

VOLUME 32 - NUMBER 24
SEASON 32 WITH LOTS I
MaRCH 13, 1965
"Please renaw my membership in this lub for another year. Enclosed, find cneck for $\$ 4.00$ to cover third class posta $\quad D \mathrm{NEWS}$. Every issue except the two delayed New England deliveries arrived on mondgy AM throughout the year, and all have been a real delight, eagerly awaited for, and thoroughly digested. It has added immena enjoyment to a hobby I have followed for almost 30 years and really regret not sharing in this wonderful organization years ago. My sincere personal thanks to the officere and the contributing members for their part, but especially to you leaders who have contributed so much of yourselves to make the NRC what it is today.
-Curtis A. Engberg, Wayland, Massachusetts.


K O W H - Ernest Wesolowski notifies us to be on the watch for KOWH on an ETI af ter 1 a.in., EST, on one morning between $3 / 9 \& 3 / 20$. The most likely date will be :onday $3 / 15$, but we are afraid this notification will be too late for many of us. However, watch 660 for KOW's test. Ernest tells us KOWH will have a new Chi of Engineer starting 3/21.

KFRM - This is to inform the NRC members of KFBiris Special Test program on tionday, Earch 22, 1965. Tae test wall be conducted by the station's Chief Engineer, Les Svoboda, and all $r$ eports shoild be sent to him at this address: Les Stoboda, C.E., KFRM, Box 1188, Salina, Kancas. The test will run from 2:303:00 a.m. CST ( $3: 30-4 \mathrm{EST}$ ) and will consist of a mixture of Test Tones and
 Giant" will verify all correct reports in wicl return postage is enclosed." Interference on 550 may be expected from une cuban, \& WKRC. WGR has just ended ite 24 -hour operation, happily. Our thamks to lir. Svoboda for information, and we hope everyboly hears this special test. SAM JOFI

Your host - JOHN SAMPSON, 23 Terrence Terrace, Freehold, New Jersey - 077ק8. It's a Sunday afternoon, lads, but John asks EVEFYBODY planning to come to write hind PLEASE!

Pfe P.E.Crocker - 2098531, USMC - HFil Co., 2nd Rn - 8 th Marines - FPO NY NX 09501 2/16- WINS-1010 was the best from NYC wino sign of WABC-770. GJLH-800 on top at 8:45p W/QRM from PJB. At 9:3 qum WAM-1470 Me. in good w/comercial \& local BRB game, heavy QRM but fading in \& out AN. Best catch as far as only 15 miles from my hame town. 2/17-WAVY-1350 Va. w/heary QRV. Possible CKEN- 1000 N.S. but not positive. Vocill-590 from 8-10pm, weak, but very clear. Possible FPDQ-600 as heard aacksonville mentioned but no ID. WFAA-820 w/fair signal at $8: 13 \mathrm{pm} \&$ several IDS. Is C-w-970 Frederickion N.B. on the air yet \& if so, what are their calls? $2 / 18-V 00 M-590$ in, good signal. CBN-640 in at 7:35pm w/good signal \& QRN. WWRL-1600 still coming in fairly strong which surprises me. I've tried for the last two years to hear them in Maine but no luck. Heard WGAN-560 again w/ Maine NX \& ID © 9pm. 2/19- dbout 2, 200 miles out. I heard a station s/off 11:46m on 1090 from England wich would make it 5:46 EST. Probably England on 1088. Said they fon at 6:35 (Sat. AM). I heard several EE Elropeans but no IDs, FINS-1010 still coming w/good signals. 2/20.. At 7:30 heard a station $\mathbb{D D}$ ing as Redio Noscow-990-1000 kc/s, possibly Moldavia on 998. I plan to check it out some more. I heard a station u/o WCAU- 1210 but unID. Station on 1220 sounded like an Arabic. ficy other Tas that will be worked nightly \& I nope to get a few IDs. Thie transistor is no good for split frequency stations but I still keep trying. WINS-101C in good along w WQXR-1560 w/weak signal. NEAL-1090 \& KDKA-1020, much-QEM $1 / 0 \mathrm{KDKA}$. Also WWI-870 in w/a good signal. Well, that's about it for this $t \mathrm{me}$. DX far better than I expected out here $2,500 \mathrm{miles}$ from nowhere. Very surprised $w / 5 \mathrm{kw}$ catches from NY, NJ, Mass \& especially Maind. I still hope to hear the station fromp Eurpe if I'm lucky, I'll close for noe \& hope to report again soon w/some TAs. 73a \& best DX, Fred Nordquist - $2^{718}$ East 10 Street - Tulsai, Oklahoma - 74104
Snow has hit Oklahome \& it'e time for another pusing. Dì has been fair in Mm Okla. w/ two new countries heard: 2/23- PJB-800 at $9: 30$ in strong o/XELO \& CKLV. 2/25-TGJ-880 w/frequent IDs, ID 10 mm . A few veries in: $\nabla / \mathrm{C}-\mathrm{WJR}-760$ WHAS-840 \& WNBC-6 60 . $\nabla / 1-\mathrm{KFI}$ 640 KOMA-1520 KQEO-920 \& KUOA-1290 (KUOA-FM will go MX soon). With KVOO KAKC KELO KOME \& KRifig AN except Midnight to 5am Mis, things look bleak around those frequencies. Latest DX: 2/20- WKRN-570 in the clear 2-2:15am; WHB/WOR-710 hashing it out 2:24an; KNBR-680 overtaking everything 2:33-3am; WXIZ-1270 in good w/some fading 3:20-3:40am; WCLS-1580 dorcinant at 3:45-4:03am; CKLW-800 hetroined by LA 4:03-4:40am, \& hit the sack thereffter . 2/21- KSOK-1280 3rm; KGYN-1220 7:24-7:30in EST; then I went to church. 2/22- WCBS-880 w/discussion program 7:53pru bugged by TGJ; WCAU-1210 in strong \& WHAM-1180 w/ KVOO sade band trash at 8:10pri. Even WBZ-1030 made it at $9: 30 \mathrm{~mm}$ o/hetrodyning south of the border. 2/23. A new one heard was KNBI-1530 7pm to s/off; PJB-800 in like a chemp 9:30-10pm (Dr. Paul A. Freed's missionary station); sending report to them. 2/26- VCES-880 in clear this time, logged 10:22-1);59 pm; TGJ-880 ID at 11 mm (right u/my noso). Reports sent to KNBR WXYZ YCLS \& WKBN. That's all - happy DX! Rich Heald - Box 521 - San Leandro, California - 94577
EDIA-1310 Oakland, plans to go to 5kw. between $4 / 1 \& 4 / 15$. They will use tiree towers aligned $75^{\circ}$. true $N$ \& will be directional mostly 7 to San Francisco w/increased power N to Marin CO., \& SW to San wateo Co. They will be nulled to the E to protect KCRA1320 Sacramento. CE tells me thoy plan to start teating in about two weeks. CE also tells me that KiIX Twin Falls, Iaho has been interfering w/KDIA's coverage area when KLIX s/on every AM. KDIA has a complaint before the Commission on this. If the FCC awards megthtsaxforaxx the complaint to KDIA, KLIX will have to use nightime power \& pattern when they s/on until sunrise. Take wy word for it, KLIX really does come through at this QTH, \& KDIA is only ten miles away. KABL-960 is still lkw. 73s. Ronald J. Jhsco - 124 Park Avenue - Windser, Connecticut - 06095
DX has been good but no veries in for a few days. 2/27-WIL1-1400 Willimantic, Corm. through WPOPts sidebands for Conn. H31. Heard between 2:30 \& 3:30 pm at S-7. Tien I heard WHWB, Rutlard, Vt. s/off at 5:30pm for \#5 from that atate. 3/1- KSTP-1500, St. Paul, Minn. 7338 heard from $3: 21$ to $3: 55 \mathrm{sm}$. WRDW-1480. Augusts on ET/M from $3: 37$ to 4 am. WGUS-1380, North Augusta, S.C. from 4-4:30. WSVA-550, Harrisonburg, Va. 5:29 to 5:50, amounced they QSL 100\%. WHSL-1490 Wilmington, N.C. at approximately 5:15; then WDNC-620, Durham, N.C. s/on at 4:55. Last but not least Wiwn s/on over the Nova Scotian at Gam, \& then murdered by WCFL-1000 s/on, where they were heard faintly, underneath. Veries number $234 \mathrm{w} /$ reports out to WFDW WGUS WHWN WSVA \& KSTP. 73. AS THEY SAY IM ST. JOSEPH D'ALMA, QUE., "GFGI." "GEDARRAPIDS FOR a GOOD THE!" which brings my logging total to 295. Veries not too bad consilering how many were sent out: VLBR CJCB KNBR WEZE (ffrom a Nov. report, hi) WIOD \& a friendly $V / I$ from WMTS which red, "Fric, I too am surprised that we got in under the blanket of WGY. You are only the second QSLer to report from N.Y. State, \& we are grateful for your interest." This is what I call a friendiy station. If I was the second to report, who was the first? Probably another NECer, hi. If so, speak or forever hold your peace! Hi. The letter went on, to verify, etc. They enclosed a real nice plastic Coaft of Arns, that sticks on a windshield, glass, or plastic. Ild call WinTS a pretty gocd catch u/ WGY. Hmm, maybe WGY nad XR trouble \& Were muning lees than nortall on well, so much for that. In looking back through some back iosues of DX NWNS, many members wanted to know if the $\mathrm{HR}-30$ is a good EX . It is, but it is no longer the $\mathrm{HE}-30$. They changed the capinet to look better, hi, \& now call it the HA-230, which is the RX hera. I'd recomend $i t$ as better than an $\mathrm{S}-120$, or an $\mathrm{HE}-40$, but that's only my opinion. It's worked for me. Which bringe up something else. I have been thinking of saving up for an HQ-180A, brit $\%$ foy income it will take about a year \& a half of saving, hi. That just about wraps it up so all you Joey Reynolds fans \& everyone else, 73 s \& $10-7 . \mathrm{C}$ U. Rick arr - 743 Danloggin Road - Ellicott City, Mary Iand - 21043
Past two issues of DX NEWS have arrived on Sat. instead of the traditional Mond. Not bad at all I would say: DXhere is very slow but I will reportmy four new ones of late anyway. 2/14-WTTC-1550 Pa. s/off e $5: 44 \mathrm{pm}$. I heard the call letters soveral times durine s/off proceedure as well as frequency \& power, then complete fade out so don't know whether or not they played SSB a mimute or so later. 2/16-CHFI-1540 Ont, s/off in EE 5:43pm; WHYE-910 Va. © 5:40pm w/ID \& WX; WCPE-940 Miss, w/ID \& $5: 48 \mathrm{pm} \&$ cormercial w/frequent mention of Houston, the town in which WCPC is located. Here now are my recent veries: $\nabla / 1-K R D S-1190$ for my first Ariz.; OW I. R.Drumond sent mevery thing but his blonde secretary, hi). v/f- WVMT-620 formy first Vt, \& KONA-1520 for my first Dkla, verie. Ron Schatz: Is WWBR-1460 in Jacksonville on CBS or FifS? Steve Wainstein: Is WHJB-620 in Greensburg at $1,000 / 500$ or 2,000 both $D \& N$ ? Dave Schmidt: Yes, there is a station onl050 serving the Washington D.C. Metropolitan area. It is WQRR, operates daytime only $w / 1,000 \mathrm{w}$, \& is licensed to Silver Spring, Md., a Vontgomery Co., Md. suburb of D.C. ERC: To answer your question about the unbuilt Baltimore station, WMEW which will supposedly be put on 940 , it is still unbuilt \& probably will not be on for a long long while yet. Calls give me the impression it will be a NN rr station. Dick Cooper: If NRC dues go up to $\$ 5$, so what? I feel that being a member of this great Club is worth every penny of that! That's my opinion! Total logged now stands at 639. That's DX for now. C U in 14, \& until then stick w/the "All Amerzans" (especially you, Jerry Peterson, hi).

Frani: E. Curran - 314 West Wayne Avenue - Wayne, Penney 1 vania - 19087
Still looking for Radio Antilles Montserrat but they haven't started testing yet. The only veries of ary note are BRC-1214, st. Pierre-1375, \& after oons of waiting, WERT w/ v/l \& CM. Now to Sound off a bit. A sinple solution to the verie situation: Just recruit an 172 cma mer within eicn station such as Rick marr at WFBR. So whit il the membership dues are increased to $\$ 5$ ? Just remember you get 34 issues \& plenty of DX Speclais \& info for that measiy $\$ 5$. Does anyone have any info, schemetic or operation-wise for the EC-22l Frequency Noter? How about you, Gordon Nelson? I spent the past two weeks rebuilaing the meter itself using the basie schematic in TM 11-654 which is the basic practical circuit for this particular unit. The complete outfit consists of a BC-2el-AF Fraquency Meter, BC-221-AH Case, RA-1339A Rect. Power Unit \& Calibration Book from an SCR-2il-Q so you can see the Units are from different types of Frequency heters. Questions: The bague info I have frcm two sources lists the accuzacy at $0.01 \%$ or plus or mirus 500 cycles \& 300 cycles. Whic is correct And what modifications if any can be made in the circuit for more accuracy especially in the BCB range? All I have to do now is recalibrate the meter \& list the new dial settings in the calibration book \& get some info on the correct operation. I don't believe I ever mentioned it before but the majority of my stateside military service which was about $11 / 2$ years out of over six was spent at Ft. Monmouth, NJ attending the Frequency Propagation Course which Jim Lee is not going through \& the Radar Repair Course. While there I confiscated all but two of the Electronic Fundamental Series TM 11 Series \& all the Sms pertaining to Frequency Predjction \& Wave Propagation. Anvone neding any info in this field just drop 4 line. Cood DX to all 173 .

Reception CX have been rather poor in this area for the past three weeks. Also, a new "man-made" noise item has reappeared in this area. I do hope that it can be run down, and soon, too: By the way, in a reply from the office of the U.S. Goverment Printing Office I was informed that the $3 / 1 / 63$ edition of "Broadcasting Stations of the World" was the latest issue \& they have no info as to the date of the next issue. I wonder if the publisher of WRH ever thought of publishing this book furing July \& August and have it up to date and available for the DX season that starts in September? By the time you get it now the DX season has only a month or two to go. Last wesk I was able to get 40 NRC Award Certificates into the mail to various members. I hope to do the same this week. I should know members' reactions in a short time. For those who sent stamps, thank you very much! I believe that all of you will agree that Dick Cooper did a fine printing job.

Greg Jones - 5\%6 Radcliffe Averue - Pacific Palisades, California - $902^{7 / 2}$
Well, hello again! Lots of DX here: 12/6-KKAR-1220 a $1: 25 \mathrm{pm}$; KHOW-630 11:25m. MM 12/7-KDEN-8CO 3 3:01 w/f/c; KYMN-1520e 3:15w/NRC DX; ZLEI-1130@3:29; KONO-860@ 3:50; KPAT-1400 © 4:00; KFOW 1460 e 4;02 w/TEST; CFAX-1070 © 4:14, had phone call from a DXer in Santa Barbare; KXHL-1540 © 4:30; KVOO-1170 © 4:36; KFQD-730 a 4;40. Who has TT on 650 Rili, WSMP (Yes, often -ERC) QIEM-580 3 4:50am. 12/a-KYOS-1480 © $8: 15 \mathrm{~mm}$; KOH-630 $08: 25$; XEQR-1030 $9: 55$; KOVO-960 $\uparrow$ 10 pm ; WBEM-780 e 10:05; KCPX-1320 © 10:20; KGMS-1380 $-10: 30$. $12 / 9$ - IBIS-970 12:12am; KIDO-630 a $12: 31$; KFAX-1100 $29: 30 \mathrm{am}$; CRR-1010 9:35; KSRO-1350 9 9:41; KSEN-1380 9:43. MM 12/14- CJOR-600 3:05; KLYQ980 3:20 W / / C ; KINN-950 e 3:30; NGY-810 3:32; KYNO-1300 2 3542; KTIP-1450 \% 4:05; KYRE-1460 $\approx 4: C 9 \mathrm{w} / \mathrm{NRC}$ TEST; KSEL 950 0 4:30. 12/16-KOWN-1450 8 8:45pm; KERN-1410 @ 8:50; CKLG-rizo e 9:00 o/XEX: 12/18. KAFM-1430 e 10:01km. 12/19- KHSL-1290 〕1:10am; KSTN-1420 e $1: 15$; X XXX-1420 © $1: 16$; WNBC-660 e $1: 35$; KGEM-1140 e 1:40; KDOT-1440 © 8:20 am; KXOA-1470 Q $8: 33$; KDAB- 1550 e 8:40; KTFI-1270 空 $8: 50$; KCJH-1280 s/on at $8: 55$; KGEN$12 \% 0 \mathrm{~s} / \mathrm{on}$ at 9am; KLIV-1590 9 9:11; KTRB-860 9:39 u/XENO; KVEC-920 9 9:30. KONG-1400

 from 12/27 to $2 / 23$, I'm ashemped! ) KREO-1400 2 10:40pm KDXU-1450 10:45. 2/25-KKOK -1410 a $9: 35 \mathrm{sm}$, and $2 / 26$, I heard KBIG-740. They have changed call letters from KGIM. I will DX much more in the future, I hope. Totals: 245/30; states 32/10; countries 12/ 5. Oh well! I would like to play chess by mail w/anyone of my ability (poor). 73. Flash - late news - KBOI-950 5kw. has been given permission to go to $670 \mathrm{ko} / \mathrm{s}$. 50kw.D \& 25 kw . N. aybe some of you can log Idaho now.

Ross Hansch - 302 East Dean Avenue - Wadison, Wisconsin - 53716
Fof Willis Lewis, Nashville, on WKOK-1070, who, I assume is WKOW. FiKOW-1070 and IBA1310 are very difficult to $I D$ except to the $N$, both operate an exact Gam tolan sked, no SSB, w/seldom a deviation (election or similar event), both directional N , both $5 \mathrm{kw} . \mathrm{N}$, WKOW-1Okw. D partial DA, both protect Indianapolis in particular. 1070 in Nashville looks great on the map, 50 kw . stations in three directions a couple mandred miles away! Strange to say, at Kenora Ontario last summer we listened to each etation aimost every night for three weeks, WKOW usually clear but WIBA given fits by KNOX Grand Forks N.D. It would be possible to arrange a test program on either station if there is sufficient interest. April may be a good month for their s/off as DST does not tart in Wisconsin till $4 / 25$, and believe a month earlier in much of the E. Little activity here, ignored MM $2 / 22$ in favor of sleop after working till midnight Fri. Sat. Sun. and $3 / 1$ static, still wondering how to hear N.H. \&Wyo. See nothing wrong with upping ante to five bucks, gotta have a few pennies to play with, it's only money. C U in C R.

Dave Scmiat - 44 Green Lane - Green Riage - Cnoster, Pennsylvania - 19014 No new veries this week, but I did stay up if of $3 / 1$ which really surprising results showed up. I dia catch WJR WZKY WEEZ WFAA VBBM WSM WPEN WAMS WPAZ WMEX \& WTUX all TTIng. Ones that were off were WCFI WABC WNBC WINS EYW KDEA WHAT WLAO WCAU WECV \& WGN. S/of fs that I caught were FBZ KDKA WOWO WKB \& KOMA. Reports out this week to WMBC WASA WVOK PCKI WKDN WCBS WRC WKAP WJI-test WZKY-test WMEX-test WPEN-test KOMA-s/off WBUX WTM TYTAM \& WPHB. I don't have any thing to say about the prices going up because everything alise is. No now news on WEJT because they haven't been on since last week. Still Eam asking if anyone wants my WPE QSL or my extra WOWO. No return postage is necessary because I'm kind to other NRC members, hi. Kell, it looks like anotirer ghort Musigg like it was when I first started. See you again in about two or three weoks. 73 s LATE NEWS FROM ANDY RUGG AND THE CANADIAN DX CLUB: CJFP 7,400 Riviere du Loup, Quebec is AN CBC network station. CJP is unmanned early a.m. hours hence no call letters.

I guess I'm one of those once-a-year reporters, but I really do not have anything to report. I haven't done any BCB DXing for so long row, I don't know whe ther I ${ }^{\prime}$ d know how to go about it. However, I'll never let my membership lapse, because I look forward to receiving the DX NEWS every Monday, and read just about overy word of it. What prompts me to write now is a reply to Sheldon Milleris letter in the $2 / 13$ DX NWWS about KFQD may be the first U.S. .station to get over 50,000 watts. The old timers will well remember W8x0 (a WIW experimental call) in Cincinnati, operating on BCB, in the wee small hours of 1940-41, w/half a million watts! And, also W9XC Nitchelville, Iowa, in 1942, w/150,000 watts! Most of the later DXers will not remember all of these smateurtype calls which were used on the BCB arouni thits period, and previously, particularly W1XBS (now WBEY). W2XR (now WQXR) WGXAI (now KPMC) and WOXBY (which became KXBY far a short tirs). And how about KP2XZG New York, which used these calis in 1950, $\because / 50,000$ watts? If you need sdme space to fill up these pages during thi ecoming Sumiter, I'd like to send along an article on "Reminiscing with sode old-Timers" which would make some of the current DXers' mouths water! Think of the good old days when $10 \& 15$ watters from Texas \& Oregon were received all over the continent, \& there were very few ANs on. Keep up the good, work - I'll follow it religiously.

Wayne Plunkett - 124 John Street - Weston, Ontario
Latest DX comprised the following: 2/15-C.BC mx on 540 e $2: 25$ so presume CBI as per Steve. Weinstein; WAKR-1590 noted off AN "Night. Watch" until past 4 am but absolutely nothing readable on the frequency - arent. KYOX \& KETO on at this time, for at least two stations? WINX- 1600 w/ ashington $W X$ u /MwR ; CFAC-960-DX tough to read u/ZFBI who have appeared again w/their "Calypso Time". CFAC had Seatle records around 3:15. Who had TT on 1260 u/TMDR, $3: 36$ ? a real goodie, CJNA-1240-DX made it briefly w/hockey scores at $3: 38$, QRM from WBIR-1240 r/c was excrutiating, WBAX, WROV \& also possibly needed. WIST provided the rest of the oppostion; nope you all neard \& entered WHYN-560's Easter Bunny Contest! None of the other DXes made it - no CHAT-1270, just SS \& MII at times. 2/IS-Either WPKY or WZKY-1580 b/Cff 6:30, which one? Listening nil until 2/22 Still after decent log on KLi/S-1480 r/c-TT, started at 1:30 but no ID heard. At 1:32, heard WAKR saying "we are leaving the air temporarily"; noted back on at 3:32 but nothing loggable again on 1590 in this period; WOAI-1200 ST during part of Ecuador DX sked time; who has Billy Grahem on 920 between 1:45-1:5Camf WCOP-1150 logged at 1:51 g/off \& then heard again 3:18-3:31 w/ little talk; TTs on $11701280 \& 1460$ just before 2am. I heard mention of Colorado on 920 at 2:05, KEEX or KINR. No KGMM-1470-TEST, just the "Yawn Patrol"; KVOO-1170 still on at 2:21 \& mentioning 40 years old; TT on 680 mixed w/ KNER, $2: 33$; SS on $1470 \mathrm{u} / \mathrm{MNBD}$, XESM? WHHL-1440 ET ID $2: 47$ to toturn at 7am; didn't answer for Oct. ET 80 another sent. One brief ID from long needed EEWI-1440 at 2:49; log on CRZ 21480 2:59-3:04, actually IDed 3 \& 3:03! WGLC-1090 ET in good for $\log , 3: 06$ 3:27 w/only QRM here from CHOM image; no ZFBI this AM, just KABL-960. CFAIm-1290-DX had cl mx of all things - Radio Southern Manitoba had no less than Concerto in F Najor, Opus 4, \#4 starting at $3: 36$, well u/ANe moat of the time. Couldn't pull anytining definte through on CHSTM-1250 due to WRYT. 2/26, day after worst Toronto snowstom since 144: WRIN-1560 anouncing AN due to mergency CX so eas ily boged offon $1: 12-2: 04$;CBL off as it seezs to be once every fow months; CKDM-730 thus very clear. On 740, SS atop W/KRMG under at times; spotty log on another daytimer "authorized by the FCC to remain on the air throughont the night" WERB-1090 rough u/WBAL/KAAY around 1:30-1:35; WSAO1550 ID $f / c$ 1:57. 2/E7-KKJO-1550 clear through CBE of 7 mm . Three veries in past week, two notable: CJWA-1240 v/c says mine first \& only report receäved so far on DX, only other report they've ever had outside nomal area fromiattawa, Ont. KYND-1580 v/1. 73. Sialdon Miller - 84080 Street - Miami Beach, Florida - 33141.
Not too much naw DX to report. $3 / 1$, MMT had worst CX I've ever seen, Vinter or Sumer. On 2/28, logeed WINX-1600 Rockville, Ma. on AN show u/jarmer. Finally IDed ZYK30-1560; amazingly regular for low power at such a distance. XERX-1500 Radio Salamanca, s/off © 11 mm for new one. The SS u/mGLC- 1090 was CX28; they were $5-9$ here, so only a few details on FCIC. The IRCA DX from LS5-630 made it weaki shly, no CFCY in evidence, HJNT1490 logged AT O.all domestics $2 / 27$ for first SA graveyarder, "La Voz del Paraiso." In other notes, Foloj Nacional-1200 is now on 1210; YNLL-1050 Masay a, Nicaragua now putting in a strong signal on $1057 \mathrm{ke} / \mathrm{s}$. Howeum FVCG's How to 10 kw . on 1080 has rever come through from Seabrooke? Cnarge those VJ Logs if. you naven't done so! 73s, and "C'mooooon down! siami in 566!
"Seas on 20, whots of Plenty," for me, from NRC. (took ERC"s.) I has been a pleasure and no regret, for only nice people I've met; got the best DX info \& do it yet. A silent tribute to my departed friends, Wagner, Reilley, Batson, Nittler \& Seth. Ly time has not come yet, \& I've got to "blow stean" for no-verie yet. Anyway, all of NRC "Top Brass" are doing their best for a DX NEWS that can't be beat. I hope to have the pleasure w/WRC for a long time \& greatly enjoy the bulletins, but I still don't like Castro! Here in Buffalo, WGR-550 got "economy" and six help got the "go" \& off ANing beginning $3 / 7$. Sked will be 6-lan daily. Phonad CE of WMIJ- 1300 "may lave a Pop or bi-annual test some night in last Summer, as $f / c$ is during FS ." Lee Foster, CJ, has a c/w mx 6:30am program after SSB s/on - you may haar. Cick: "Bulldog" in OK. WKRM may get EC QRM undess MM ie silont peri od for new $\mathbb{F J A R - 9 2 0 ~ A N . ~ ( I t ~ i s , ~ R a l p h ~ - E R C ) ~ C E M - ~}$ 940 on $3 / 4 \propto 2: 55 a m$ had some XRQ, then 3 am CEC NX \& s/off saying "Tune CBF-690 for next hour as CBM will do maintenance." They $0 C / M^{\prime}$ ed only half bour \& I heard WINZ \& ?. At 4 am the CBC.NX (no ID) \& CBC progrem. 920 had WJAE top/ANing \& mentioned it baing regular. 700 had WLW W/SSB (e) 5am, follwod by NX (copying KFI?) 5:02 he said "This is WNAC Eoston." 1490 TTer e $5: 14$ sounded "Texas" \& $5: 28$ SSB \& WBEX Chillicothe 0 s/on. 3/5, \& Chillicothe 0 . on 1350 , WCHI $S S B$ s/an 5 : 28 . WNVA Norton, Va. a $5: 37$. Earlier, r/c-TT WMH Marshall N.C. late 3:15-3:31 end to return RS $5: 30$. WENS/WNBR ANS poorer QRM: WERE-1300 ANer got some WABC ANing. 810 has an SSer \& VGI returned RS 2 4:59 (Friday An df). $\quad / 6-\mathrm{Ky}$. Mien. Sat. f/es \& WPRT-960 f/c-TT through CHNS AN 4:304:44. On 1150 ( $4: 59$, SSB \& a $W$ station (WDEL maybe), CKOC ANer no help; my WCHI-1350 came SSB © 5:33 and "Day by Day w.Jesus", then WNVA also a little ate 5:37am s/on talk followed by SSB. I got a miniature v/1 for $1 / 25$ TEST by WENG-1530, Box 9C8, Englewcod, Fla. \& an "Openting 11/15/64" flyer. $73 \& C U 3 / 20$ with plenty!

William Ochs - 155 Prospect Place - Pearl River, New Yorik - 10955
DX really slowed down here. $3 / 1$ was a wasto of time w/only one now atation, WHHN-620, 2:30-2:37ann. 2/28 brought three new stations, WBIC-540 5-5:35pm; WPRO-630 11:20-11:31 mm; WEOK-1390 4:30-4:45pm. Veries really slowed down to a standstill as I didnt receive ore, although I have l3 lettere somewhere inthe mail. I found out sorething -XERF-1570, Del Rio, Tex. nas an output of $250,000 \mathrm{w}$. I thought the ceiling for a U.S. station was 50,000 . but I guess not. (XERF is licensed by Mexico in Nuevo Laredo ERC) Tad all of you using a Hallicrafters S-120, don't junk it. I have got groat resulte by attgching a pair of television ears to the radio and it clears most of the slopover from other stations here. Tisis is Jirected mainly to Joff Cantor. 73. Stan Morse - Route 3 - Eradfori, Massachusetts - 01832
Veries, indefinite form from Khow, also printed form from FERT w/CM. Verie on file card from Whac; took an SASf to get that. And WKBX-1500 Winston-Salem, N. C. sent a v/q a rete card - at least it's better than nothing on fourth try \& SASF. 2/28- I tried for Erniet $\mathrm{g}_{\mathrm{g}}$ tip on WCAY-620 at Gam. WATE ontop but second station was unn WFT, Wichita Falls, Tex. No sign of anyone olso to $6: 30$. FHAY-910 still using this call at
 for WSEM, but as both are c/w I can see it would be difficult. WSME also noted sarliel on $1220,6: 45 a m$ in the clear. $3 / 1-$ WHOW-1520 Clinton, Ill. test $c / w 1: 25$. WIRD-1390 Rocky Nount IN.C. IT 1:30am. HJBI-840 "Ondas del Cariben Santa inaeta, colombia AN, copied 2:49-3:08 am.

Pete Moorso - 216 White Street - Lunonburg, Massachusetts - 01462
Veries since last Inse are: CHEX-980 CHUM-1050 WDNV-540 CJSS-1220, state \#26 ICPC-940, \& finally after four months \& an SASE ZEMil w/a postcard type QSE. Log ings frore thellw of 2/22 are: KSTP-1500 I: 45 sam (state \#27) ; a pleasant surprise, WIDD-15 20 testing e 12:52am w/an excellent signal o/KOMA. Still no Caroline here! Finally I got a iexican for country \#10, XEB-1220 a l2:19am w/a good signal. Ed Semrad, what is the address of padio Emperador-840 - it would be much appreciated. 73 e $\&$ best of DX to all.

David Gnauck - 444 Old Hook Road - Westwood, New Jersey - 07675
Totals: 509/736, 46/46. DX: 2/27-WTUX-1230 s/off 5:30pm. 3/1- Radio Wionte Carlo1466 RS 12:25-12:50 w/mx; KELI-1430 $\mathrm{ET} \mathrm{w} / \mathrm{rr}$ 2:20-2:35; KBOX w/WRD off 3:27-3:48 RS w/ rT; WNEL-1430, RS s/on 4-4:09 w/LA mx in SS \& ER; WJJJ-1250 RS s/on 4:58-5:07 $\mathrm{w} / \mathrm{c} / \mathrm{w}$ for call change; FMUU-1260, RS s/on 5:00 w/hymn -5:03. I think also heard was WFTC-960, KVSH-940, KYEN-1460 but these must wait. Veries: KELO (45) CBNE WFBM CKBR KDHI YYMR1390 WTUX MEMG. Contest points: 197 \& 25 in Letterama. Question: Does EYS $1-1460$ have religious program to Zam shff? Question: Would condensed Musings be worth it? OUR THANKS TO ANDY RUGG FOR DATA BOTTOM PAGE 4, COURTESY CANADIAN DX CLUB. (Re CJFP) high winds, the stom choked off all roads in the area, \& we're snowbound! We11, I finally got my wish, hi. (No school today, tomorrow). Foreign DX has nearly been exceeding the domestic DX by number of catches since $1 / 11$, in fact the count is 13 domestics to 12 foreigners, counting KHAI-1090 as both. Foreign DX all appears in Callarman ${ }_{s}$ section, w/catches lise 4RK-840, KHAI 2NA-151U PRI $3-880$ among otners. Domestic DX includes: SSS: KCIJ-980, KIXI-1040, KWRG-1500 WMLF-1230 fone of my very few successful SSS IDs on graveyard channels), KFEQ-680. When KFEQ was heard, all other St. Joe stations were coming in too: सKJO-1550 o/CEE, \& KJSN-1270 o/MXYZ/KADL. Day time groundwave: WKFR-1400 (w/K, Butterfield out), WMRR-1540, WHON-930, WERK-990 (new Muncie Ind., anyone knov their power?) ( 250 w. - EEC), WVIC-730. Because of WMGS, I zever thought I'd be able to hear mUIC, but I did, hi. Other DX: ETAR-620 s/off 2:59 on 2/ 19 (I mistook it for WTMJ because it was so strong), KHAX-1090 heard 4-4:05 on iN/ $2 / 15$ o/CX28 \& CBLK. Veries: v/1. 2 $20 \mathrm{~N}=630$ RTF-836 KDWA-14 $60 \mathrm{KFOW}-1460$. v/c- BBC-647. $7 /$ R KPDN-1340. A big welcome to DXer/DJ Paul Cannon of Keener 13! I hope to see your Musings whanever possible, Paul. I may be moeting him in a week. Let's ada a new ab-i breviation to our v/s list: "d", meaning that the report was verified in DX MWNS (see IDXD, $1 / 23, u / 40 N-630$ verie). That's for editors who verify reports of reception within these pages, hi. I tope that all you DXers out there have been snagging some nice ones, as the CX are great. Trat's about all here 3073 s \& good DX.SCing to everybody. Ken Butterfiela - 634 Artmar Street - plymouth, Michigan - 48170
DX hasn't boen much lately but some wanted veries came in. DX is as follows: 2/24-WMAN-1400 5:18pm (I turned of the AVC/QGC \& WJLB, the local station on 1400, is all garbled \& copy is possible on WMANin the background, why?). WRIN-1560 5:46pm. WBCK$9305: 55 \mathrm{pm}$. 2/27- FFU0-850 $7: 30 \mathrm{~mm}$ s/off. 2/28-WAIT-820, 5:51kn. Veries are as follows: v/1- WSYB f/up, CKCR f/up, KEEN WRIT (w/CM \& two SCs) (sorry, F.M.'s got them), KLON KTILA BEC-1CB8 (spocifying Droitwich \& sent on a aerogram) \& finally \& best of all, RTF-1205 for first FF station verified. v/q- WFBR WFAR wLSV f/ Hp \& WPAL $f /$ up. Latest covintries totals stand at $34 / 17$ and to tal (totals??) stand at $773 / 681$. I hage sent a rash of $f /$ ups out to the following stations: WATM WTC FRNG-dx KITT-dx MESR CFOX CHOW WRDN WLAQ WJET WSLM THOV WMRO KGBS KSEL WPET WBER-dx CJGX TTXW WBBB CHMO WRYN WMTS ETSS \& WIBS-695. It should produce at least 15 or 20 veries within tho weeks. No Iuck on report to YSS-655 so will sent arother new report soon $2 / a$ bunch of stamps enclosed so they'll probably verify then. 73 \& will see all, I hope, in 7. Joe Breuner - Route 1-Box 61 - Funxsutawney, Pennsy五x nia - $1576^{\prime \prime}$ About time we reported on what's happened here this DX season. Starting the new "DX Yeart on $4 / 1 / 64$ with 4,719 in the 10 g , we now have 4,830 , a gain of 101 . Hot very much for 12 months, but satzsfactory. As usual foreign catches nave been few. quite a few now calls have come vaa the fine work of the CPC and the many good tips in DX NEMS. Most of the few foreign calls were logged aspa result of tips in IDXD or uneings, which were indispensable to this "one language" DXer. I wont list calls logged here as most hate been reported in DXDD furing the season. Veries coms harder than ever it seers, possibly because there are more DXers $\%$ therefore the correspondence loadl on stations has become toogreat to handle. Too bad the QSL card isn't used more - saves much time in verifying! I have mad a little time for SSS DXing lately but results heve been bslow par. Nostly unn stations \& a few who changec calls since last season. 73. (You have a great colmn, Joe - week in \& weeic out! -ERC)

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\text { George Santulli - } 106 \text { Mohark Drive - Granford, New Jersey }
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3/1-WTRX-1330 1:59am. Who had TT on 1460 at about 1:30am? WHVN-950 5mm, Does anyone know if TOCT-1580 signs of $f$ at "pm in March \& has NX $6: 45 \mathrm{pm}$ ? $3 / 2$ - Who signed off on 1580 at $6: 45 \mathrm{~m}$, anyone know? If anyone need whm, their March s/off tire is 6:43 pan. Going back to the $6: 4 \mathrm{Fpm}$ /off on 1580 , I just mentioned, the call sounded. live WORG. So if you know if it is WORG, please let me know. $3 / 3$ - Who signed off on 1560 at $6: 30 \mathrm{pm}$ ? $3 / 5-$ WPTS-1540 3:32pm for Penna. \#100. WZNM-1590 6:31 pm for \#101. Who signs off on 1580 at $6: 45 \mathrm{pm}$ mentioning they are using 5,000 watte? Boy, do I have s/off problems on 1580 ! No veries this week. Last week's DX NEWS came on a Friday. Boy, what service \& while I ani on it, who cases if the dues are raised to $\$ 5$ ? $I$ certainly don't - it's worth it! One more question - does anyone in the NYO area know who is put ining a tone on 1230 at $5-6 \mathrm{pm}$ almost every night? When it gtops it deesn't give an ID of anything. By the way, no Specials wore heard last MM $3 / 1$ due to excess staftc here. It seminds me of ths summertime, ugh. That's it, sse you in a faw.

Since this is ry first $\begin{aligned} & \text { husigg, I m not sure if } I \text { am doing it right, but aryway, here }\end{aligned}$ goes. I am a new member in the NRC. I find it very helpful. I don't know what I would have done without it. Latest DX is as follows: WDRC-1360 WITN-930 wELJ-1440 WHKY-1.290 WTEC-1360 WBEQ-1340 WJET-1400 KELI-1430 WEED-1390. Latest veries: WIKON_10\%0 KSYL-970 KTIK-1380 KS0-1460 WDAK-540 WKNR-1310 \& WEAM-740. Does anyone know if WAMM590 verifies? I would appreciate corresponding with any other DXer interested. 73. (Welcome to the NRC; Phil, and we hope you'll check into lousings of ten: -ERC) Joe Haailiton - 4945 Eighith Terrace South - Eiminghem, Alabama - 35222
This is my first musing and since I am a new menber, I think Ifd bettor clue every one in on me. If I8, and have just been going at DXin' for a couple ol months. ly RX is a Knight $\mathrm{k}-100 \mathrm{~A}$. Anterina is 50 foet longwire 40 O high. So far 21 states verified, two provinces, two countries, w/a grand total of 47 verifications. Some prizes were WIKX 50 WW . 570 , CBK5540 OEML- 900 CKLIT-300 KOIL-1290 WIEW-580 WVLK-590 WENP-1250 KIOA-940 WAVE-970 WKBN-570. I neve written ZNS Nassau \& KSL, but no word get. By the wey, answering Stan orss, asking about WBMM, they are located in Montgomery, Ala, sumri se to sunset, $50 \mathrm{kw} .740 \mathrm{kc} / \mathrm{s}$. Many thanks to Dan Neissner for getting me statted in DXing \& for joining the NRC. So long, good DX \& 73. (Welcome to you also, Joe, and wo will be hoping for many more litsings from you! -ERC)

Alan Merriman - 6559 Montrose Stroet - Alexandria, Virginia - 22312
Well, the last couple of weeks have been pretty fair for reception but veries leave something'to be desired. Well, here's DX: 2/21- MmP-1250 Milwankee 3am. 2/22-
 very short log; throe minutés, but verie alreaily back. WSMN-1590, Nashua, N.H. w/ET, ID $1: 48$, one of my most wanted stations. VPAD-14 60 Radford, Va. ending ET 3 2:30. KZ00-1210 Fionolulu weak 2:35 ID "The Cherry Blossons Station." WGLC-1090 iendota, Ill good on TEST a 3am. 2/24-WSLT-1520 Ocean City, N.J. good signal 9 9:25am, amother try for a verie from this one. 2/25- WYSH-1380 Clinton, Tenn. 2:15, r/c, weird tore. 2/26- WRIN-1560, Rensselaer, Ind, on late w/an EP ( P ) snowstorm, good 3 1:35. 2/2 -KWCO-1560 Chickasha, Okla. e 2:26 w/Pop, verie back. 2/28- KELO-1320 Sioux Falls, SD: finally decided to try \& verie this one. libtened for an hour, l-2 s/off, got about ton minutest log, but definite IDs hoard, so hop they come through. 3/1- EVSE-940 Valentine, Nob. w/r/c, seerse to go off © 1:20. $3 / 4-$ WKVK- 1550 Virginia Beach, $64: 15 \mathrm{pm}$. This one received here much better now; WXVA ueed to clobber them. I have also done some foreign DXing, but info in John's column. A fow veries in the past two weeks. v/q- Rome-II IZZOO. v/1- WAAY WEMP HRTV. v/f-WERT KWCO WENG. v/c- WAVZ KDIU. 65 reports out this season unanswered \& some I'd like to see come pback. Only 20 are before 1/l co some of them should make it. What's the stery on KTTT, anyone get averie? To Jerry Conrad, the last time I sent my Contest totals, I got the wrong address on the letter, so it was returned to me, hi. I'llyromail one of these days. One more note, l think the Hemdon Va. station on 1440 will use the call WHRN. Question, is $\operatorname{HFPD}$ fulltime now 173 \& DX. (I believe so Alan, thoy ETed a lot a couple months ago -ERC) Willis K, Lewis - 2514 Belmont Boulevard - Nashville, Tonnessee - 37212
DX to date: 2/15- MIBV/KMHI WNDR-1260 RS 1:01-1:05. WIPS-1250 called 1:10 u/WRYT/WREN. sureIy sounded lize EXRO-1320 (2:30 u/WERE but haven't the nerve to count it as IDed. What a catch that would be! KOL 1300 2:35 u/WERE weakiy. KOLO s/off 3:07; KIOC ET, II - 3:14 \& 3:25 for a new ont; KRAM s/orf 4 arr; all on 920 . WUPR-1530 s/on SSB © 4:30, \&
 970 call 2:50 u/junk \& KWEN-1300 cill 2:54 u/WEEE, bothillong needed. 2/23- WSTH-860 ET 1:59 o/one. 2/24- KGNA-960@9:29 pm w/KFVS/WDBJ/KGKL/KMA allweak (that's right WBRC not ieard at all). KNBR/CHLO/KFEQ-680 IDs 11:37-11:40m (no WMPS $/ \mathrm{WCAN/HPTH} / \mathrm{FCTH}$ as wili CX contimu. 3/1-2, staticpbad. 3/4- PRF9/ZYDs-840 here 3:20-3:30 \& past. I never dreaned that pair would get in through this wheezer of mine. 3/6- TVRPL-1540 ET/ TT 12:15-12:24 for athort session for a new one. If CX will be as wili in 1975-76 as in the past two seasons, it will surely be worth the $10-11$ year wait. 73.

Fran Wheeler - 8589 Wettrburg Road - Erie, Ponnsylvania - 16509
A smallreport as I haven't received much to report or. WWBZ1360 $12: 16 a m 1 / \mathrm{c} 1 / 2 \mathrm{y}$. $2_{i}$ 14- KNLA-1320 3:01am \& KXLV-1320 3:19ant w/f/c. 2/22-KLNS-1480 1:45am, WKGiV-1340 1:55: WGLC-1090 w/TEST $3: 18 \mathrm{em}$. 2/11 I got the following strong carriers which could have been foreigners but no TD. Behind WNBC-650, FOAI-1200 (behind them) garriers on the following: $675710780930640600 \mathrm{kc} / \mathrm{s}, \mathrm{SS}-540$ \& Cuban on 1160 . Thatis all for now.

Shalom. Hard ly did any lis tening at all this woek, except for M $3 / 1$ which had the Worst CX I've ever heard on a Winter INM. Static was controlling some of the frequencies instead of stations, hi. Some good veries in this week-v/q- WWN WSAV WFAA-570 KGLO KROX \& KPOW. V/1- WDEV WNPV WANB WRYM WOON WENC-TEST WMBG WSWW KCII KRGI KFLD roze \& a really beartiful ono from KYND. Mert ions went to $50,000 \mathrm{w}$ on $1 / 1 \&$ has an application in w/FCC for fulltime operation. WMBG sent me along w/their v/l two CWis, a photograph of their antenns, two WCOD (their FM station) CMs, a WCOP program siked, a booklet about WIVR (thoir TV station), a WTVR program sked, \& a picture pamphlet about all thees stations. Boy, talk about friendy stations! Now to $D X$, or rather, now to un-DX: Mi 3/1- Who was the c/w tester on 1520 from ebout 1:30-2am? Very clear here. Unn WMID-1340 1: JOam. WJIL-1550 $£ / \mathrm{c}-\mathrm{TT} 1: 45-1: 55 \mathrm{am}$. WJNO-1.230 2:35am. Boy, that was
 $3 / 7-$ KABI- $15.50 \mathrm{f} / \mathrm{c}-\mathrm{TT}$ 1-1:15em cutting right through WDXR \& occasional WQXR OC. After WDXR s/off 0 Zem, KFMC-1560 noted at unusually good level, S-4. Usually pretty weak here. G. Santulli, $1580 \mathrm{~s} / \mathrm{off}$ e $6: 47$ on $2 / 23$ was probably KPCA. J. Jackson, if you mean the VOA IS, played at IDs, it's "Columbia, the Gers of the Coean." P.E.CrockerIt's definitely WCOJ-1420 in Chester Co. Thanks for the good words, D. Gnauck. We'll show Rich cula, hi. Oh yeah, also forgot a v/a from WXRF. KNMB-540 teils me that they'll make the change to 760 late in May or early June. Now that we' ve gotten two pages for JWB, let's get him four: The very friendly letter from KYND is signed by Dick Gilbert, president. The stationery has a little caricature of him drawn by Xavier Cugat \& it mentions he's a member of the 40 -Year Club of fadio Pioneers. Is Mr. Gilbert some famous givy in radio that I've just never heard of? Any old-timers know? I'm going to work on himi for a special. Who knows, maybe helll be kynd to us \& give us one hi. Witi the adaition of the MY" veries, I now have 100 points in the Letterama w/244 points in the States/Provinces Contest. Take hoed, Rich Gula! To paraohrase a famous Christmas poem, 73 to all \& to all a good $M \mathbb{M}$.

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\text { Chris Incas - } 89 \text { Found HilI Road - Fairfield, Connecticut - } 06431
$$

Hooray! I Ioged six new stations two mornings in a row! Thatls the best for me in a long long time. DX this week: 3/6- SSS-WEEX- 1230 Easton, Pa. in at $5: 46 \mathrm{~mm}$, VCIN- 1480 Cincinnati, at $6: 35 \mathrm{pm}$ w/rr - wonder where WHBC was? SM $3 / 7$ - WHOK-1320 Lancaster, Ohio w/good signale 4:59am, WSHP-1480, Shippeasburg, Pa. ? 5:14 among others, but I was surprised to find them on this early; WJAZ-960 Albany, Ge 5:30am w/ZFBl, when CHNS came from nowhere \& covered them both. WIL-1430 st. Louia for Mo. \#5 m 5:50m, WPRT260 Prestonvirg, Ky. s/on 5459, \& WLOU- 1350 Louisvilile, w 6:15am. 37 3/8- WPNX-1460 Phenix City, Ala, w/test 1:56am, KBOI-950 s/off 2:06am u/KPRC s/off for Idaico \#2. KSOI had quite trong signals, well o/KIMN, \& much stronger than KTFI was last week. I finally logzed nearby WKSN-1340 2:39am, a time when they're supposed to be silent, according to condition of fr squencies list! (They're ailent SMs, Chris, on Wis -ERC) Next, nice signals from 500 watter KVYL- 1370 Holdenville, Okla. w/test 2:59am. They were just as strong as the WHNG Special of a few weoks ago. Next, I noticed both WRDW \& CBZ off 1430, and got good log on KBOX-1480 in Dallas at 3:21am. Has CBZ gone to 976 yet? (Yes -ERC) Finally, HJAY-1580 blociking KHUM TEST, but still a now logeing at $3: 38 \mathrm{~mm}$. No sign of KHUM or CKOX Specials. Two veries, today, WSLS-S10 v/a after four weeks, \& WINU-1510 in one week, saying they're two-tower directional. Last week, v/I \& CM from WSNA (four days) \& WSAO ( 25 days) both non-directional, \& $\mathrm{v} / \mathrm{f}$ from WIMG-TEST. Today's DX ITMS is really fat, but I haven't had time to look through it yet, as I've been writing reports all afternoon! That's it. 73s.

$$
\text { jhe Bugaj - } 297 \text { Boston Roed - Midietown, Connecticut - } 06457
$$

Latest veries: v/q-KARK-9:30 WIFW-580 WFAA-820. v/1-KXIW-1320 WGAU-1340 KDON- 1460 \& the big one, KYN-1580. Also v/I \& v/q from WTTN-1580. Latest DX: 2/27- WABB-790 at
 910 3. 3:24 v/0 WPFE, u/CBO. 3/1- WCOS-1400 @ 2:40 w/woman DJ, WNSA-1340@ $5: 11 \mathrm{~mm}$ rr.
 Honduras mentioned a few times. 3/8- HJAY-1580 © 3:30 loud \& ruining any chance for KHOM TEST. Noted cuban on 1210 stronger than one on 1200. No ESTR, CFGP DXes heard, ondy WSUN on 620, \& nothing when nulled. And nothing gets through WHN. Roes Hansch: Niy last namel pronounced lice BOO (as in Dootleg) \& GUY (as an good gay). On 3/1 @ 10 am PHAY-910 changed call \& format to WRCE, playing nothing but "good mx" is now AN except SMs, $\therefore$ IDs as Hartfori instead of New Britein. WRCH joins WTIC \& Wpop as Central Com. ANers. Connecticut daytimers' March s/offis 6 pro. go get fem. 73 for now. won't make the presses on time. Oh well. (Yes it did, Tow!-ERC) DX continues great. An additional 25 have come in the last week \& a half. First, here are the new veries: WELI WOSU FBUX WIOD KCMO WWAL KXOE WSUN \& WDEV. NOW daN $n$ to DX: 2/20- WOWW-860 11:30 am. WGFOQ920 $12: 30 \mathrm{pm}$. WBBB-920 5 pm . WPIC-790 $6 \mathrm{pm} \mathrm{s} / 0 \mathrm{ff}$. WWSW-970 6:30 mm . WNAR-1110
 day-WVP0-840 10:30am. WNAN-14\%0 1:3Grn. WNAB-1450 1:35. WFLAH-1070 5:45pm. CJRN$16009: 30 \mathrm{pm}$. $3 / 1$-NWM KNX-1070 2am. WZGN-1340 2:45. WSUN-620 3am. WMRD-1470 3:30. WFDW-1480 3:45 w/test of XR. WYZE-1480 4am s/on. WGIV-1490 4:15. XSTP-1500 4:45am 3/5-WPHi, Phillipsburg, Pa. w/an emergency broadcast due to a sovere snowstorm at 8:45
 KSTP WGKV WCBM MMD \& MPHB. My HE-80 is at Lafayette to get the tuner aligned, Boy, is the dial off: DXing will have to be done on my old $\mathrm{S}-120$ on $\mathbb{N} \mathbf{3} 3$. I will suffer. Hecord now 256/93. 73日.

Vinty Cavaseno - 111-20 124 Street - South Ozone Park, Now York - 11420 Hi everyone. I haven't Mused in a long time, but I'm still DXing. Although I've been musingly quiet, DX has been pretty noisy here ( $\mathrm{B}_{\mathrm{c}}$ not only static). Here's the latest: 1/18-CBAF-1300 DX; WSEP-1580 f/c @4:00 via list, WBIR-1240 r/c, WIVI-970 w/WTSt . 1/21.- WDLR-1550 © Gam w/CRE. 1/25-Unn WARN-1330 o 9:3 qm w/REVD off Monday night; report sent. 2/1-WISM-1480 1:22-1:32am, KOB-riro ID a am, WINU-1510 f/cm 2:15. KGA$1510=2: 30 \mathrm{ID}$, unn FJCO a 2:36 w/the other tw; KYBK-1530 s. 3sm, FKMF-1470 $4: 30 \mathrm{~s} / \mathrm{on}$. 2/3- WBOL- $1560 \mathrm{r} / \mathrm{c}$ 2:30, WRBC-1300 3:30 ID ; station on $620 \mathrm{w} /$ comedian, which IDed as CK Redioll I think (CKCK, Vinny -ERC) WCHS-580 in nice 5:05-5:25am, WTRN-1340 s/on © 5icg w MIRF-7M \& K-something 39 microwave. 2/8-KOEL-950 $2: 10$ wia list, then came the "surprise of the morning. On 1460 , I heard a song which sounded like More", then the soff of IEENO 2:57. (This was state \#41, KOB was \#40); HJAY-1530 SS AN; KUDL-1380

4 am ET giving location as Fairway, Kans. CBC on $1370 \mathrm{w} / \mathrm{NX} \&$ OBN ID e 4:04. Which relay is this? (CBNE-ERC) 2/14-Radio Aeropuerto on 910, listed in IDXD as YVEQ. This was in very loud at 4 am covering the frequency. Many IAs in this AM. 2/22- No school, so long AN. WHHL-1440@ lam ET; WJAS-1320 TT © 1:32; KGHL-790 ID © 2am FGLC -1090-TEST; unlisted WIDD-1520 Elizabethton, Tenn. ET/M © 1:09; WHSC-1450 r/c © 2:13; then a real pugzler; EN accent station on $760 \mathrm{w} /$ what nounded like Arabic chanting, ad for Continental Cookies. While talking to Bill A. uring lunch period at school, the thought hit me - Australiai Nope. IDXD came through again w/the cold facts. It was only zFY w/Hindustani mx. How is that? Hindu in SA? I finally put up my loop. Dad said nix on harise, so I had to put it up on the garage. I found out about the loop before I joined the NRC. A lopp similar to the Club! antenna appeared in the Feb. 1955 issue of fiadio Electronics, except that the plans call for 6' diagonals; two seven-turm loops ; ore six-turn loop; and two pick-up loops of one turn each; 3741 of wire in all: This is the one I built. It works real nice. I ueed it on $3 / 1$, and heard KXLF-B7O after weeks of trying, $1: 45-1: 53$; cyOH-920. I can now listen to whio without too much inter ference frcm forsaken Guban on 640. On $3 / 2$ unn KFI-640 w/loop at $11 \mathrm{pm} \mathrm{w} / \mathrm{NBC} \mathrm{NX}$, the earliest I! ve ever heard it. Meritime WX on 1110 u/WBT@11:10, probably CBD; unn ZBM1-1235 C 11:15cm. Veries: WONE WHO KFBK FISM WARN WCHS. Sent two reports to WKEW; $10 / 8 \& 12 / 5$. I received the $12 / 5$ verie on $2 / 8$, \& the $10 / 8$ verie the next day. Bosendale or bust on Easter week! 73 s to all \& good DX.

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\text { Don Eggert - } 1925 \text { East Bowman Street - South Bend, Indiana - } 46013
$$

$3 / 6$, hi guys. School is realiy taking its toll here, w/all the research paper, etc. \& I'm not able to let DXing interfere w/my education, hi. Only one logging this weak, 3/5, ECTA-1030@7:38pmojMBZ to their s/off © 7:45, sent 'ema report. Tio veries this
 was out at local WJFA-1580 last SM while the CE was working on same equi ment: I picked up come of the recent reporfs. The best feport for the recent TEST was from Gene Allen in Cal. I saw a lot of familiar names such as Mike Tilbook, F. Gula, Wi. Plunkett, R. Botzum, J. Boatwright, etc. All of the reports on NPC fome were excellent, Lowever, one report from an NRCer (not on NRC stationery) was terribiy sloppy, \& had very little verifyable info on it. Let's watch this, guys, Also picked up about 1,000 SCs, enybod want 'em, Z . For the first time in two Saturdays, the DX NWF didn't make, although it should be here Mh. That $15^{\prime}$ of snow we had last week melted in almost 48 hours but we did get out of school two days. By the wey I've got the meas les so $\frac{I}{x}$ missed last Fridar too. Well, that all the news that fs fit to print, hi. y \& DX.

DX here has been rather slow due to my new \& ever changing working hours at the post office. Ah, the life of a postmen, hi. For the last couple weeks, I've been reporting to wark at 5:30am so I get up early \& DX. Managed to get one MM in, \& I had to sleep all Sundzy afternoon \& evening, so I could do it. Here's DX by dateline. All times EST, of course. 2/28-KBBC-1600 e 9:03-9:15am w/road reports for Utah, KXIF-1500 9:15 sm/s/on. 3/1. WNDR-1260 © 3:57-4:16am. I have logged WNDR twice before, but never long enough for a report. Felogged Kook-970 © 7:29-8:15an, \& sent report. Heard this on ry 11 transistor Sony as well as the Lafayette. Quite a feat, as local KABL-960 usually coters 970; KUPI-980 © 7:59-8:02am w/s/on \& NX. 3/5-KANN-1250 © 8:26-8:29am. Verie department has been the slowest in monthe. Veries from: Redio Belize \& KVEL. $\bar{y}$ Bad nows for all WG DXere. KDIA's tower population has grown. They now have three towers up, \& their CE says they plan to go to 5 kw . during the first two weeks in April. KABL-960, has yet to get their new towers up. They have the bases in \& that's all. So for the time being, KABL will still remain at lkw. To Len Kruse, I'll be writing to several stations in Oregon \& washington asking them to fut on DX TESTE. Stations I have in mind are: EASY-1220 KAPY-1290 KOHI-1600 \& others. Dates for the TESTs will have to be either April or Mgy. They should be heard all over the WC as we have little or no static (no thunderstorms) during the Summer. Most mests so far have been set up for the convenience of the EC DXer, so for once IIm going to try to reverse that usual pattern. Trnie, what's this about turning that pirate (s) in that's been operating near Philly? Nan, who's side are you onf (The law's -ERC) If I heard him, I would first try to verify him, then see his equipment, wich in some cases is better than scme small stations, then try to do a show w/him. Man, let the young enterprising bootleggers survive, hi. Guess that's it until next week (maybe). See you all in san Diego (IRCAers). 74 \& good DX.

Dave Schmiat - 44 Green Lane - Green Ridge - Chester, Penneylvania - 19014
Howdy. Well, other than DX, I've been doing everything eise but that. On 3/7 I payed a visit to Ben Dangerfield. That $\mathrm{HQ}-180$ is something. Itmakes my RX a crumay little thing next to Ben's. DX has been good for what I want it for. Latest veries: WNBC WBTM MKAP WYOK FCBS WRC (There's one of Rick Marr's favorite DX stations) \& WPBN. (I wonder if this thing is for the test for $3 / 11$ ) Thirtyone reports are out which about only 25 Illi get back. All-time high on veries received, 55 cards \& ketters \& 21 states, one province, \& still one country. ERC, look for a Musing from Al fysocki. I got him to join the NRC \& maybe I have five or six more who are DXers \& want to join. Now as for $\operatorname{HEST}$, hasn't been on since $2 / 27$. Naybe the FCC onded them but $I$ will be looking for them. There's one in the $1300 \& 1400$ like WEJT and it hat mostly MV programing like WDAS \& What. Only on Mon. Wed. \& Fris. No call. Last time I heard it, it was on $1445 \mathrm{kc} / \mathrm{s}$. Well, I got to end it for now, so I'll be back in Musings some ather time. Hayve next weak, who knows? 73 s \& all good DX (butme, ni).

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\text { Bernie Duffy - 77 Liveruore Avenue - Staten Ialand, New Yoric - } 10308
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My heard list now numbers 3,124 , by recently adding: $B B C-809$ Scotland, VOA-1196, Munich Germany, HJAY-1580 Barranquilla, Colombia, PRF9-840 Sao Paulo, Brazil, zYD8-810, Bahia, Salvador, Bramil, CNDD-1200 Bayana, Cuba, \& WGLC-1090 Mendota, Ill. Latest veries are a nicd card from KM , Portlana, Ore. \& a fair one from WRAN, Dover, N.J. Letters came from KFOT, Salem, Ore, \& WERT, Van Wert, 0. 3/8, I logged the two Brazilians at 2:3038 m , \& CMDD at 3:15-3:30. HJAY comes in woll nightly after midnight. This is the best time of the year to hear SAs, it soems.

$$
\text { Ernest P. Cooper - } 438 \text { past } 21 \text { Street - Brooklyn, Now York - } 11226
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Wy thanks to Hank Wilkinson for those two very fine, neat, attractive certificates!. Veries fron Fmg-1530 and WRIN-1560, who say their r/c is the nsecond weokday of each month at 12:15am CST, \& March sked is "am-7pm EST. I had a fine phore call from their CE, MP. C. Zifiller. Scant DX here. 3/3-Looking for the 3 am Brazilian $1560 \mathrm{~s} / \mathrm{O}$, I heard' what sounded like 55 , w/ Nサ" in OW every minute (...-), like the Cuban minuteran, but only about $\mathrm{S}-4$. Who he? Noted WIKI-1420, Chester, Va. w/others $6: 12 \mathrm{~m}, \mathrm{w} / \mathrm{s} / \mathrm{off}$ at 6:15, not enough for a report. WDOV also in there, ufPOP. PJD2-1295 in $f$ ine 7 pm selling gospel records for $\$ 4$ in American cash, all EE. Other Antiales stations were also in well, on 800,865 , \& 915 . MMA.3/8~, SS-660 o/Gastro-qiler, w/U.S:A. old pops, I presume it was XERPM, out then WNBC decided to ET, \& trat killed em, natch. Unn KMOK S-7@1:51. CJBC-860 was on w/CBC AN show instead of CBI-740 until about 3em when CJBC went off, CBL back on. ET/M from KVYL-1370, Holdenville, Okla. 2:31-2:59, new.C.U

|  | W DUZ | Now 5,000 D-3 | NNEC | 1400 | KPAT | New antenna systern | FCC |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 910 | W R C I | Ex-WHAY; now Hartford | NRC | 1450 | K PA | Now 1,000/250 U-1 | FCC |
| 970 | CBZ | Ex-1480 kc/s. | NRC | 1450 | W F B A | San Sebastian, P.R. | FCC |
| 990 | प E R R | Muncie, Indiana | NRC | 1470 | If ${ }^{\text {N }} 0$ | New antenna | FCC |
|  | K W A Li | Now 10,000 D-3 | NRC | 1490 | I C. M | Now 500/250 U-1 | FCC |
| 1090 | WWDR | miurfreesboro, N.C. | NRO |  | WTIQ | Manistique, Michigen | FCC |
|  | W BIE | Now 10,0000-1, ex-105 | OFCC | 1500 | K B L A | Ex-1490; temporary op |  |
| 1230 | KCON | Now 1,000/250 U-1 | FCC |  |  | eration:10,000/1,000 | NRC |
| 4400 | K $G V L$ | Ditto | FCC | 1590 | L V G B | New daytame DA | FCC |

## "AN" SITUATION



|  | WG R | Silent daily l-6am. (3/8) |
| ---: | :--- | :--- |
| 870 WHOA Silent 12-5am daily. |  |  |
| 1480 W R D | MMs only. |  |

910 WRCH 970 CBZ Exc. Fri.,ex-1480.

1480 W R D W NMs only.

## CANADIAN STAMPS

ANDY McLecicaly, Box 631 - Saint John, New Brunswick, in New York on a vacation, phoned your Editor twice during this past week, saying that CBZ is now on $9 \%$, and that he will be happy to send canadian stamps to be used as return postage to non-Cecadian members. Send him U.S, money for Canadian otamps, which are $5 \phi$, as in the U.S., for surface mail. Our thanks to andy for this of fer of his services.

## DX NEWS

We will continue weekly through the DX NEWS of April 17th (Issue \#29). Taen, the next one will be dated May 1 ; thom kay 22, and then one is sue each in June, July, and August. During the remainder of the weekly issues, alternate ones - this one included will be held to a maximum of $20^{\circ}$ pages, while the others will be able to expand to as many as 30 pagea. If we get more Musings for a 20 -pager than we can get in, we will hold over as zany received on the final day (Tuestay) as necessary, for inclusion in the following, larger issue. This is a temporary policy, in effect only through 4/17.

## CEDAR RAPIDS

How the time flies! Labor Day Weekend is not as far away as we seem to imagine, so it might not bo a bad idea to begin making plans NoW for your trip to this exciting and happy event, hosted by two $f$ ine NRCers, Bob Goreuch and Len Kruse. Keep watching future issues for more details and information about these zoming events, especially the sumer issues. We hope to establish a new record for attendance, and the more on hand, the finer everything will be. So, make your plans way ahead of time! Be in on it?

$$
\mathrm{V} / \mathrm{E}
$$

We have noted sorne of you, instead of senalng your $v / s$ to Fuss Edmunds, are including them in your tusings. We ask you PLEASE not to do this - let's have things in DX NEWS where they should be. This is especially true now that we find it necessary to conserve space. Won't you lads, then, please discontinue including the $\mathrm{v} / \mathrm{s}$ in your Masings reports? Send them to Russ mamuds for inclusion in his fine comprehensive lista!

| A - Announcer | G - Gerente (SS for Manager) | Reis - Radio Engineer |
| :---: | :---: | :---: |
| ACE-Assistant Chief Engineer | GM- General Manager | RM - Radio Manager |
| AcCE-Acting Chief Fngineer | ID - Information Department | RT - Radio Technician |
| AP - Assistant mintineer | I - Iicensee | S - Secretary |
| AM - Assistant Manager | M - Manager | S/ - Secretary to |
| AR - Audience Relations | MD - Managing Director* | SM - Station Manager |
| CA - Chief Announcer | MusD-Music Director | Su - Supervisor |
| CE - Chief Fngineer | NxD- News Directer | Stam Staff Announcer |
| CM - Commercial Manager | NE - Night Engineer | StE- Studio Engineer |
| CoO- Co-owner | O-Owner | Stfe-Staff fngineer |
| COp-Ghief Operator | Op - Operator | StS- Studio Superintendent |
| D - Director | P - President | TD - Technical Director |
| DJ - Disc Jockey | PD - Program Director | TM - Traffic Manager |
| DOE- Director of Engineering | PDe- Program Department | Thri- Traffic |
| DPR- Dir. Fublic Relations | PM - Program Manager | TS - Technical Supervisor |
| E - Engineer | PR - Public Relations | VP - Vice President |
| EiC- Engineer in Charge | PrM- Production Manager | VPE- Vice President Engin. |
| ESu- Engineering Supervisor | ProM-Promotión Manager | XE - Transmitter Engineer |
| SMALL EETTERS FOLIONTNG GALI, | LETTERS IN VERIE SIGNER LIST |  |
| $c$ - Hand-written or typed card. q |  | ted by station) |
| f - Form letter, mimeo letter, etc. |  | en on DXer's rep |
| h - Signer is a "ham operator". |  | as result of follow-up |
| m - Included coverage map. | $x$ - Verije is | or unsatisfactory |
| n - In native language of station e - In English |  | hen from normally a noning station. |

p - Verie is a prepared card, made up by the DXer and signed and returned by station as a last resort method of getting a verie.

When no small letter appears, verie is a typed or hand-written letter from station.

STATION LOCATIONS
CA - Central Anerica
LA - Labin America
NA - North America

SA - South America
TA - Trans Atiantic
TP . Trans Pacific
EH - Finglish Speaking Sta.
NN - Negro Station

$$
\begin{aligned}
& \text { DU - Down Under ( New } \\
& \text { Zealand and Australià, } \\
& \text { SS - Spanish Speairing Sta. } \\
& \text { FF - French Speaking Sta. } \\
& \text { GG - Germen Speaking Sta. }
\end{aligned}
$$

ABBREVIATTONS DEALTNG WITH VERIFICATIONS (VERIES)


MQ" CODE (in pert)
QRA - City of location. $\quad$ QRT - Sign-off.
QRM - Interforing Station/s. QSB - Feding.
QRN - Static or Nolse. QTH - Address.

QSL - Verie or Verie Card.
QSA - Readability (1-5)
(1 poaest, 5 best)

IN " CHANGES IN STATION DATA"

FCC - Federal Commuications Comission.
U - Unlimted time.
D: - Daytime only.
L - Limited time.
SH - Specified hours.
S - Shares time with another station.
SSA in Special service authorization.
CDT = Canadian Dept. of Bransport

1 - Non-directional antenna alweys.
2. - Nonwitectional days, directional nite.

3- Directional always, same pattern day and night.
4 - Directional always, different patterns day and night.
5 . Directional days, non-directional nite. N-Night time. CH = Gritical Hours.

TIME ZONES Eastern Standard Time is used throughout in. "DX News".

AST - Atlantic Standard Time.
EisT - Eastern Standard Time.
CST - Central Standard Time.
MST - Mountain Standard Time:
PST - Pacific Standard Hme.
(Always convert to Eastem Standard Thme when sending in your reports.)
GMT - Greenwich Mean Time.
DSI - Deylight Savings Time.
EDST - Rastern Daylight Savings Thme.

| AM - Amplitude Modulation. | IR | 00 - Open cerrier. |
| :---: | :---: | :---: |
| AN - All Night Station. | ETP - Equipment test. | POP - Proof of Performance |
| BB - Baseball. | ET/M-Equipment test with n | pop - Popular music. |
| BCB - Broadcast Band. | FB - Football. | RS - Regular schodule. |
| 3KB-Basketball. | FM - Frequency Modulation. | rr - Rock and roll. |
| CW - Morse Code. | f/c- Frequenoy cheo | r/c-Regular frequency |
| c - Classical musie. | GSQ- God Save The Queen. | check as per list. |
| cw - Country/Western | D- Station Identificati | SID - Singing station id. |
| db - Decibles: | MD - March of Dines program. | SS3 - Star Spangled Banne |
| DT - Dial tone. | mx - Music. | s/on- Sign on. |
| DX - Special DX progra | NA - National anthem. | s/off-Sign off |

## GENBRAL ABBREVIATIONS

AXR - Auxiliary transmitter.
CPC - Courtesy Programs Committee.
$C X$ - DX conditions.
DXDD- DX Down The DLaz.
BC - East Coast.
Het - Hetrodyne.
HQ - NRC headquarters.
TDXD- Intemational DX Digest.
NRC - National Hadio Club.
NNRC- Newark News Radio Club.
NX - News.
RX - Radio receiving equipment.
SAS - Self adreased envelope (stamped).
Skod- Schedul.
IX - Tire.
WRH - World Radio Handbook.
WX - Weather.
WC - West coast.
XR - Transmitter.
73 - So Iong and best wishes!

NX - News.
RX - Radio receiving equipment.
SAS - Self adireased envelope (stamped).
Shod- Schedule.
IX - Tirec.
Wh - World Radio Handbook.
WX - Weather.
WC - West coast.
XR - Transmitter.
73 - So long and best wishes!

SRS - Sunrise Skip.
SSS - Sunset Skip.

This sheet has been prepared for new mermers. It is also being distributed to the entire membership list when space permits.

The National Radio Club is strictly a BROADCAST BAND DX CLIB (Medium Waves) and we concern ourselves with the spectrum from 535 kcs . to 1605 kcs . When sending in reports for "DX News" remember to confine your remarks to these frequencies. We are not interested in long wave, short wave, $F M, T T, C B$, etc.

MUSTNGS OF THE MEMBERS go directly to our editor EPRNEST R. COOPRR, 438 RAST 2lst STREET, BROOKLYN, N. Y. 11226. Please confine your remarks to DK data, particularly any information you think may be of interest to other DXers. The main purpose of our club is for an exchange of information. A limit of 30 lines per Musing has been established, and only one Musing per issue. This does not mean that you should use 30 lines each time you report. Make your reports informative, interesting and not too "windy". We are interested in hearing from all members, but must ask that you use the space to good advantage. eadline TUESDAYS.
INTERMATIONAL DX DIGEST reports go directiy to our editor JOHN CALIMRMMN, P. O. BOX 1914, PAMPA, TEXAS 79066 . Send all the information you have to John Gallarman. He is doing an outstanding job of compiling data concerning the stations of the world; stations being heard, new stations, frequency changes, station listings as they are available, station addresses, verification data with a description of the varification cards and lotters being recoived. Since many station are being heard on "split frequencies" this has become a very popular part of our publication, We invite the participation of all members. Deadline MONDAYS.
DX DOWN THE DIAL is a section that provides for conventent easy-referonco all tips concerning domestic stations; $\mathrm{f} / \mathrm{c}$ skeds, $\mathrm{s} / \mathrm{on}$, s/off atc. Participation by more of the members wfll make this a very useful column. Send all
 The vulletin is published by RICHARD H. COOPER, P. O. BOX 223, KITTANNING, PA. 16201. Late items of importance can be included if received in Kittanning Thursday morning.

550 ALASKA. KENI, Anchorage, 20 over 0445 $2 / 13$ playing a sons about me -- "The wild Colonial Doy.ll Hi! (FOX, Yukon)
625 COSTA RTGA TIRICA, La Voz de Ia Victor, San Jose, good to excellent most eve nings. (keller, 71ג.)
630 UNTD. A program in English, then in Oriental languace (Chinese maybe), noted $04453 / 1$. A story. It might be a domestic. Any ideas, you Westermers. A good signal. (Bartels, Wis.)
640 GUADEIOUPE. R. Guadeloupe, Point-a-Pitre, very good, on top at 1930. Unfortunately, I didn't have time to take a $\log$. This on $3 / 5$, an excellent evenins for IA's. (Merriman, Va.).
641 SURTNAM. RADTKÂ, Paramaribo, heard at times between 1930-2130, heavy QRI from the cuban, and not enouph for a report 3/5. Apparently s/off 2130. Anyone have an address? (Merriman, Va.) Try RADIKA, Shew S. Radhakishun, Managins Director, Pad Van Wanica 51, ox 1003, Paramaribo. (Ed.)
650 COLOMSIA, HJKH, La Voz Amiga, Bogoth, Heardifor the first time on the moming of 2/21 at 0432. (Merrill, Mich.)
660 VINEZUELA. YVLH, R. Girardot, Maracay. Beat WNDC on by $1 \frac{1}{2}$ minutes for brief s/on log. Anthem ended and background march began $0456: 103 / 8$. NLC chimes from WNDC at $0457: 55$, then s/on. (Gallarman, Texas)
670 UNID. L.A. Here under WMAQ 3/4 1914-1920, sounds suspiciously like TGRT, R. Fabulosa. Has not been heard on 685 in recent weeks. An TRCA'er says he hears TGRT here. (Callarman, Texas)
695 DOMINICA. WIDS, Roseau, very good around $21003 / 5$. Lest ever heard, but verified some time ago. (Merriman, Va.)
705 ST. VINCENT. WINS, Kingstown, noted 2030 to $21003 / 5$, readable fairly well at all times. Reported. (Merriman, $V_{a}$.)
715 HONDTAS. HRTV, R. Television, Tegucigalpa, logged $2 / 230050$ to about 0105 , reported and verie already back, in English. (Merrimen, Va.)
730 ALASKA. KPOD, Anchorage. Who said they went Gospel? Seems AN week nights. (Fox, Yukon). Mobody said they went gospeI. owever, they were noted here on a Sunday night, their time, with two religious shows in a row. (Ed.)
750 COLOMTA. HJN, Ia Voz de la Antioquia, Medellin, here with ID $2 / 22$ at 0550. Good but some orm from WSD. (Thompson, Calif.)
JAMMTG. J. O. Port Maria, fair here, mentionine J. I.C. at 0455 3/工. QRMI from KCDS TT on 740. (Thompson, Calif.)
7760 HAWAII. KOT, Honolulu, "ounding in $04352 / 73$. (Fox, Yukon)
762 MEXTCO. XEZZ, Tonala, Jal. is noted here at good lavel to 1959 5/off. Plays "good misic" and calls itself "Melodias 76." Heard first on 3/4. (Callarman, Tex.
780 UNID. T.P. Activity here, probably 4 YA , on $2 / 13$. (Fox, Yukon)
790 AIASKA. AFFN, C Cld Tay, great signal, as usual, after KCAM s/off 2/13. (Fox, Y.T VEMEZUELA, YVKC, Radiodifusora Venezuela, Caracas, here quite goci for about 20 minutes over WFUN. Seemed to be iN $02283 / 1$. (Silvera, Jamaica).
795 DARDADOS. R. Tarbados, Dlack Fock. Think this is the one with s/off at 2305 with GSG on 2/27. (Keller, II.). Here for three minutes over PJW slop, unbelievable. Country \#25 heard 2/28 1729-1731. (Silvera, Jamaica)
500 GUATMMLA, NGO, La Voz de las tmericas, Guatemala, heard here quite good before s/off $2 / 262400$. (Silvera, Jqmaica)
MEXICO. XELO, Cd. Juerez, Chin heard. s/off anncts in English despite gRI from Tho $2 / 26$ 2h00. Did not hear slogan nor location. No sign of R. Reloj. Nacional for past three nichts. (Silveras Jamaica)
NEW ZEATAND. IYZ, Rotomua; I was rieht. The DU's ARE back. This one, with ECC news, heard $06002 / 12$. Couldn't drag signal to high enourh levelfor reportable copy, thouch. (Fox, Yukon).

810 AUSTRALA. 2DA, Dema, N.S.W. AImost certainly the one here between 0500 and 0600 2/13.with music, parallel 820, assumed 2GL, Glen Innes, N.S.W.; 830 3aI, Sale, Victoria; and 840 LRK, Rockhamton, Qsld. Fest about 0700, but not quite good encugh. ( $F_{0} \times$, Yukon)
818 POLAND. Warsaw, possibly, the station heari weakiy at 2215 on $3 / 1$ when other Polish frequencies also were alive. (Danzerfield, Pa.)
820 AUSTRALIA. 2GL Glen Innes, N.S.W. Play 0li35.2/31. Unneded. (Fox, Yukon) COLOMMTA. HJED, La Voz del Ric Gauca, Cali, excellent 10 over S9 2/20 at 0130 With WFhi/WRAP ofi. lit 0200, had WWV time signal. (Keller, Ill.) NORTH KOREA. Pyongyang outlet noted here after 0500 2/13. (FCx: Yukon)
830 UNIL. S.S. OL20 2/13, while Iooking for KIKI. XEIA? (Fox, Yuken) Don't think so, at this time of day. (Ed.)
834 RR, HODDULis. R. Delize, superb signal most eveninas, s/cff 2300. (Keiler, IIl.) 840 ATSTRAIM. LVK, incokhampton, Qsld. First heard 0437 with Dickerson record, fadeout 0450, then ID at 0500. Report out to Aussie \#5. I.A. who s/on at O445 QRIId quite a bit. Who? (Verrill, Mich.)
COLOMDTA. HJBI, Ondas Caribe, La Voz de Santa Parta, in like a local on $2 / 29$ before'and after 0200. Seems to be a frequent Alier, as was on at 0320 on $3 / 1$. (Dangerfield, Pa.) Dut was all Portuguese this channell $3 / 8$ here. (Callarman, Tex) Fxcellent 0115 2/27 with WHAS off. (Keller, Ill.) In with a good signal all night $2 / 26$. (Bartels, Wis.)
GUATEMALA. TGKL, R. Emperador, Guatemala. Noted stronc, at s/off 0104 3/8. Gives no call letters in s/off annct. Gives Fin frecuency of 97.3. Will try another report with prepared card. (Callarman, Texas) Good $01303 / 6$ with whis off. (Keller, III.)
ST. LUCIA. R. Caribbean; Castries, in with fair signal under WHAS $3 / 2$. Thanks for the tip from Lurnham in $2 / 27$ issue. (Eartels, Wis.)
845 ITALY. Rome II, on $3 / 5$, excellent signal at 2200 , identification b: a woman in English. (Merriman, $\mathrm{V}_{\mathrm{a}}$.)
850 ALASKA. KICY,Nome, letter out requesting DX program. (Fox, Yukon)
860 CUIA. CIT? R. Cacena Agramonte, noted here now, very strone all day. (Silvera)
863 JNID L.A. In Spanish between 2115 and $22003 / 1$, and $3 / 2$ also. Help. (Dartels,Wis) FONDULAS. HRU, R. Centro, Teguciqalpa, is wack here. First noted $3 / 5$ 2022-2100 and on with soccer football broadcast, then $3 / 72128-2155 \mathrm{~s} / \mathrm{fff}$ with mostly talk programs. (Callarman, Texas) On recently evory evening with strong sienal, especially from 2200 to 2300. Where has this station been these many months, on even frequency? (Dancerfield, Pa.) On 860. Note that $2155 \mathrm{~s} / \mathrm{off}$ is SUNDAY NITE. (EC.)
870 HAWAII. KATM, Honolulu, Good signal 0Ll $72 / 13$, religious program. Unneeded. (Fox) Here $2 / 280300-0330$ over/under jammer on 869 and later. 870 . Loud hetro when it was on 869. (Thompson, Calif.)
872 UNID. Het here $04562 / 13$ giving KAIM trouble. Ti or IA? No hsian on this Frequenc (Fox, Xukon) The floatins Morth Korean was last reported here: (Ed.)
875 COSTA RICA. TTSS, La Voz de Tropico, San Jose. Very strong "En nuestra frecuencia mestro petencia es la diferencia." at 0602 2/25. (Silvera, Jamaica)
880 BRAZIL. PRI3, R. Inconficoncia, Delo. Horizonte, heard $03302 / 21$ with slogan; with somene else in Smanish or Portuguese underneath. (Merrill, Mich.) HAITI. 4V2A, F. Nationale, Port-au-Prince, quite good here with news. (I am pickm ing up a little French.)(Silvera, Jamajce)
865 MONTSERMT, R. Montserrat, Flymouth, finally I loe this one that everyone else has been hearine, at $19453 / 5$. Fairly good signal. (Merriman, Va.)
890 ATASKA. AFRN, Adak, finally heard 0630 ID $2 / 12$ for 421 Alaskan. (Fox, Yukon)
S00 ILASKA. KFRD, Fairbanks. Great signal $04502 / 13$. It inclưing these local pests to promote envy, hi! (Fox, Yukon) Tex Green's my name, Pard! (Ed.)
955 UNTD. Whe is heard with "R. Continental" ID? Heard $2 / 10$ at 2230 , frequency def initely 955, not 953. HCEW2-995 was strong at around the same time. (Merril1, Mich
965 PANAMA. HOF, R. Reloj Onda Popular, Panama, here with news and time $06202 / 28$. (Silvora, Jamajica)
970 SOUTH KOREA. HLCA, Suwon, tremendous signal all night 2/13-14. (Fox, Yukon)

970 VEIEZUEJ. MND, $I, ~ C a t a t u m b a, ~ M a r a c a i b$, noted $M$ for paat three weeks now that WHI is Cff Sunclay mornins. it verifier, too. ify first. (Silvera, Jamaica)
990 HWWII. KTRG, Honolulu, copied $0350-04352 / 13$, music fron "Guys and Dolis" in Enclish. (Fnx, Yukon)
995 ECUADOR. HCEN2, R. Suceso, Guayaquil, heard with ID at 2000 and strong for about half an hour afterwards. However, quite splashed $u_{p}$ as a result of 1000. Good
欮炏 L.A. nicht. (Merrill, ich.)
1020 AUSTR LIA. $2 K Y$, Sydney, N.S.W. Race revits? 0500 2/12. Only DU amone about 10 noted that AM that was strons enourh for good copy. Inneeded. (F x, Yukon)

* 1010 VENEZUELA, YVPC, R. fragua, ifacaibo, quite loud for a few minutes, then out sgain at sunset skip. (Silvera, Jamaica)
1040 BRAZII. PRG2, Tupi, Sao Paulo. heard at 0217 2/7. with bod simals. (iferrill, Mich. Pretty bad under KHVH ©RM, but managed to get encueh for a report $2 / 27$ 0122-0204 finally fiter much listening. (Thomsen, Galif.) GHINA. Pekine usual powerhouse $2 / 13$. (Fex, Yukon)
IO45 PMMAMA, HOJ2, Onias del Canajagua, Las Teblas, heard $2 / 20$ at 2220 with slogan ID. (Merrill, Mich.)
1056 UNID. I. A. On $3 / 5,2210-2230$, Inst usic, U.S. not Istin, good signal, but weak moculation. Suspect YNII, Masaya, Nicarafua, as I think I heard the slogan "R. Masaya" at 2230 . Much splatter from 1060. YNL Iisted on 1050. (Merriman)
1064 GUMTEMALA. Somecne here on $2 / 70$ at 2148 , slagan seemed to be Mr. Novos". They also state their call letters, which seemed to be TGMN. Any ideas, anyone? (Merrill, Moch.) IRCA!er comes up with TGZ, Circuito $\vec{R}$. Novelo. (Ed.)
1070 JAPAN. LOF or JOPC here 0552 2/13. (FOX, Xukon)
1075 COSTA RICA. TIFC, Faro del Caribe, San Jnse, in good most evenings. Has English religicus programs 2200 to $2300 \mathrm{~s} / \mathrm{off}$. (Kelier, I11.)
1080 NOMT KOREA. Fyongang cutiet noted here after $05002 / 13$. (Fox, Yukon)
1090 HMWII. KHFI, Nonolulu, heard with an ID atop CX20, OMLK on $2 / 15$ at 0400 for a surprise, then they began news, with weather at 0404, music at 0405, when they took a powder. Hawaii th here in 26 months. (Merrill, Mich.)
1110 UNTD. A real mess here $2 / 13$, with Japanese, KFAD, a ccuple of URTD's, and a typFoal Pyongene hum behind all. (Fox, Tukon)
1150 JAPAN. JOKP, Kitami, taped for report $0330-0342$ 2/13. 111 Enclish showbiz selections. (Fox . Yukon)
1155 or 6 UNID. Heard breifly at $0140 \mathrm{~W} /$ "Lreakfast Show" in English, had American songs. The? (Keller, III.) Sounds like Vol-1126, Funich. (Ed.)
1178 RYUKYU IS. Von, okinawa, good nichts of $2 / 12$ and $2 / 13$. (Fox, Yukon)
1196 TnID. Station at $22053 / \mathrm{h}$, seemed much to we $k$ to be voh, unless using a different patterm. Procraming similar to the Russian proup stations (such as the one on $155 \mathrm{~L}_{4}$ ) (Danterfield; Pa.)
1200 CUSA. CMDD, Dayanc. Is this the Heloj Nacional Staticn heard 0410 on $2 / 21$. (Meri11, Mich.)
UNID. L, in- Stat: $n$ in here with good signal with Sianish news. (Schmidt, Pa.) Time and $\mathrm{D}_{\mathrm{e}}$ te??? ( $\mathrm{E}_{\mathrm{c}}$.)
1210 GUA. R. Reloj Necional noted here in addition to 1200 , all night. (Silvera, Jemaica) Me too, and as everyone says as Gordon Nelson would say, RATS. (Bd.) HAWAII. KZOO, The Cherry nlessom Staticn, Honolulu, longed at 0235 2/22, weak and fadine, but reported, and 2SL back already. (Merriman, Va.) JAPAN. JOOR, Osaka, noted fair 0100 2/13. (FCx, Yukon)
1220 COLONTA. HJST, R. Cordubesa, Wonteria, Ionged 044 $4-04553 / 8$ with very chopy simal. Many ranchero tunes and frequent ID's. In one of them, said "Diez mil watios de potencia," so is 10 kw , not 2 as Iisted. (Oeflarman, Texas)
1230 Jipan. JOGR or JOUK noted 0510 2/13. (Fox, Yukon)
1235 UND. Heard scmething here $3 / 1$ I think with soft music, but this could possibly Tave been slop from 12L0. Heard at 0530, but no chence for D. Could this possibly have boen ZMMI, Hamilton ??? (Thomson, Galif.)
1240 CHINA: Peking roct $05502 / 13$. (Fox, Yuken)
1259 INTT. WATEIS. KING, King Radio, heard test trensmission 3/1 2100-2215, and geve London ID. Said wovid be on regular schedule shortly. (Bledorn, W. Germany)

1280 NORTH KOREA. K.C.I.C., FYon yane outlet noted here after $05002 / 1 \overline{3 .}$ (Fox, Yukon) 1295 STIT MARTEN. PJD2, Philipsbure, in with a fair sicnal 2330-2400 $2 / 8$ with a man announcer, with sons. Detween sones, I think, he was readine letters from people. (Fartels, Wis.) Noted for first time 3/7 2159-2255; then again 3/0 ola70443. Hymns and announcements in Enclish. KOTL-1290 tourh. (Callarman, Texas) Good signal 0435 to $05502 / 23$. I believe s/on at 0430. (Merriman, Va.)
1290 CUBA. CMKF, Guantanamo, heard here often relayine R. Habana in English. (Silvera)
1310 CJDA. CWKC Circuito Provincial, Oriente, heard here all day since 1/3; looking back throu'h past IDXD's noticed I had not yet reported this cne. (Silvera, Jam.) JAPAN. JOLF, Tokyo good 0719 2/13. I gave up then and went to bed. Hed to work durine AM. (Fox, Iuknn)
1340 N.W.T. CFYK, Yeliorknife, letter cut requestine DX program. (Fcx, Yukon)
1367 POUND. Synch stations throuch with fair signal 2325 on $3 / 4$, but not good emuf to report. (Dangerfield, Pa,
1376 EJR. RUSSIA. Moscow II. I think has moved here from 1367 , porhaps to avoid QRMi from the Folish stations. On several evenines, noted parallel to Lvov-935.
*** (Ildcorn, W. Germany)
1425 GREENLAND. Thule EOCd AN 2/13. (Fox, Yukon)
1430-2 GREECE, Fyrgos heard every nirht after 1900, separable from the frerican mess. on 2/21, noted on 1430 or 1431 , prior to that on 2432 . ( $210.0 \mathrm{on}, \mathrm{W}, \mathrm{G}_{\mathrm{e}} \mathrm{man}$ )

* $376 \%$ FRMCE. R.T.F. Lilie, in with the strongestite signal of the season. (Dangerfd)

1440 CUA. R. Habana, s/on here with chites and $p \mathrm{~m}$ in $5 S 1700$, itirst heard $2 / 19$. (Silvera, Jomaica)
1470 JAPAN. Heard 2/13. Abrut 15 listed in P.A.L. (Fox, Yukon)
1484 TMID. This T.A. Graveyard channel alive the past we. s , but as usual, pretty hard to get any station up lone onough to ID. Hed an odd lancuare at 0003 3/4 for several minutes, but lost it. In past seasons, Itve losged $7 T F$ Arab program here. (Dangeriteld, Pa.)
1493 EStoNIA. The U.S.S.R. Station heard here isnot Gomel; last summer, a new powerfull USSi station appeared here, carryine R. Moscow foreien service. The 1965 WRTVH confirms location as Tallinn with 50 kW . ALJ FOREIGN SENVICE. (Ryden, Sweden) 1510 AUSTRALIA. 2NA, Newcastle, N.S.W. heard at 0415 in English with what scunded like a weathe rcast for N.S.W., into sone kind of talk progrem immediately after. WMEX carrier came on 0426 to muss 'em up, but still think I caught a time pip on the half hour at 0430. After this, they began playing piano music. Faded at, 0431. (Merrilll, Mich.)
1520 INTL. WATERS. Caroline South in weak here MM 3/1. (Schmict, Pa.)
1550 CJDA. R. Reloj Nacional heard here very weakly this MM 2/22. (Silvera, Jamaica) MEXICO. XEDG, Tijuane, D.C.N. I heard this baby under GEE at 0108 with a surris ID With call letters, With their strongth, mayle this one is the Mexican that used to QRM KFTF last Octubre around Tucson sunsct. (Merrill, Wis.)
1554 UNID. Russian here, probably Daranovitji, at 0702 2/13. (Fcx, Yukon)
1562 INTL. WhTERS. R. Veronica, North Sea, Netherlands, very goodat 0102 2/28. (Dengerfieid, Pa.)
1575 INTD. Carrier, very weak, heard on $3 / 5$, could not bring up any audio. Loop indicated Eastern Caribbean, sc possibly WIlS station reported here. I inquired in my report to Grenada about possible stations here, and also on 1430. (Merriman) A few 'weeks aro, I reported a WIMS station here. I don't know if there's one listed here now or not. I did not get a positive $I D$, and ny grounds for suspecting Windward Is, was the accent and J.S. music, and alse Esso gasoline advertisements On 2/26, I heard at 1701 Vo' news in Enclis', then local news, alse in Enclish, but si nal faded before ID. That same day, nbout 7 minutes later, Radio Union, Dom. Rep., came ul. If there is no WIis here, it means that either the Dominican has an Enclish news procram or it was another station. (Silvera, Jamaica)
1594 UNID. Another tough TA channel. I have a nice tape of musical procram at 0100 on $2 / 27$, but no. $D$. CSOL s/on at C20n, and was quite good the followine morring. (Dangeríeld, $P_{\text {a. }}$ )
1602 W . GFMMMY. Nurnibuere, very stron \& clear 0045 2/27. (Dangerfield, Pa.)
 with KY, linchorege, [ox 1960, and KFa, Wox 950, Farbenks. (Fox, Yakon)
647 ENGLND. DC, Daventry, Londen Cniline RSL arrived 2,3 , aftex being at a month. They specified frequency only, but with other evilence, I now take it to ke Devontry. Country H22. (Merrill, ifich.)
683 SPATN. R.N.E. Sevilla, Small attractive pemant and v/l sent by didifo Parra Mertinez, El Director, for Country ${ }^{4} 38$. (Callamen, Texas)
780 Vhezumid. Yod, Ecos del Torbes, San Gristchal. Letter in, Spanish, sicned by G. Conzalez Lovera, Director; also pennent; re my report of $2 / 12$. Actually this station still sems to de on 731. (Dangerfielci, Pa.)
836 FThNCE. R.T.F. Nancy, verie came in $1 / 15$ after a month for a most welcome on. \#2 from France for me. Sicner J. Prisot. (Merrill, Mich.)
930 ALASKA. KTKN, Ketchikan. V/工 by Eve? ynann Leitz, wokkec, er, OTH Fox 2347, Ketchikan. Owned ly Micingt Sun Ircadcasters, who also own KENI,KFA, and part of KTNY. (Fox, Yukon)
1045 PAMA, HOJ2, Ies Tablas. Received very fine v/l fron then for $1 / 17$ report. Shows power di 1000 watts, and frequency of 1040 , bat they sound much stron er. Verla sioner looks like Hilda Dominge for Silveric Villarread ir., Geronto General. (Thompson, Calif.)
 sent fine verie letter; mep of -0200 rutlets, and returred tape. Signer R.R. Arthur, fssistant to Head if Encineerinc, Vifland Tecinn: Verie $\% 700$. (Callorman)
1093 NIChinguh. Mo, Ie VGq dela Victcria, hpartado No. I47, Marequa, sent good letter verie, pert in Spanish, Jart in bingish, alonc with view cark Verie specifies 1093, thrach letterhead shows 1100 , with 5000 watts. Siener is firio Elberto Solis h., Gerente. (Callaman, Texns)
 Iisth noto fir $2 / 20$ report. Siened by 0. Mmlon. (Thompson, Calif.)
1450 AiAK 1. KIM, Cordo a, Russel H. Sawyer, station manager, wants reports. (Fox)
1475 DATOMEY. Cotonou. Faney verte cari confirms ay $9 / 28 / 64$ rocotion and took (1) follow-up to ret it. Somerhat of a milestone as this is country \#90 verified. (Danerfield, Pa.)
::t:: : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
DOMESTIC TIIEGL OPERETCNS. Please report these to Ernie Gcoper in musins .at or
to your local. rCC man. Jefieve they do not fall within, the perview of the I.D.X.D. Section. Thanks. (Ed.)

SOVIET UNION. The "Racio Mayak" promams from Toscow ncw are broadcast on the followi ing frequencies ell night: $1277,1511,1570$, and the new cne on 1585 , 6 , or 7 (?). There is a heterodyne tone of 1,000 ar 2,000 cyclos coused to the $\mathrm{G}_{\mathrm{c}} \mathrm{rmans}$ on 1586 . I see Pete Taylor reports this one, and there are three possibjitities. 1) Pete has made a fine catch (Eur. iussia); 2) I have made a fine catoh (is. lussia); 3) there are now 2 new Russiens, one in Eurcpe, one in Asis. (Ithurn, W. Germany.)
 WELI, DICK COOPER, they felt sumy for us this week. Here are the reporters $f$ r this tine: 1) Wiliam Jartels, 511 entrood Lane, Greendele Wis. 53129; 2) Rolf lodorn, 6301 Aliendmf, Postfoch 26 , W. Gimany; 3) en Dancerfield, 202 Govern.r's Drive, Choster, Pa. 19013; 4) Lee Fox, c/o J.K.H. Mines, Calumet, Elsa P.O., Yukon Ty. 3 5) Renci Keller, 23 Sauk Trail, Perk Forost, Ill. Gou66; 6): Frenk fermill Jr. 1003 Saline-milan Road, Milm, wich. $40160 ;$ Man Merriman, 6559 Montrose St., Hlevaniria, Va, 22312; Lars K. Rycen, Smedvagen 12, Kallhall, Swocon; Dave Schmidt, 44 Oreen Lene, Green Mide, Chester, Pa. 19014; Hichal Silvera, 5 Trenton dve, Kinston D, Janaica; David Themson, Rte. I, Dox 101, Suisun, Calif. 94585 .

Remember, as thoy sey in Maracaik, Venczuele, Yes, Virginia, Mermiment Veckons t. Cedar Renicis.
(Thntishan worriment ... and his eod budy, Jerry Comrade)
 Froq. Cull, Locution, Romurks
540 CBT Grund Falls, NFLD Is not AN, Hrd here eusily in PM, but only WDAK here on MM's. E.f. Cooper
550 WGR Buffulo, N.Y. Off AN, Skod. 6:00 AM 1:00 Ah sturting 3/7, Johums
WGTO Cypress Guriens, Flu. S/off 6:45 PM. Schmidt
540 WDXN Clurksville, Tonn, S/off 7:00 PM., Schmidt.
620 WCAY Cuyce, S.C. S/on Sunduys © 5:59 AM. E. R. Cooper
620 WATE Knoxville, Toun. Sunduy S/on is 6:00 AM, E. R. Cooger
620 WTRP Lu Grange, Gu. Sunduy $5 / 0 n$ is $6: 03$ AM., E.R. Cooper
630 C??? WHO? S/Off here on on Mail $3 / 1$ ut 2:33 AM w GSQ? Weinstein
900 WHLN Philudelphiu, Fu. Now S/on 6:30 AM, off ut 6:00 PM. Sclanidt
900. WRV Booneville, N. Y. March S/off is 5:57 FM. Jerry Bond

910 WVIT Thito River Jct., 林. Murch S/off 6:00 PM., Bond.
920 WJAR Providenco, R.I. Anournced us boing AN regulur on $3 / 4$ SEU. Johuns.
930 WKSP. Milford, Del. S/Off 4:30 PM., Schmidt.
940 WINE Brookfield, Com. Murch 5/off 5:59 PM., Bond

970 WVOP Viduliu, Gu. Wookday S/on 4:57 w'Dixio'. BRC. (Duy ??2Johums
1230 WINF Wunchestor, Comn. Sunduy S/on is 6:33 AM., ERC
1230
1260

## 1260

1260. 

$1260^{\circ}$
1270
1300
1300
1310 NDOC Norgutow, W. Vu. Sun. S/on 7.00 AMo, Jis
1330 WDOC Prostonburg, Ky. Nookday $\mathrm{S} / \mathrm{On} 5.15$, hird $3 / \mathrm{s}$, , JuB
1330 WPOW New York, N.X. s/On MOn. oWod.-Fri is 3:55 AM, Sun. 6:00 AM. ERC.
1350 WORK York, Hu. Woekduy S/Ou is 5:00 AM., ERC.
1350 What Luconiu, N.H. Murch s/off 5:43 PM., Bond.
1350 WCHI Chillicothe, Ohio. Weekday S/on botwoen 5:28 \& 5:32 w SSE \& Duy by-Duy With Jusus". Johumns.
1370 WLTC Gustoniu, N.C. Wookday S/on is 4:30 MM., ERC
1380 TrOB Winston-Sklem, N.C. S-9 plus in NYC urea on SM's from 5:00 to 6:00 (silent poriod at WBNX) ERC
 4th Monday 12:05 to 12:15 AM. Josoph V. Jones.
1350 WNVA Norton, Vu. Weekday S/on 5:32-5:37 AM. Johums
1410 WOTT Watortown, N.Y. Murch S/off 6:12 MM., Bond.
1410 WDOV Dover, Del. Murch s\%off 6:15 PM., Bond.
1450 WIZS Fenderson, N.C. Sunday S/on is 5:00 AM W SSB. EHO.
1450 WIM Wilmington, Del. Duily sked 6:00 AM-1:C0AM. (minmsut.) Jones.
1480 WDAS Philudelphit, Pu, is 5000 whtts 6:30 AM to 6:00 PM, 1000 nights. Schmidt
1490 5aEX Chiliucothe, Ohio. Weekduy s/on 5:29 AM w SSB. Johunas.
1520 WCHE T. Chestor, Pu. Murch sked. 6:45 AM to 6:15 PM. Schaiat.
1520 WIDD Elizabotbton, Temr. Fud ET/Mx on 2/22 12:30-1:00 AM. Culd be mouthly
1520 WSLT Oceun City, N.J. Still using this cell, hrd GPM on 3/5JWhtost., ERC.
1550 WJIL. Jucksonville, Ill. Hud TT/FC on $3 / 1$ 1:45-1:55 AM. Weinstoin.
1550 VMTR Luko Geneva, Wis. Murch sked 7:00 AM-7:00 PM viu unus 3/9. JWis
1560 KABI Abelene, Kun. Hud TT/FC ut 1:00-1:15 AM on 3/7. Weinstein.
1500 WDXR Puducuh, Ky. S/orf is 1:59 AM., Weinstain.
1580 WZKT Albomarlo, N.C. Warch s/off is 6:45 PM. Bond.
1580 KYND Tempe, Ariz. Wen't to 50 KW 's on $1 / 1 / 65$, what's faill time, Woinctoin.
1590 WVOS High Point, N.C. Murch $5 / 0$ ff is 6:30 PM., JWB.
-129C WTUX Wilmington, Dela. Heros yeur's schedule for WTUX, mke u note if you nooc
it. Weokday S/on is 5:30 AM. Suniuy 7:30 AM. Sigu-offs ure-June-5:00; Feb. -5:30;
March-6:15; April-6:45; wiy 7:15; June \& July-7:30; Aug.-7:00; Sopt. 6:15;
Oct.-5:30; Nov. a Dec.-4:45 PM. Thurks to Joo Jones.

- 540 KFMB Sun Diego, Cul. Noves to 760 in lute May or urly June, viu Vori, Woins Thuts it. $\mathrm{FC}^{\prime}$ s etc. in next issue. Thanks men, unother fine DXDD puge. IWB

