

DX NEWS

The Magazine of the National Radio Club

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NUMBER 22

"I am deeply honored to become part of this highly regarded fraternity of DXers." (Lynne Pall, Ma.)

IN THIS WEEK'S DX NEWS...

NRC Log Updater - Joe Kureth Radio Progress - Ross Hansch Domestic Supremacy Ratings - Bob Karchevski International Supremacy Ratings - Norm Maguire KRVN on the air - Dave Fischer

NEW MEMBERS.

Carrol Bailey, Holden, Mass. Lynne Pall, Allston, Mass. Richard Mayhew, Valleyfield, Quebec Roger McDonald, Memphis, Tenn. Edward Sigmund, Jeannette, Pa. Ron Cesarek, Detroit, Mich. Jon Branstrator, Clarksville, Ohio

Welcome to the club, gentlemen (and you, too, Lynne); write in to ERC soon and introduce yourselves in a Musing!

A TRAGEDY ...

was luckily avoided but considerable damage done as a fire ripped through the third floor of the Nelson home in Watertown today, March 13. Very fortunately the only casualty was rk's kitten (my apartment shares the floor with a good deal of receiving equipment and a beautiful view), as no one was home at the time, and Cary Pall and Big George Kelley get an NRC Medal of Valor for rescuing most of the club vitals shortly after the fire. Hopefully we will remain on schedule from temporary HQ at CDP's, but any delays will probably be due to these complications.

MUSINGS



Jul. Markett - 3300 North 56 street - Lincoln, Nebraska - 68507

Now that February has come to an end, it's becoming apparent the DX season will also soon be coming to an end. Today 2/29 the temperature was 840, breaking the record for this date by over 200. Actually, CX haven't been too bad, it's just that I've made a couple of business trips to it leigh, N.C. in that last month & DX has mostly been limited to MMs. 2/7 brought the TaST from KLEB-1600. WPDR-1350 Portage, Wis. s/off @ 6:30pm. On 2/8 KNWS-1090 Waterloo, Ia. was heard w/religious mx @ 6:20. On 2/14 the f/c-TT from WAGN-1340 Menominee Mich. was heard @ 1:17. S/off from KRAK-1140 heard @ 2:30. The TESTs from WNIO -1540 & WAYT-1510 were both heard. 2/17- The r/c-DT was heard from WHII-1570, Pay Springs, Miss. @ 2:25. 2/21 brought f/c-mx fro. WPJD-1550, Daisy, Tenn. at 2:50 & also the r/c-m from WKIG-1580 Greenville, Ga. @ 3:30. On 2/26 KIKS-580 Kicks Padio, Tucson, heard w.NX & rr @ 2. KFRC-610 San Francisco w/sports & WX @ 2:45. "Radio A-0" XFAO-910 Mexicalo was heard @ 3:25 - can't be the 250w listed. The TEST from KMMO-1300 on 2/28 was heard quite well. Only interference was from WMAK. WTHI-1480 Terre Haute w√report on farms was heard @ 5:08. Later on @ 6:45 pm the s/off of WGVM-1260 Greenville, Miss. was heard & @ 7 I logged WJPR-1330 also of Greenville, w/NX. Latest veries tocome this way have been from KICA WHUN WDAL KLTI KDKB WRBC YSKL KKIN WHII, all v/1. v/q from KNWS KTSA KRAK & WIFE. KFIP came v/r & WISM v/c. Total veries now at 1,119. Not too much else. I'm still undecided on the Convention. If I can somehow line up a pusiness trip to one of our phone companies in the Tallahassee area, it will sure make it a lot easier to decide, both from a financial & practical standpoint. With nothing further, 73s to everybody & good DX.

BOB SHAW - 10 Williams Drive - Delaware, Ohio - 43015

What's happening here? 60° 24 hours ago & 17° now, bah. I've been working an AN shift fairly steadily, & my RX is suffering one of its periodic fits, but I'll report what little I've heard afore it gets stale. 2/22- KLCL-1470 ET/IT 3:04 I&C o/XESM on an Auroral or MwA-1 night. WJHO-1400 ES 4am ID & NX, programming sounded rr. PM, WHEE-1370 6pm zapping WSPD @ 6pm s/off w/"This Is My Country." WLDS-1180 finally, surprisingly easy o/WHAM @ 6:05. NM 2/28, I was plagued w/what I at first thought was atmospheric QRN but @ 4mm I discovered to be emanating from a fluorescent light someone left on in the kitchen. CX were only fair anyway. I was intrigued when I heard an unID announcer "XR in Toronto" on 1430 @ midnight, because I could hear CKFH o/them. It turned out to be WEIR's s/off, facilities in Toronto, OHIO. WJDY-1470 r/c also logged. Who was the 1450 IT IDing @ 3:15 as "K-W-"? Only four possibilities. TT on 1340 3:45-4 turned out to be unn KICK, f/cing, & announcing monthly, during RS. They went into NX 4. 3/2- WTCO-1450, WKCB-1540 r/cs. WABK-1280 s/on 5:58 w/announcements precede ing SSB. UniD-1520 from N.C. w/Topacc Radio Network calendar of events @ 6:55 anyone know which of the two? I must correct a statement I made a couple of Musings ago: WIZE-1340 IS rr, copying the Drake format, & no longer Top 40 mm they were when I heard them at school. Since first logging them, I am now nestered w/their AN show. Anyone count counties? I need nine of the 60 Chio scunties possessing stations. Anyone have 'em all? 73.

DICK TRUAX - 3003 Gleeson Iane - Jeffersontown, Kentucky - 40299
Greetings once again after a two-month absence from these pages. I have just gotten settled into new location, note new address above. And w/the move once again I must start log anew. I never quite get accustomed to doing that! Final totals logged in W.Va. were 1, 1 for 12/1/69 to 12/13/71. As of 2/10/72 when I departed W. Va. there was no sign of new WNST-1600 in nearby Milton W.Va. So far here in Jeffersontown (a suburb of Louisville) I've completed about two thirds of a day log & have yet to sit at the dials at night to begin that task

again. Sure are a lot of AN-6-ers here, & unfortunately, I live only three miles from NSPer WAKY-790. More in a few weeks after I get the routine catches out of the way.

GARY ATKINS - 2200 West Burnett Avenue - Louisville, Kemtucky - 40210

I have bagged a few good ones since last Musing in November, so here they are: 11/24- KPEL-1420 @ 1:20am w/f/c. 12/4- Surimam-725 @ 6pm (country #20). 12/20- Ranama-840 @ 1:35. XEUR-1530 @ 2:10. 12/22- WPCF-1430 @ 5:50 pm. 12/28- WHYT-1110 @ noon. 2/12- WUST-1120 @ 5:32pm. 2/12- YSKL-765 @ 12:45 am. 2/16- WKJR-1520 @ 6:13pm s/off. 2/25- WCKK-1150 @ 5:55pm. 2/26- WOI-640 @ 6pm, WKRG-710 @ 6:15, & WJBY-930 @ 6:31 s/off. Only new verie is CHK, #225. Log total is now at 1,080. Dolly Holiday is coming to the metropolitan Louisville are a soon over WXVW-1450 in Jeffersonville, Ind. Thrill, Thrill. Has Dick Truax made it to Louisville yet? Dan Phillips & I are hoping to hear from him after he gets settled down. (He's almost there, Cary - he's in the suburbs - ERC) Phone number here is 776-4341.

BILL FEIDT - 8708 Contee Road - Apt. 14 - Laurel, Maryland - 20810 Two verifications were received this week. #1 was a standard v/q from CHNM & #2 was a friendly v/1 from WYNK Baton Rouge for my SSS report. They said mine was the most distant report to date, to their knowledge. New loggings this week as follows: 2/27- WHAG-1410 Halfway, Md. 1:55-2:02pm w/rr format, ID, & into Al NX. This one has been very difficult due to broadcasting of KQV/WDOV QRM. WBUC-1460 Buckhannon, W.Va. @ 5:57pm s/off briefly atop the jumble. WAJR-1440 Morgantown, W.Va. @ 6pm w/ID & Monitor NX. KCHA-1580 Charles City, Ia. @ 6:44pm peaking for just a few seconds above the jumble during s/off. 2/28 was a big let down. WBCA-1110 did not make it through powerful WBT; WOGO was not heard, & KMMO had no chance through semi-local WFBR. I managed only one new log during three hours of listening, namely KHOS-940 Tucson, Ariz. @ 2:58-3:0lam w/NX, ID, & into c/w. I have usually had KIOA or KFRE here in the past. 3/1- WHAW-980 Weston, W. Va., @ 6:27pm s/off, mentioned PSA of 5kw; this one came in nicely o/nulled local WRC. WHAK-960 Rogers City, Mich. @ 6:38-6:40pm w/religious message to s/off; used multi-versed, choral version of "America, the Beautiful" for anthem. WBBA-1580 Pittsfield. III. @ 7:13pm s/off o/u much QRM. 3/2- WKLP-1390 Keyser, W.Va. @ 6:28 s/off-SSB u/unID station, not pesty, overmodulating WEAM which was looped. 3/2- WWBR-1350 Windber, Pa. @ 5:59-6 O2pm atop frequency w/ID & into "Capitol Report" NX. WOLD-1330 Marion, Va. @ 6:30pm s/off without anthem, mentioned PSA of 🌆 & FM. Well, I leave for my vacation this Friday, so this may be my last Mus-

ing for a while - I should be back on 3/27 or 28. If activity warrants, I may

send in another Musing this Thursday (3/9) before I leave. 73 & DX.

JEFF KADET - Box 726, Denton Hall - Univ. of Maryland - College Park, Md. 20742 On 2/23 WOA = 1080 was heard for Domestic #15 on the frequency w/ET/ OC/TT. Copy was difficult with all the QRM but I did pick out one ID during some WTIC dead air. The 24th mave us WHIY-1530 r/c-DT 2:44-2:58am o/u WCKY. The two 250 watters testing on 1560 around 2:30am on 2/26 were new for me: WVAK ET/TT and KRBB ET/OC for numbers 29 & 30 on 1560. Both stations were in the clear & were about equal in strength. Later in the day, WHII-1570 was heard @ 6:35-6:44pm s/ off instrumental SSB w/Aurora present. "Joy" by Apollo 100 was played while the last program was ending @ 5:43, just as it was again on the 27th. On MM 2/28, I had to study but did nab WDOG-1460 ET/M 1:31-1:40am for S.C. #60. IDs along with TCs were given. They were first heard back in '66 as WSET, the only station I've heard operating without authorized call letters. Veries: v/f- WKBX WKKE. v/l-WBKC WJVA (very friendly, said he tries to notify radio clubs when they will be testing but that it was too late this timr) & WPJD w/info on how to be saved from sin. Equipment here is a Hallicrafters SX-100 & a 50' longwire mounted atop eight story Denton Hall facing NW/SE. Domestics now at 1,680/709. Question: Did KECK-1530 every QSL for their TEST in 1969? 73. (They did for me, Jeff -ERC)

ADVANCE WARNING - THERE WILL BE NO "DX NEWS" DATED APRIL 8, so the THURSDAY DEAD-LINE DATE OF MARCH 30th WILL NOT EXIST. IT'LL BE MARCH 23rd HERE: THEN APRIL 6th.

MUSS IMMUNES - Box 946 - Wayne, New Jersey - 97470 Well, Fox has shamed me into it this time. (Now if he'd only domestic DX, hi). As my actual loggings, etc. are in DXD, I'll not repert them. I'll do otherness. This has been my most active & most productive sason ever. Totals as of 2/28 show roughly 1,550 stations logged (I will get exact count 3/1, hi), 415 taped, 255 or so veried. I only verie for DX TESTs, new states or outstanding catches. I've given up on the rest as time & postage money are better spent clsewhere considering verie returns, etc. I prefer tapes, anyway. Country total stands at 94, with still a few "ensy" ones to go, such as Argentina, Grenada Trinidad, U.S.V.I., St. Vincent, St. Kitts, Martinique, Cabon among them. I hope to top 100 by season's end. Progress this season - for the months Sept. through Feb. (Pt. 1 - T still have 2/28 to complete totals for and maybe 2/29) loggings (new) go like this: 21, 59, 67, 66, 92, 107. New country logs go like this from season's start of 62: 6, 6, 5, 4, 6, 5. New tapes somewhere around 150 on the season, not all dubbed onto master, so no accurate idea. State totals are 46 heard (I need Alaska, Wyoming, Idaho, Oregon), 40 veried & 39 taped. To recap equipment, an HQ-150, a TRF, a 4' NRC altaz FFT loop, a 2' altaz amplified loop, & a Lafayette RK-825 stereo four-track taper, a variable band-bass audio filter, & occasional borrowed Wollensak tapers for dubbing purposes. Actual location, despite mail address is Parsippany (Par-insipidity to BGK, n.) M.J.. some ten miles W of Whyne, & more in the swamps. Processed new local WPRJ-1310 is now being fought by a neighboring town, so more delays seem imminent. WKMB-1070, Stirling, i is now on the air as of last week, & another, unfortunately, loud quasi-local, though loopable for WKOK & WKDR. WBRW-1170 is local here, though wWLE and/or WWVA are loopable through it. The big pest days is WMTR-1250, which, as it points its 5kw D-3 at me for an effect of somewhere around 30kw., messes up 122-1280 very nicely. This no chance for WDVL, drat. What w/Musco's report of a possible noshiw on WTOR-619-TEST, I think I'll retire from CPC. This year's record thus far is perfect - two no-shows from WDVL, one each from WBRW & KEVC, now WTOT. Two to go. 73s. (For a re-sked on WBRW, WWVA is off first SMs, 4-(am, Russ - ERC)

ALAN F. GIBLER - 7240 South Ridge East - Madison, Ohio - 44057 Since I am a new member. I believe an introduction is in order. I am 23 years old & am currently single and working as a tree triumer. I have been DXing for about 15 years now but I am just really getting into it. Totals heard now are almost at the 500 mrk. Veries are considerably less. I use an old Hallicrafters SW-500 and an old Sears Silvertone with a homemade 4' loop antenna. I would appreciate any & all information on improving the GW-500. Recent veries include Belize-834 WSUN KFYR WNAX CBA KNBR WAPE XEEF & WPUV during critical hours using 1,000w. I tried for the WOGO TEST on 2/28 & came up w/WKFE, Yauco, P.R. w/ an ID in HE @ Ham & into IA mx @ 4:03 & what I believe was a EXeast @ 4:15 in OS. Reception was very poor & w/lote of static. On 2/29 I heard what I believe was Hungarian on 1250 @ 6:35pm until c:41. Loop was E/W & WTAE was in a fade. WOL was not in here yet. A man & a woman were engaged in a conversation but could not get any ID. Any help? The language definitely was not FF or SS. Keep up the good work & the best of DX. I would like to near from members in my area if Dossible. 73s. (Welcome to the NRC, Alan! We trust you'll be in here often! -FPC)

FRED OSTERMAN - 438 North Forest Road - Williamsville, New York - 14221 copied address as 148 King Street but had letter returned. Must be a new call for WEPD. Anyone who has a correct address on this, please send it to me (postage will be returned). Thanks. A few veries: v/f-WTM for DXS. v/f-WWOL. v/l & v/q- CKDM.

JOSEPH MARKEWICZ - 1394 Elgin Avenue W - Winnipeg, Manitoba - 238 116.

(Joe, in a future Musing, wouldst be so kind as to explain that group of letters & numbers?? -ERC) I wonder just what the mailman did to DX NEWS

#19, as it came ripped in half? (He tore it in half, hi -FRC) Ohwell, now to some good or bad news, depending on the way you look at it. The CRTC has extended the licenses of CKUA AM & FM, Edmonton, & CFRC AM & FM Kingston, & other university-operated stations to 3/31/74. These stations' licenses were to have expired 3/31/72. I ca: just see Jo jumping up & down with joy about CKUA, hi. It always interesting to see how the CBC uses my money in buying the WC FF stations sounds like a good way. If they do buy CKSB-1050 Winnipeg, will they change the calls to something original like CBWF? The only reason why CKSB is still on the air is the fact that over 50% of R. Canada's FF is broadcast over CKSB. Also I noticed the CBC FF TV station in Winnipeg is having quite a few FSAs for CKSB. It would appear that CKDM-730 is now again AN-6, just like in the Summertime. Edmonton can keep their -58° temperatures. At least we are still human down South. By the midterm break, I have to cough up four term paper essays, so there goes my listening. 73.

T. p. BUCKLEY Jr - 2831 Fairhaven Avenue - Apt. 101 - Alexandria, Va. - 22303 Big news from here is that our school (Hayfoekd High) is starting its own carrier current station on AM. As of now, we have virtually no equipment since the school won't kick in any cash. Some friends & I started calling Washington D.C. area stations for equipment & came up with a control board from WOOK-1340, 40 cartridges from WFAM-1390 & asssorted little things from WFAX-1220, all for a cost of zero cash. All you NRCers out there wgo work at stations that have equipment which you're not using and would like to unload drop me a line. Recently, I paid a vivit to newle WAIN-950 studios in Rockville. They're located in a shopping center w/XR at Potomac-Cabin John, Md. Big surprise was the whole station was automated & ran on tape. WXLN buys their mx & DJ tapes from Washington state & puts on a machine w/two car :idge players & just lets it run. The oml/ live programming is the NX & the Parker-Bailey Show. WXIN also has a pipe organ which Doug Bailey plays during his show & it sounds great & takes up a large room. They got the organ from Loew's Palace Theater in Washington, D.C. The other big story is that WCMD-570 is switching from cl to rr. A group including some Congressmen have formed a committee called "Save WGMS" & are petitioning the FCC to stop the switch. WGMS is bringing in people from L.A. & N.Y. RKO outlets to help. The switch date is May 1. DX has been nil due to other activities but a few veries have shown up from WRFD-880 WHIO-1290 Where are the WOBR veries? 73s.

DAVE SCHMIDT - 3 Valley Terrace - Apt. 9 - Wilmington, Delaware - 19802 Hi! First off, a comment on the WOGO TEST. Rick Preston & I were both sort of messed up due to the mails. The first TEST agreement was late getting to me since it took ten days for Rich's card to get from Florida to here. I phoned the info into HQ, sent a special delivery card to Flash Alert Junker, and also sent the info to IRCA. Realizing this could have been a little close. Rich & my, elf agreed to another date three weeks before the scheduled date. Info was phoned into HQ again, but DID NOT show up in DX NEWS, but it did show in the IRCA mag. Someone managed to get the times messed up & it was listed to run from 2-4 am, when it was sked from 3-4 & this is what was agreed upon. The TEST didn't show on 2/28, & I'll find out what happened. I think from now on the CPC should schedule the TESTs five weeks or better ahead of time. Comments? (Right on. Dave - the few I contact I allow eight weeks - the more publicity, the better -ERC) DX, starting w/ MM 2/14. The WEEZ DX ran from 1:18 till 3:40am, mostly w/ TT @ 25% modulation. Calls were received from Fla. & Chio., w/interference reported to be mostly WAKR WWUN & WETT. Since then, WEEZ cleaned house & I'm now working at WIFI-FM in Philadelphia. If anyone hasn't received a verie, send me a report & I will verify it. Also on 2/14, WNIO-1540 TEST 3:50-4:03 u/ZNS most of the time. WWVA announcing new SP is fourth SM 4-6am so no WBRW TEST here. (It's the FIRST SM, Dave -ERC) WFIL WCAU WPEN noted off 2/14. MM 2/21- KYW-1060 now NSP, WKIG-1580 fc 3:30-3:45 w/Dixieland mx, & WDEN-1500 running another ET, this time w/a 20 o/S-9 signal. MM 2/28- WCAU & WFIL both off again this AM, WKEN-570 noted back on AN & KYW-1060 is NSP for sure. WBCA-1110 TEST not noted, WBT too strong. WGST-920 ending ET @ 3:15 2/28 so not NSP anymore. V/1 in from WGGO TEST feel the unnecessary things should be done away with, such as talk about DJs and where they are. Things like that have a place in the IRCA. That's it, so 73s.

RICHARD CLASK - Larco 498 - La Punta - Calho, Peru

they have so many good stations to listen to here! I like A. Atalaya-1300 and R. Once Sesenta-1100 as well as A. Agricultum-1590 etc. You know I am glad I have no pestly American MDP station now! All SS all over the dial. Great! I like very much the Perusa vals, cumbias & rr in CS. We have R. Onlao-1400, R. Tigre-670, & Onda Popular-1000 are now eye distance from my place! There will be a new complete list of all the stations in Lina-Ohlao in my next DX NEWS MUSE. 73 from Peru. (The best to you down there, Rich! -EPC)

CESAR OBJIO - Calle Benigno F. Rojas 46 - Santo Domingo 7. Dominican Republic Yes, Ernie, I had to do with your receiving a verification from HIJP -830. I phoned and told them about your report, they found it among the received mail and said "will answer". I am happy to see they did. (So am I, Cesar, and thank you so much! -ETC) I also had a very long talk with Addames Aracena, fire ector and owner of Radio Guarachita-HIAW-690. He has your report and said it is correct, will verify as soon as he can because he is too busy right now. I will phone him again to remind him, he even promised to give me the information for an article about his station for DX NEWS. The mar is a great DXer and usually listens to stations late at night. We chatted about stations and frequencies and he knows about it and is up-to-date with stations in the area. Great! I am still trying to get your verification from R. Santa Maria, hi. Is the telephone wires Beverage giving some results? I heard WCBS-880 N.Y. on it 10:05pm w/such a local station on as HIPJ-890 R. Continental on the air, then also WHAS-840 Louisville. Two EE on 710, one was WGBS Miami, the other one was WOR N.T. w/mx & a clarion @ 10:15pm. WLW-700 Cincinnati. All this on 2/22. With R. Pueblo off, WIAC-1510 Nashville was strong, the came on the loop, WJR-760 Detroit @ 11:15pm w/ WX report. Now, on Tuesday 2/22 I received a telephone call from the director of R. Antillas-1120 to tell me there was a North American DXer visiting his studios. if I wanted to speak to him. I certainly did, and arranged a date for the next evening @ 7am. His name is Errol Urbelis (never heard about him), he belongs to NNRC & he never heard about me either, hi, or Ernie Cooper, Bob Foxworth, Russ Edmunds, etc. He visited Santo Domingo stations operating on SW w/a Dominican guide. I mentioned about my articles and showed him some of them and said never heard about that. Well, he lives at 60 Boulevard, Greenlawn, N.Y. 11740. (On Long Island -ERC) He is a SWL, so he is not interested in M.V. We met in the company of the owner ¢ director of R. Antillas who were very pleased to have him here. talk about SW statoons. He left on Thursday 2/24 to N.Y. I am pleased to see DXers visiting this country as this urges stations' directors to know more about the DX hobby and meet those people who listen to their stations in distant lands. Sorry if this is too long - be in Miami next Labor Day weekend, I hope to see many of you there. Santo Domingo Post Office has divided the city in postal zones - T live in Zone 7. So long. (Thank you very much, Cesar - ERC)

FRANK WHEELER - 6589 Wattsburg Road - Erie, Pennsylvania - 16509

I received the collowing new ober: 1/27- WTPR-710 @ 7:15am. 1/26WUFF Ca. @ 6:30am. 2/1- WARR-1520 s/on @ 7am. S/off is 6pm. 2/2- WKMG-1520 s.c.
6:04pm. 2/7- 3:35am, XEVIP-1560. 2/12- WEKC-1560 0. 1lam. 2/19 I experienced
something unusual - I received WFTR-1450 Va. behind local WWGO, which is very unusual. I received a verification from WTTN-1580 on 2/19, verifyung my report of
3/16/70, almost two years, except for a month. Longest period I ever had between
reception and verie. I took my pension 2/25, after being with the Erie Water Department since 1931. Totals now: 2,700 received with 1,642 veries. (Sincere congratulations on your retirement, Frank! - ECC)

WE'VE PASSED THE HALF-WAY POINT - BETWEEN N.R.C. CONVENTIONS, THAT IS, SO START TO PLAN YOUR VACATIONS SO AS TO BE ABLE TO TAKE IN THE MIAMI CONVENTION, Sept. 1-2-3-4





BOB FOXWORTH GPO BOX 2111 NEW YORK, NY 10001

All times in IDXD are GMT. Pls use one side of the paper, fellows. Tnx.

- St. Kitts? ZIZ noted here on 3/4 0230 to 0303 s/off with same format as when noted a year ago on 585. Get them quick before they move again. Annog as 570 kHz. (Merriman, Va.)
 - Stn hrd here 3/5 2330-0000 7 when had apparent s/off. News by man and woman 2330-2345 then a commentary on the BWI's in heavily Caribbean-accented English by anc; then a calypso-ish organ record, a brief anmt marred by splash, then OC. S/off 0000. Presume the new 10 kw St. Georges, Grenada testing or on limited sked. (Edmunds, NJ)
- Venezuela. Radio Libertad, YVNO Cabimas hrd after HISD s/off at 0500 2/27 with pop mx. It seems that Radio Libertad, YVNO-610 and Radio Cristal, YVSE-620 have exchanged frequencies. (Objio)
 - Tunisia. Tunis I was s-5 to 6 2315 3/6. This was the strongest signal from Tunis I in 3 years. The more-consistently received Tunis II on 962 was in more strongly at the same time. (Hoffman, NJ)
 - England. Daventry hrd 3/5 0610-0616 with BBC news analysis to 0615 followed by a single Big Ben ring and BBC World Service radio newsreel. Complete fadeout at 0618. (Edwards, NY)
- El Salvador. YSS hrd with ER on 2/21 at 0545; also on 665. (Objio, D.Rep.) unID. Count me in I've hrd English religious service here around 2230-2300 quite a few times but still no ID. But Alaska forget it, not a chance in a million. You can't trust a loop reading with an s-9 + 20 dominant signal there. (Hoffman, NJ)
- Libyan A.Rep. el-Gawarsha an unusual s-9 3/6 2255 on till close at 2330. Very little fading. Lots of talk. Big brother on 1124 was 40 over 9 at the same time. (Hoffman, NJ) (Objio,
- Venezuela. Radio Popular, YVMH Maracaibo hrd s/off at 0355 with NA on 2/23.
 Morocco. Sebaa Aioun has been allnighting it on occasions such as 3/2 when
 it was heard after 0310. (Dangerfield, Pa.)
- Colombia. To Schatz: In IDXD 1/29 you heard Radio Nacional and Barranquilla on this spot. Today, 2/27 at 0430 only HJAJ, La Voz de Barranquilla was hrd, Radio Nacional was not. Still a mystery as to both stations being on the same freq. (Objio, D.R.)
- Spain. RNE San Sebastian s/on at 0450 with chimes and anthem. Don't confuse with Stockholm which is supposed to come on at precisely the same time with an I.S. (Dangerfield, Pa.)
- Costa Rica. Radio Titania on top at 0629 with ID, old rock hits. (Edwards)
 Venezuela. Radio Miranda, YVLT very strong on 2/19 at 0325 and a steady
 signal with no WCCO. (Dangerfield, Pa.)
- Peru, most probably here with weak alternating men, male vocal selections 0630+ 3/5, mention of Quito and "Radio Nacional" at 0638. (Edwards, NY) Canary Islands. EFJ-57 all alone at s/on 2/21, 0700 and was hrd again the same day at 2253. (Ben Dangerfield, Pa.)
- Colombia. HJEY, La Voz de Cali ID in passing under hetm co-channel intf. 0715 3/6. (Hauser)
- unID. The station Russ Edmunds hrd recently at 2325 must have been something other than Turku, Finland. Turku and other medium-band Finnish stns sign off at midnight their local time, which is 2200, without exception. I checked this out carefully last summer while in Finland. Perhaps the station he heard QRMing Tunis was in Yugoslavia or Bulgaria, which have stations on this freq. (Dangerfield, Pa.)
- Morocco (probably) Tangier seems likely Despite the supposed 1 kw, they were all over everything else on 3/6 2256-2312 and peaked at s-8 with Arabic mx.

 Then at 2313 all I could hear was a tone test. Strange. (Hoffman, NJ)

8
1130 Nicaragua. YNRC, Radio Catolica, Managua hrd with mx, talk, several IDs in and out with local WNEW 0510-0517 3/1.(Edmunds, NJ)

1178 Spain. RNE Barcelona topping all at 2230 3/2 with an unID stn behind. (Dgfld) 1196 Morocco. Agadir has been on late several times, and was quite good at 0300

on 3/2. (Dangerfield)

1200 Venezuela. Radio Tiempo, YVOZ 0700 3/6 "Radio tiempo todo el tiempo", then began pgm "serenata" giving names of staff on duty, including xmtr engr; WRTVH72 unlist AN; WOAI off early. (Hauser, Texas)

1232 Morocco. Tangier also has been on late several times up to and after 0300;

something has been going on in Morocco?? (Dangerfield) (T.X.Thrush knows?) 1280 Haiti. Radio Metropole, Port-au-Prince hrd on 2/22 with a pgm of pop songs

with English deejay at 0330. (Objio, D.R.)

unID. Loops 95° - just right for Togo but WRTVH says s/off is 2300 and I hrd an anthem at 2327 on 3/6. Sounded like one played by a Salvation Army band. Very weak, was s-2 or 3 with heavy fading. No sign of Tirana in a period of terrific African reception that night. (Hoffman, NJ)

- 1463.8 Colombia. IDXD 1/29 to Schatz: I hrd today, 2/23 two stations almost on the same freq; one was Radio Monumental on 1462.5 IDing at 0458 (Ciudad Quezada, Costa Rica) as "La Hora Monumental" and announced some cigarettes, s/off shortly after that. The other one on your frequency: 1463.8 IDed at 0502 as "Desde Turbo, transmite Ondas del Darien, una emisora de Cadena Radio Porvenir (la del canal de su preferencia). Colombian pop mx was mostly played. As the station was weak I had too much QRM from a local station on 1480 but when it s/off at 0507, "Ondas del Darien" was heard quite well. Turbo is located on Golfo de Uraba (acc. Nat'l Geo. Atlas-co) but, Golfo de Darien according to other maps, in the neighborhood of the cities you mentioned: Acandi on the Atlantic Ocean (or Caribbean sea); the station is in Depto. de Antioquia, not Choco. (Objio, D.R.)
- 1493 unID. I tend to think the station being hrd with some regularity here is one of the French stations. It loops that way, but hard to spot accurately. On 2/27 I had a dramatic production, with some string music, but the voice sound was soft and I won't vouch for the language, but it did sound French. My mistake was leaving the HQ-180 to eat a quick supper (or in not buying a good tape recorder, hi -ed.) because when I came back, the station was almost unreadable. (Dangerfield, Pa.)

1502 Spain. Two stations were like locals on 2/7 from 0700 to 0730 but any IDs evaded me. There were at least two different signals here at 0715.(Dangerfield

- 1502 unID. Just caught a s/off here 2302 on 3/6 but no clues. With a bearing of 100° or so, only Senegal VI seems plausible, and that is only 1 kw. Any ideas? (Hoffman, NJ) (With good hiband cx, 1 kw ought to do it -ed)
- 1511 East Germany. R.B.I. Berlin finally hrd here with talk by German annor with accent, 0510 2/28. (Edmunds, NJ)
- 1520 Mexico. XEYP, El Limon Tamps ID and TC, at times dominating with KOMA et al nulled, as at 0023 1st March. (Hauser)
- 1580 Colombia. Radio Principe, Soledad (Barranquilla) hrd s/off on 2/27 at 0503 with anthem, giving address as Apto. Aereo 2048, Barranquilla. (Objio, D.R.)
- 1594 France. Nimes, et al hrd atop the channel with news by French male ancr and was // 1554 at 0450 2/28. (Edmunds, NJ)
- 1594 England/Portugal/others. CSB-4 is usually dominant here but I could hear the BBC News at 0704 on 2/7. It is not uncommon for the low powered BBC stations on 1484, 1546 and 1594 to be heard well after 0700 in January and February. (Dangerfield, Pa.)

1600 Mexico. XELO, Ciudad Juarez, 2x800 harmonic here, parallel distorted mx on both fregs, 0728 3/6. (Hauser, Texas)

Verification

1124 Libyan A.Rep. el-Beida sent standard form ltr for 10/26/71 rpt. Letter was dated Jan. 13, however was not postmarked until 2/14 and rcvd here 2/24.

Country #57 verified, and the best verie here since Sofia-827 verified in 1965. (Rugg, P.Q.)

Before getting into my DX. I would like to comment on what I think is some sloppy reporting. Items such as those claiming new stations and countries on the basis of a few words and/or a certain language, but with no definite ID, and often at times when said stations are not scheduled to be on, or are likely to be smothered by other stations, even with the use of loops. I refer you, for example, to the item under 962 kc. I would further like to remark that language identification can be quite deceptive. Personally, the only language I am almost 100% sure of is English. French has been known to sound like Portuguese, Italian, Rumanian and sometimes Spanish. German is similar to Dutch, Flemish, Swedish, Danish, Norwegian and Luxemburgese. Finnish is not at all like anything Scandinavian, but very close to Estonian, and a little like Hungarian. There is a similarity between Czech, Slovak, Slovenian, Serb, Polish, Ukrainian and even Russian. So, I always take it with a grain of salt when someone states that " a person spoke in Ukrainian, or Estonian, or Finnish" or whatever, unless that person is a language expert and I doubt if we have that many on our East Coast. I certainly am no expert, and even when tuning from the heart of Europe, was not always able to identify the language, even when I knew what station I was supposed to be hearing. So, it is just that much tougher to identify a language from over here, obviously. - Ben Dangerfield.

There's nothing I as an editor can add to Ben's remarks. My policy has usually been to accept the reporter's remarks at face value, and not try to second-guess him. This has to assume that the reporter has made a valid identification: For interest, the little blurb that appeared as a filler in DX News a few weeks ago, about WBZ, etc. with 18-letter words with lots of dots over the "a" and "u" letters was written in Finnish, but just try to imagine how it would sound when spoken. Also, it is interesting to note remarks from the West Coast reporters who find Spanish and Japanese very hard to distinguish in noisy backgrounds. I know that Ben is not the first one to raise a question about how one can be so sure that he has made an identification of an exotic language. -ed.

The rest of this space is reserved for who? to run his what, Bob? - if he dares:

Dear This is to confirm your tune in	
report of: WBRE AM T FM TV	
on 10/11/69 13/10 Kcs.	
from 11:30PMto	N .
Thank you for writing to us, and continued good reception.	Mr. C.D. Pall 71 Hurlbutt St. Wilton, Conn.
Yours very truly,	06997
WBRE-AM-FM-TV 62 S. Franklin St. Wilkes-Barre, Pa. 18703	

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72	RENAPTED IN FIGURE			Not			ч			
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54	LASHINGI BARRE	1147	49	10	. 0	.0	0	1147	40	10
-5-4	NEAR CLEVEL	1470	50	10	165	56	7	10.70	50	10
63		1564	49	10	0	D	0	F33	49	10
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		CHILD								

* REAL SET LILE FELLESTED TO THE SEND ENTERED TO THE R. A. KARCHEVSKI P. O. BOX 3151 DALY CITY, CAL 94015

INTERNATIONAL SUPREMACY RATINGS



Norm Maguire 2877 Kalakawa Ave. Apt. 704 Honolulu, Hawii 96815

					~			
	Dier	Location	Countries	T. V.	For.	T.H. 7	.c.	N.A. Best
B.	Dangerfield	Pennsylvania	111 VAC	412	336			103 R.Antigua 644
В.	Anderson	Virginia	101 VAC	1440	425			222 AHD, Puerto Rico
н.	Holbrook	Maryland	99 VAC	2287	698			387 KFAR 660 10lov
H.	Gustafson	Illinois	96 VAC	831	285			64 WXLS 850 1 km
25.	Robie	Massachusetts	86	259	144			60 HOK 250w
6.	Merriman	Virginia	85 VAC	1315	287			171 Anguilla 1505
D_{\bullet}	Reynolds**	California	75 VAC	1395	465			264 R.Montserrat
H.	Wilkinson	California	62 VAC	332	31.9			95 H.St.Pierre
C.	Preesan	California	61 VAC	1381	342		69	211 AFRS Thule
3.	Burger*	Holland	60	291	2Bt		27	136 WCHN
ū,	Allen	California	57 VAC	2737	503	3466	60	30% 68W, Cuba 500w
s.	Drake	Pennsylvania	56 VAC	2415	31.5	2558	63	
A.,	Bugg	Quebec	55	1386	1199	1452	56	
W.	Willis	California	55 VAC	925	129	1292	73	39 WIBS 695
N.	Maguire	Hawaii	59 VAC	2843	2819		82	262 WILD 50w
J_{*}	Starr	Ohdo	50	1119	190			132 Ameuilla 1505
G.	Scringeour	Ontario	47 VAC	526	440			354 RHTR 1270 1 lov
R.	Leany	Ohio	44	305	110			SD R. Montaerrat .
R.	Sperry	Connecticut	40	1611	235			202 ACA Canal Zone
W.	Stone	Ontario	32	2910	2997			2969 10-AT 15w
1.	Neff	New York	29 VAC	302	87		36	70 R. Montserrat
7.	Waldron*	New Jersey	28	714	1.61	1120	33	133 XEMO 860
D_{+}	Phillips	Kentucky	26	562	40	1525		21 KGPC
В.	Reynolds	Missouri	24	800	1.00	1520	34	94 HON 1501
P.	Wheeler	Fernsylvania	23	1670	185	2670	26	176 KFAR 660 10kw
R4	Luton	North Carolina		1097	142			102 AHD 780 22w
C+	Hohr	New York	22	565	103	777	26	95 RJR Jamaica 580
14	Pejsa	California	22	223	45	492	34	12 KRSM 920
C.	Seno*	Connecticut	22	1.06	58	300	23	36 KABC 790 5kw
E.	Wesolowski	Hekrasks.	20	1.081	110			94 XMM
В,	Porter	Washington	18	433	1914	944	36	20 KFRH 900
2.	Renfrew	Maryland	16	366	51	809	29	44 KROF 960 1 kw
L+	Kruse	Iowa	15	4080	77			61 WSTA
D,	Whatmough	Ontario	11	865	7	1665	28	734 KHOS 940 250w
R.	Eddie	Missouri	11	508	32	904	16	29 R. Heline 835
T.	Davisson*	Ohho	11	474	38	1228		
R.	Richman	New York	10	412	60	557	11	59 VMDD Slov
J.	Sharmon	Ferraylvania	9	187	-8	1419	60	7
М.	Sprensen	Ontario	8	402	299	612	11	298 AVEC 890
T.	Kerfoot .	Ontario	6	243	186	551	1.0	1
В,	Karchevski	California	5	1.61	8			5 XEHL 10:0
1.	Hoogerheide	Michigan				1182	30	

Sorry for delay since last column. Did not find S.R. in my issue #12 back in Jamary, so thought it might be published in some issue of DX News, VAC = Verified all continents; T.V. = Total veries; T.H. = Total heard; T.C. = Total countries heard. N.A. = North Assrican foreign veries. Those marked by (*) please bring your totals up to date, Mahale. Next issue will feature total Asians and the best from that continent. Hope you all are having a fine DX season. 73 and Aloha,

L.A AIRPORTS GRANTED AUTHORITY FOR ONE YEAR...(from FCC News)

An application by the Department of Airports, city of Los Angeles for continuation of authority to operate its "roadside radio" developmental broadcast station, along a section of the Century Blvd. approach to the Los Angeles International Airport, has been granted by the Commission for a test period of one year. A petition opposing the proposal filed by the United Communications Industries was denied.

In the same action, the Commission set certain guidelines for prospective users and suppliers of the radio system.

On June 3, 1971, the Commission granted the City a test period through October 31,1971, to operate a roadside radio system consisting of a 10 watt transmitter operating on 550 kHz. The system was designed to enable passing motorists with automobile AM radios to hear voice transmissions dealing with the availability of parking space, car rentals, aircraft arrivals and departures and other messages relating to traffic movement within the airport complex. When the test program on 550 KHz, had to be discontinued due to interference problems, operations on 830 were authorized.

The City then asked for authority to continue testing on 830 kHz. for a two year period to determine public acceptance of the new system "now that it has been established that interference problems would not be caused and that the system functions well".

The commission said that while the public interest would be served by granting the developmental license, a one year test program should be sufficient to yield the desired information.

The tests were approved subject to the condition that they be conducted on a non-commercial basis, and without promotion involving the public except for the installation of appropriate signs in the vicinity of the test site, and that the test program may be cancelled without prior notice or right to a hearing in the event of objectionable interference. A detailed report dealing with both technical and public acceptance aspects will be due within 90 days after the conclusion of testing, the Commission said.

In its guidelines to prospective users and buyers, the Commission raised the possibility of meeting "roadside radio" requirements on frequencies immediately above the AM broadcast band, and stated that it proposes to investigate this possibility.

The Commission noted that because of the problems associated with the developmental licensing of "roadside radio" systems in the standard broadcast band and the fact that multiple test programs could yield only cumulative data, it does not propose to grant additional authorizations for this purpose. This does not preclude, however, the continued installation and testing of nonlicensed units complying with Part 15 of FCC Rules.



EASTER WEEKEND '72!

FOR THE BEST TIME
YOU EVER YAD.



By the time this is in print in both DX NEWS and DX MONITOR, many DXers will have logged 880 KRVN running tests after 0100E which commenced on 021572 and which should continue for about two weeks. IF tests prove satisfactory an STA will be obtained and RS may well begin within the month of March in time to provide most DXers with another catch this season. Daily sked will be 0500-2400 CST with 50,000 watts directional nights and non-directional days. The transmitting facilities are located just NW of Holdrege. Ne and a 900 mHz STL repeatered at Overton will provide the audio baseband from the Lexington studios. The antenna system is a four tower array consisting of equally spaced 300' monopoles dirven with nonuniform currents in both phase and amplitude so as to produce a very wide "almost" null of some 15 mv/m @ 1 mile 150 either side of the line of the array towards WCBS. The line of towers lies on the great circle path between 880 KRVN and 880 WCBS and has a bearing of 81°. The front portion of the directional pattern is a very nice 2.5 VOLTS/m @ 1 mile so that few on the WC should have difficulty with KRVN. The proof of this system has been carefully made with a most competant CE at the helm and the technical difficulties not less than state-of-the-art in some major cases. More on the technical layout of KRVN will be published in future issues of the bulletins pending availability of space.

To date a number of DX reports have been received by 880 KRVN during their tests which have consisted of OC with station ID's each half hour. About 10 reports from the WC and one from New Zealand are presently on hand. The following information will be helpful to those DXers logging or taping 880 KRVN and wishing to verify their reception. First, the CE is Bob Bitner, WØSOK, a very top notch technical chap with many years of experience who is devoted to BCB and interested in having KRVN DXed. His responsibilities are many. much more so than most CE, and his day (to put it mildly) is hectic! Thus, all correspondence from KRVN will be handled by Fish in Lincoln. Specifically, DX reports should be sent to: Bob Bitner. CE Radio Station KRVN, 104 West Eighth St., Lexington, Ne. 68850 and the enveloped clearly labeled "DX REPORT". Bob will review each report for its correctness and then indicate whether or not it is to be verified and mail them to Lincoln where the verification will be processed. General correspondence concerning KRVN 880 will also be handled in this manner -- Fish will answer all questions the CE feels can be handled from Lincoln. Special DX Test will be arranged and there will be plenty of ET and f/c with and without the directional pattern. Thus CPC boys take note. Club policy of including postage will be expected and reports lacking return postage run the great risk of not receiving a reply. Please state your club affiliation(s) on your report forms and tapes are extra postage too. Tape reports are very much requested, tapes at 1/2 track @ 3.75 ips or 7.5 ips are acceptable. Tape will be returned only if return postage is included. Both Bob and I hope this will work well for the DXers of KRVN and we cordially invite you to "tune in". More to come on KRVN etc. in the future. de Fish, Lincoln, Ne.

NEC LOG UPDATER FEB. 172

540	CBEF-CN WGTO-FL	ADD: 267 Pellissier St. ANT: U4	820	WBAP-TX	SCH 24 hrs NSP
550	CHLN-QU	SCH: 24 hrs NSP (F)	850	WRUF-FL	SCH: 0528-0100 (-0230 Sa Su)
	WRIR-RI KARI-WA	ex WXTR ADD: Box X, ZIP: 98230		WCUG-Ga WJW -OH	Cuthbert CP is on
560	WQAM-FL	SCH: 24 hrs SP MM 0100-0	500	WJAC-PA	SCH: 0103 s/off
	WFRB-MD	ADD: Box 430 ADD: Box 159		KTAC-WA	THE MALE HOLD WELCOO HED
לפס			000	WXAP-GA WAYE-MD	Net: is M
510	WKYX-KY	SCH: delete 0100 s/off SCH: 24 hrs, SP MM		WUCR-TN	
580		ADD: Box 471, 71301	870	WWL -LA	ADD: 1024 N. Rampart St. 70116
	KCMX-CR WKAQ-PR	ex KWIN SCH:24 hrs MSP	900	WCGA-GA	·
600	KOGO-CA	SCH: 24 hrs NSP	,	KFLP-TX CJVI-BC	ex KFLD
		SCH: 24 hrs, SP MM 0200-			
610	WTCR-CT		910	KPHO-AZ KGLC-OK	
	WVIX-FL CHTM-MB	ex WMEL SCH: 24 hrs		WORD-SC KERV-TX	ZIP: 29302
	KOJM-MT	p 166	920		ex KARK
620	WETE-TN	ex WATE	,	WMEL-FL	ex WMEG SCH: 24 hrs MSP
630	CHLT-QU			WBAA-IN KBZB-TX	SCH: 0200 s/off daily
41.5		SCH: 0500-0130		WOKY-WI	SCH: 24 hrs NSP
		ADD: Box 3459		KEWQ-CA WJAX-FL	
650	WSM -TN	ZIP: 37219		WEOL-CH	SCH: 24 hrs
680	WRKO-MA WMPS-TN	ZIP: 02114 112 Union Ave. 38103	940	KFRE-CA	330 T.W. Patterson Bldg. NET: Ai Delete C
	KBAT-TX	519 W. Ashby, 78212		KIOA-IA	Suite 312, 215 Keo Way
690	WAPE-FL	ADD: Box 486		WCPC-MS	SCH: 24 hrs. SP irreg. MM CP 50000/250 U4
22.0	1770 140	Orange Park 32073		WECO-TV CJGX-SA	Wartburg SCH: MM s/off 0110
110		ADD: 106 W. 14th St. ZIP: 64105	950	KWK J-A R	CORRECT from KXJK
		ADD: Box 7 ZIP:71102 Blacksburg, 5000 D3		KP.XA-AK KDSX-TX	Seward, SH 1 24 hrs, NSP
	KIRO-WA	(initial decision) ZIP: 98121	960	KALE-WA	ADD: ZIP 99301
730		SCH: delete AN		KQAQ-MN	
1,50		ADD: Net M		KVEG-NV	SCH: delete AN NET: M
740		ZIP: 36111		WWDJ-NJ	SCH: 24 hrs SP Su AM
		ADD: 140 Jessie St. SCH: 0400-		WTRY-NY WILK-Pa	CP: U2 SCH: MM s/off 0025
790	KABC-CA	SCH: 24 hrs MSP	990	WVSC-PA	NET: A1
		SCH: 24 hrs, SP MM 0005-			ADD: Box 15310
		0500			

				15
1000 -WVCV-AL	ZIP 35805	1180	KOFI-MT	ADD: Box 608
KK IM-NM	Albuquerque		WHAM-NY	SCH: 24 hrs SP SuM
WSUM-CH	new call, Parma	1100	17DEC 47	NIGO. M
1010 KHCS-AZ	ex KCAC	1190	KP.DS -AZ	MEI: M
		1200	CFFB-WT	Delete
1050 WIVY-FL	Delete (to 1280)	1,00		ZIP: 78206
WPMF-FL	Delete (to 1000)			·
WGAY-MD	ex WQMR	1210	CFFB-NWT	here from 1200
1060 WRMF-FL	is here, ex 1050	1000	TA WOAL	ADD:Box 1967 ZIP: 35201
	10000/5000 04	1220	WKTZ-FL	
WNOE-LA	ZIP: 70127			ex KAPT, New Address:
WILE-MS	new call, Tupelo (& req. WJLJ)			2808 Market St. N.E.
KRUG-MO	new call, Springfield		CXDA-BC	CP is on
KAMA-TX	new call, El Paso,	1230	WGGG-FT.	SCH: 24 hrs NSP
	1000 D1	11.00	KYSM-MN	SCH: 24 hrs MSP
KHYM-TX	new call, Cilmer			CF: 1000/250 Ul
1070 WFLI-TN	7TP: 371:09	2010	774.3W0 T.4	NT-m . A -
TOLO MILTI-IN	SCH: 0600-0100 daily	1540	KANE-LA WCCM-MS	SCH: 24 hrs NSP
			WGVA-NY	
1080 KPID-TX	SCH: 24 hrs			SCH: 24 hrs SP: MM 0300-
	SP: MM 0000-0545			0900
TODO PATOR CA	ADD: Box 236, 95540	1250		SCH: 24 hrs SP MM 0100-0600
VOTK-FL	ANT: D4		KFKU-KS	ADD: Broadcasting Hall
				ZIP: 66044 SCH: 1435-1500 Mon-Fri
1110 WBT -NC	SCH: 24 hrs, SP:WM			2005-2030 Mon-Fri
	CPicon			
KC IA - NM	CP is on		WDVA-VA	SCH: off 000C daily
WHYT-IN	CP is on			SCH: off 0000 daily
WHYT-IN	CP is on ZIP: 63102	12 7 0	WORL-FL	SCH: off 000C daily ex WCRJ
WHYT-IN	CP is on	12 7 0	WORL-FL WOGC-NC	SCH: off OOOC daily ex WCRJ ADD: Box 888
WHYT-IN 1120 KMOX-MO KPNW-CR	CP is on ZIP: 63102 CP: Ul ₁	12 7 0	WORL-FL	SCH: off OOOC daily ex WCRJ ADD: Box 888
WHYT-IN 1120 KMOX-MO KPNW-CR	CP is on ZIP: 63102 CP: Uli Waynesboro 17268		WORL-FL WCGC-NC CHWK-BC KFYV-CA	ex WCRJ ADD: Box 888 SCH: 21 hrs SP MM 0300-0900 ex KOAG
WHYT-IN 1120 KMOX-MO KPNW-CR	CP is on ZIP: 63102 CP: Ul ₁		WORL-FL WCGC-NC CHWK-BC KFYV-CA WIPC-FL	ex WCRJ ADD: Box 688 SCH: 24 hrs SP MM 0300-0900 ex KOAG NET: Ac
WHYT-IN 1120 KMOX-MO KPNW-CR 1130 WEEO-PA	CP is on ZIP: 63102 CP: Uli Waynesboro 17268 Box 309, 1000 D 3		WORL-FL FCGC-NC CHWK-BC KFYV-CA WIPC-FL WIVY-FL	ex WCRJ ADD: Box 888 SCH: 24 hrs SP MM 0300-0900 ex KOAG NET: Ac ex 1050, ANT: 5000 D1
WHYT-IN 1120 KMOX-MO KPNW-CR 1130 WEEO-PA	CP is on ZIP: 63102 CP: Uh Waynesboro 17268 Box 309, 1000 D 3 PL ZIP: 33152 W ADD: Box 11805		WORL-FL WCGC-NC CHWK-BC KFYV-CA WIPC-FL WIVY-FL WMRO-IL	ex WCRJ ADD: Box 888 SCH: 24 hrs SP MM 0300-0900 ex KOAG NET: Ac ex 1050, ANT: 5000 D1 SCH: 24 hrs SP MM 0100-0630
WHYT-IN 1120 KMDX-MD KPNW-CR 1130 WEEO-PA 1110 WOBA-F KLUC-P	CP is on ZIP: 63102 CP: Uli Waynesboro 17268 Box 309, 1000 D 3 PL ZIP: 33152 N ADD: Box 11805 ZIP: 89111		WORL-FL WCGC-NC CHWK-BC KFYV-CA WIPC-FL WIVY-FL WMRO-IL WEIM-MA	ex WCRJ ADD: Box 888 SCH: 24 hrs SP MM 0300-0900 ex KOAG NET: Ac ex 1050, ANT: 5000 D1 SCH: 24 hrs SP MM 0100-0630
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WHYT-IN 1120 KMDX-MC KPNW-CR 1130 WEEO-FA 1110 WOBA-F KLUC-N WCJW-1 CJTR-C	CP is on ZIP: 63102 CP: Uh Waynesboro 17268 Box 309, 1000 D 3 ZI ZIP: 33152 N ADD: Box 11805 ZIP: 8911h Y new call, Warsaw U is here, ex 1150	1280	WORL-FL FCGC-NC CHWK-BC KFYV-CA WIPC-FL WIVY-FL WMRO-IL WEIM-MA WIBY-SC WNAM-WI	ex WCRJ ADD: Box 688 SCH: 24 hrs SP MM 0300-0900 ex KOAG NET: Ac ex 1050, ANT: 5000 D1 SCH: 24 hrs SP MM 0100-0630 NET: Ac ex WANS SCH: 24 hrs NSP
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WHYT-IN 1120 KMDX-MD KPNW-CR 1130 WEEO-FA 1110 WOBA-F KLUC-Y WCJW-I CJTR-CI 1150 KWKY-L WJMA-CI CKIQ-BI CJTR-QI 1170 KCBQ-C KLOK-C ESTIT-I KJAS-M KOWO-M KOWO-M	CP is on ZIP: 63102 CP: Uh Waynesboro 17268 Box 309, 1000 D 3 ZIP: 33152 WADD: Box 11805 ZIP: 89114 WY new call, Warsaw U is here, ex 1150 A SCH: 0630- H SCH: 2h hrs C Kelowna, CP is on U3 1000/1000 U Delete A ADD: Box 1629 A ADD: Box 6177 ADD: Box 3788, 52808 O new call, Jackson Waseca, CP is on U3 Somerville, 500 D3 UCC: Cornwall-on-Hudson ZIP: 12520	1290 1300 1310 1320 1330	WORL-FL FCGC-NC CHWK-BC KFYV-CA WIPC-FL WIVY-FL WMRO-IL WEIM-MA WIBY-SC WNAM-WI KHSL-CA KOZE-ID WFBR-MD WRBC-MS WKNR-MI WTIC-NC CKEC-NS	SCH: off 000C daily ex WCRJ ADD: Box 888 SCH: 2½ hrs SP MM 0300-0900 ex KOAG NET: Ac ex 1050, ANT: 5000 D1 SCH: 2½ hrs SP MM 0100-0630 NET: Ac ex WANS SCH: 2½ hrs NSP SCH: 2½ hrs NSP SCH: 2½ hrs SP: MM NET: Ai SCH: 2½ hrs SP: MM NET: Ai SCH: 2½ hrs SP MM 0100-05½5 SCH: MM 0500 s/on SCH: MM 0500 s/on SCH: MM 0½30 s/on ADD: 801 Nicollet Mall Midwest Plaza ADD: 125 N. Market St. ZIP: 67202

1350 1	DIE-NE	NET: A	i	1450	WROB-MS	ADD: Box 758	
	KPRK-MT					SCH: 0630(0700)-0000	
	WIS J-WY	SCH: C	530-0206(2200)		KXXL-Mt	ADD: Route 2, Box 42	
1	W-SEXU	NET: A	c		wqsn-sc	NET: Ae	
- 50	CFSD-Qti	new ca	all, Chapais		KBFS:SD	ADD: Box 767	
					KCTI-TX	SCH: 0730(1130)-2300(1900)	
1350	EIVM-BI	ex KTC	OH, SCH: 24 hrs		KNET-TX	SCH: 0655(0800)-0000(0100)	
	KIMB-KD	Delete	е		WTSA-VT	SCH: 0530-0000	1
2.3	WEDA-FF	CP is	on		WSNO-VT	SCH: 0415-	
	CFOM-QU	Delete	e		THE SECTION	NET: A delete M	
					WENZ-VA	NET: M	1
	KZIQ-CA				WLPM-VA	SCH: 24 hrs NSP	
		ex KB		11,60	WAXC-NY	ex WHEC, SCH: 24 hrs SP MM	
	KWR.C-MN	CP is	On	1400	WCID-PR		
	MKWT-WT		24 hrs SP MM 0100-0500		WACO-TX		
		,	0100-0500			ADD: Drawer 151	
1 170	WOTR-PA	ADD. I	Box li		KRNY-NB	-	
	WELV-NY						
	MDTA -MT	Hen: 1	ne .	1470	KOLI-CA	NET: M	
1380	WKKE-NC	ADD: 1	Box 2156			SCH: s/off 0205 daily	
טטעב	HIMID-110		22. 22,		×WBTX-VA	CP: Broadway-Timberville	
1390	WAKA-FL	ex WU	WU		WNEU-WV	delete	
25/0	WCAT-MA	NET:			-BC	Vancouver CP 10000 U 4	
	WTJS-TN	SCH:	0600-0203				
	WWOD-VA	SCH:	24 hrs SP MM	1480	WHBC-OH	SCH: 24 hrs SP MM 0100-0500	
			0125-0500		KAPE-TX	NET: Ac	
				47.00		gott of t	
1400	KEEY-MN		IN, delete AN		WMOG-GA		
	KORG-MT		on 1000/250 UL		ANGES-TT	new call E. St Louis	
	WGTN-SC		Box 575 NET: M		WEAR-TA	(req. VESL) COR: not KABA	
	KDWT-TX		29440		-PR	CP Ponce, 1000/250 Ul	
	WINC-VA	MMI:	2), hre			SCH: 24 hrs	
	M TMC-AW	5011.	24 1113		KIBL-TX		
31.30	CEMB_OII	SCH+	24 hrs NSP		KOJO-WY		
1410	OT HO-60	5011	24 12 101			SCH: delete 0000 s/off	
1/30	WQPD-FL	ex WI	.AK			,	
<i>عار</i> بد	KLO -UT	SCH:	24 hrs NSP	1500	WDEE-MI	ADD: 7441 Second Blvd.	
	WEIR-WV				KPIA~MO	New call, Ironton ADD: 3415 University Ave.,	
					KSTP-MN	ADD: 3415 University Ave.,	
17470	WHHH-OH	SCH:	Sa s/on 0600-			S.E. ZIP: 55414	
			Su s/on 0700-		WKBX-NC	NET: M	
	WAJR-WV	SCH:	0450(0600)-0205(0100)) 1610	KDKB-AZ	ex KALF/KMND	
	WHIS-WV	SCH:	MM s/on 0538	1510		Wabash, CP is on	
	CJOI-AB	SCH:	24 hrs NSP		KAGY-LA	ex KPBC	
- 1			5 3150		WHPA-PA	new call Honesdale	
1450	KENA-AR		Box 1450		PROCESS OF STREET	ADD: Whitehall St.	
	W4W4 64	SCH:	0700-1930		MILON-MI	ADD. WILLDERGIL GO.	
	KAVA-CA	ADD	Ul, not SH1 Box 505 ZIP: 31702	1520	A1-1000	ZIP: 70501.	
	WGFC-GA	COI.	0600(0730)-0007				
	ratio=cv		24 hrs SP: MM	1530	KFBK-CA	ADD: Box 15779	
	WLYV-IN	SCH:	0415- NET:A, delete	M	AD-OHTW	CH: 355 w	
	WLKN-ME	SCH:	0600-2200 (2000)		KGBT-TX	ADD: Box 711 ZIP: 78550	
		- 011	NET: C, delete Ai				ı
	WRKD-ME	SCH :	0600(0800)-2315	1540	KPOL-CA	ADD: Box 2810	
			NET: Ai, delete Ac		KXEL-IA	SCH: SP MM	100
	WIBM-MI	ADD:	Box 1450		KGLA-LA		Ä
	WOKK-MS				WDON-MD	ADD: 2647 University Blvd.	
	WNAT-MS	NET:	Ai			ZIP: 2090 2	

1540	WBRY-TN	CP Jellico ex WBJF LCC: Toronto 174	1570	WCZN-MI	CP 1000 D1 (is on) ex WMRP Oberlin, CP is on ADD: Box 277 ZIP: 40074
1550	KKHT-CA	SCH: 24 hrs SP MM			11001 - 111 - 11 - 110 4
-//-	KQX I-CO	ADD: Box 1 ADD: Box 3456 Miami	1580	WYYD-FL	Delete
	11112-12	ZIP: 33169	1590	KUCB_KS	PSA: 500
		SCH: 24 hrs SP MM 0100-	1)/0	KCIN-CA	Net: Ae
	WPGD-NC			WMSO-TN	ex WPIP
	KRGO-UT	NET: Ae, delete Ac			
			1600	WAPX-AL	SCH: MM s/on 0500
1560	KPMC-CA	SCH: 0845-0303		KYAL-TX	LOC: McKinney-Plano
	WTAI-FL	LOC: Eau Gallie,32935		WNST-WV	new call, Milton
		Delete Melbourne		WHLL-WV	
	WDXR-KY	SCH: 0600-0105		WNEU-WV	Wheeling, (PO:1170)
		ZIP: 10036			
	WCNW-OH				

Informers (?) for this Updater: RjE, DiRicco, Hardester, Winkelman, Dililline, Slater, et al. NRC log is only as good as you help to make it. Make sure your information is correct and send it along to: J. Kureth, Box 138, New Windsor, Md. 21776. We are trying to list P.O. Box #'s in lieu of street addresses. TNX for your support. JK

NOTES FROM HQ...

***************************** Truly, the BPC at the moment is a bit swamped with work, we have, among other things, a backlog on new member kits going back to Jan., and are well behind in sending out sample bulletins to prospective members. Those persons requesting lists of reprints may have to wait a few weeks, as the reprint lists were somewhere in the remains of GPN's house on Hardy Ave., those persons requesting REPRINTS may still send orders to Box 99, as Mark Katz still has around 5000 pages of reprints at his house. Our next priority is to salvage as much as we can from GPN's so that our other club services (report forms, new member kits, pattern book and logs, et al) are not held up any longer than necessary. But new member kits will surely be awhile...

Regarding Dave Schmidt's comments this issue about arranging DX TESTS, we ask that you PLEASE! set up these tests about 8 weeks in advance so that there will be plenty of advance publicity. I know about these sort of things as the WOCB Test had no more publicity than a call to Flash Alert so please arrange your tests well in advance...

A can to the infamous 1969 Domestic DXer of the year told us that this DX star will be at Starr's for YAD-2...will you? By the way, Efram Glotz, brother of the mighty Captain Glotz, will be there too (with his brother) so come to YADland Easter Weekend and join in the festivities.

IMPORTANT!!

NOTE TO EDITORS AND ANYONE ELSE WITH TIME VALUED MATERIAL FOR
DX NEWS--- ploade send all material which would usually be sent to the Hardy
Ave. address to: Cary D. Pall
220 Voltor Street Apt. 18

220 Kelton Street, Apt. 18 ALLSTON, MASS. 02134

--- thanks, BPC

Radio SENSACION 1240

84 Avenua 18-45, Zona 1 Acestado Postal Ibri Gustemala, C. A.

Tele: 20-0-15 y 25-0-02 Cable: C1000

Quaten-la, 27 de Diciembre de 1971

Br.
Richard E. Wood
Dept. of Foreign Hanguages
Louisians State University
Bran Rouge, Louisiana 70803
E.E. U.U.

timado Dr. :

En ocasión anterior recibinos un reporte de recepción de esta emisora de aquel vecino páis del norte en la cual nos solicit ha le confirmaramos la veracidad de los datos reportados. Por un lamentable error en ese entonces no fué posible contestarle, lo que hago hoy atendiendo su nuevo requerimiento:

Zecha: 25 de Abril de 1971.

Hora: 11 de la noche Precuencia: 1240 kcs.

Al agradecerle a Ud. su prescupación por este medio me permito confirmarle lo correcto de su re orte.-

Sin otro particular, lo saludamos muy cordialmente,

Manda dana cien - S-Mula meo consiliez cadunia Director Constal

10.000 VATIOS

Here's another QSL from the vast collection of Dr. Richard E. Wood, Radio Sensacion-1240, Guatemala... Gree

I visited the U.S., the promised land of radio stations. My big dress was realized when I walked thru the main door of WMEX. After chatting away a while and receiving information I visited WHDML. After a short briefing I took my real test. WHZ-Hadio 1031

After a three-hour wait I met Mr. Lou Borrone who gave me a minute of his valuable time in order to arrange a tour of the station. My best thanks to him.

WBZ is the most popular station in the Boston area. It is favored by both the young and the more mature people.

BPC----

This is what you printed on page 19 of the 5 February 72 issue of DX News,
Translation courtesy of the Finnish Consulate, San Francisco, California.

(from Bob Karchevski, Calif.)

Swazi Radio Beams To 6 African Countries

IOHANNESBURG—Swaii Radio, is new openmental station, will take in the sir force Meabuse on Feb. 1. It has been groved to bear light masse; programs to six countries.

The stotion, which will brank out in South Africa from a basely 1881 returns from the South African Institut, will prospect with the South African Broadhooting Corporation's Springfuld Ealie and Lourneys Manager Radia.

Hading the station is Mark. Wodlinger, on American, whose company Insur-Media of Karous City own foor communist radio and television stations.

Wodlinger soid Swazz Radio would be non-political and reach inteners in South Africa Bottowara, Lessitio, Zambia and Illiodesia.

It would be transed at liest by Attention and South African to linicises, Six American and Stree Johannesburg disk tockeys would handle the broadcasting.

The station would be owned locally by Wodlinger's company, well hold 60 percent of the shares the hwaziland Government 12 percent and a group of Sweet citigons.

Among the directors are Zachi.

Nkoi, the Swatt undersecretary for consistence, industry and crimes and General J.P. Goas, a former South African Police Commisioner, who will represent South African interests on the beard.

Worlings and more South African-based companies had already bushed advantising time. There had also been a flar response from unterserved undertakings in Swattland, Microshique and other mighter states.

More than 500,000 rand dollars worth of advertising had been booked.

Unitie Learning Marques Rocks. Swart Radio will be fully actiorated. Programs will be taped as Johnstocking and transported in Swantimed. Although the statistics will be engineed with the facilities for "on the spot" breakings, this will not be the usual practice and other techniques will work an the Swartland premises.

The new station will be on the air from als in the morning until midnight during weakdays and from six until one in the murning at weekersh.

Their will be no news scretce and the programs will be devoted to country resist, pop. Top 40 and "freety" stante. WKBN Strike

Negatiations conducted by a federal mediator will resume Moseley in the chree-week-old strike by at sewemen, four anneancers, three cameraces and little lelevision directors at WKBN Broadcasting Corp. the mediator estered the negotiations Thursday.

The strikers have rejected a package increase of 8.5 per cent the first pear and a 5.5 per cent in each of the next two years of the Numerican of the Numerican Association of Broadcast Employees and Technicians.

In addition to the NARET strikers, 18 technicians, members of the international Brotherhood of Electrical Workers, are historing the picket lines.

Warren P. Williamson III, exscurive vice president of WKBN, and that NABET had asked a flat 20 a week increase plus fringen, but scaled down demands to 200 a week in the second year of a two-year contract, plus fringen. At present, newsman have a top minimum of \$100,00 a woods.

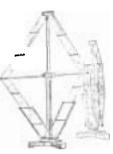
Williamson said that the station has been afte to maintain normal operations with supervisory personnel since the atrike hugan Jan. It. WKIN Broadcasting Corp. operates WKIN Radio and WKRN-TV (Channel 27), both affiliates of the Columitia Broadcasting System.



STATIC ELIMINATION

WITH the approach of summer, every radio fan looks with a certain amount of dread to the Enigma of Radio—Static. For more than a quarter of a century, scientists in many parts of the world have applied their knowledge and skill to the problem of eliminating Static. Most of their attempts have resulted in failure.

Science recognizes but one device capable curbing the annoying electrical disturbances, and that is the loop antenna. Electrical storms, like other weather disturbances, find their origin in various points of the compass. It is obvious, then, that by the use of a directional loop turned to a direction away from the disturbance, the disagreeable static noises may be tuned out.



The superior construction of the DTW IMPORTED COLLAPSIBLE LOOP enables it to perform this function to much better advantage than other loop antenna devices. Forty-two inches high by forty inches wide, its inductance consists of fourteen turns of genuine Litzendraht cable, made up of sixty individual strands, insulated, twisted and covered with double green silk.

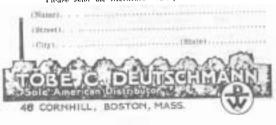
The woodwork is mahogany and all metal parts are highly nickeled. A graduated metal table at the base accurately gives the station direction. The turns are sectionized and by unique design all "dead end" effect is absolutely eliminated. The center tap permits its use without modification for all types of Super Heterodynes. The loop is collapsible and by means of the adjustable slide it may be actually used as the tuning unit of the set. No other loop incorporates such perfection of design, and no other loop can give such marvelous results.

Price, \$25.00

- CUT O	υ T =
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 $1\ \mathrm{am}$ interested in the DTW loop advertised in Rabio Progress.

Please send me literature descriptive of the loop.



I DONT KNOW WHERE 48 CORNHILL IS... but certainly this shows that MW dx technology in antennas hasn't drastically changed in the last 50 years or so....

--- submitted by Ross Hansch along with the next two pages.....

RADIO PROGRESS

JUNE 15, 1925

K.C. W.L. W.P

UNITED STATES BROADCASTING STATIONS ARRANGED ALPHABETICALLY BY CALL LETTERS

Abbreviations: W.L., wave length in meters; E.C., frequencies in kilocycles; W.P., wattpower of station.

kilocycles; w.P. wattpower of station.
K.C. W.L. W.P. KDKA—Westinghouse Elec. & Mfg. Co., E. Pittsburg, Pa. 970-309-1000
IDPM—Westinghouse Elec. & Mig. Co., E. Pittspurg, Fg. 970-309-1000
KDPM-Westinghouse Elec. & Mig. Co., Cleveland, O., 1200-250-500 KDYL-Newhouse Hotel, Salt Lake City, Utah 900-333-500
KDZB-Frank E. Siefert, Bakersfield, Cal 1430-210, 50-0
KFAB-Nebraska Buick Auto Co., Lincoln, Neb1250-240- 200
KFAD-McArthur Bros. Mercantile Co., Phonix, Ariz 1100 273- 100
KFAE—State College of Washington 860.340.500
KFAF-Western Radio Corp., Denver. Colo
KFAJ-University of Colorado, Boulder, Colo1150-261- 100
KFAU-Boise High School, Boise, Idaho1090-275- 500
KFBK-Kimball Upson Co., Sacramento, Cal
KFCFFrank A. Moore, Walla Walla, Wash
KEDY.—First Rantist Church Shrevanort La 1200 250 100
KFDX-First Baptist Church, Shreveport, La. 1200-250-100 KFDY-S. Dak, Ste. Col. Ag. & Mech. Arts, Br'kug., S. Dak, 1100-273-100
KFEQ-Scroggin & Co. Bank, Oak, Nebr
KFFV-Graceland College, Lamoni, Iowa1200-250-100
KFGC-Louisiana State Univ., Baton Rouge, La1120-268- 100
KFGD-Oklahoma College for Women, Uhickasha, Okla1190-252- 260
KFGH-Leland Stanford Junior Univ., Stanford Univ., Cal. 1119-279- 550
KFI-Earl C. Anthony, Los Angeles, Cal 640-469-2077
KFIF-Benson Polytechnic Institute, Portland, Ore1210-248-100
KFIQ—First Methodist Church, Yakima, Wash1170-256-100
KFIZ—Daily Com'tth & Seifert Rad, Corp., Fondulac, Wis. 1100-273-100 KFJF—National Radio Mig. Co., Oklahoma, Okis1150-261-225
KFJM-University of No. Dak., Grand Forks, No. Dak., 1080-278- 100
KFKB-Brinkley-Jones Hosp. Assoc., Milford, Kans1100-273- 500
KFKQ-Conway Radio Laboratories, Conway, Ark1200-250- 100
KFKU-University of Kansas, Lawrence, Kas1090-275- 100
KFKU—University of Kansas, Lawrence, Kas
KFLK-University of New Mexico, Albuquerque, N. Mex. 1180-254- 100
KFLV-Swedish Evangatical Mission Church, Rockford, Ill.1310-229- 100
KFLZ-Atlantic Automobile Co., Atlantic, Iowa1100-273- 100
KFMQ—University of Arkansas, Favetteville, Ark1000-300-500
KFMR—Morning-ide College, Sionx City, Iowa 1150-261 120 KFMT—George W. Young, Minneapolis, Minn. 1140-263- 100
KFMX—Carleton College, Northfield, Minn
KFNF—Henry Field Seed Co., Shenandouh, Iowa1130-266- 500
KFOA-Rhodes Dept. Store, Seattle, Wash
KFOC-First Christian Church, Whittier, Cal1270-236- 100
KFONEchophone Radio Shop, Long Beach, Cal. 1299-233, 109 KFORILatter Day Saints Univ., Salt Like City, Utah. 1150-261-250
CFOOLLatter Day Saints Univ., Sait Like City, Utah 1150-261- 250
KFOX—Technical High School, Omaha, Nebr
KFPG-Oliver S Garretson, Los Angeles, Cal1260-238- 100
KFPR-Los Angeles County Forestry, Los Angeles, Cal1300-231- 500
KFPY-Symons Investment Co., Spokane, Wash
SPOA The Principa, St. Louis, Mo
KFOC—Kild Brothers Radio Shop Taft Cal 1300-231- 100
KFQC—Kidd Brothers Radio Shop, Taft, Cal. 1300-231- 100 GFQU - W. E. Riker, Holy City, Ualif. 1350-222- 100
FOZ Taft Radio Co. Hulteward Calif 1330-226, 250
KFRB- Hall Bros., Beeville, Texas. 1210-248-250 KFRU- Etherical Radio Co., Bristow, Okla. 760-395-500
FRU-Etherical Radio Co., Bristow, Okla 760-395- 500
Serve United Churches of Olympia, Olympia, Wash 1300-220- 100
GSG Etho Park Evangelistic Asso., Los Angeles, Calif., 1090 275s 500
KFUM-W. D. Corley, Colorado Springs, Colo1240-242- 100
FFIO—Concordia Seminary, St. Louis, Mo 550-545- 500
CFUT—University of Utah, Salt Lake City, Utah1150-261- 100
GFVE - Film Corporation of America, St. Louis Mar., 1230-240-500 GFVJ - First Baptist Church, San Jose, Cal
GFVK Sucramento Chamber of Com., Sacramento Cal., 1240-248-500
FWA Browning Bros. Co., Ogden, Prah
SFWB:-Warner Bros. Pictures, Inc., Hollywood, Cal, 1190-252- 500
FWD Arkansas Light & Power Co. Arkadelphia, Ark 1130-266, 500
FWD Arkansas Light & Power Co., Arkandelphia, Ark. 1130-266, 500 FWF St. Louis Truth Center, St. Louis, Mo. 1400-244, 259 SFWH F. Wellington, Morse, Jr., Chiro, Cal. 1180-253, 100 GOO, Group, Electric Co., Onlyman, Cal. 1180-253, 100
GFWH: F. Wellington Morse, Jr., Chico, Cal, 1180-254- 160
GO-General Electric Co., Oakland, Cal 830-361-2000

KGU-Marion A. Multony, Honolulu, Hawaii	
KGW—Portland Morning Oregonian, Portland, Ore KHJ—Times-Mirror Co., Los Angeles, Cal KHQ—Excelsior Motorcycle & Bicycle Co., Seattle, Wash	. 610-491- 50
KHJ-Times-Mirror Co., Los Angeles, Cal	. 740-405- 500
KHQExcelsior Motorcycle & Bicycle Co., Seattle, Wash	.1100-273- 100
KJR-Northwest Radio Service Co., Seattle, Wash	780-384-1000
KJS-Bible Institute of Los Angeles, Los Angeles, Cal	1020 204 750
FIDS Door Churchoffean Christoff and Dec. 7-4 Mg	. 1020-294- 730
KLDS—Reorg.ChurchofJesusChristofLatterDaySts., Ind., Mc KLS—Warner Bros. Radio Supplies Co., Oakland, Calif	.1120-268- 250
NLS-Warner Bros. Radio Supplies Co., Oakland, Calif	.1240-242- 250
KLX-Tribune Publishing Co., Oakland, Calif	. 590-509- 500
KLZ-Reynolds Radio Co., Denver, Colo KMO-Love Electric Co., Tacoma, Wash KNX-Los Angeles Express, Los Angeles, Cal.	.1130-266- 250
KMO-Love Electric Co., Tacoma, Wash	1200-250-100
KNX-Los Angeles Express, Los Angeles, Cal	890-132- 500
KOA-General Electric Co. Denver Colo	900 112 200
KOB—Rew Mexico Col. of Agriculture, State Col., N. Mc	- 5.0.352-2000
KOD The Mexico Col, of Agriculture, State Col., N. Me	x.800-349- 730
KOP-Detroit Police Dept., Detroit, Mich	.1080-278-500
K.PO-Hale Bros., San Francisco, Cal	. 700-428- 500
KPRC-Houston Printing Co., Houston, Texas KQV-Doubleday-Hill Electric Co., Pittsburg, Pa	.1010-297- 500
KQV-Doubleday-Hill Electric Co., Pittsburg, Pa	1090-275- 500
KSD-Post-Dispatch St. Louis Mo.	550.545. 750
SAD—Post-Dispatch, St. Louis, Mo. KSD—Post-Dispatch, St. Louis, Mo. KSL—The Radio Service Corp. Salt Iake City, Utah. KTUL—American Radio Tel Co., Inc. Seattle, Wash. KTUS—New Arlington Hotel Co., Hot Springs, Ark. KTW.—Earl Deptherson Child.	1000 100 100
"KTIT - American Radio Tal. Co. Inc. Secular Work	1007-300-1000
ETHS Non-Adiamen Hand Co. Mar. Seattle, Wash	980-310-1000
MATTER NEW Arrington Hotel Co., Hot Springs, Ark	800-375- 500
11 - 11st Tresbyterian Church, Seattle, Wash	000-454-750
AUU-Examiner Printing Co. San Francisco. Cal	1220-246- 150
KUOM-State Univ. of Montana, Missoula, Mont	1230-244- 500
KUOM-State Univ. of Montana, Missoula, Mont	1270-236- 100
KYW-Westinghouse Elec. & Mfg. Co., Chicago, Ill	560-535-1500
KZKZ-Electrical Supply Co., Manila, P. I	1110 270 100
R.F.M.—Photon, D., Alber, Obbligad, Cal.	1110-270- 100
KCRG-dur flasors Butte, States, P. L.	1250-222-506
WAAR-Veltonic Innes, New Orleans, Ly-	119-109-100
WARL-Times Directly, New Orleans, La.	10901127-100
WAAR-Chronge Barly Dreven Joseph, Chronge, Dt	500-10r 100
WAAW-Dright times Englance County Note.	1799-200- 120 2000-129- 126
W.O.ALake Force Chownelly, Lake Force, 41.	ALVO-11-150
WARL-linger thrite-Govern: Co., Danger, Mc.	1750-740 000
WASLI-Consented Ages College Storie Cons	19280, 219, 146,
WARM On Rotto Chic.) In Comm. Wis.	STOLET IN
WARM -On Ruth (Set) to Cross Was WARD-State Armen Support Church Andreas, N. V.	100 141 100 100 171 100
WARD—Lake Review Bayers Charth, Reclinics, N. V., WARD—Lake Avenue Bayers Charth, Reclinics, N. V., WARX—Review D. Ser., Mont. Director, Mich. WARX—Alter Director Mann. D.	100 Jan 100 100 Jan 100 100 Jan 100
WARD. On Raths (Inc.) in Comes, No. WARD. Lake Avenue Suptot Cherch, Redbeste, N. Y., WARD. Event F. Jot. Street Corners, McG. WARD.—Allow Daniel Mann. (Inc.) 1974.—Allow Daniel Mann. (Inc.) 1974.—Allow Daniel Mann. (Inc.)	000-147 120 000-278-500 150-548-500 150-548-500 150-598-500
WARD-OR Ratio Unit is Clear We WARD-Lake New York WARD-Lake Avenue Region Charlet, Redission N V WARD-Ratio Theorem Mach WARD-Adom Thanks Along O WARD-Adom The Part Oct. Fast Bone. My WARD-Adom To Part Oct. Fast Bone. My William J. H. Grand Co., Kilden Zill, W V	
WARD—ON Ratio Unit; In Come, Wa WARD—Like A Freez Bargot Church, Sudhadan, H. Y. WARD—Like A Freez Bargot Church, Sudhadan, H. Y. WARD—Robert D. Jon. Street University Mich. WARD—Albert B. Fwitz Co., Fact Done, Mark. G. W. Linder, C. W. Ward—Albert B. Fwitz Co., Fact Done, Mark. G. W. H. Grand, C. W. Ward—Albert B. Co., Whitepenson, William W.	000-141 (0) 1001-715 (0) 100-145 (0) 100-155 (0) 100-155 (0) 1130-146 (0)
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WARN-ON Ratio Unit; In Come, Wa- WARD-Like Avenue Bargot Church, Suchasse, N. Y. WARS-Berty P. Jon. Worst Unwern, Mich. WARS-Berty P. Jon. Worst Unwern, Mich. WARS-Aller B. Farlet, Un. But Borne, Mark WARS-Aller B. Farlet, Un. But Borne, Mark WARS-Aller B. Farlet, Un. But Borne, Mark WARS-Aller B. Grate Co., School M.D. W. WARS-Aller B. G. Winnessein, William WARS-See, Said & Nonemin, Work Market, Nam. WARS-See, Said & Nonemin, Work Liddenin, Ind. WARS-See and W. School College, North Market, Nam. WARS-See and W. School College, North Market, Nam. WARS-See and W. School College, North Market, Nam. WARS-See and W. School College, Nam.	000-141 100 1000-715 000 175-745 000 175-745 000 175-705 000 175-705 100 175-705 100 175-705 100 175-705 100 175-705 100
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SAMS—Sector D. Jon. Should Delegers, McD. WAST—Allen Danier Agent, G. WAST—Allen Danier Barner, Man. WAST—Mathand & Co. Missonesia, Man. WAST—Sector Sall & Sector College, Man. WAST—Sector Sall & Sector College, Man. WAST—Franks Editorially, West Litherste, Ind. WAST—Franks Editor Tolker, Hardward, Danier, IX. WAST—Franks Editor Davier Published Col. Part Worth, Tex. WAST—Sector College, G. WAST—Sector College, Col. WAST—Sector College, Col. WAST—College College, Col. WAST—College, Col. WA	110-10-10 110-10-10 110-10-10
SAMS—Sector D. Jon. Should Delegers, McC. WASC—Allie Danier Agent, G. WASC—Sector Danier Agent, G. WASC—Sector Ball & Society Collection of Sector Management, Mon. WASC—Sector Ball & Society Collection, Col	110-10-10 110-10-10 110-10-10
SAMS—Sector D. Jon. Should Delegers, McC. WASC—Allie Danier Agent, G. WASC—Sector Danier Agent, G. WASC—Sector Ball & Society Collection of Sector Management, Mon. WASC—Sector Ball & Society Collection, Col	110-10-10 110-10-10 110-10-10
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21 21 27 1201250-130 1090-275- 1001130-466- 500 670-448- 500 ...1150-261- 100 WNJ-Radio Shop in Newark, Newark, N. J. WNVC-City of New York, New York, N. Y. WNYC—City of New York, New York, N. Y. 570-528-1000 WNYL—City of New York, N. Y. 570-528-1000 WNYL—Inmes D. Yaughn, Lawrenchung, Fran. 1050-233-107 WNYL—Inmes D. Yaughn, Lawrenchung, Fran. 1050-233-107 WNYL—Inmes D. Yaughn, Lawrenchung, Fran. 1050-233-107 WNYL—Inmes State College, Ames, Iowa. 1110-270-100 WNYL—Lawrenchung, Iowa Mananaker, Philisdelphia, Pa. 590-500-100 WNYL—Unity School of Christianity, Kanasa City, Mo. 1030-278-500 WNYL—Unity School of Christianity, Kanasa City, Mo. 1030-278-500 WNYL—Only State Marketing Bureau, Jefferon City, Mo. 600-441-500 WNYL—Only Institer to A. New Ottens La. 1110-279-109 WORLD Dense Unique (Control Return 18) 19, 190-105 WORLD Dense Unique (Control Return 18) 190-105 (190-105) 190-105 (190-105) 190-105 (190-105) 190-105 (190-105) 190-105 (190-105) 190-105 (190-105) 190-105 (190-105) 190-105 (190-105) 190-105 (190-105) 190-105 (190-105) 190-105 (190-105) 190-105 (190-105) 190-105 (190-105) 190-105 (190-105) 190-105 (190-105) 190-105 (190-105) 190-105 (190-105) 190-105 (190-105) 190-105 (190-105) 190-105 (190-105) 190-105 (190-105) 190-105 (190-105) 190-105 (190-105) 190-105 (190-105) 190-105 (190-105) 190-105 (190-105) 190-105 (190-105) 190-105 (190-105) 190-105 (190-105) 190-105 (190-105) 190-105 (190-105) 190-105 (190-105) 190-105 (190-105) 190-105 (190-105) 190-105 (190-105) 190-105 (190-105) 190-105 (190-105) 190-105 (190-105) 190-105 (190-105) 190-105 (190-105) 190-105 (190-105) 190-105 (190-105) 190-105 (190-105) 190-105 (190-105) 190-105 (190-105) 190-105 (190-105) 190-105 (190-105) 190-105 (190-105) 190-105 (190-105) 190-105 (190-105) 190-105 (190-105) 190-105 (190-105) 190-105 (190-105) 190-105 (190-105) 190-105 (190-105) 190-105 (190-105) 190-105 (190-105) 190-105 (190-105) 190-105 (190-105) 190-105 (190-105) 190-105 (190-105) 190-105 (190-105) 190-105 (190-105) 190-105 (190-105) 190-105 (190-105) 190-105 (190-105) 190-105 (190-105) 190-105 (190-105) 190-105 (190-105) 190-105 (190-105) 190-105 (190-105) 190-105 (190-105) 190-105 (190-105) 190-105 (190-105) 190-105 (190-105) 190-105 (190-105) 190-105 (190-105) 190-105 (190-105) 190-105 (190-105) 190-105 (190-105) 190-105 (190-105) 190-105 (190-105) 190-105 (190-105) 190-105 (190-105) 190-105 (190-105) 190-105 (190-105) 190-105 (190-105) 190-105 (190-105) 190-105 (190-105) 190-105 (190-105) 190-105 (190-105) 190-105 (190-105) 190-105 (190-105) 190-105 (190-105) 190-105 (190-105) 190-105 (190-105) 190-105 (190-105) 190-105 (190-105) 190-105 (190-105) 190-105 (190-105) 190-105 (190-105) 190-105 (190-105) 190-105 (190-105) 190-105 (190-105) 190-105 (190-105) 190-105 (190-105) 190-105 (190-105) 190-105 (190-105) 190-105 (190 WWAO: Michigan College of Mines, Houghton, Mich 1140-263- 250 WWJ-Detroit News, Detroit, Mich...... 850-353- 500 WWL-Loyala University, New Orleans, La . 1090-275- 100

Dr. vol. 15, 1925.

Ross Hansch adds that the current BCB frequency allocations were set up at the end of 1940.

Anyone else have any old radio stuff of general interest to the readers? Send it in to HQ, and thanks, Ross, for these outdated NRC logs...(hi?)

RAPIDA PROBLEMS





EDITOR: r.j. edmunds

DOX 946 Wayne, n.j. 07470

(201) 335-8307

Greetings again folk. CX continue unpredicatable, but at least domestic SSS cx seem still good. Al's of late have tended toward staticky brindlings thus bombing out many good catches, hi... NY 3/6 almost a complete washout.

I/E S

JANUARY: 2nd WM: KTZN-1430; 3rd MM: K3PC-1230, KUDI-1450; 4th MM: KCJB-910, KLEO-1480; Last of Mo.: (poss. r/c): KKUZ-1150.

FIRSUARY: Lat Mi: MOLO-1230, MONS-1200; 2nd TH: MIDG-940.

MARCH: 1st MM: WPLB-1380, MGHI-1370, WRMG-1430, KNOX-1310; 1st TH: WTCO-1450;

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cnanoes
    610 WVIX-FL ex-WMEL (not WBIX as logged recently)
   960 WHVN-NC
                  ex-WKTC
  1060 WJLJ-MS
                 ex-WTLE (Tupelo CP)
         CJLR-QU CP is on.
+ 1140 WKCM-KY call granted for Hawesville, Ky application. No grant yet.
+ 1150 CJRC-QU CP is on
  1220 KCCS-OR ex-KAPT (not KAAZ as logged recently)
+ 1360 KRRR-NM CP is on, ex-1340.
         KOHU-OR CP is on, ex-1570.
                                              r/c time change: KDTA-1400-CO
+x 1510 KAJY-LA ex-KPBC
                                               is now 0200-0210 3rd Sun. (BL)
+x 1490 KQTY-TX
                 ex-KHUZ
+ 1450 KOPO-AZ CP: 1000/250 Ul
+ 1490 WESL-MO
                 ex-WAMV (E. St. Louis CP)
+ 1560
        KAJN-LA CP is on.
+ 1590 MMTA-TA Is here (Honesdale CP), not 1510 as listed previously, sri.
■ 1600 WAAN-MI Still annog. operation w/temporary pwr. of 250 watts (Boyd)
                            call applications
        WXTR-RI req. WGNG
                                        1400 WRHC-FL req. WERD
                                davtime
   730 KNDA-21 Good w/spot for shop in Lakefield. 0722 2/21. Doubt if was on
                 148 watt psa. (Blake Lawrence, Canon Cy., CC) ** He too. That
                 area is CST, therefore on full pwr. from O6CO LT=CST=C700EST
       MECS-MC Hrd 2/27 w/nx, wx, rr 1330 (Larry Van Horn, aboard ///-RjE
                 TSS Josephus Daniels, in Morfolk, Va.)
  1260 MINI-DT Caught w/T 1100 2/6 in MIN null. Also had the next/(Joe Kur-
                 eth, New Minosor, Ma.)
       MUTAL-VA ID had within 5 secs. of shove for another newie. (JUE) WER-DA 2/S 1105 W/rest MORM nulled. (JUE)
  1430 HINV-D Hrd 2/27 u/ID, wx, rr 1515 (179)
                              sunset & evening
        'Allo-Ell Hard w/ Pros-Squires Ell We u/477 2005 2/23 (Len Onyachuk,
                 Homewood, Il)
       MIP -FA Erd "Action Dx" u/ Larry Ming u/ strong MAR mar g M 2030 2/23
        WENN-FL Wik Ae nx u/M J BES 2031 2/23 (20)
   590 MARTHARL M/IT, promo, then into mx 2/27 1805-10 (LVII)
   740 MTOH-PA Erd wk w/" forl Bosorrow" w/JBL talk 2036 2/23 (...)
   130 1701-0% Tro helftime nx, ID, Cavs, BKB vs. Bsn., 2057 2/23 (KO)
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Hrd ID, local nx 2100 2/23 (KO) 750 MANUAR Fair u/KIN w/ s/off SSB 1915 3/1 (BL) good 1849 2/12 w/rr, SID. After unID SSB, likely AXJK (BL) Hrd H.S. sx rpt., car ad 1721 3/1 (NO) 1050 Mrs = 1 Hrd ID, nx tk in WHFB bkgd. 1730 3/1 (MO) Good w/ s/off, "Lord's Prayer" 1857 2/11 (BL) ** EC'ers, on a good nite for western SRS, try this - RJE W/nx 2/27 1824-25 (LVH) In 30 secs.: long emuf for ID than back into mess, 1825-25:30 Dominant w/ NBC nx, Monitor, mx, then "Meet The Press" 2/27 1825:30-28. (LVH) ** Above item also 2/27-RjE W/local spots & rr 2/26 1915-20 (LVH) 1116 300-W Good 1918 2/21 w/ ID for AM & FM & c&w mx. (BL) In/out w/ WGH w/ ID, Mut. nx 1800-05 3/6 (RjE) M/educ. p.m., promo for nearby campus of PSU, and s/off, no SSB atop channel 1813-15 3/6 (RjE) Hrd w/ promo, rr, s/off no SSB bombing WLOB-CFCM which were there both blu and after 3/6 1825-30. (RJE) New CP hrd w/ fair-good sizs here most eves bl s/off. Usually off a minute or so late, first hrd 1946 2/15 w/ Lord's Prayer spoken over a Brahms Lullaby. (BL) ** Ah, verily, a distinctive s/off - RjE W/ Ai net nx, then caw nx. WOXO ?? 2/26 1808-10. (LVH) ** Is 1460 unID a distinct possibility, hi - RjE (WAXC, ex-WHEC is rr) WMBR-FL W/ CBS net sx, then ID, TC, MoR 1908-12 2/26 (LVH) WKBA-VA W/ caw mx, s/off annot. & a "thank you for listening" 2/26 1744-45 (LVH) WDKJ-MS W/ID, temp., TC, then mx 1850-54 2/26 (LVH) WAGL-SC W/ nx, wx, then soul/rr 1801-04 2/26 (LVH) KGUL-TX Good w/ record offer giving stn address 1854 2/12 (BL) midnight to sunrise WDAK-GA Peaking s7 2/18 0404-35+, usually s3 at best; clw .(Wes Boyd, Youngstown, Chio) KBOW-MT Fair w/ SID, ofw 0306 2/23. AN 'II's now??, KOY QRM(BL) MKYX-KY Finally a fair log u/WAX-WWA-WFAA-WMAM etc. in HIMS null 2/18 0054-55:50. Still clw, w/ s/off SSB 0058-59:50 (Boyd) Hrd w/ ckm. rr u/WMCA, WKBN 0025 2/29 (RjE) MANC-NO Very spotty w/ chw 0505-11 2/20 & again 0044-49 & 0108-18 2/23 (Boyd) ** That could be serious... RjE KONO-TX Actually even w/ Toronto OC b4 0600 2/25 (Boyd) NCOC-113 Finally w/ 0559 s/on & 0600 nx, 2/25. No sign of LSBA-LGBI-. KGLC-CBO etc. (Boyd) KDML-MW 2/9 0023 . Is getting in here frequently. Format is con (JEK) WMEL-FL Logged for call change, good copy 0131-39 w/ nx, spots, ckn rr, etc. no CKCY, WMNI. Interference from WGST/KDHL, weird(Boyd WKCT-KY Strange, but great in WJAX null 0008-28+ 2/16, no signs of WPAT-WBEN-WEOL-WKY pests. (Boyd) ** Prev. item 2/29. MMGR-GA S/on 0604 then gone til 2 spots & jingle 0608-10 w/ only KY & WEOL there. Other pests gone. (Boyd) 2/25. WSLI-MS O/WMGR, etc. w/ PSA pgm. spot, mx Ooh4-50 2/25. (Boyd) WGRP-PA Believed to be the OC ET most of AM 2/18, eas; +40/s9 here(MB) NBRC-AL All o/WFIR (if eten on) 0525-0630+ 2/25 (Boyd) 1000 UKYB-SC 0/u WCFL 0711-0711 w/ spot-prono-wx-spot-jx-mx. (Boyd) 2/29 1130 WPTB-NC Foor u/WNEW-WCAR 0659-0701 s/on & Nymn. Spotty reception of caw stuff to 0710 or so. (Boyd) 2/29. CJTR-QU Hrd even w/ WRVA 2/23 0036+ (JTK) JBI -NS 2/28 s/on 0445 w/ 0'Canada, 33), short ID, straight into mx. (JEX) ** Straight mx, too, I bet... RjE /SBB-FL S/on in mess 2/28 0501, only other ID in AM MCRO s/on (JEK) METI-RI In out w/ WITH 2/12 w/ ID, local nx 0102. (JEK)

WIST-NC W/rr, ID 0038 3/6 o/u WOCB TEST. (RjE) 1270 MUNK-ID M/JPI nx, 0000 & s/off 0004:30 u/WXYZ, Castro, Het, etc. (Boyd) ** Het is HI -- on 1240.8 or 1241, depending on how the electricity feels, hi-RjE * 1290 WVON-WV On 0110-0230+ 2/26 for local flooding, few IDs. Also on 0500 2/27, so maybe on AN that day. (Boyd) 1300 VKCY-VA ET-TT-ID 0008 2/29 (RJE) WFBR-MD Su AM s/off 0200. Only WERE-WAVZ left 3/5 (RjE) KWKW-CA Fair w/SS pgmg., ID in SS 0353 2/28.(BL) + 1330 WFBC-SC Strangely this atop WEVD instead of WHOT w/ MoR 3/5 0200 ID.(RjE) ******************************** 1340 WUSJ-MY New log 2/10 0033 on new sked. Good tape. (JEX) 1380 MLCY-FL Poor, distorted (**as usual-RjE) ID on ET-OC 0422 2/14 (BL) 1400 WMSL-NY After trying for yrs, hrd 3 times past week. First log 2/7 0152 1440 WOHN-VA On ET w/rr 0425-0435+ 2/18 o/WCHB, WAAB, WHHY etc. (Boyd) (JEK) WAJR-WV S/on 0500 wkdys. First SSD, then nx. (Boyd) 1470 WQXL-SC Fair w/ ID on ET-HoR 0345 2/14 (BL) 1490 KNOW-TX Good w/ jx, wx, rr 0221 3/4 among many others (BL) 1510 WAYT-IN Fair-to-good on DX w/ series of voice ID's 0301 2/14, w/ KGA 1550 WBAZ-NY Testing 2/11 0120- even w/ WKBA Oldies-test. V/1 said were deciding on new r/c time, but no hint as to when. (JEK) ** Who signed it ?? - RjE WVAB-VA Equal to & o/WNTN which was o/CBE 0700-15 2/25 (Boyd) (RJE) XXJO-MO Atop w/ fem. nxcaster, male DJ w/rr. 3/50150 ID. Atop channel * 1570 WFLR-NY On */ET-OC-TT w/ID 0042 2/29 (RjE) Well, thassit. Is Thursday 3/9 afternoon, and alrady (sic) stuff from TRS, Wes, Rugg, Musco, Collins for next week. Sorry about this sort of thing, but when mail is heavy as well as work, I've got to cut back a bit early. I'm tryin; to adhere to an 1800 Tues. deadline, hopefully to catch up azain soon. Meanwhilest and henceforwardly, 73 & CUN7 . RjERjERjERjERjE.

12h0 WOCB-HA TEST hrd w/ varying TT, cw & voice ID's o/u WIST 0025-0040 3/6









MIKE SCHEEL - 5007 South Utah - Envenport, Iowa - 52804

Sorry about not double-spacing my first two Musings. Well, I made a fantastic bal, min at Allied-Radio Shack Stere. I got an Allied eight-band, 19 transistor model 2682 RX, a \$90 buy, for \$10! The only thing wrong, the chassis was falling out, knobs were missing, & the power supply was missing. In less than three hours it was working! Veries in are KJLT-970, sent a nice v/1 for reception of r/c of 2/6, 4VPC verified for 12/27 DX Special. Report to KLUC-1140 for 2/21 r/c. Nevada is State \$40. DX: 2/21- YNG-1100 @ 12:08am after WKYC s/off w/La Voz de la Victoria, then HIMH-1100 C 12:10am w/R. Real. KIUC-1140 @ 3am w/r/c. 2/22- WJBO-1150 @ 8:15am w/NX. 2/26- WPTN-1550 @ 5:30am w/r/c, WOMA-1570 @ 5:55 w/ET, WLEN-1590 @ 6:23 w/NX, KOCT-1600 @ 6:32 w/NX. SM 2/27- KTSA-550 @ 3:07 w/ rr in KSD null. MM 2/28- KMMO-1300 @ 5:04 w/TEST, KCRV-1370 r/c @ 6:45. WHA-970 @ 8:10pm w/ID & c1 mx, KWTO-560 @ 10:18 w/rr in partial WIND/WHBQ null. SSS 3/1-KXJK-950 @ 7 w/NX, KARN-920 @ 9:20 w/their new call. Totals are 460/38; 40/26; 5/4, 7/3. New address spon; I'll write HG when I know it. George Sherman, where is my Star Roamer I bought from you? Likewise HQ where is my New Member Kit? I'll be an old member by the time it gets here, hi.* It looks lake my prediction in LX NEWS #17 may be a little long - I should get it by May. C U N 21. *- Probably True will as you can see by the Front page it can't be helped - Him KEN WYSCHUM - 1643 ulive Road - Homewood, Illinois - 60430

Hi fellas. I'm writing this Mon. 3/6 so I might make it to ERC's by Thursday, hopefully. (Received Wed. 3/8 -ERC) My DX NEWS usually comes in on Tuesday, so coming home from work after 8 here in a steel factory can be a pleasure. My job has improved somewhat, from a laborer to Asst. uperator on a shearing machine. The Minnesota Twins were the first to reply to my Radio Network requests. I'll send in the list on a seperate sheet. You NRCers in WCCo-Land, watch out! The Chi Sox are on the rise! Baseball I caught on weekend 3/4-5, Chi Sox on WWCA-1270, WTAQ-1300, Detroit on Sunday, wJR-760, good signal in daytime. WRVA-1140 s/off MM 3/6 so I tried to catch a newie. Not much luck - 12:15-12:30, a combo of opera w/male signing & Billy Graham or Garner armstreng mixed it up for a while before the opera signal strengthened a bit. WHMA TEST-IDed @ 12:30, but nothing out of the others. Any ideas? Signal was \mathbb{E}/w . A note of appreciation on each issue is due. I really like Datras columns. It nelps out a lot on new IDs. Also Russ Edmunds' great DX Digest is terrific for local signal coverage to distant points. My Domestic Contest points total for stations is over 250. Now to take a slight breather till mail time. Adios Amigos. 73s.

PHILLIPS - X-2 Seminary Village - Louisville, Kentucky - 40207

Congratulations to Bob Foxworth, the winner of the Lash La Rue Whip of the year award. To HQ: Lash LaRue was the most famous c wboy of the late 40s & early 50s era. Latest DX: 2/4- KTUF-1580 s/off @ 8pm after a long try. 2/5-WNRV-990 /on @ 7:45am followed by WOIO-1060 @ 7:50am RS. 2/7- KUPK-TEST-1050 o/u CHUM f om 2:08-2:15. KBTA-1340 r/c ID 2:43, KLEB-1600-TEST from 3:13-3:21. @?L) 2/10- WKJR-1520 RS over frequency @ 6pm. 2/18- WOLD-1330 s/on @ 6 per tip from DX NEWS. 3/1, another Aurora night. WIOD-610 & WQAM-560 ruling their frequencies @ 8:50-9pm. Why is it that Auroras seem to affect the lower ends of the band rather than the high end? There seems to be a drop off around 1200k. Finally, 3/6- KTWA -1550 \ /TEST @ 3:38am. They mentioned several DX calls they had received. Pather than continuing to DX I turned to Barry Farber (AN man on WOR-710 - where he was discussing the important question, "Is Captain Glotz really Archie Bunker's brother?" Other notes: Bill Feidt set new Musing reco.d in 1/29 DX NEWS w/three Musings! Yeah! The reports of Ollie Ross' ground are interesting. It really puzzles me how anyone in California can loga 500w N.Y. station on 1460 every day for a week @ 10 a.m. We can't even log some 50kw stations within 600 miles on a clear channel! Did he know something we don't? Looks like the DX season is about over here. I have noticed that QRN is beginning to pick up, even on cold mornings What ever happened to Pinky Lee? Verie: WOBR. 73.

JOHN HUNT - Pittsburgh, Pennsylvania

I much enjoyed Jerry Starr's article on NSP stations. I want to add another thought. Als are a blessing to the bed-fast also. If you've ever been down at home or in a hospital, those night hours are horribly long if you can't

sleep. But a talk show or music much helps the time to pass. Now I'm not pitching for them all to go NSP, But I consider it essential that at least one ANer can be heard in each area. There, now I feel better. No DX to report. My listening post was dismantled to make room for a bedroom for my sen. Project now is to claim a spot of room in the basement.

ANDY F. MUGC - 15 Inke Breeze Avenue - Pointe Claire 700, Quebec I finally hit the 1,400 verie mark, thanks to WFIR-960 CJTR-1140 & Libya-1124. UJTR's verie says they're NSP. They now run 10kw. day & night. CJTH took eight months to finalize their new pattern, so they appear highly directionalized. They don't have any CMs yet. I don't have much DX to report. I was hoping to get the WBCA-1110-TINF on 2/28, but WBT overwhelmed the channel. At 1:31 I heard EE way u/WET, mentioning "clear ski s outside", probably KFAB. Drat. I was equally been for the WHUM-1240 PoP on 3/4 and spent an hour & 45 minutes trying to dig them out of the mush. I caught ond weak ID C 1:172. The announcer had a soft voice which didn't penetrate the QRM very well. The modulation seemed poor as well. Apparently there were two TTs on 1240 during that period. I jotted down all the idiosineracies of each and sent a report to UHUM hoping that there is some data that they can pin down as definitely being WHUM. PCB DX here has tapered off because I have been out of town a lot. I have been in such exotic places in Quebec as Crattree, Windsor, and Donmacom. Such is the pulp & paper business. When in Quebec City I tried to find Pierre Tremblay in the telephone book, but I didn't remember his address, and there were (' pages of Tremblays in the book. Pierre, the next time I am in Quebec City, I will bring along your address and give you a call. If anyone wants CKVL SCs, sene me an SASE. 73.

ERMEST R. COOPER - 438 East 21 St. - CARRIER ROUTE 56 - Brooklyn, New York, 11226 V/f in from WKKE-1380, and a beautiful glossy folder & v/l from KLUC-1140-TEST, Nevada #6 here, in 38 years of DXing. DX Down the Week: 3/2, I tried for the new semi-local WKMB-1070 @ 5:54pm, but all I heard were two 1070ers w/CRS MX 36, one was WKOK, other probably WMCT. SM 3/5, we try again for WKMB, this time in troad daylight, and whooppee- there he is, 8 8-9 here, MoR, and one commercial heard in 45 minutes of listening - report sent. @ MM 3/6 - I tuned for unn WOCB-1240-TEST, as they are an old friend of DXers, and is a station I listen to often when on vacation on Cape Cod, and have visited. Well, they made it quite well, even topping semi-pest WGBD at times, & I called them, and was surprised to be talking with BPCer Cary Pall, hi, Cary! This ayem, WHM-1050 was off, WABC-770 was on, & I noted unn CKSO-790 on top @ 1:43am. I heard an NTC s/off @ 2:01 on 1350 u/ Wolk - whoziss? CJLM, or is CFOM on here now, ex-1340? There was a TTer atop 1400 all AM. KUPK-150-r/c-TEST didn/t make it, but some TT could be heard 2:14. CHUM was never better (worse??) Surprise in finding CFT3-680 fighting WAPA today, so report on this one, 2:38-3:01am. Then, KIWA-1550-TEST came along, but here, they were cuite weak. Was WCRB-1330 ANing? C1 mx noted on 1330 @ 3:40am, killed off by s/on of WPOW @ 3:50 (QC). They had a piano concerto finishing about 3:47am, then no announcement, and another classical orchestral selection. There was a Weakie testing on 1090 too, IDe @ 3:59, I think I heard KAAY - not sure. Tonight, Thursday 3/9, SSS was all Aurora - Rick Heald called & said likewise but just when I got tuned in to try for some exotic Southern USAs on 1570 - EUTTZ: ZEB-1540 was strong enough to tower over it, & so was WTTI-1530. CUN 7.

DX NEWS is published 32 times a year-weekly during the winter DX season. It is the ONLY magazine in the world that deals exclusively with the hobby of MW DXing-and has been for almost 40 years!

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FOREIGN RATES AVAILABLE: write for details

Greetings! As a new memmer of NRC, this will be me first Musing. To introduce myself, I am 21 years old, single, & am attending college majoring in Electrical Engineering. I hope to specialize in antenna design and communications engineering. I have several old receivers, & the one that I use for my DXing is a Bendix Model 676D, with a very effective built-in loop antenna. Last Summer, I built a frame aerial whose dimensions are about a square meter, & the stand for it is not too good. Its nulling capabilities are fairly good on some of my local stations, although as I write this Musing I am not presently using it. To be honest with you, I've been DXing on & off for about eight years on BCB but also occasionally DX SW, TV, & FM. I am also an ARO; call sign WAIIYD. My recent DX: (all new loggings, w/a couple of exceptions) 2/13-5:38pm, WHUN-1150 u/WCOP & others w/clear ID. 2/20- WHOM-1480 w/a very unusual null achieved on my local WSAR (they're 5kw U-4, and ONE MILE away!). 7pm, WCHS-580 w/ID ay u/WTAG & QHM; CHNC-610 @ 5:25pm w/Pet Clark song in FF O/mess. 5:35, WMBL-740 w/commercial for Morehead City, no CBL yet & WCAS off; 5:54, WGTL 870 w/commercials @ s/off, 6. 2/21- MM, 12:35 new call WMEL-920 heard o/QFM w/rr & WJAR SP. 3:46pm, WKDR-1070 on top of weak mess; 4:47, CJAD-800 w/ads for Montreal & local WEAN-790 sufficiently nulled; 5:18, WNCT-1070 ID briefly, & u/CBA; weak station u/WCBS-880 @ 5:58 w/one rr heard, who? 6:10pm, WRIZ in SS until EE s/off @ 6:15. 6:29, WFII w/SID, rr, until power cut @ 6:30, then CPA-1070. 2/26-4:45pm, saw WAPI-1070 w/NBC program; 5:17, WKAP in WARA null w/rr & ad for Allentown store; 5:34, WESR-1330 just u/WASA w/c/w; my best catch in R. Trinidad-730 w/no Canadian, Cuban, or WJTO. They seemed to have a mixed bag of mx which included a couple of American pop songs. As I end in this report, I find I have logged a total of 374 stations, w/ only 17 veries (only started!), & 12 countries. I will Muse again shortly, as I am enjoying a well-earned vacation from school, & will have more DX to report. 73 & Peace (Welcome to the NRC & Musings, Jim! I have been within one mile of your home, apparently, as I have a slide shot of WSAR's towers! -ERC)

JOHN H. SHANNON - 478 East High Dtreet - Kittanning, Pennsylvania - 16201 Behold, a Musing! Hello gang. A few things to comment on, plus a request for some help prompts this Musing. Firstly, Jerry Starr's article on the station's attitude toward NSP & related matters should be required reading for all, & I think should be included in each New Member Packet. I say this because I am scared by the attitude of some DX rs writing masty letters to stations blasting them for not having a silent period or other such silliness as giving awards for stations having silent periods. If everyone would just sit down and realize that broadcasting is a business, and is a service to the listener, not a tow of DXers, the DXers' attitude toward the stations and vice versa would be greatly improved. After all you wouldn't expect, for example, a restaurant to shut down just so you could use their kitchen to cook a meal for yourself. Remember, WE DX rs are only a very tiny minority compared to the number of Decole a station serves, even in the wee hours of the morning. Secondly, about the NWT controversy, who cares how they are counted, so long as everyone counts them the same. The same about the Carribean islands. It really matters little how they are seperated so long as everyone counts them the same. If there is a good reason for dividing things up, fine, go ahead, but let's not do it just for the sake of being able to say we now have more provinces or more countries logged. Thirdly, re RjE's query on tapes, I count all stations heard, veried & taped, mainly because no one can say to my satisfaction just what constitutes a DX station, or a regular station. In my case, there are perhaps only a dozen stations I could hear during their entire broadcast sked, & that is such a small number, why not count them anyway? Now my request for help. I would like to know where I can get a table of skip angles vs. skip distance for 1, 2, 3, & 4-hop reception, or a formula for figuring same. I am doing some research on my local horizon blocking situation here. Incidentally I have a 3 degree blockage to the W, 7 degrees to the E (from roughly NE to SE), & less than I degree N & C. Pretty bad for Ths. This is Line 30 so no room for DX. 73.

WE WANT TO REMIND YOU ABOUT THE DOUBLE SPACING HEAVEST OF YE ED, AND THE BO LINE LIMIT, 100. GRAMMING IS SYMPT TRUESMY, MINE MAYS REPORT FURLICATION DATE. ESC. ROGER W. WINSOR - 718 North Fremont Road - Valparaiso, Indiana - 46383

Ye Olde Nightowl reporting again, but very meagre results due to Miactivity only. I just can't get up enough enthusiasm to listen during the teek with all the AMers. Since last: 2/21 - Unk Colombian on 745A in good @ midnight w/EE mx; WKSK-1600 N.C. on for r/c-TT 12-12:15, WPCF-1470 Burgaw, S.C. om w/ TT 12:20-12:25 s/off. Super bubble out pest WIS off, two SSes heard, not IDed. Werk TT on 610 @ 12:17 might have been WTOR, but nothing definite, not counted, either. R. Libertad Cadena lacional in Guatemala strong all AM on 770. What is power on this bird, 10kw? KLUC-1140 in beautifully for nice taping, although unn. They could still be copied w/500w PSA. WGFA not on as sked, I understand they came on @ 4. Unn anyway. Just a KRUX/KRYS combination on 1360. 2/28- WIKI-1410 Va. heard on ET 12:21 to 12:28 s/off, KFNY-920 Ia. equal to KARN - yes, KARN down in Little Rock w/heavy rr to lam s/off-SSB. KIKN-1590 Tex. heard on r/c 1:15 -1:30 u/WAKR, no WEEZ, as expected. WSUI-910 Ia. copied @ 1:30 s/off from dreary cl mx, said 7:30am s/on daily, leaving WRNL/WSBA. 3/6- CJRN-710 now a nighttime regular here, equal to WOR at times w/MoR. KIW1-1550 Ia. in absolutely beautifully w/tremendous signal completely o/XEBC or XECUL, whichever it is in Tijuara. Judging by the phone calls, they might have been heard in 49 states at least. I hope the CE doesn't get all discouraged by the flood of reports he'll get. Veries both v/1, one KL B, thanks to Bob Curole, and KKUZ Burlington, Ia. advising me that what I was listening to was a frequency check, after I had stated exactly that in the lwtter, plus additional info as to whether r/c or not. I guess sometimes they don't read what they read. Per a pho e call from an IRCA mrmber, KJAS-1170 Jackon, Mo. has been heard w/ETs after midnight local time. WWVA sure knows how to jazz up a good thing, don't they? CW can't be all that good, hi. 73s. (It's great on DX TESTs, as CW sometimes is all that breaks through -ERC)

MIKE COLLINS - 2021 Main Street - Startford, Connecticut - 16497.

MM 3/6 was kind of disappointing, with few new catches despite good CX. Local powerhouse WHN-1050 signed off @ lam, with the OC off @ 1:35, but all I heard of the KUPK, Carden City, TEST was a TT from about 2:10 to 2:20am. I heard no vocal IDs (there may have been one around 2:12, as the TT cut out for a minute) due to a very strong CHUM, & XEG was also very strong. XEG is the latest st tion making a bid at the truck driving audience with an AN c/w show. Others now include WBAP-820 WWL-870 WSM-650 WHO-1040 & KXEL-1540. I was surprised how many pots XEC had from stops in Texas and even Arkansas. The KIWA-1550 Sheldon, Ia. TEST was heard quite well here, with album cuts & frequent IDs, repeated twice between almost every selection. There was no sign of WCKJ Jackson, which was in well around 1:30am, so they must have been off. (They s/off MMs @ 2 -ERC) Also noteworthy was the fact that KRLD1080 Dallas was in u/ TIC w/a religious program around lam. KRLD used to come in every night back in the 1960s when WTIC signed off @ 1. A real break on 1600 in the NE, w/CJRN Nicgara Falls now on 710 & MUNR, Brook ine, off every night at 12, having dropped HI. Now I can listen to MiRL in pdace after midnight when I want to. I heard WAAM Ann Arbor, one night w/rr u/WWE around 1. t never chases to amazd me how WWIL's signal, so poor in the Metropolitan NYC area at night, is a pest in places like North Carolina and Lidian. By the way, KRLD-1080 is dropping its Contemporary-MoR format and will go wall-towall good mo, and will be the originiating station on the Texas Rangers' BB games this year. Congratulations to ERC on his catch of WERA-1590 Plainfield, N.J. They've never made it here (I'm in the WTEY Waterbury, Conn. .5 mv/m). I know how he must have felt. I still have never heard WBIS-1440 Bristol, Conn. 500 D-1, 38 miles away. 1440 is all WEAB Rabylon, K.I. N.Y. here. 73.

HEARD SINCE LAST ISSUE

"AN" SITUATION

920 KARN Little Rock, ex-KARK 1170 K J A S Jackson, Missouri

920 W G S T MMs, maybe other days too 1600 WUNR S/off nightly @ 12.

TWO MORE WEEKLY ISSUES, AND THEN WE BEGIN TO SLOW THE PACE DOWN FOR THE SUMMER OFF SEASON. DX NEWS PUBLICATION DATES FOR THE REMAINDER OF VOLUME 39 ARE: March 23, April 1, April 15, April 29, May 13, June 3, June 24, July 22, August 26, September 16. And then - we will be QUATROCEMARIANS as we start our 40th YEAR!

30	CALIFORNIA MAJOR LEAGUE BASEBALL METWORKS								
SAN F	RANCISO	XO GIANTS	CALI	FORNIA.	angels	QUILAND ATHLETICS			
580	KMJ I	resno	610	'AVL	Lancaster	630	KIDD	Monterey	
570		Alturas	620	KNGS	Hanford	990	KKIS	Pittsburg	
560		San Fran	71.0	KMPC	Los Angeles	1110	KPOP	Roseville	
600	KVCV	Redding	970	KBIS	Bakersfield	1230	KWG	Stockton	
620		Mt. Shasta		KCHV	Coachella	1270	KBLC	Lakeport	
630	KOH	Reno, Nev.	990	KGUD	Santa Barbara		KNCR	Fortuna	
970	KBEE	Modesto	1230	KWTC	Barstow		KBET	Reno	
980		Eureka	_	KXO	El Centro		KSRO		
1230	KDAC	Ft. Bragg		KLAV	Las Vegas		KCEY		
	KPLY	CrescentCity	1240	KSMA	Santa Maria		KQMS		
	KHSL		1340	KSFE	Needles	1450	KEST	San Fran	
1380	KTOM	Salinas		\mathbf{KFBI}_{i}	Noga les	1510	KIRV	Fresno	
1400	KUKI	Ukiah		KATY	S.L.Obispo		KTIM		
1490	KSYC	Yraka	1400	KTUC	Tucson		KEEN		
1530	KFBK	Sacramento		KVOY	Yume.		KUBA	Yuba City	
			1440			223	KPER	Gilroy	
SAN	DI EGO	PADRES	1450	KPSI			.		
				KPRL		LOS A	NGELES	DODGERS	
	KBLU		1540	? KXTC	Phoenix				
		San Diego				640		Los Angeles	
1490	KI 00	Calexico				620	KTAR	Tucson	
				D-20 0	n mun 14 100	920	KVEC		
		FIAGSHIP STAT				1000	KORK		
		RE HERE - EVI					KGEE		
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					in Mich Ind. &			-	
NEW Y	ORK YAI	IKEES: WMCA-	570, WGY - 810	plus	32 stations in	N.Y.,	Conn.	& Penna.	
TEXAS	RANGE	S (Dallas/For	rt Worth):	KRLD-1	080 plus 25 sta	tions.			

CHICAGO WHITE SOX: WTAQ-1300, WJOL-1340 WIMS-1420 & a dozen others Illind. & Wis-KANSAS CITY ROYALS: KMEZ-980 plus more than 50 others.

MINNESOTA TWINS (Minneapolis/St. Paul): WCCO-830, WHO-1040 plus 44 others.

CHICAGO CUBS: WGN-720 plus ten others in Ill., Ind., & Chio

MONTREAL EXPOS: CFCF-600 (EE), CKAC-730 (FF) plus 23 other FFs in Quebec; plus 2 in Quebec in EE, nine EE in Ontario, and four in N.Y. & Vermont.

NEW YOLK METS: WIN-1050, WNLC-1510, plus more than 30 stations in N.Y. N.J. Conn. Penna. Mass., R.I., Maine & Florida

PHIIADELPHIA PHILLES: WCAU-1210 plus about 20 stations in Pa., N.J. & Delaware

PITTSBURGH PIRATES: KDKA-1020 plus a network of about 15 to 20.

ST. LOUIS CARDINALS: KMOX-1120 plus 120 stations in fourteen mid-west states. ATIANTA BRAVES: WSB-750 plus 63 stations in S.E. (see next page)

CINCINNATI REDLECS - WIM-700, WHAS-840 plus a regional network to be set (What more do vou need, hi?)

HOUSTON ASTROS - MPRC-950 KWKH-1130 WOAI-1200, plus 30 other stations.

All above from Mike Collins. Now here's the full network for the MINNESOTA

VII Spové	irom Mikė Collini.	now, nere s t	ne full networ.	r for one minus	٠
ZUING, pen	t in by Ken Onychuk-		***************************************	D DAVORD	
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	Minnenpolis		KBUH1350		
	Alemandria		10001-1240	Devilo lake	
KBUN-1450	Bemidji		KGPC -1 340	Grafton	
KVBR-1340	Brainerd		KSJB-C00	Jamestown	
KROX-1260	Crookston		KMN:1520	Mayville	
KD LM- 1340	Detroit Lakes		KLPM=1390	Minot	
KDAL-610	Duluth		KEMW-1450	Ereckenridge	
KRAD-1590	East Grand Forks				
KBRF-1250	Fergus Falls		MON	TANA	
KEHG-1430	Fosston		KGCX-1480	Sidney	
KOZY + 11+90	Grand Rapids			Wolf Point	
KV0X-1280					
KMPS-1230	Morris		SOUT	H DAKOTA	
KP: M-1240	Park Rapids		KS 00- 1140	Sioux Falls	
KRWB-1410	Roseau		WIA X-570	Yankton	
KTRF-1230	Thief River Falls		, ,		
KWAD-920	Wa dena		WIS	CONSIN	
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KWNO-1580					
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	Sat.	March	25	W J	ΞJ	1240	Hagerstown, Maryland	1,000/250	U-1	1:00-5:00AM
	Sun.	March	26	w J	ΣJ	1240	Hagerstown, Maryland	1,000/250	U-1	1:00-5:00AM
	Mon.	March	27	W M	M.M	1260	Westport, Connecticut	1,000	D- 3	1:00-1:30AM
			27	ΚI	M M	1150	Papid City, South Dakota	5,000	D-1	3:15-4:15AM
			27	ΚG	RT	570	Las Cruces, New Mexico	5,000	D-1	3:01-4:30AM
	Mon.	April	3	ΚU	PΚ	1050	Garden City, Kansas	5,000	D-3	2:00-2:30AM
			3	M = 2	R D	1490	Johnstown, Pennsylvania	1,000/250	U-1	3:00-3:30AM

WMMM-1260. This frequency check and equipment test will be conducted, using tone. Morse Code IDs, voice IDs, and band music. A tough channel with WEZE WMDR & WWDC on here in the Northeast. Send those reports care of Mr. CLIFFORD MILLS, Chief Engineer. RUSS EDMUNDS

KGRT-570. This time COULD be 2:01-3:30 EST - we're not sure on this; 2:01-3:30 seems likely as that 'o start the test at a minute after midnight MST. WKEN may cut to 500w from 3 to 3:30 to help Hasterners log KGRT! Them will run Toy-40-type music, tones, and voice IDs. Send reports to Mr. Roy Wells, Chief Engineer, KGRT Padio, Box 968 - Ias Cruces, N.M.88001.

KIMM-1150. Chief Angineer Romald N. Hansen, taking office at KIMM, verified an old report for Ernie Cooper & asked if we'd like another TELT, to which an affirmative letter was sent, asking for March 27, 3:15-4:15 a.m., E.S.T. No confirmation has come back from KIMM, however, as of dendline date, March 9th. We asked for band music, tones and Morse Code Im and voice IDs and jingle IDs. Address: Box 2006 Zip 57701. Much Canadian allnighter interference, & WGOW. ZHVIE COOPER

WARD's verie signer is John Lames, C.E. atory on this TEAT in next week's issue. ANYDOM WITH LINES OF STATIONS INCOMPRESSION BASEMAIL, PLEASE SAND IT ALONG! - DO