNAK, all v/1, & a v/1-CM from WORV, address is 604 Gussie Avenue, Hattiesburg 39401. Reports to KRDS AFRS CFRN. 73.

4 DAVID LONG - 66 Beattie Avenue - Lockport, New York - 14094
 Greetings! Recent DX includes: 1/23- WAWK-1140 Ind. w/250w. I'm still waiting for a verie. WHEB-750 N.H. s/off @ 5:45, sent a nice v/q in a week. 1/26- I noticed KJJO-1550 Mo. @ 6:45, unusual because the antenna usually changes yo N/S @ 5:30, but didn't. They sent a T p 40 list & CM along w/the verie. That evening, an ET from KOMO-1000 Wash. broke through the SS w/ID @ 3:30. Shortly after, KTOK-1000 Okla. appeared & I was able to log quite a few details. Veries from each received 1/31, v/1 from KTOK & v/q from KOMO. Next day the verie from BAA's TEST came w/a list of all who reported. On 2/6, the prized v/q from KORL-650 Hawaii came w/a note on back stating it shares the same tower with KIKI KHVH & KZ00. A quote, "--how a ---- G tes job w/10kw. does it on this frequency". MM 2/2 brought two new states knocking my total to 44. KXL-750 Orygun had an ET & KGHL-790 Mont. had a f/c. The latter sent a v/q & CM which I received today 2/9, & they mentioned Fred Osterman's report in Nov. The same MM I heard the test from ZBVI-780 & sent out a report. A big surprise early this morning came @ 4:30 in the form of "Cards Radio" KRDS-1190 Ariz. I thought KLIF would have finished their XR maintenance by now, but I guess not. I sent a report today. Lately I've noted FF on 1035, is this 4VEH? Other veries over the past few weeks include: WBMD WAVA WJAG WPAQ WNAX KSUB WPDX WCPX WIQT KSJB WKYC for reception of their AXR test. I hope to get Me. & Del., my only Eastern states left before the noise rises. I'll say s'long 4 now & 73s.

FRANK WALDRON - 65 Lakeridge Drive - Matawan, New Jersey - 07747
 Whoops, WFAB-990 s/off 1/12 was 12:01, not 1:01. I suspect what I thought to be CFFB on 1/19 was actually WOAI w/AXR test, as tape sorta sounds like that. I am feverishly determined to get some IDEable, positive material out of CFFB before the Summer Miseries set in. 2/23 had better not be Auroral, or else! When not chasing CFFB, this is what I've been getting: 1/25- An alleged pirate causing a very low het above WMID-1340 @ 12:55pm playing a Beatles album, looped NNW/SSE & was not WALL per phon3 call to Stan Garfield in New Joisy. MM 1/26- CHIC-790 s/off atop all w/YL reading it, 12:04. TAs were marvy, logged were four new ones: Luxembourg-1439 destroying everything on 1440 especially on peaks w/GG DJ show 12:50-1, egad, what a het! RNE-854 very good @ 2:09, was //773 w/RNE talk show or similar. ORTF-836 doing quite well w/FF discussion show @ 2:13. 863 was a bit stronger & not //836. Lisboa-665 also good w/mx show w/man & woman PP announcements between selections at 2:24. Weakie cl mx was presumed to be BBC-647 @ 2:47. WENB-1580 noted w/TEST @ 2:35 w/Flanagan mentioning a phone call from Big George. 1/31- I ended some doubts in my mind about hearing CKMP-1230 s/off 12:09 last 12/15. I didn't, although CKMP sent a v/1. A s/off heard 1:09 which I recognized from my tape replaying to be the same one heard on 12/15, followed by GSQ. Let me explain: CJTT-1230 is //CJKL-560 & is also 200 miles N of CKMP. Hearing a Canadian on 12/15 on 1230 had me convinced, even after tape replays, it was CKMP. The signal was kinda weak & messed in TVI then. However hearing the same s/off & //560 all but convinced me it was CJTT; also reported by several others. 2:24, WENY copied for a report w/rr, first time noted in quite a while. WAIR-1340 giving mailing address for an album of the Someone played SSB on 1340 @ 3:04, only thing listed is WSOY, but I sorta doubt that. MM 2/2 was fun. It all started w/a low TT on 1310 @ 1:16, break @ 1:17, nothing heard, break @ 1:26, taped a partial ID from KNOX ID on r/c for State 46. Bad CKOY/WLOB QRM. Also another TT on the frequency. VOQM-590 a surprise w/NST TC, ID, & MoR, then faded way w/Cuba, 2:54-3. They seemed to have NX @ 3. Screech, who was the AN-SS-650? They better cut it out if anyone's gonna log a couple of certain stations on 650! There seemed to be a third another the two SS on 990 in EE @ 3:10, just a YL yapping on & on, indeed, if it was EE at all. KIKI, I thought, was rr. WWXL-1450 r/c u/schlopp 3:39 w/phonetic IDs. Three new countries in the mail, BEC-881 HLJC-1560 v/1, St. Pierre-1375 v/f. Also CKWX-1130 v/r, a blechhy non-specific thing. I'll treasure my CKWX tape a lot more than the verie. WBBO-780 KS00-1140 (state 45) v/1. WCEF-1050 v/r. 73.

REMEMBER OUR DEADLINE IS EVERY MONDAY FOR MUSINGS. LET'S HEAR FROM YOU!

JOHN HOOPERHEIDE - 3 Marquette Drive - Marquette, Michigan - 49855
 Thanks to a lam phone call from Ray Hartman 1/31 informing of RTF booming in on 1554k, my first European carrier het was noted - inaudible prior to 1:10 s/off of CBE, but fairly loud after that. Twenty minutes of DXing produced only the het & no audio, but certainly France in view of Ray's call. 2/2 was a flop except for WDLB-1450 Marshfield, Wis. lam s/off-SSB. WAVA/WCIR TESTS if on, did not make it here. I was tired & went to bed. 2/9 started with log of one of my most-wanted - KROC-1340 Rochester @ 12:30am w/ID after NBC NX. Horrendous scheduling on WCSR-DX - one hour later and this one would have made it to Marquette easilu. I hope none confused toe 1,000 TT from 12:50 to 1:05 as WCSR. It IDed as either KDLM or KWLM Minn. At 1:06 it proved to be KDLM. Then KIJV-1340 Huron on till 1:20 w/f/c-TT. Mx-pop tester on 1560 @ 1:20 tunein to 1:30 tuneout was unn WKOQ Gordon Ga. Also on 1430, pop mx tester was "the big one" WTTI for another unn Ga. tester. This seemed to be a tape of an earlier RS broadcast as time given was 10:37, @ 1:30am & even had RS ads. WEVD-1330 noted on AN-RS w/SS mx u/WHOT. (WEVD is NOT AN & not SS!- They carry progressive jazz to 3am s/off -ERC) rr on 1460 was KIRL St. Charles w/non-stop rr 1:30 tunein to 2 tuneout. Rare log on WSAM-1400 Saginaw atop WYSL @ 2. MM 1/26- WTT0-1520 noted s/off 2 leaving only KOMA on frequency. KAWL-1370 TEST not noted but @ 2:03 there was s TT there behind WSPD which intermittently played short bursts of My unusual unID SS of last MM was not on 1140, this AM, only CKXL noted there, Some orchestral mx testing on 1420 weakly o/WBSM & an even weaker SS. IDed @ 2:18 as WHK but not sure if this was the mx or not. KWLA-1530 Many La. f/c-TT 2:15-2:30; WPAC-1580 Patchogue f/c-TT & ID @ 2:30. WEND-1500 TEST noted u/WPAC TT @ 2:40 for new log, #1 of AM. Weak TTer noted on both 1530 & 1550, both in teresting @ 3:20.

BERNARD RESER - 6536 84 Street - Caledonia, Michigan - 49316
 2/9 has been the first MM in weeks that has had a reasonably low noise level here. Even then I got only three new loggings in 3 1/2 hours of DXing. At 2:18am KOF0-1220 Kansas w/continuous recorded IDs, was soon gone u/the XEB/CHSC mess. Continuous NX station w/second ticks in the background & bell between items on 1200, no ID @ 2:30 but I presume it is QMKD. HCPA2-540 Ecuador @ approximately 3 w/R. Tropicana IDs & numerous ads including a very prominent Coke ad. What's the power on this one? KIRO-710 Wash. w/MoR & CBS NX @ 3:30, KBTR-710 Col. @ 4 on the bottom of the channel. I have noticed that WKAR-870 Mich. has been off the last three holidays leaving the channel open for mid-West daytime DXers. I am just now listening to WGRD-1410 w/their unique s/off. I feel that I should ask them to play it during their r/c so everybody will know how they attract listeners. But in the best interests of humanity, I'd better not. 73. (Sounds interesting -ERC)

FRED NORDQUIST - 302 Sandra Lane - North Syracuse, New York - 13212
 Good DX has boosted my totals as of late. 1/25- CBN-640 Nfld. noted w/NHL hockey @ 10pm, KAAV-1090 Ark. noted w/ID u/WBAL fade @ 11pm. 1/26- CBI-1140 N.S. noted o/u WRVA w/AST TCs 6:35pm, CKEW-1000 N.S. w/WX for Bridge-water 10:05pm o/u WCFL. 1/31- WFSR-1380 N.Y. weak ID 12:44pm, WENT-1340 N.Y. w/WWMO nulled 1:40pm, WCBA-1350 N.Y. w/WFNY nulled & CKLB QRM 2:08pm. Germany-1586 w/perfect audio 20/89 signal IS @ 5:57-6pm, then GG program. TA unIDs noted on 1595 1554 1455 1375 1295 1214 737 773 due to lack of MF on RX. 836 unID w/good audio @ 7:15pm, probably France. 2/2- WTXL-1490 Mass. w/rr "J.J.Allen Show" w/local WOLF partially nulled 8:47pm. 2/7- WBMI-1110 Ill. w/Chicago WX u/WBT 6 pm, WLKE-1170 Wis. o/u WWVA 6:22pm, WAPI-1070 Ala. unn s/off 6:30, KAAV-1090 o/WBAL 6:41pm. 2/8- WTOD-1560 O. o/WQXR w/WX 7:37pm, WCKL-560 Catskill, N.Y. w/NX & WX 2:27pm - must be a new station on air. Botleg-820a N. Syracuse noted w/poor modulation & rr 2:45-3:09pm tuneout - I think I'll track them down next time. WRFD-880 O. s/off 5:59pm, KWAM-990 Tenn. w/NN religious mx 6:30pm, good signal w/CBW nulled. WPAW-1540 N.Y. noted w/OC after 6:45pm, their s/off should be 5:30 in Feb. That's it for now. Verie back from CBT Nfld, v/q. 73.



EDITOR:
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1300 WAVZ-Ct Out of nowhere o/WERE for about 45 secs., then gone 2/11 0359 (Wes)
1320 WCVR-Vt Finally hrd TEST w/ few ID's & MoR mx 2/2 0105-0112 (Pat) TEST noted w/ CW ID at about 18 wpm, so rough copy. Also SW'd "Randolph" as well. 0224 2/9 (Page)
* 1340 WVEE-Mn R/c hrd 0209-0230 (sked. to 0215) 1/26 (NRC) EDLH-Mn 2/9 briefly w/ s/off anncets. 0101, but unn. (Hostettler)
1300 KWK -Ho Unn., and sounding very automated 2/10 0245 (Wes)
1390 WFNJ-Oh Testing w/ OC, low cycle TT 0440 2/9 (Wes)
1400 WJLB-MI Just peaked thru w/ ID 0350 2/9 (Hostettler)
1420 WOOJ-Pa Unn, but surprising as WHK off 0445 2/9 (Wes)
1430 KLO -Jt On top w/ organ mx as usual 0135 2/9 (Hostettler)
1460 KIRL-Ct ET'ing w/rr 0235 2/9 as per usual (Wes)
1480 WJAR-Na Mostly atop channel w/ rr o/ what was probably WHBC TEST, tho' not sure. Faded up for nice SID (WSAR) 0155 2/16(RJE)
* KTNS-Ar R/c is 4th MM 0530-40 (NRC)
* 1490 WABJ-RI Almost alone 0443 2/9. (Page)
* 1500 WKER-NJ On for locally severe flooding 2/10, tho' barely audible u/ WTOP as early as 2000 (was on 'til after 0000) even here at maybe 25 miles away. (RJE)

Greetings once again, folk. MM 2/16 proved noisy & unspectacular in terms of openings & cx, tho' a predominance of SS plus the high level of QRM lead to suspicions of a solar occurrence of some sort. Starting with this issue, the listings received from Cooper-Trent are being received here instead of by ERC. Thus we will eliminate much of the duplication we've had in the past. Also, we will change the format of their listing as follows: Call changes, new CP's, and new calls will be listed in the "D" section as well as in the Updater. Minor changes which may well necessitate testing will be listed in a special section as space and time permit, thus notifying you of grants of AXR's, remote control, new XR, new XR location, etc., so that you may be on the lookout for tests from these stations. Any items not covered in this explanation will be fudged thru until I find a way to account for them, hi.

midnight to sunrise

560 WHBQ-Tn Unneeded but clobbering regular WJAM 0330 2/10. (Wes Boyd, Youngstown, Ohio)
590 KSUB-Ut Hrd w/ ET-TT & 0303 ID 2/2 (David Long, Lockport, NY)
** 620 WATE-Tn Change listed MM s/off to 0105 from 0005. Hrd 2/2 (RJE)
630 WMAL-DC Hrd u/ usually dominant Cuban 2/16 0030 w/ nx. (RJE)
680 CHFI-On In w/ ID 0258 2/9 way u/KNBR (Bob Hostettler, Minneapolis,Mn)
690 CBU -BC Finally hrd 2/9 0300 o/XETRA w/ ID. (Hostettler) Also hrd that AM by Page Taylor, I think, but I can't remember what time... RJE
* 710 KIRO-Wa Hrd w/ positive ID 0200 following relig., QRM de XE-- hrd 2/9 between WOR TT's in OC (Page Taylor, Butler, NJ)
740 KCMC-Tx Clear ID 0315 2/9 & c&w mx. (Page)
KCBX -Al Hrd w/ wx 0204 then ID 0207. (Page)
KCBS-Ca In well u/ KRMG 0425 2/11 (Boyd)
* 750 KXL -Or Hrd w/ ET 0440 ID then TT (Long) 2/2.
780 WAVA-Va Hrd w/ ET 0213 2/2 w/ ID in TT (Long)
790 CHIC-On I believe its this w/ ~~cm~~ mixed w/ rr o/WJAR 2/10 0445 (Wes)
850 unID MoR mull'd W-NW, no KOA, who? Was 2/9 0410. (Wes)
860 unID MoR u/ KONO, XEMO 0415 2/11... (Wes)
* 900 WFLN-Pa Has r/c 0515-0530 4th MM (NRC)
* 940 WLDG-MI Hrd w/ f/c 2/12 (2Th) rather than 2/11(2W) 0000-0015, clearly loopable from CBM (Page)
KIOA-Ia Testing nite pattern 0510 2/9 (Wes)
* 960 WBOF-Fl R/c is 3rd Th w/ DT @ 0145-0200 (NRC)
990 unID Underground rock mull'd to SW, s/3 here killed by WPRa s/on @ 0405 tho' hrd as early as 0329 2/9. KKIS? (Wes)
1050 unID Weak c&w almost alone w/ CHUM,WHN off & XEG mull'd. 2/9 0455. (Wes) CHUM was actually off? -RJE, and I dunno if t'was CJIC, tho' I doubt. Methinx they're HI, and CKSB is FF, so... v. wk u/KYW's OC 0320 2/9, not WNOE. (Wes) CJRP? -RJE
1060 unID Testing 0450 2/9 allover WRVA. (Wes)
1140 WBYX-Pa R/c is 2nd MM 0300-0315, tho' were hrd 1/19 which is 3rd.(NRC)
1190 unID MoR u/KRDS v. wk. 0252 2/9, KEX?? (Wes)
1220 KOPD-Ia Only one ID hrd in 2 hrs, in real mess w/ XEB,CHSC,CJOC 0207 (Pat Taylor, Nutley, NJ) Date? 2/2, I think ... (RJE)

1530 WTTT-Ia ET-mx w/ ID 0120 2/9 (Page) Testing w/ rr hrd 0110-0131 2/9 w/ fine sig. (Hostettler) ET'ing w/ rr 0130 (Wes)
* KTSH-Tx Weak ET w/ organ mx 0445 2/9 (Wes)
* KMLA-La R/c is NOW 4th Mf 0115-0130 (NRC)
* 1550 WSAO-Mo R/c is 0200-0215 3rd MM (NRC)
* 1560 WADD-NY Hrd ET-Mx w/ underground stuff 0100-0130 2/16, tho' no ID's. Called collect, and while the cheapies were saying "I don't know nobody from Jersey" and refusing, I hrd the self-same mx they were playing coming thru the phone.... (RJE) Hrd w/ ET-OC w/ infrequent ID's ((Better than none, hi-RJE)) 1/25 0204 (Pat)
WKOG-Ga Hrd testing in/out w/ WADD playing c&w w/ many ID's 2/16 0115-30 (RJE)

sunset & evening

690 WVOX-Al Strong, all alone 2/8 1815 w/ SID (Page)
1140 WBYX-Pa Finally heard @ 1800 s/off 2/13 u/ WRVA (Page)
1540 WUNC-Pa S/off 1730 1/28 w/ no QRM (Pat)

sunrise & daytime

1020 KJNS-NM S/on 0700 2/9 (Father Jack Pejza, Ojai, Ca) Welcome, -RJE
1050 CKSB-Ma S/on 0725 2/9 (FJP)

changes

* 630 KIMB-Mn Granted CP for U3. (RJE)
800 WRAV-Ct Probably won't happen, as Zoning board nixed the towers again (Ron Musco, Windsor, Ct) Welcome - RJE
* 950 KLER-Id CP is on. 1000/500 U2
* 1000 WHTH-Ch Is call for Heath.
* 1140 KIRI-Ia CP is on. 1000 DL.
* 1240 WYRC-Ar CP is on. 1000/250 UL.
* 1360 WDRG-Ct SP is MM start 0000 (Musco)
* 1380 WLTZ-Fl CP is on. 1000 DL
* 1390 WJUM-Mo CP is on. 1000 DL
* 1450 WFPS-Or CP: 1000/250 UL.
* 1490 WGBH-Ct CP is on. 1000/250 UL
* KENO-Mo CP is on. 1000/250 UL
* 1520 KANX-NM Is call for Albuquerque.
* 1510 KOTX-Tx **DELETE** F/C as per list. IS now done on **RE** (Hart-Texas)

all items not credited are de RJE...

call applications

600 WNCN-La Requests WVOG
 1350 CP -PR Vega Baja req. WEGA
 1560 CP -NC Warsaw req. WTRQ
 X 1500 CP -Ky Berea, req. WWSB.

brok 1

r/c's

Hrd by Long: KQHL-790; KAAA-1230; KBTA-1230. Hrd by Pat Taylor: WHEL-1450;
 WJBU-1580; Hrd by Page Taylor: WQCN-1580; Hrd by HRC: WJUB-1400; WJES-1460;
 WBEJ-1240; WJZM-1400; WDXI-1310; WJZA-1150; WJAK-1460; WSLV-1520; KFFW-
 1230.

REPRINTS

Add to reprint list:

COLOMBIAN LIST - 6 pp/ by Cesar Objio; 36¢
 WAV PREDICTS TA CX - 1 page. By RJE - 6¢
 IT TAKES TWO TO VERIFY - 3 pp/ by Jay Murley 18¢/

We should now be in full stock on reprints. One note to all who have purchased dupes of the article "UNRESTRICTED RADIATION". An error here has resulted in the omission of the middle page of this article. If you are missing this page, write to Mark Katz c/o Box 99, Cambridge, and ask for the missing page. He should have these by the time you read this.

73's

RJE

*

PHONE TIPS TO 000 MM AT (201) 335-8397

PRE TIME FLASH

INTERNATIONAL WATERS. Radio Nordsee International logged in Va. at 0130 on 2/17 w/rock music and ID's in EE and GG; asked for reports to Zurich; later ID's were in DD, FF, GG, and HH at 0157. Signal quality quite good; should be widely heard on this frequency: 1610 kHz! (Alan Merriman)

Gordon Nelson, 19 Irma Ave., Watertown, Mass. 02172

Bernie Reser: your 1200 is definitely a Cuban; he does not announce his location but he is in the Santiago area. HCFA-2 is 10 kw but does indeed sound like more; he's really been good the last few MM's up here. Dick Truax: your NJ on 1161 is most likely HAAZ, Monteria; this was the dominant one on MM 2/16 and he was a few hundred cps off center and drifting badly. Yup, 1439 matches for Luxembourg; bet you were hoping for Majuro... John Shannon: your 1610 may well have been Radio Nordsee; see above. Recent visit of Joe Buszynski to his home in N.Y.C. areas revealed a high powered bootleg operation on 1340 (Joe says sounds like 250 watts) located in the area of Newark State College using the call of (get this) WJMS... Frank Waldron, this is probably yours. Nice visit recently from Russ Edmunds who managed to pick up a very nice audio variable passband filter from one of our local electronics paradi ; t's a continuously variable variety and proved to be very good at clean up tapes during its first trials... he's got an article coming on it I hear... VA's have taken a real nosedive generally of late; hopefully I'll be able to catch up with the propagation data next week. Best of DX -

3/7ECLIPSE1970 by T. Holmes and G. Nelson

For the MW DX'er, the March 7th eclipse will really be the event of a lifetime: a full solar eclipse running the length of the Eastern Seaboard (with its high density of MW stations and MW DX'ers) in the middle of the day on a Saturday! Solar eclipses do effect MW propagation in a significant way and, while you're not going to log any Central Africans or Imaginary Indonesians, there's a good chance that you will hear some rare daytimers that would not be audible under any other circumstances. Just how distant the stations you'll hear will be depends on a variety of factors, most particularly the relationship between the path of the signal and the path of the eclipse. Rather than providing a set of specific stations to try for during the eclipse, we'll try to give you a feeling for what's going to happen on March 7th so you'll be able to take best advantage of this rare event.

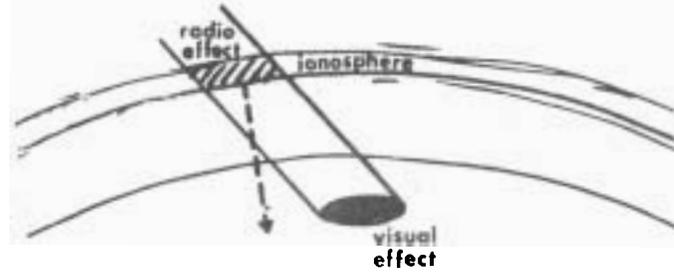
The basic idea of what happens to the ECF during an eclipse is quite simple. As the moon comes between the earth and sun, the amount of solar radiation falling on the ionosphere is reduced temporarily; above the path of complete totality the solar illumination is completely cut off for a brief time, in fact. This decrease in the amount of solar illumination results in a temporary period of "night-like" conditions during which time you will be able to hear stations that would only be heard at night under normal conditions. This effect will be most noticeable for stations and receiving sites near or along the path of totality and the eclipse-induced enhancement will become less obvious the farther one goes from the totality path. Since the eclipse is partial over all of the U.S., DX'ers in most parts of the country should experience eclipse enhancements with the possible exception of the Far Westers. The attached maps show the path of totality; bear in mind that the regions on either side of the totality path will experience partial eclipse and will probably have MW enhancements too. If you're located in a part of the country with only a small fraction of totality, it'll naturally pay to listen for stations located further into the eclipse region - i.e., if you're in California, try for stations to the East, not Hawaii.

The physical mechanism responsible for eclipse enhancement is well known. The reduced level of solar UV and X-ray radiation shifts the equilibrium of the well known photodissociation equation to the left:



This recombination of free electrons and positive gas ions is the same as occurs at dusk under normal conditions. The loss of free electrons from the lower levels of the ionosphere (particularly the D layer) results in a marked reduction in both deviative and magneticionic absorption for MW signals. Distant stations, beyond groundwave range, show large increases in skywave signal strength during the period of electron depletion; the process is reversed following the eclipse event and electron concentrations and resulting absorption rapidly rise to pre-eclipse values. It is important to keep in mind the geometry of the eclipse event. Published maps of the path of totality indicate the position of the moon's shadow as it moves along the surface of the earth; at any particular instant the shadow on the ground is an oval spot - there is no "continuous line of darkness". The effects produced by the eclipse gradually decay following totality as the photodissociative equilibrium shifts back with increasing levels of illumination. Also bear in mind that the track of totality along the ground is slightly different than the the location of the shadow's intersection with the ionosphere. Ideally we would like a map which would show the projection onto the surface of the locus of the intersection of the shadow with the lower levels of the ionosphere - this should be the region of greatest MW effects. This is not available,

unfortunately, and we will have to assume that MW effects may be strongest at some distance from the ground totality track for this reason. See figure below for an illustration of this point.

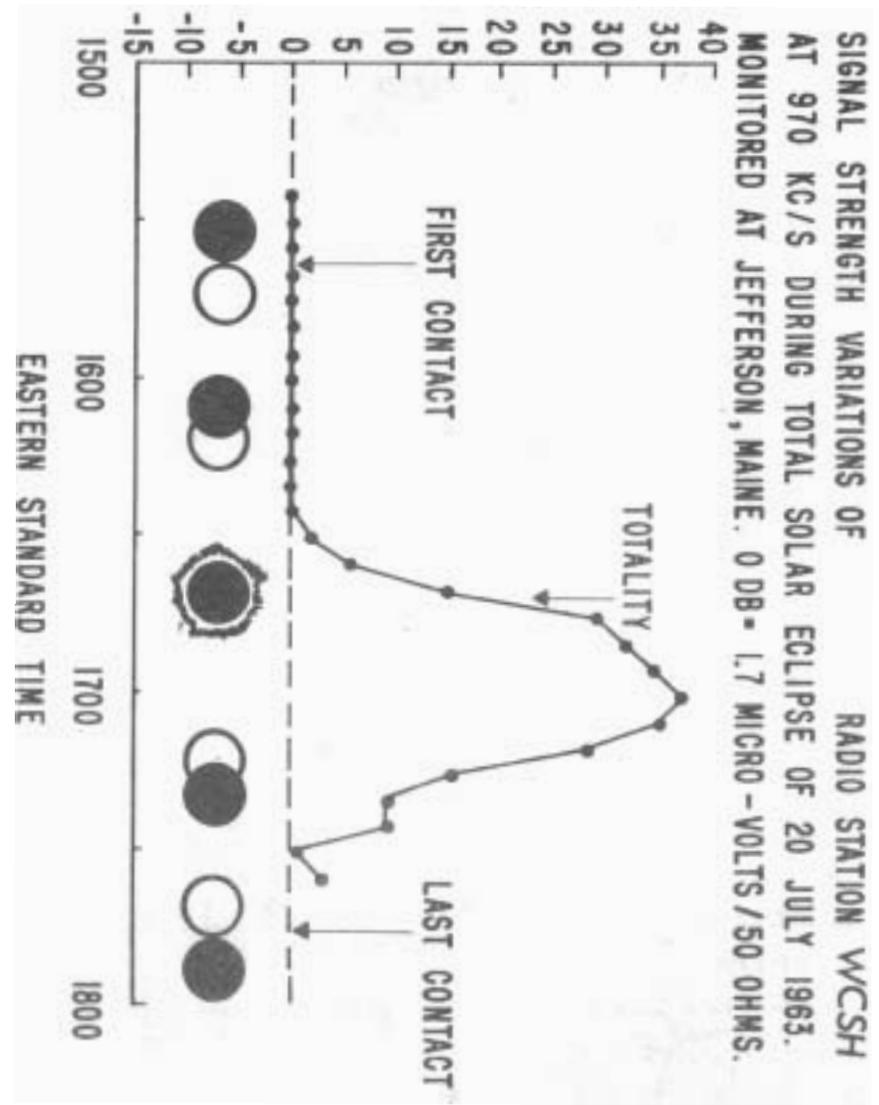


How much of an effect should there be? This depends on quite a few factors including frequency, distance, and the relationship between the signal and eclipse tracks. In previous eclipses enhancements of up to 40 db have been noticed on the MW band; this is equivalent to a power boost of 10,000 at the transmitter! For a brief time, conditions should become quite "night-like" although signal levels should be more like those experienced at sunset than during the middle of the night. The graph on an accompanying page shows actual measured signal strength during the 1963 eclipse from a receiver site on the path of totality. Note that the signal took a very large jump in signal strength as the region went into darkness but that the period of very strong reception was of rather short duration. This is typical data as reported by many observers - very good enhancement for a period of short duration near the time of totality and rapid recovery to pre-eclipse levels after a few minutes.

The same graph shows a characteristic and odd phenomenon that has been noted by many observers: the "threshold effect". Based on simple first order theory as we've outlined, one would expect the signal level to gradually rise as more and more of the sun is obscured, reach a maximum at the time of totality, and then fall off as the sun emerged again. Notice on the graph that the eclipse was halfway into totality before the signal strength began to rise and the peak signal occurred after totality. The signal strength began to fall rapidly and the effect had essentially ended before the eclipse had. The reason for this asymmetry in the response is not known but the effect has been observed so often that it should be conspicuous during the March 7th event.



SIGNAL STRENGTH VARIATIONS-DB



What stations should you try for during the eclipse? That's not easy to answer since the favorable location of the eclipse path will have the result of causing many stations in the eastern half of the country to fade up - much of the band should be a real Rabel as all of those low-powered daytimers come in at once. **Try for stations that are well beyond groundwave distance from your location (i.e., that are completely undetectable during midday) and watch for reception to move to the North along with the eclipse. The enhancement will probably be strongest if both you and the station are along the path of totality - the further away the weaker the effect (supposedly).**

While the stations most likely to show enhancements will be those in the 100 to 1000 mile range, the possibility for some really long distance reception still remains. **Note that the stations in Western Cuba are in a region of relatively high solar obscuration, as are some of the Mexican stations. On the other end of the path it might be interesting to watch for St. Pierre on 1375 too.**

Here in the Boston area we will be recording 640, which is a particularly favorable channel. Normally clear in the daytime here, 640 may show signals from Cuba, WOI, WHLO, and CBW as the eclipse progresses. KFI is a far outside chance but we'll be watching nevertheless. And there's always Laos on 640 too...

We'll be most interested in receiving your observations about this eclipse, particularly on the really long distance stuff and possible lasting effects after the eclipse is over. Note that you won't have much more than an hour or so at best of this eclipse enhanced reception so it will be a good idea to plan your listening activities carefully in advance. If you miss your chance on March 7th, you've got a wait of quite a few hundred years before you can try again...

The map on page 13 shows the location of the region of totality as the eclipse progresses. Bear in mind that this is the region where the sun will be covered 100% at totality; off to the sides of this path the maximum fraction of the sun obscured falls off steadily. **This is a relatively rough map; it would pay to consult your local papers for the exact times in your location since interpolation from the map will inevitably be off by a few minutes.**

References:

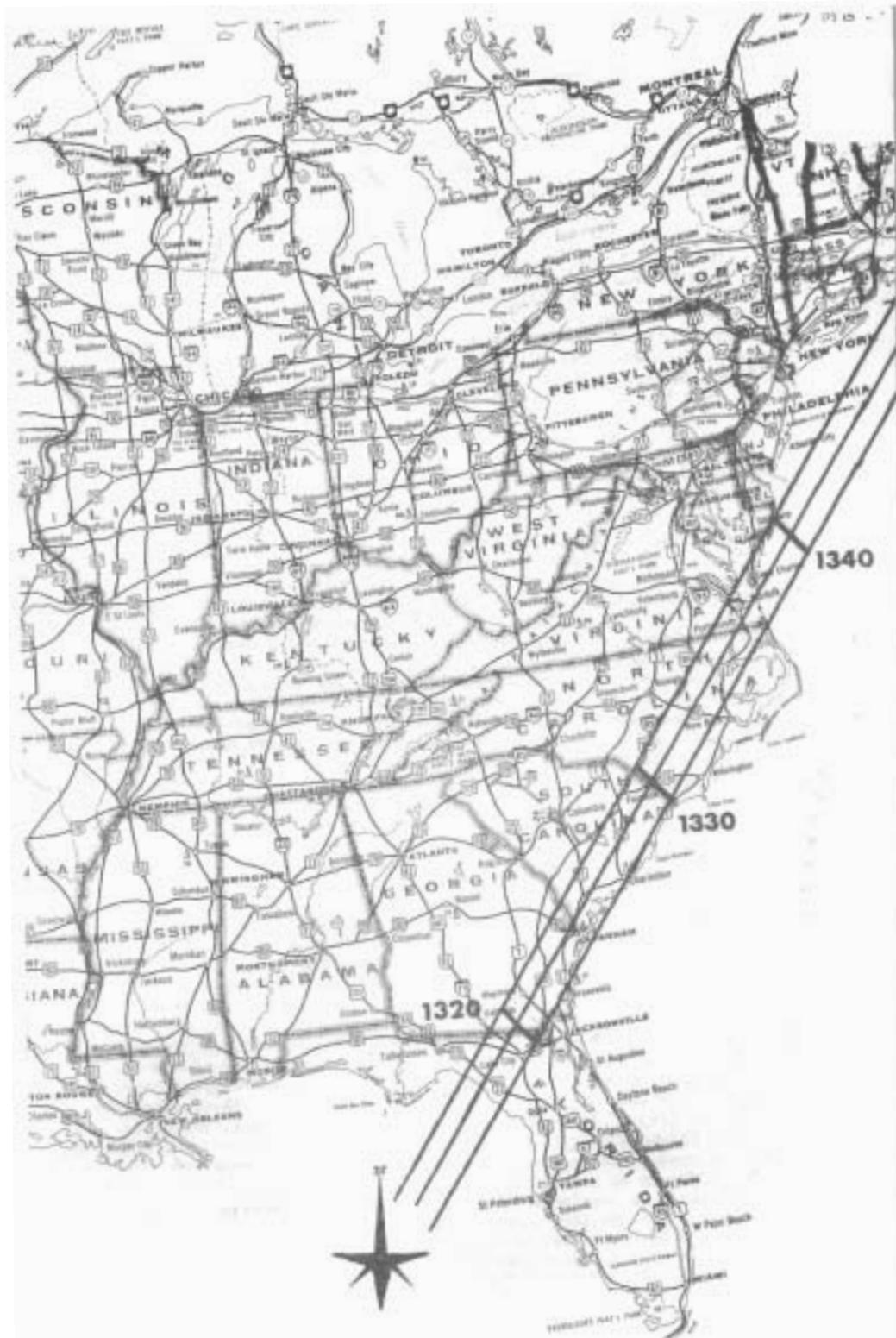
Results of Radio Propagation Experiments Conducted During the Total Solar Eclipse of 20 July 1963, Tech Report ECCM-2644, U.S. Army Electronics Command, Ft. Monmouth, N.J., December 1965.

Solar Eclipses and the Ionosphere, Pergamon Press, London 1956.

Propagation and the Solar Eclipse, CQ, November 1964.

NOTES FROM HQ

- * This is a First Class Issue for everyone; we've held down to 20 pages this week which means we've gotten in under the postage break - hence everyone gets First Class postage this week...
- * Presstime call from Russ Edmunds indicates that last week's bulletins (dated 2/14) still hadn't reached New Jersey as of Wednesday; seems to be the same sort of delay as experienced the previous week. **If you're one of the 1st Class members whose DX NEWS was delayed this week, drop a note to HQ giving postmarked date and date received so we'll have some info for the FC to go on...**



IDXD Monitor Reports

Members' Loggings
Bob Foxworth, GPO Box 2111
New York, N.Y. 10001



Telephone Tip No: 212-587-0844, usually late at night is best. All Times EST.

Receptions:

- 560 China, P.Rep. Peking 2/5 1040 very good in Mongolian. (Wood, Hawaii)
- 575 Costa Rica. TIJC, "Musical 575" hrd IDing this way on 2/8 at 2016, gave time as "nueve y diez y seis"; pop mx. (Objio, D.Rep.)
- 655 El Salvador. Radio Nacional, YSS ending pgm "El Mundo de la Opera", ID at 1957, very good and amng a pgm w/Beethoven, 2/8 (Objio, D.R.)
- 665 Portugal. Assumed to be signal here around 2200 2/11; signals also were noted on TA channels 893 and 1214 at this time. (Murley, Cal.)
- 715 Honduras/unID. Two stns here, on 714.8 and 715.0 to be more exact, 2/7 at 2300, the stronger of which was HRTV Tegucigalpa. Who is the other? There is a HC-- listed but audio was just barely hrd under HRTV and the 200 Hz het. Looped as if it was in NW South America or perhaps Panama. Any help from Silvera or Objio? (Jerry Conrad, Fla.)
- 725 Costa Rica. "Columbia, mas grande en Centro-America", TILX hrd for the first time with SRS silent on 2/8 at 2236; gave time as "las nueve y treinta y seis" and signal very good. (Objio, D.R.)
- 775 U.A.R. Arabic chanting at 2305, weak, becoming weaker about 2318 1/27, country #55 and first from Africa. (Objio) (f/out will be progressively earlier each night as we approach spring -Ed.)
- 790 Alaska. KCAM, Glennallen 2/5 1100 s/on SSB, KKON looped. (Wood, Haw.)
- 790 Mexico. La Paz, B.C. stn hrd just under KABC 2/7 2310 IDing as Radio La Paz. Listed as 750 watts night but seemed a lot stronger. At 891 miles. (Pejza, Calif.)
- 834 Br. Hond. Radio Belize in SS 1915-1930, then in Eng w/cmcls and relig mx, Strong at 1940 t/out 2/8. Hrd again 2/11 same time, with splash from WCCO. (Harold Cox, Pa.) (Welcome to IDXD, Harold.-Ed.)
- 841 Gilbert & Ellice Is. Tarawa logged with fair to good signals 0230-0330 on 2/4; some mx, polynesian words, gongs as described. Trace, unreadable, noted again a few days later. On 2/4 reception, seemed to stay in for 1 minute and out for the next 4. Logging of Yerevan, previous evening, tipped me off to chance of good long-distance skip. (Dangerfield, Penna.)
- 845 Italy. Hrd with chimes at 2100, fades were too deep to get an ID. After 2115 cx were better and Italian songs were heard continuously. "Fascination" noted at 2126. ID at 2130 in FF as "ici Radio-Television Italiana" then news in that lang. Noted 1/27. Country #54. (Objio, D.Rep.)
- RAI Roma at 2202 2/3 with news in Eng, bulletin. Finally got a taped ID on this one. Very strong, for RAI to be, on an excellent TA night. Had beautiful modulation for a change. (Conrad, Fla.)
- 870 Argentina. Buenos Aires. Hrd at least 5 pips, followed by an announcement at 0400 2/8. Too much QRM from unID SS (Cristal?-Ed.) and KAIM to get reportable details. (Pejza, Calif.)
- 870 Hawaii. KAIM buried LRA at 0401 2/8 with BBC Correspondents' Reports. This the same show as hrd last spring at 0240 (see IDXD 5/3/69-fjpp). The unlikelihood of KAIM carrying such a pgm was noted by me then; I checked 2GB and 6DB but not the Hawaiian. Lesson: never overlook the obvious. (Pejza, Calif.) (very good point, Father Jack, tnx -Ed.)
- 899 Italy. Milano 2220 2/8 evidently AN on weekends as there and // 845. A fairly good signal, even with some XEW slop. Played standards-to-top-40 type of music on weekend show. Quite different from Notturmo Italliano (Italiano) on weekdays. (Conrad) (wasn't that Notturmo dall'Italia or somesuch --or did they change it?-ed.)
- 900 Alaska. KFRB Fairbanks. 0956 s/on 2/5 with SSB. (Wood, Hawaii) (in case it's not clear to newer members, SSB is Star Sp's'd Banner, and not the term Single Sideband. I thought perhaps this may be confusing to some-Ed.)

- 925 Costa Rica. TICM San Jose 2200 2/8. I got a clear tape of this one with singing jingle ID and chime at 2201. I can't make it out exactly; is not Cadena Musical however. Played EE and SS versions of Top 40 type mx Does anyone know what the slogan is for certain, or call letters either for that matter. I have both TICM and TIJC listed. They're even playing acid rock! (Conrad, Fla.)
- 946 Ecuador. Radio I'esa, Guayaquil is the unID in MR 1/24 hrd IDing at 00:46 2/9, lots of pop records with ads between songs. (Objio, D.R.)
- 947 China. Kwiyang J.K.T., Kweichow (listed). 2/5 1045 with "long live Chairman Mao" song. (Wood, Hawaii)
- 1070 Venezuela. To Bill Brubaker: Your station here is Radio Zulia, not Radio Cumbia. By the way, your Barranquilla station on 1490 recently reported is Radio Cumbia. (Objio, D.R.)
- 1145 Honduras. Puerto Cortes 2115 2/8 very much mixed with another SS 70 or 80 Hz away. HRQN was playing EE version of "Spinning Wheel" at 2115. Clear "La Voz del Atlantico" IDs frequently. Who is the other? 4VAB was on 1146, too, so not the unID here. (Conrad, Fla.)
- 1155 El Salvador. San Miguel 2300-0000 2/9 and it took an hour to ID this one for certain. Gave complete ID, tho, at 0000 with calls, location, slogan "ondas Orientales" and name of pgm ending at 0000 was "musical nocturno". Very good signal and beautiful tape on this one. (Conrad, Fla.)
- 1205 Sierra Leone. Freetown was fairly easy o/ORTF Bordeaux from 0147 2/9, had TC and spot 0148 and ID at 0159 as "this is Radio ---, Freetown", nx from BBC WS 0200 and another ID 0214; gradually faded from there. Both stns here were new for me. (Hostettler, Minn. - who DXes from Lake City. I quote: "...better put Lake City behind my name. Some people might get the idea that I can DX from the Univ. of Minn. Ha! Not on your life." -Ed.) (tnx for correction, Bob -Ed.)
- 1235 Bermuda. ZBM-1 Hamilton, 2/7 good at 0030 and was good all evening. They are my beacon indicating good North American cx and they were fabulous 2/7. (Wood, Hawaii)
- ** 1334 Thailand. Noted back here at 1050 2/5. Thai talks. More or less clinches ID as Royal Palace station, on which the King himself often acts as deejay, playing his own jazz compositions. (Wood, Hawaii)
- 1360 Colombia. La Voz de Anserma, HJFH Anserma, IDing at 2045 1/29 and hrd for the first time, good, usual pgm as other HJ's have, local songs, mostly ads, time and ID after every record. (Objio, D.Rep.)
- 1394 Albania. Radio Tirana hrd in Spanish with strong signal beginning 1815 on 2/11. Signed off at 1827 with Internationale. This can be a good check for listeners, as Spanish stns don't play this kind of mx. (Cox, Pa.)
- 1419.2 Cuba. La Voz de Baracoa 2/7 at 1930. Pgm to that time was "musica del Paraguay" and if you think that didn't have me shook up! Is listed as on 1430 as CMKZ with 1 kw. Very good signal here at times. Clear ID, at 1930. (Conrad, Haines City, Fla.)
- 1420 Hawaii. KCCN Honolulu made it in atop NSP semilocal KSTN at 0500 s/off 1/31 for a report. In and out, the previous hour, with them after KEXX s/off at 0400 (Not a s/on as CoF list indicates-chn). One weak unID SS the only other station in there. (Freeman, Cal.) (ur unID a CM-? -Ed.)
- 1462 Costa Rica. Cd. Quesada here AN 2/2 with lots of lists, names and numbers and ment several neighboring countries. Gave no IDs. (Freeman, Cal.)
- 1502 Poland. Warsaw 2/3 at 2130 with man and woman alternating announcements, commentary etc. Bad WTOP splash prevented getting good tape but had a very strong signal for several hours. (Conrad, Fla.)
- 1560 Puerto Rico. WRSJ Bayamon. 2/7 0428 with SSB, La Borinquena (their song-Ed.) and s/on anct. Quite good, P.R. No. 3. (Wood, Hawaii)
- * 1570 Dom. Rep. Radio Union, HIAJ Santo Domingo moved here ex-1590 and noted for the first time here on 1/27. (Objio, D. Rep.)

--- VERIFICATION SECTION ---
 IDXD

599 Switzerland. SBC Beromünster sent attractive QSL card showing view of xmttr towers, for this freq and for 1562. Specific verification, listing freqs. (Holbrook, Md.) (but not the power for 1562, hi, still unknown-Ed.)

750 Br. V. Isl. ZBVI sent color postcard showing map of the islands. Definite verie info on the back side, signed by the manager. Name not readable. Country No. 95 on CCB for me. (Holbrook, Md.)

782 Portugal. CS39 nice v/q in 2 weeks from Lisbon, call specified. (Waldron)

844 Gilbert and Ellice Is. VSZ sent handwritten letter verie for reception of their new 10 kw xmttr. Positive confirmation. New xmttr was put into service on 1/9. Mine was first report from continental USA but one from Colorado was farthest at time of reply. The call used to be VEW but has been changed to VSZ and they no longer use the slogan "the Voice of Tarawa". The address is Bairiki, Tarawa, Gilbert & Ellice Islands Colony; Western Pacific. The signer is Broadcasting Engineer and the name appears to read like A Fr Robins, last name pretty certain. (see RR's report 2 weeks ago-Ed. Believe he said it was Alan. Haven't got it here so can't check for certain; relying on memory, hi -Ed.) This makes Country 61 for me; hrd here recently with Eng lessons and excellent signals so should reach well to the East. Still Pades in around 0220. (Freeman, Cal)

925 Belgium. R.T.B. Very specific, medium-wave only v/q, from R.V.J. Allard, Traffic Manager, Room 466, R.T.B. International Relations, 18 Place Eugène Flagey, Bruxelles 5. For taped report. Back in exactly 2 weeks. Also sent multicolored pennant. (Kilroy, D.C.)

960 Mexico. XEK, El Pregonero del Bravo, Nuevo Laredo, Tams. V/l from Felipe Maldonado P., Administrador. My report is most distant. They have their freq check with Cncl Radio Monitoring, Lee's Summit, Mo. (Wood, Ha)

1080 Mexico. XEDY, Radio Morelos sent a verie last spring; I should report the address: Apto. Postal 148, Cd. Morelos, B. Cfa. They also have offices in Mexicali. I cannot find their city on the maps; note however that their envelope has old address at the same box number in Cuervos, B. Cfa. and suspect a name change recently. There is a "Morelos Dam" near the mouth of the Colorado but do not know if this might be the location. Does anyone have more info? (Freeman, Auburn, Calif.)

1203 Costa Rica. TIQ Radio Casino finally veried by bi-lingual v/q with specific text for report and tape in Oct. 1969. Report was in Eng, sent thus in hopes it would be rpted to one of their EE-speaking ancrs, and eliciting a longer, more detailed reply. Card filled out in SS, signer unreadable. Gives freq as 1200 kc and power as 1000 watts, antenna is an "inverted Vee" design longwire. Address: Apto. 287. They returned my IRC. (Starr, Ohio)

1205 France. ORTF veried in 13 days for both 1205 and 1375 on same card, and from now on any reports to ORTF will be sent to the regional offices instead of Paris. (Waldron, NJ) (is your pop the NY Times reporter?-Ed.)

1375 St Pierre et Miqu. V/f, all in FF, details freq, power, lists s/on as at 0500 EST except Sunday, when is 0730. S/off 2000 daily. Typed note says that s/off varies between 1955 and 2000 and they occasionally run until 2030 Sunday night, sometimes a bit later yet. Their local time is GMT-3 or, EST plus 2 which is a half-hour later than Nwfd. V/s is Chef des Services de l'ORTF a St Pierre et Miquelon. (Waldron, NJ)

1505 Anguilla. Three veries reported for NNRC DX test 12/22/69, all signed by Roy Dunlop, Director of Radio Anguilla. "Friendly v/l...still has not answered my October report. Anyone want the stamp?" (Jerry Starr) "Letter received...is Country #96 here" (Hank Holbrook, Md.) "Verie recd on 1/30 for test...has to be my best verie" (Hostetler, Minn)

Darn left space for 1 more item then found that there wasn't the item here so put in. We have some "back of the file" for next week. Good Dx.

ROBERT LIGON - 346 Birch Street - Akron, Ohio - 44301

This is my first Musing so I'll give you some info about myself. I am 15 years old, a freshman at Kent Junior High and my favorite hobby is of course DXing. I started SW DXing in 1968 & then became interested in MW DXing in 3/69. I was given a warm welcome to the NRC by two great guys, Tim Davissan & George Greene. It is sort of unusual that I live only five blocks from George! Not much info to report but here goes. Recent veries: v/l from CKCY WLAC (took two months) CHLO WREO. v/q from WCKY KDKA WKBN WKBN CKLW WBT & a CM from WTIG signed at the bottom. The CHLO verie says they will go to 1570 & 10kw. on 2/13. I might have a little trouble getting them in the daytime on account of WAKR-1590 being a mile away. Recent reports: KFVR WNEW CBK WLW WTVN WJR CBW CHNS. On 2/1 @ 1:30-1:45am was CHNS-960 N.S. w/good signal w/QRM from WBRC Ala. On 1/18 @ 2:15-2:27 was KFVR-550 w/fair signal w/little fading. Overdue: WIP WMAK WAKY WRYT KILLO. New loggings as of 2/5: KAAV-1090 Ark., KNX-1070 Ca., HJED-820 Colombia. What city is HJED? (Cal -ERC) WSUN-620 Fla., WJPS-1330 Ind., WDXR-1560 Ky., WBOC-960 Md., CBAF-1300 N.B., WWRL-1600 N.Y., WKY-930 Okla. CBJ-1580 Que. WFLO-870 Va., WPVA-1290 Va. The CBA DX was not heard at all on account of KNX. I found the WRYT TEST very interesting. I sent them a tape but no verie as yet. Rxes: Realtone 2930 SW/MM & a Realistic TRF w/an antenna that acts somewhat like a loop. If I want to get anywhere, I better put up a couple of long-wires this Spring. It was nice meeting Jerry Starr & Wes Boyd at WHOT on 1/31. I've tried my hardest to get a report of WHOT in the daytime but WELW Willoughby chops them up. Rich Richman in the 1/10 DX NEWS asked about the v/s of WLAC. He is Everett Lawson, CE. WLAC sends a nice v/l now. Totals: on the rise, 260/40 in 36 states, six provinces, and eight countries. CKLW is a dead station if PUB goes to 2,000kw. Till next time, 73 & good DX! (Welcome to the NRC, Robert, & you, George & Tim will make Akron a real DX Capital! -ERC)

DICK TRUAX - 5105 Tamarock Drive - Charleston, West Virginia - 25312

Greetings from the Mountain State again. DX continues to be plentiful but time has been at a minimum the last ten days so not too much time spent at the dials. With not too much current, let me backtrack several weeks. MM 2/2- WCIR-1070 W. Va. TEST did NOT materialize as late as 3:20am & at 54 miles distance I doubt they were on later also. Back further still, on 1/26 unID non-stop rr on 1200 u/Cuban @ 3:20am for better than 20 minutes w/out any break or ID, who's dis? MM 2/9 was first MM in quite a spell that over ten newbies were not logged. I did log XEMR-1140 N.L. w/SS mx & "MR" IDs @ 12:28am u/WRVA OC. Question of the week: I'm 99% positive of logging a Colombian on 1161 @ 12:35am w/frequent mentions of Barranquilla & Cartagena & a DJ who rolls his Rs like no SS you've ever heard! Fairly weak but hetting KSL badly, what is the call here? Best catch of the morning - VOA-1197 Germany w/EE NX, ID & then sports @ 1:08am. At 1:15 into Morning Mx cutting through even WOAI's ET. Also noted on 1439 was unID language which may have been FF & Jerry Lee Lewis rr @ 12:45am but not enough for ID. Could this have been Luxembourg's format? Maybe next week will tell. This was fourth MM in a row that TAs were in well, but not as potent as 1/26. 1586-1554-1214-845 were in w/semi-local quality - something which I am totally unaccustomed to. More in 7.

GEORGE KELLEY - 118 White Street - Belmont, Massachusetts - 02179

I came down for a few days this past week & did some DXing. 2/6- WKLN-1450 Me. on top w/rr @ 4:11pm, WPNO-1530 Me. good @ 5:10pm w/Ai NX & sports. 2/7- WKVA-1550 Va. (WKBA?? -ERC) heard excellent w/rr @ 1:20am on ET. I think all the guys at the station were very stoned. 2/8- ORTF-640 Guadeloupe logged excellent @ 9:13pm o/u CMQ; the Cuban is easily looped out. Country #53. 2/9- WNHG-1340 Conn. heard @ 1:35am. Freetown-1205 Sierra Leone logged good o/u Bourdeaux @ 1:55am in African dialect. Then @ 2 w/TX pips & into BBC NX in EE, country #54. BBC-1151 Stagshaw heard excellent @ 2:15am for station #600 logged. Does anyone know if Stagshaw is in Scotland? I've been sifting through maps of the Northumberland area & can't seem to locate Stagshaw. At the moment I can't

even locate my *hymn book*. R. Tropical-1040 Colombia logged strong o/WHO @ 2:30am. You got it. (George, the 60th Edition of Hammond's Ambassador World Atlas does NOT list Stagshaw AT ALL -ERC)

KEN LYON - 9415 Goodrich Road - Clarence Center, New York - 14032

WAVA-780 TEST was heard well here, but still no sign of WCIR unless they were on late. The last time they were a day late. (I heard 'em on their first date, Ken, & they verified -ERC) DX this week: 2/2- WAVA-780 TEST in well 1:31-2:00am tuneout. I heard a weak SS underneath. WAMO-860 2:13-2:30am ET w/ R&B mx, WHDH-850 @ 2:32am w/fluctuating signal, rarely heard here. 2/3- WIGS-1480 r/c-TT w/code IDs 12:33-12:46am, KWRF-860 r/c-TT 1:46-1:55am, very tough copy of ID @ 1:55. 2/5- WPAD-1450 heard 1-1:15am w/f/c-TT. 2/7- WKBA-1550 ET/mx 2:03am-plus. WIRV-1550 f/c-TT/mx 3-3:15am, WEZJ-1440 r/c-TT 4:03-4:15am, WKDO-1560 r/c-TT 4:15-4:30 w/usual good signal strength for 250w. Veries this week, WKND v/1 & CM for TEST, said he received 70 letters & answered them personally! How many other station personnel would answer 70 letters without first cranking up the old Xerox machine? A tip of the hat to Mr. Ed Smith of WKND. KNUJ v/q, KWAM v/l, WKLO v/f. C U later.

LEE SIDDONS - 657 Gaines Way - Winter Park, Florida - 32789

Hello from the Sunshine State! DX since September as follows:

WSLR-1350 O. @ 11:17pm on 9/8. WRIZ-1550 Fla. @ 5:30-m pm 12/9. WMC-790 Tenn. @ 7:55pm on 12/16. WGY-810 N.Y. @ 11 15pm; XEG-1050 @ 11:15pm, WSA -1360 O. 12/16. KTRH-740 Tex. @ 11 12/29. CKLW-800 Ont. @ 11:20 12/29. KNOE-540 La. 6:15 1/4. WRGA-1470 G. @ 6:15 1/15. WQXR-1560 N.Y. @ 6:27 1/20. DX in daytime as follows: WQIZ-810 S.C. @ 5pm 12/26 & WOOF-560 Ala. @ 5:45. WDMG-860 Ga. @ 4:45 pm 1/1. WAOK-1380 @ 4:15pm 1/1. WSUZ-800 Fla., WSBB-1230 Fla. on 1/19. Verifications are v/l- WCOG WMP5 & 4VEF. v/c- WKBW WVL WSMB. Good DX to all!

MICHAEL DANIELS - 226 East Glendale Road - Webster Groves, Missouri -

Hello again. Only two stations varied since Nov., WJJD & WSPA. Reason is BKB and homework. I'd better introduce myself again. I am 16 years old, RX Drake SW4A, antenna Drake A14 loop, 52 stations verified in 21 states, 25 stars heard. I would like to thank Walter Breville and Richard Eddie and Charles Wehking for their patience during the period when I was fixing SW. I would like to recommend a book for those DXers who do some SW listening - Short-Wave Voices of the World by the one and only Richard Wood. More DX next time - 73s and good DXing.

PETER V. TAYLOR - WJIB - 68 Commercial Wharf - Boston, Massachusetts - 02110

Between 1/29 & 2/5, I was on another of my cross-country trips involving San Francisco, St. Louis, New Yprk, Baltimore, and then back to Boston. This was my first trip to St. Louis and daytime reception was interesting. Daytime regulars included WKYX-570 WSM-650 WLW-700 WAIT/WIKY-820 plus the Chicago 50kwers and three of the low frequencies Kansas City stations. Also noted were spurs on 1405 & 1505 (approxim tely) from KIRL-1460. At about 10:30pm 2/3, WGN was being annihilated by the Cuban het; WJBO-1150 was noted, and WDXR was about even w/WGCC on 1360. No startling DX here, but interesting news.

ON THE STATION'S STATIONERY - KJSK-990

(in reply to letter from Fish for a DX-TEST) (inpart)

"--it is impossible --- however I will offer a suggestion. KJSK AM & FM operate f/cs and maintenance checks on first Wed. morning of each month from 1:00 to at least 1:29 EST. We do not normally make it a policy to issue certification of listener reports of just our check and painenance periods, but--- will make an exception for the next few months." (dated 1/8/70).

Also, from C.E. C.P.Mathis, KBRX-1350: r/c each third Tuesday 1:25-1:40am EST. from C.E. John Townsend, KJLF-970 r/c 1:30-1:45 EST 2/1, 5/3, 8/2, 11/1/70. (These are first Sundays, every three months).

RICHARD E. WOOD - U. of Hawaii - Dep't of European Languages - Honolulu 96822

Latest veries: KAWL-1370 Neb. for TEST, KASL-1240 Wyo., most distant reportm also for TEST, KRGI-1430 Neb., first from Hawaii, KLAD-960 Ore. most distant. As I write this, 2/9, we are in the middle of a fantastic period of NA reception, luckily happening at a time when many r/cs from Ky. & area are sked. As a result, my Ky. log has risen to a totally unheralded total of 12, second only to Fla. w/17 among W-zone states and rising to eighth place among mainland states. At the same time, I have added my 39th state, W. Va., to my log. Reports, then, are all for r/c unless stated. 2/4- KANE-1240 La., KJSK-900 Neb. 2/6- KVOX-1280 Minn. 2/7- KWAC-1490 Cal. RS, WEZJ-1440 WKDO-1460, WANY-1390, WCBL, 1290, all Ky.; strength of the tiny 250w. WKDO was just incredible, a glorious S-9 signal, also WHIS-1440 W. Va., for 2/8 KALO-1250 Ark., WCBL-1290 Ky., WTPS-1560 Mich. RS, XKOW-1420 Ark. RS, KLIF-1190 Tex., WCLK-1250 Ky. Then on 2/9, KPRK-1340 Mont. r/c, KOJR-1290 Ariz., WPOC-1290 Ga., which has just gone AN on MMs so probbbly NSP. I verified this one in England, 4,000 miles in the other direction on 11/14/58 - delighted to hear it again. Format is soft background mx. WHEC-1460 N.Y. & CKTE-900 Que. This is the best period of NA reception I have ever experience, & WCers should probably be getting New England graveyards & suchlike. If I don't get some of my unheard states now, I don't know when I will.

JAY MURLEY - 1733 Candlestick - Newport Beach, California -

I just finished KFI's mail count for the last three months of 1969. Uninflated by massive mail-in promotions, it provides an interesting opportunity to examine the quantity of distant listener mail from beyond the 1-A clear night 1/2 millivolt contour. I thought it would be worth sharing, so excluding several tens of thousands of letters from the Far West, we might first note states bisecting the .5 mv/m curve: Mont. 14, Wyo. 16, Col. 13, & N.M. 37. (Forgetting West Texas presence). Hawaii had 15, but is considered outside the half, if only due to KORL on an adjacent channel. Among other states, Texas led w/17, followed by Ill. 14, N.Y. 13, Mo. 9, Ind.-Mich.-N.D. & Vt. 5 each, Fla.-Ia.-Minn.-Ohio-Pa. & Wis. 4 each, Alaska-Conn-Neb. 3 each, Ky-N.J.-S.D.-Tenn-Va. 2 each, Ala.-D.C.-Ga.-Okans-La- & Okla. 1 each. Note the absence of Mass. the Carolinas, etc. About half of the 20 Canadian & ten Mexican letters came from beyond the half-millivolt contour. In addition, three were received from Tahiti, two each from Colombia and Japan, and one each from Australia, New Zealand, Norway, Philippines, & Tonga. (The latter was a visiting Aussie, however, so I didn't rush his name to Ray Moore's member recruiting Committee). Mo't of th. 272 sent something approaching a listener report, or the genuine variety, prospects?

JOHN H. SHANNON - 478 East High Street - Kittanning, Pennsylvania - 16201

Well gang, I am now a member of the MM DX Club again. I got my day off from work changed from Thurs. to Mon. at last. The first MM 2/9 proved quite worthwhile with the following: 1:28am, WTTT-1530 Ga. ET, 1:30 WKOG-1560 Ga. ET (I must be the last one to get this much-publicized station, hi). 1:39am, WCVR-1320 TEST for State #47 logged (I need Wyo. Nev. & Alaska). 1:43am, YNVOZ-1915, 2:54 KOYN-910 Mont. #2 w/beautiful CW IDs on r/c, 3:27, KYKT-990 Ari. #4. You may think that's not too much for a MM, but just wait till I refamiliarize myself w/the regular MM setups again, then look out, hi. Some other DX this week: 2/5- 5:38pm, WVAB-1550 Va., 5:49 Ex-WWHY which I believe has a new call now on 1470, but I can't find it in DX NEWS yet. I am sure I saw them listed as having a call change. Help. 4:58pm, WBIU-1480 Va., 6:04 WGOH-1370 Ky. (I had this one in Pittsburgh, but not here), 6:21pm RNE-638 for TA #55, 6:27 Algeria-548. 2/11- 6:30pm, WPEO-1020 Ill. #/off for a very very much wanted one u/semi-local KDKA & a big help on FDXC. Speaking of FDXC, I have two logs in w/407 points, & the third is about half filled now, but not many two-pointers left. My tape library continues to grow since the addition of the second recorder. I got a letter from Dick Clark in Fla. listing all the fine IAs he has been logging. A mystery on 1610k which seems to be a TA. See IDXD. Still nothing on WPIT Pop. 73.