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MAY lst, 1971
NUMBER 26
"I appreciate most of all the technical articles - loops, direction finding, etc, in a day when BCB DX'ing is rapidly fading. Most of this information is priceless if one wants to do serious listening." (Dick Nelaon, Ca.)

VOP MEXICAN LUST - J. Murley \& H. Helms
SUPREMACY RATINGS - N. Maguire
Y.A.D. THINGS GOES GROK! - Stosh Kowalski \& Friend

PATTERN CONTROLLED LOOPS - G. Nelson


NEW NRC MEMBERS THIS WEEK...
*Iohn Nicholas, Jr., 2848 W. 83rd Pl., Chicago, Ill. 60652
*David Hallwhich, 23336 Edsel Ford Ct., St. Clair Shores, Mich. 48080
*Tom McCormack, 275 Littleton St., W. Lafayette, Ind. 47906
*Dave Hammer, 620 Third St., NE, Massillon, O. 44646
*Joe Phaturos, 1512 Spring Garder Ave., Pittsburgh, Pa. 15212
*Frederick Hendricks, 11 Ravina Park, Decatur, Ill. 62526
Welcome to the NRC, gentlemen, we hope to be reading of your DXploits often here in DX NEWSI Your New Member Kits are being prepared now and will be reaching you shortly. Why not send Ernie Cooper a Musing and introduce yourself?

RENEWALS THIS WEEK...
Luton. . . Bruch... Schatz... Thomas (P)... Dabelstein. .. Bond. . . Veio... Gipe... Racis... McCord (D)... Blumenthal. .. Musco... Howington...

HAPPINESS IS BEING BACK ON SCHEDULE! Michael Gerstein of COPYCOP in Boston has done a great job of catching up our printing backlog following our cancellation of the contract with our former printer. If all goes to plan we'll be advancing the deadlines in the near future to provide even faster delivery of DX NEWS in coming issues.

A two week skip between this issue and Number 27; two weeks then to Number 28; three weeks to 29; then monthly until the end of Volume 38 in September. Exact editorial deadines will depend upon how our new printing arrangement works out; hopefully we'll be able to announce improved editorial deadlines next issue.

## THROUGH A XEROX GLASS DARKLY...

Here at $H Q$ we're rapidly accumulating the world's most complete collection of faint and ghostly QSL copies. Please - when you get your verifications copied for inclusion here in DX NEWS, instruct the machine operator to turn the contrast up full! Offset is a high contrast process; if your QSL is too light (or if you're submitting an article and have used a worn-out typewriter ribbon) there's a fair chance you'll get hit with "breakup": light and indistinct printing here in DX News. The best rule of thumb for passing upon QSL's and other material for direct inclusion here in DX NEWS is to compare the copy you're submitting with a newspaper; if the letters in your material appear fainter than newsprint, chances are we'll have trouble reproducing it directly. Note that this applies only to material to be included directly in DXN such as QSL's, articles, and clippings. If need be we'll retype faint copy but naturally we'd prefer dark and clear original copy to begin with...

## ATTACK OF THE NRC HQ COMPUTER...

Jackie Rossier has spent her last three weekends in a most tedious and miserable task: entering the entire NRC membership file into the computer. Chuck is now putting the finishing touches on the programs to print our DX NEWS mailing labels and hopefully the new computerized addressing system should be in operation the issue after this one. The job of switching from our antique Addressograph system to a computerized system has been very difficult and time-consuming; almost 600 names, addresses, postage classes, and expiration dates have had to be transferred from Addressograph to computer, proofread, and proofread again - all the while with daily address changes and new members to complicate matters. Most of us here at NRC Hig happen to be computer "pro's" so we've done our best to reduce possible errors at the time of switch-over to an absolute minimum; neveriheless a few errors are bound to creep in no matter how many times we try to proofread the new computerized mailing list (he who contends that a job of this magnitude can be done without error will be appointed Chief $H Q$ Proofreader...). If you find an error in your mailing label or don't receive a DX NE WS within a reasonable time (only if you're a Third Class member), please let us know right away and we'll correct the problem. Lest anyone wonder if it's really wise to switch to a computerized system, let us offer the following. Our Addreesograph requires a $35 \%$ metal plate for each new or altered address; Multigraph-Addressograph usually requires 2 to 4 weeks to supply us with new plates. Each issue of DX NEWS requires about one man-hour of what we here at HQ rather misleadingly call "banging" - inserting metal plates and DX NEWS into the machine and performing all necessary operations... The actual machinery which transfers the address from plate to DXN is rather old; originally designed to be powered by galley slaves, the HQ Addressograph machine sheds an irreplacable gear each week now... We hope the passage into the 20th Century will be as painless as possible!

## SPECIALS

$\mathrm{Kc} / \mathrm{s}$
1540 Camden, Alabems
watts A.M. E.D.T. Info: Wed. Apr. 28 W C OX 1540 Camden, Alabema 1,000 1:01-4:00 NRC/IRCA Mon. May 3 W D L C 1490 Port Jervis, New York 250 Bet. 12:30 \& $1: 30$ NRC-f/c Thu. May 27 KWY S 920 West Yellowstone, Mont. 1,000 3:45-4:00 IRCA-r/c FII. Aug. 27 K W Y S 920 West Yellowstone, Mont.1;000 3:45-4:00 IRCA-r/c Sat. Nov. 27 K WY S

WDLC-1490. This very rare catch - even in the North-East - Will be making a frequency check with Cambridge Crystals on Monday morning, May 3rd, be mand mor millate with receives a telephone cycie tone, and plenty of IDs. Ther address is correct as it music and a me NRC Iog, but the mame of the person at WDLC is INCORRCT as listed eppears in the NRC Log, but the pame of the person at WDLC is INCORRCI as listed elsewhere in DX NEWS - in Russ Edmunds' section. Russ does not have the correct
name, so piease send reports to the Chief Engineer. This info was received via telephone from Russ Edmands by your Editor. A tougn channel, but a choice logging, so everybody within possible range - go to it:

WWLE-1170 had a half-hour TEST on MM $4 / 19$, but alas, there was not time to notify the members. Perheps they' 11 come back again at a date next season!
Krys-920 is regular frequency check, quarterly, on the 27th of the momth and is NOT dedicated to any Club. Reports should be sent Mr. John Stanturf Station Manager. KWYS uses cycle tone on their check, and could break through for a lot of us - give them a try 1 The time of the check is 1:45-2:00am, M.D.T. In May and Septomber, M.S.T. In November. Info from Jim Adams of IRCA.

CONGRATULATIONS!
This time we extend our heartiest felicitations and best wishes for a long life of wedded bliss to NRCer JOHN TULL of Kanses City, Ko. and his bride, who were married on March 19th!

NEXT ISSUE IN
NEXT ISSUE IN
1010 W PM H Portsmouth, Va. (deytime ETs, w/OC \& IDs)
DEADLINE IN 1540 W K C B -----, Ky. (now on RS) 1580 W H EX ex-WCOY) BROCKIYN WILL BE TEUESDAY AURIL 29.

## BASEBALL NETWORKS?

If anyone has the list of stationa on BCB carrying major (or minor, for that matter) baseball games, please send them in for listing in DX NEWS. The Sprting New let us down by listing only the key stations for each of the 24 major league teams and the number of supplemental stations on their network.

## MUSINGS

With our publication, problems apparently now straightened out, won't you old Mue ers come back and give support to this section of DX NEWS? de 're planning to continue as Faltor here in Brooklyn at least for another year (our 26th). But we need Musings of the Members - what say, MEMBERS? Are you with us?

LEN KRUSE - (vacationing in) - Washington, D.C.
The Kruses are spending a week in the nation's capitol on vacation. There is so much to see and do. Regards.

DON EGGERT - (vacationing in) - HOLIDAY INN - New Orleans, Louisiana
Can you dig this stationery? (Yes, I'm digging a hold out in the yard, hi -ERC) I am actually in New Orleans on business-vacation and just love Dolly Holiday and AN mx, hi. 73 \& $H I$ AN.forever!

BE SURE TO DOUBLE SPACE YOUR MUSING, AND REMPMBER EACH MEMBER IS ENTITLED TO ONLY aNE MUSIMG PER ISSUE, OF A MAXIMIM OF 30 LNNES. NO VERIE SIGNERS IN MUSINGS!

MUSINGS

HBL ROBIE - 273 South Street - Medfield, Messechusette - OCO53
It ${ }^{\prime}$ g been $\varepsilon$ long time between Musings, and longer still since any worthwile contribution. Work has taken on a new dimension with coverage of 11 of Eastern Mass. So time to DX has gone from zero to $=0$, hi. I 11stened $3 / 6$ \& was surprised at the number of TAs heard, including U.A.R. on 773 (3 5:30 which hasn't been noted recently. I was iatending to report catches to IDXD, but items were no longer newsworthy by the tima $I$ sat down to write. I took heart with two veries reported from Libya se sent them a tape made the night of Nassar's death. This one was very well heard on 1124k 5:43 back on 3/6, incidentaliy. I still intend to get a new RX. The old $S-20-\mathrm{R}$ hasn't had a new tube or re-alignment in years, so I often wonder how I hear anything. I still enjoy reading of others' DX \& I'll be back in the fold one of these days.

CHRIS IUCAS - 89 Round Hill Road - Fairfield, Connecticut - 96430
It's been a long time siace I last Mused, but I'm not very active on BCB any more. I'm home from Cornell this week, \& I did $\log$ two new ones.
3/29-CFCB-570 © 1:29am easy W/WMCA off now MMs, o/u WKRN \& a general comblamoration of noise. 4/3-WHIW-1170 Lakewood, N.J. now second on this chamel daytimeto WWLE, logged © llam. Other loggings in the past year: 4/1/70-WKOX-1190 @ 6:27 pri. 6/13-WVLC-1170 Orleans, Mass. far u/WWLE © 2:59pm. 8/30- WORR-1530 Wanchese N.C. @ 11:04am, this one is my most distant regular groundwave daytimer (or should I say sea-wave, hi) $u$ /WELA. I now concentrate on $F M D X, \&$ would like to heár fron any FM DXers in the Club. By the way, WHKO-jho has finaliy purchased land in Danby, N.Y. for erection of nighttime directional array, from which they will beam their signal $N$ toward Canada. They may be on with nightime operation sometime during the Sumer. 73.

DAVE WHATMOUGH - 284 Main Street West - Hamilton 12, Ontario
As of $3 / 28$ total loggings have reached 1,649 with 25 new ones so for this year. Thirty-six veries received thus far for a total of 836. Some of the better veries include: v/q- KIWO WKTE WIBS-535 WJMA KLAK. v/f- KILO WKVI. v/1- WORV WIMT. DX as follows: MM 3/22-Only item of interest local WGR-550 off for first time in years so log taken on WSAU Wisc. $3 / 25$ - SSS logging of WEBC 1330 through local WRIE while desperately trying for wy closest unheard, WEIW. $3 / 27$ brought three new ones w/r/cs per IRCA $f / \mathrm{c} 11$ st - KIML-1270 © 2:15 (Wyo. \#3) KNBI-1530 Kans. © 1:10-1:20. WABD-1370 Ky. © 1:45. 3/25-KRGI-1430 e 1:55, also per IRCA $\mathrm{f} / \mathrm{c}$ 11st. SM 3/28. WEYY-1580 Ala. EI/TT 1:45-2:30 w/one ID © $2: 15$, completely covering the three ANers. M 3/29- WISE DX in I\&C o/CKOY/WIFE/UnID THer. Local CHNO-1250 have put up four more towers during last two weeks. CE says taret date for lokw day \& 4 kW night is $4 / 15$ if all goes well. Watch for them during April. I have about 300 CNs to trade \& more coming every day. CN collectors, please write. 73 s for now.

RICHARD CLARK - 4110 Bayview Drive - Fort Lauderdale, Florida - 33368
Well, thanks to Ron Schatz I now have uni-directional cardiod loop and it's the best antenna I ever had yet! I can get rid of all U.S. stations for LA stations! For the first time I get WQBA-1140 at night w/mo WRVA! Also WINZ940 for Venezuela, WDBO-580 for WKAQ, WPTF for WAPA-680, WPAB for Colomb ia-990, CMW-590 for XEPH, WTOP-1500 for XERE, WACG for XEVOZ-1590, WSUN-620 for HISD, and WOMA for WVOJ-1320. This is a MUST for all DXers who want to get stations on the other sid3 of your loop. Also I wanted to say I now habe a loop on my car, to $\mathrm{D} X$ by. It looks a little strange, but great for DX. Good DX.

HEXT ISSUE IN TWO WEEKS; NEXT AFTER THAT, IR TNO WEFKS: AND THEX THE FOLTOWING DIE IN THREE WEFKS! WHY NOT MAKE SURE YOU ARE REPRESENTED IN YYSing BY SENDING CNE IN FOR EITHER, ANY, OR ALL OF THESE ISSUES? IHE DX IS THERE - LEN'S HEAR ABOUT II'

JOEN TULL - 5539 Oak - Kansas City, Missouri - 64110
Well, not too much DX to report due to getting married 3/19. I have hell, not too much DX, report due getw received KRC, a local college carrier current station on 760 k . I sent two reports \& still no word from them. I guess I will visit them and try for a verie that way. WI latest project is a loop using ten ferrite cores. I will try to use two or three turns on each core and a $2^{\prime \prime}$ FET amp to boost the signal. I am just starting on this - I sure hope it works out. I might add you can buy Hi-Q ferrite entennas for $5 / \$ 1.00$ from Meshna, Box 62, East Iivnn, Mass. 01904. Their minimum order is $\$ 5$. Their catalog sure has lots of goodies. About my only DX lately has been WBBMin the daytime \& a few Canadian stations. I started at the low end of the band and now have logged a station on every frequency to 960 , so you can see I have just started really DXing. I just received a verie from WNOE New Orleans for daytime reception (12:50pm). Sane ground wave, hi.

PAUL K. HART - 2105 Muse - Fort Worth, Texas - 76112
MA $3 / 22$ was quiye a surprise. I was able to copy KOTN-970 for a couple of IDs between 2-3am for wy first Oregon. After KOIN s/off (which was lost in fade) I heard a weak NX program. I was positive I had heard the call KGMB trice just after 3am \& heard a time check at 3:05 given as 10:05. Only Hawailan here is KPUA, but I was sure I had heard KCHV, not KCMB. Only on complete \& careful replay of tape did I realize I did copy KPUA-970 w/KGMB NX. Copied were many references to Hanolulu, WX for Hilo \& vicinity, including clear copy of times for high \& low tides, \& the KGMB call twice, so clearly as to leave no doubt. Just shows that you should do your homework, as feference to back isaues of IDXD and call to $R$. Wood revealed that KPUA // to KGMB is normal proceedure. Haweil \#2, \& w/KAKC on, \& nulled - bless the loop. Biggest mystery is where was WFIA? They must have been off, as they usually flatten 970 here Mis, making copy of KAKC difficult. I heve received thd SM-1, de luxe version. fulls are very poor compared to the big loop, signals average only 2 to 3 s units higher (and big loop is not amplifled) and splatter is much worse using SM-1. It is still a remarkable device for its size \& will be spectacular compared to a longwire. Another important point is that with the $S M-1$, a quite ordinary RX can become a tol erably good DX machine. If you have a big (altazimuth) loop, with plenty of room \& a good RX, the SM-1 will be a disappointment. For me, it means my Fisher 90-T can now be used for monitoring, and that is quite a help. It certainly should be a fantastic improvement to mary who do not have much room or very good equipment I intend to keep mine, but my serious DXing will still be done w/the air loop.

DR. RICRARD E. WOOD - Dep't of Foreign Languages - La. State U. - Baton Rouge La. Not much to report, but a few veries still drift / 70803 In for Hawailan reception. KABL- 960 Cal . and much manted, CFCP-1440 B.C., one of uy best Canadian catches there, \& BC \#15 verified. Don Erickson of IRCA has kindly offered to run off the ditto sheets giving full statistical details of ay receptions in Hawail and make them available to members of both clubs agaimst SASE. These will soon be available \& may provide some interest for the student of propagation, e.g., to dee which U.S. mainland stations make it over there. Stations verified will be marked. These will be available from Don, not me. DX last MM 3/29 was ruined by thinderstorm directly overhead, the kind of thing that never happened in Hawaii.

ROY H. MIIIAR - Box 851 - Everett, Washington - 98201
 -1180 Rio de Janeiro, s/on @ 3am. 3/15-WORV-1580 Hattiesburg, 柆Ss: fye irom 3am. 3/29-KPEL-1370 Corona, Ca1. DX TEST from 3:O7am to s/off @ 5:58, ranging from barely audible at start to strong at ciose. Viries: WBCM- 1440 WIOK-1440 (both 500 w ; former joins three other Mich. 500 -watters as best verie from that stete). Previosuiy meported logging of WROK-1440 on $2 / 22$ was incorrect - it was WIOK! 73. (Sorry above, Roy \& others - me trustee typeslider slipped -ERC)

THIS IS THE YEAR FOR NRC'S GOLDEN GATE CONVENTION IN SAN FRANCISCO! SEPT. 3 - 6

ErIC DIfICC0－5t0 Gellion Avonue－Pittaburgh，Pennsylvania－ 15296
Qreetings fron the DX eapitsi（s）of the vorlat Pittsburgh－Youngs－ tomr．CK are deterigornting here，mas usel for April，and not too mery nev gha－ tions are coeing in．Sot too mary DX KBEBes on time aither，hi．Veries aye alow eomine in here，too．Latest are KO80－060，WSPh－950，CFOR－1570（on a f／ap），UCMY－
 atate $\$ 36$ veried，in the form of KONT－060．CPOR＇s whes a reni gen．Scoe goon， vhose nane I cannot dectpher，put＂CX＂and al goed it in chicken scrami！Latent
 bent fron $1: 15$ to $1+30$ ．I don＇t know if $1 t^{\prime}$＇s a r／C．smyngy，it wes in IMC， which 1 an＇t bed for 250 w ．A report out．Then on $4 / 6$ ，Dear loonl 5Ss，I vna lis－ tening to local KMY Ph．on ay old five tube Sylvania．fayvity，suddenly VIMG started ooaine through．They nteged audibie u／KCV for about five minutes．Luck－ 1 Ly ，it was on the hour to an was hewrd．Incidentaliv，wmo vas handiy mudible
 They teated from $6: 45$ to arter 7 pas ．Wo The of course．They vere headed $\mathrm{B} / \mathrm{s}$ from bere．Amy ldeast I＇d like to officially veleome Bob $\$ 1$ mpecn，nrea moer，to the Club，and say that we should be getting two more in soon． $80_{\text {，}}$ ，na we we been say－ ing here：crint．That is，Gomention In Phtaburgh－Youngstown Jeort year．T3s．

on $4 / 2$ I Journeyed up to Wellfleet，Mass．vhich is located on Cepe Cod＇s eantern shore to mee thet deytion CX are like w there．I laft fyen－ mis with bigh bppes of hearing a fev stations from Canada＇s Maritine provibces in
 CTEF－980 $\% .5$ ．veak but audible u／HTAR 12：05－distance is about $3 B 0$ miles！CFBC－
 Bulletia Boerd 12r21，fairly veak but ligtemable；the apet ansaing phenowemon，
 Bodton（tover in Belmont）about 65 miles awny is St．John，H．I．is around 340 ailles yet CIBJ pounds the heck out of UCOP！Another exsample of total unterpeth recep＝ tion CX．CPA－1OTO M．B．，van nlao，needlens to ma，quite strong．Since $4 / 2$ I have noticed that CFRC＝930 is sundible slnont apywere on the Cape ofu What except
 Fin．felr v／iII e 1：10，no ID $t 1111230 \mathrm{u} / \mathrm{unID}$ OC，CKPII epparently off．UnID gSes．

 tiee 8 3；＂Date Union＂by YL，＂F．Thion＂by man．h／3－R．Angu111a－1506n very veak 99 s／ort，but quite loud next any w／religlon progran $7-0 \mathrm{jan}$ ．They have chtmes a ID on hour is halr hour；country 661 heard． $1064 / 5$ horrid send－Aurorel
 clear w／chant ing 6：52－7pen／off，country 662.73 froe Bruin Country．（Gee，I never tian a bear on Cape Cod！－zpe）
cuarcis K．Inchs－ 59 Kenilvorth Street－Ottevs，Ontarid
With the to Jeasce draving to a cloee and not belne a bellever In sumer Ix ，here is s sumary of this aeason＇s sotivity．I atarted the sessom with a heard totel of 505 ．I bought in used $38-149-x$ for +90 变 bsve been nore than plensed with it．It＂a ralisble，selective is mensitive a well worth the mon－ ey．Blght new atates vere added，raising the total to 42．They verei Utah（KBLS

 completing Cannds．It wee B．C．（CBD）．My fIrat This vere hesrd，thanks to the


 $42 / 4010 / 10$ 23／12．CxPM－1 140 won ita Bupreme Court appeal by a $5-4$ ansin．Bince ita inception seven years ago capm has been plagued by finmilal woen．The crgC－
 FFCs in Ot tave？－SRC）Dhey nlrendy have approvsl．Hoperully their pev Soky XR

Wil not produce an alopgy a signal en their present loky one does．Fattern will be the sane，N／S，with null to Enaliton．Fy the way，CKFM－1／40 van off the alr for mach of the efternoon of $4 / 5$ ，leaving Hoo－1440 v／e cleer stgnel．HEgO would be a daytine regalar were it not for CKPM．CXCM was alno off $/ \mathrm{JH}$ of $4 / 5 \mathrm{-4} / 6$ ， lenving WAAB w／en incredibly strong Bignol．CKifa still s／off 6 1．A nice phome vall fron Wayne Plunkett sha a $n f$ oe visit to Jerry Ceborne＇s house．He has soor exotlleat verfer．Good 11 Bteninet

SETIH BTRIITGMAIH－Foute 3 －Hions Fond－Belois，Wisconain－ 53511
H1 everybody－soon questions 4 tboughts to contribute，as most of the me is in DNXD is my other Masing－A quastion for GFI，I．Conrsb，or saycoe else who alght be able to snaser it：Is it posaible to have a Beverage nntenne of about $600^{\circ}$ in a atralght 11 se a then bave a lu0－gard right angle to the g？Would it help．to Increase the leagth of the Joh，but decreape the angle？ That＇n the sibuetion bere $v /$ the fence 40 yanis $y$ or the house，I can＇t build a new fence of cut sceross the fleld，becease it＇s not our land．What can I dof （Buy it？？－sRC）Fext question．Does hal－1160 verify？Next，wen＇s the LA Lon
 Hou the thpughts．Amycone who woula like to strike up a correspondence，Just vrite，that to you do when your fathir won＇t let you write for Cuban verles，be－ couse it mipht，blacklist unt $I^{\prime} v e$ beard six，but can＇t conflira siny．（He＇a fachmy Kelth－NRCers in the P．O．ann confira this－FAC）Now the DK，nil 3／B．WBCK－930

 atrangly，but at！ 11 difficult to underatand．I have the 3 sn ID on trape（csisette） If sonewone would careco translate．I can got the location s the R．Tropleal parts，\＆there $18 \mathrm{~m}^{2} \mathrm{t}$ 日uch acre．They had lots of mx，te wat gonnied tike IDanf－ ter every sing．I couldn＇t record XgQ becnume I only found the rierophope $3: 2: 45$ Going backvends an gamin， $3 / 27$, WTL－1430 in for two alautea conly，too bad．WDGY－ $1130 \mathrm{w} /$ the Motown Story，having problene w／WISN／WCAR．CKOC－1150 w／rr e 4：17．
 I coule not underatend the The out．The unID had eonstant MoR．The problem is



 Dow：3／23－OMC－690 in poorly v／einging \＆talking 6 9：20．ONW－590 was in 6 ． 11 53 on $3 / 19 \mathrm{w} /$ recogntrable songs．So，that＇⿴囗十心 it for nov．C U 10 7 ．

EFEESI R．COOPER－ 436 Eant 21 St．－Onrrier Fioute 56 －Brook 1yn，H．Y．－ 11226 I man aory sbout the sixup on the HaNC－1050 TVST－they vere on one week inter，to avoid WHN，and they rolled In nionly ofu Crith lere，with in very friendly TseT．They had assic by＂The All－Btars＂！I moted unn KiQh－cho on






 There wall also HI an 1300 ，venk． $\mathrm{KYu}-1060$ wns the HI on 960 ？I noted her e $1+3 \mathrm{~A}$ teater on 570 why o／WKCN v／guiter wr，but not on this $\mathrm{me} \mathrm{w} / \mathrm{MX}$ ．Who wes the loud 3106 ，than off briefly，then back w，but not o／v atyle？They were heard e 2tap－ 3106 ，than off briefly，then beak w／veaker algnals，Indicating a different pes－ tera wall in use．I feel it had to be WOM－Was it？ $4 / 13$－I noted umn WayL nad WEII－g60 up／down，both vith a sportsesat，e $6: 15-6130 \mathrm{pas}$ ．We11，I dx allyear－

 int twilight tias．For those who work deys，it givell us it chance to do nome liss DKins，es tiviligt time is nfter ver＇re hooe froa vork！And，if yo fo followe Bss as all sbout your DX－copedest Uelcone to our new Fublisher！Cingrepoff mat te 12

JIM CRITCHETT - 1504 Glenwood Drive - San Diego, California - 92103
My report dated $1 / 4 / 71$ was not published until the Jbn. 30 DX NEWS, received here $2 / 1$ via Air Mail. Between $1 / 26$ and $4 / 6$, reception reports have gone to KOAC-550, heard u/KOY Sat. 3/20 1-1:10am EST; to KTHS-1480, Berryville, Ark. heard on its r/c, fourth Monday, 5:30-5:40am; to KGUY -1270 Palm Desert, Cal. heard 9:32-9:55am on SM $4 / 4$ before XEAZ s/on; to KJST1420 , Joshua Tree, Cal. heard from 8:16 to B:31am MM 4/5, until XEXX $8 / \mathrm{on}$, and to KBPR-710, Denver, heard from 4:07 to 5:0cam 4/5. KMPC went off (3 4:07, to return at 7 that morning, the first MM of the month - RJE, note. Verifications have been received from kFKU-560 for 10/25/70 reception, after a $f / \mathrm{up}$; KNEW-910 heard $1 / 24 \mathrm{w} / \mathrm{KDEO}$ off temporarily; KDNW-1010 for 12/31 PS W/CM; KIIS-1150, Los Angeles, after f/up; KRDS-1190 f/up; KOBO-1350 Yoba City, Cal. on RS \& KTRS-1480 w/OM. D iinquents are KSOM-1510, KMPG-1520 \& KRGO-1550, a previous non-verifier also. F/ups out to the three. Ralph Smaorino of Huntington Beach made me a balanced $2^{\prime \prime}$ FET BCB Loop, and it certainly has improved ay reception in all directions. Best of DX \& verie-collecting.

BOB KARCHEVSKI - Box 3151 - Daly City, California - 94015
4/3. After all these months, one more report.
As for $D X$,
i. Feking in like a local (almost) on 1040k on $3 / 29$ from 6:49 to 7i04am. Also on 3/29 I logged WNOE-1060* (*-veriffed) 6:33am s/on to 6:47 when KJPD startet an KI and wiped oun WNOE. CFCN was easy to null (unusual with the Space Magnet I'm us-
 6:10am. WOAI-1200 on w/HI © 5:40am. KIIS-1150 on W/ET 8 5:3lam, verie said SP was MM 5-7, EST. I relogged KLAK-1600 for another try ata verie, 4:45-5:21am w/ QRM from KWOW (another hard verifier). Going back to $3 / 23$, I heard in voz de cuba on ' 120 o/WGN, 11:59pm. On 3/22 I heard KAGL-1560* EIT $4: 30 \mathrm{~s} / \mathrm{on}$ to $4: 55 \mathrm{~s}$ /off. They were very good, quite clear, with non-directional signal slightly better. I must say I was disappointed with H . Helms' idea of a $\mathrm{v} / \mathrm{q}$, but I'li bet he got over 100 reports \& writer's cramp. Harry, why bother writing your return address on each card? That was $33 \%$ of all writing on the card \& a Georgia address detracts from the authenticity of the $\mathrm{v} / \mathrm{q}$. I logged KJOY- 1280 and KIT also as they fought each other, 3:34-4:12am. These two were strange since both are $1,000 \mathrm{w}$, yet IIT, 650 wiles to the $\mathbb{N}$, was better then KJOY, 65 miles to the E; obviously due to KJOX's mall in my direction. See you all in San Francisco (don't call it Frisco!)
J. ALEX BOHAB - RD2 - OI Division - USS Forrestal - FPO, New York - 09501 You who were members circe 1960 will remember Jim Ernst, then of CKBW-1000, N.S. January 25 Broadcasting magazine want-ad section carries a "situation wanted "for him -- he's at Apt. 310, 20 Graydon Hall Drive, Don Milis, Ont. Musing from Malta: BFBS-1430 here no longer existsl econamy moves \& the diminished number of British troos result in their broadscatrering efforts being vie FM only now. I visited BBC-1546 recent ly, but found out littie. Attendant 9nsited that the nature of the operatin was classified. Tirana-1214 is back on frequency, but atill interferes with the local here. When they are off, the het used to undercut the local signal witnin a mile of XR - however, considering their programing (bad modulation, poorly-vorking automation equipment, and horrible selection of checked rr) the loss was not a great one. The evening broadcast sked of Libya-1454 is Lic here, owing to the choice of odd frequency. They are on from 11 lam EST to $3: 07 \mathrm{pm}$ EST.

RREMEBER, PLEASE, THAT WE ARE ON SUQER SKED WITH DX HEWS NOW. WE MUST IHSIST ON ONLY aTE REPORT PER MEMBER PER ISSUE, AND THAT ETMITED TO A MAXIMMM 30 InNES!
"La Voz de la Esperanza" is the SS equivalent of the EE "Voice of Prophecy" program. It is hosted by B. Perez Marcio and has a format similar to the 'Voice of Prophecy". Times are EST.
Acapulco, Gro.
Acayucan, Ver.
Acayucan,
Acuna, Coah.
Campeche, Camp.
Coatzacoalcos, Ver.
Cosamaloapan, Ver.
Cuernavaca, Mor.
Culiacan, Sin.
Chihuahua, Chih.
Ensenada, B. C.
Monterrey, N.L.
Guamuchil, Sin.
Guanajuato, Gto.
Guasave, Sin.
Guaymas, Son.
Hermozillo, Son.
Juarez, Chih. Leon, Gto. Mazatlan, Sin. Merida, Yuc. Minatitlan, Ver. Nogales, Son. Oaxaca, Oax. Obregon, Son. Puebla, Pue. Tampico, Tamps. Tapachula, Chis. Tecate, B. C. Tepic, Nay. Tehuantepec, Oax.
Tijuana, B. C. Toluca, Mex. Veracruz, Ver. Villahermose, Tab.

| CALmes are | FREQ TIME |  |
| :---: | :---: | :---: |
| XECI | 1340 | 0900 |
| XEVZ | 1490 | 1000 |
| XEKD | 930 | 0930 |
| XEA | 1370 | 1200 |
| XEBG | 960 | 1030 |
| XEFU | 630 | 2130 |
| XEDO | 1190 | 1030 |
| XENW | 860 | 0900 |
| XEM | 850 | 0900 |
| XEHC | 1590 | 1630 |
| XEX | 730 | 2030 |
| XEJL | 1400 | 1430 |
| XEWZ | 600 | 1800 |
| XEGS | 610 | 1930 |
| XEDR | 1490 | 1130 |
| XEPB | 1400 | 1000 |
| XELO | 800 | 1830 |
| XEX | 730 | 2030 |
| XERJ | 1320 | 1000 |
| XERRF | 1150 | 0830 |
| XEMI | 1080 | 1015 |
| XEKW | 1300 | 0800 |
| XEAX | 1270 | 2100 |
| XEHX | 1460 | 2200 |
| XEHR | 1090 | 0800 |
| XETU | 980 | 0930 |
| XETS | 1340 | 2035 |
| XEKT | 1300 | 1630 Saturdays |
| XERK | 1380 | 1015 |
| XEUC | 550 | 2000 Saturdays |
| XEGM | 950 | 1600 |
| XEQY | 1360 | 0900 |
| XELL | 1430 | 2230 |
| XETAB | 1410 | 1100 |
|  |  |  |
| XES |  |  |

Note: The accuracy of these listings cannot be guarenteed, as the official list supplied by LVE took several strange liberties such as listing XEX's location as no fewer than eight defferent Mexican cities! Anyway, hope this is of some use to $B C B$ DXers. All programs are on Sundays unless otherwise noted.

10 TONY LAGATTUTA - BOX 6291 - Portsmouth, Virginia - 23703
He 110 from Virginia. (Hi, Virginiad -ERC) Daytime DX on BCB has always been my favorite. Most daytime DXing has been at lunchtime by the $G$ E. plant where I work, about 26 miles inland from Atlantic Ocean. 4/2- I found WKDE-1000 in $\mathrm{w} / \mathrm{WKBQ}-1000$ (sent report). Ifound 10 Cal WPMH-1010 testing OC $\mathrm{W} / 1 \mathrm{kw}$ I met Jack Walters at WPMH, GM, very fine gentleman. He said they welcome IXXers' ret the will be testing for about six reports to WraH, Box 666 , Portsmouth, (Detter from a Pirate" (DEWS $3 / 27$, page 29) really made me think, and weiso feel sad. I am mostly on the side of he owner of the "pirate" station. It elso feel sad. I am mostly on the $81 d e$ (not so much to "make a million") can unseems any one realiy interested in radio (not so much to make in Virginia Beach and derstand how the writer felt. 4/3- I spent most of the day in Virginia Beach and did some DX on the portable radio. Ten milas inland from waterfront, 6 gav-14 (90, like a local, WIVE-1430 not audible, wirin 139 For WICO, 1320. Wear Portsmouth, above 1200 is crowded with near-by strong locals. Out in Virginia Beach KIID-1340 is stronger than local WICLX-1350. WLIX-540 weak behind semi-local WDMV-540.
is stronger haut nulls WIIX! The better catches at Knotts Island (on Va.-N.C. Nuling WDMV about nuis WPM. (1申cal), WICC-600 WSLS-610 WPRO-630 (like 10cal), ine) devtime: WPIK-730, WFMC-730, WMBL-740, WSB-750, WHW W-1170 (10cal), WPAC-1able with $12^{\prime \prime}$ fer-
(clear). Just a few I had time to hear. All daytime on a portable with (clear). Just a few I had time
rite rod antenna. 73 s , best DX .
G. HARLLEY DELEURERE - Box 10 - Hendricks, West Virginia - 26271

In this morning's mail (3.30) I received a $\mathrm{v} / \mathrm{q}$ mailed from Soddy, Tenn. It verified my reception of PJD2 of Sint Maarten. Would Sint Maar ten be considered as a country seperate from Bonaire, the home of PJB? If it is, int Marten is the 67 th country to verify for me. There has been no spectacular DXing received by me of late, because I've been too shoppy tardioy awake in the ree hours of the morming. I did arouse myself, hoserer, on $3 / 29$ in order to hear the DX from WISE-1310. I didn't try for WENC-1050, because I heard it in 1969; \& it's already confirmed. Also last meek I had WADD-1560, Erockport, N.Y. The address given over the air was Box 337. Well, I had better close. I have to fix my car. 738.

JERRY OSBORNE - 763 Canterbury Avenue - Ottawa 8, Oatario
I've been a member for a few months amd thought I; Muse for the first time. I've been DXing for about 15 years but only in the last few have I become interested in BCB. I've now got 45 countries heard on BCB $W / 25$ conflirmed. The $R X$ is a Hallicrafters $S X-110$ \& $I$ have an $I H_{\text {\& a }}$ Loop for antennas, the latter built with the help of local NRCer quentin Brown. I'ma teacher in a high school which has been put on shifts. our classes are from 7:30am to 12:30. This cuts out MM DXing \& other late-night DXing too, except on weekends when I ofgen have a very late session. Recent DXing has netted: HJHN-960 (e 4:20am, KTAR-620 briefly u/WSUN © 5am, KPMC-1560 © 1:35 w/het from Cuban (3) droning away, CBU-690 ID e 2 3/25, WEYY-1580 w/test © 3, and finally WHEX testing on 1580 1:45am 3/28. They gave location as Columbia, Pa. Is this ex-WCOY, or what? (Yes - ex-WCOY -ERC) Recent veries: v/q- WSUN CENM \& Jamaica-770. v/1- WHOA-870 \& ORTF-640, Guadeloupe I wonder if someone could pass along the address of "R. Clarin", Dominican Republic, on 860. It's not in '70 WRIVH. Thanks - this is all for now. I will report again soon. (Welcome to the NRC, Jerry, \& we will be looking for subsequent Musings! Address for R. Clarin: Difusora Hemisferio, S.A., Santo Domingo. -ERC) CHARLES MOHR - White Plains, Hew York

I just got my copy of the season-opening issue of the Sporting News" \& unfortunately, they do not list the complete radio networks of the 24 major league BB trams; just the 'key' station \& the NUMBER of out-of-town stations, not an individual list - really worthless information. They had said they would list the complete networks if they had them by press time. Maybe this means they 'll be forthcoming in a future issue. I'ma subscriber \& I'll keep looking. It would be nice to have all this info in one place - I find such lists especially helpful in IDing graveyarders. In the meantime I'll write them another letter of complaint to "Voice of the Fan" The Sporting News, Box 56, St. Louis Mo. 63166. Perhaps if enough NRCers would write them maybe some action would be forthcoming:

DICK TRUAX - 5101 Tamarock Drive - Charleston, West Virginia - 25312 DX since last Muse has been very sparce due to little time at the dials \& very nominal CX the last two weeks. As of $3 / 28$ only 12 new loggings since $3 / 1$ with most listed in last Muse. $3 / 13-\mathrm{WFBR}-1300 \mathrm{Md}$. W/ID \& mx © 7:10pm o/usual pest WMAK. 3/24-WIHI-1480 Ind. w/rr o/WHBC @ 7:12pm. MM 3/15-WJMX-970 S.C. O/WWSW pest w/Special © 2:25am, WPJD-1550 Tenn. w/organ mx on ET © 2:53am. 3/24-WIHI-1480 Ind. w/rr o/WHBC © 7:12pm. 3/27-Brand new WKCB-1540 Ky. first noted on weak but readable daytime reception © 11:15am, may have been on for as noted long as two weeks as I DX daytimes only on weeke WPNS-1080 Hurricane, W.Va. alongtown. I have also noted new two-tower array of hFNS-1080 Hurricane, w.va. along side I-64 seven miles $W$ of my location, but no sign of any activity on the air as yet. Be alerted for possible ETs in weeks to come. MM 3/29- Notying spectacuLar this AM. Unn WKCY-1300 Ya. W/TT \& ID o/WMAK © 2:08m, um WISE-1310 N.C. On for Special W/rr \& asking for calls @ 2:13am. No sign of WENC-1050 N.H. TEST, to much CHUM. WRNL 910 Va . W/ID \& me e $2: 33 \mathrm{am}$ o/WSBA, maybe new NSPer? WBGN1340 Ky . w/rr \& s/off © 3:04am leaving WEAP-1340 Va. w/end of NX, ID, \& into rr. That's it for now - more in 14.

KEITH BIRLINGMAIR- Route 3-Noss Road - Beloit, Wisconsin - 53511
Lots of DX this month. 2/18-PJB-800 in very well @ $10 \mathrm{w} / \mathrm{ID}$. Then Belize-834 in poorly e $11: 45 \mathrm{w} / \mathrm{a}$ play for radio. WSGN 610 in poorly © 11:45 $\mathrm{w} / \mathrm{rr}$. 2/20-WWSW-970 in well © 11:33 w/track report. Their slogan is mini-max, a minimum of talk \& a maximum of nax. 2/21-WWVA-1170 in poorly, w/NX @ 3am. 2/22WIBC +1070 in well w/rr e 3:15. WTAE-1250 in poorly e $3: 25 \mathrm{w} / \mathrm{password}$ contest. WFEM $-1260 \mathrm{w} / \mathrm{a}$ record in the public interest © $3: 53$. KOIL- 1290 in $u / W I R L ~ w / J e y ~$ Sullivan Show \& rr. KUDL- $1380 \mathrm{w} / \mathrm{rr}$ \& $\mathrm{c} / \mathrm{w} @ 4: 33$. Is the FM of this station in Kansas City, Mo.? 2/23-WSGN in poorly @ 9:22 w/Mike Edwards Show. 2/27-WOR710 e 12:30 $\mathrm{w} /$ show on Negroes. WTIX-690 in very poorly @ $3: 15$, unreadable. 2/28-KSTT-1170 © 7:25pw w/"Little Green Bag: 3/1-SS-1030 w/jingles fitting the chant "I did better than you" - up-down-up-down-up-down. Any idess? KHOW-630 e $4: 53 \mathrm{~W}$ MoR. 3/5-CEM-940 in extremely well e 10:15 w/talk on the new Democratic Party. WSPA-950 in © 10:05 w/CBS NX K KMN-950 © 1:08 w/ "Country Road". WWJ-950 e 10:19 w/a controversial subject for listener coments. WTAD-930 @ 10:30 w/ "Candida." WDXR-1560 @ 10:55. Are they 10 kw mighttime, or 1 kw as in the $\log$ ? CBE-1550 in well e 11:02 w/cl wx (yech!) 3/6-AFRS below $1600 \mathrm{w} / \mathrm{game}$ between S. Cal. \& Cal. Where? HCJB-700 w/ID © 11:30. WMRO-1280 @ $1: 29 \mathrm{w} / \mathrm{ad}$ for First Fed of Aurora. kixox-990 e 3:01 w/WX \& rr on 3/7. 3/7-CKY-580 e 1:18 w/MoR in well. KFI-640 in poorly © 2:05 w/NX. XELO-800 @ $2: 25 \mathrm{w} /$ end of the Voice of Christ program, then ID © 2:36. CKCY-920 @ 3:O7 W/rT. 3/8-WKY-930 © 5:17 w/"Iove Story". KQAQ-970 /constant IT © 10:20. CFAC-960 in for half minute w/NX @ 4:28m new province. CKWS -960 came in after CFAC w/MOR © 4:33. WCBS -880 was on © $5: 15$. KCNO-860 in well w/CJBC off e $5: 31$. WLS-890 off @ 4 , on @ $5.45 \mathrm{w} / \mathrm{XR}$ problems. SS-780 w/ chanting e 6: 5, ZBVI? (Canst be, Keith- they 're all EE -ERC) On 1030, above, could that BE ZEAR? Recent veries inc lude WTAE-1250 KOA-850 WHB-710 XERF-1570 WFEM-1260 CBK-540 XEG-1050 WDXR-1560 WABC-770 WWJ-950 WWSW-970 KOIL-1290 WWVA1170 WBEN-930 KTYR-550 KIMN-950 KSD-550 KULF-790 \& WILS-1320. Good DX.

KIN RONSTADT - 2719 104th Street - Toledo, Ohio - 43611
Hi again! DX in this kid's shack has been coming at a pretty decent pace even though I'm playing BB for my school. I'd like to welcome Gary Siegal into the NRC hecause he is the one who started me DXing. The highlight of this week is the daily reception of WFEA-1370 Manchester, N.H. (What happend to WSPD? -ERC) Other DX: 3/29-WISE Asheville in fair w/TEST © 2:10, WREM-1000 in poorly e 6:30, KOMN-1080 Northfield in poor © 6:58, XERB-1090 in fair w/rr. 3/30-WTHB-1550 Augusta in o/u CBE © 6:28, WORV-1580 Hattiesburg w/ad for a car dealer e 6:40. 4/1-CFOS-560 Owen Sound u/WIND/WIS @ 7:45, WETW-1570 Iatrobe w/MoR © 6:40. $4 / 2-$ CFAC-960 Calgary in over everything @ $11: 55 \mathrm{w} / \mathrm{c} / \mathrm{w}$. Well, I guess that is it for now. Support toledo for the ' 71 IRCA Convention. C U N 14 .

PRY DXING ALL SUMMER THIS YEAR! OFTEN IT IS QUTTE GOOD! IT'S A TIME TO LATCH CNTO THOSE NOT-TOO-DISTANI ONES YOU 'VE BEEN POSTPONING LOGGING FOR YEARS! THEN, MUSE ABOUT THIM TO DX NEWS!

12WAYNE HETNEN - 126 Linwood Avenue - Orchard Park, New York - 14127
Hi fans, from the phamtom of the roadways. DX suffered as time had to be spent working on Marine Radio Beacons in Erie, Pa. These 70-hour weeks are nutty. DX of late: 3/8- Log of new CHLO-1570 w/rr 11:23-11:35pm, then CKPM1440 new here, 11:40-12 w/good mx \& fight results. Local call WXLR-1300 (ex-WMNJ) 12: 10 pm , has $\mathrm{c} / \mathrm{w}$ format. Later that afternoon I snuck IV off, \& 10 \& behold WANN-1190 fighting it out w/WOWO 4:58-5:10pm. That night I logged new WFIR-960 (ex-WDBJ) 12:02-12: 15 am followed by new (to me) WHP-580 12:20-12:45am, all these on 3/10, plus KSO-1460 AN 44 W/ace signal \& minimal QRM. Also for two other pretty distant surprises: KPMC-1560 2:30-2:45am, \& WBRC-960 2:50-3:10. KPMC was $\mathrm{c} / \mathrm{w}$, WBRC chiscken rr. $3 / 11$ was intereating, $\mathrm{w} / \mathrm{f} / \mathrm{c}$ of WIDG-940 12:02-12:16am w/ TT \& IDs every five minutes, then WBUS -1390 signing off © 1:40 for maintanance. Then WROK-1440 w/OC/EI \& ID © 2:08an. Veries: (yes, chick thre's such an animali) $\mathrm{V} / \mathrm{q}$ - KPMC \& KSO. v/l- CHLO- 1570 WROK-1440 WANN-1190. I had a w/Frank Wheeeler in Erie \& I'm still hoping for 4/10 in YADland. I'm not sure because of USOG sked but I'll try. GFI has the most unique billing method I've seen (PS-Mom liked it too). I've lost J. Heff's \& C. Maslen's phone numbers. Best to those who DX. 73s.

STEWART DRAKE - 2108 South Simpson Street - Philadelphia, Pennsylvania - 19142
Overdue: Did anyone happen to be tuned to 1550 back on $2 / 20$ at 1:3lam and hear a TTer? There was an ID \& I think it was KICS, but so far, no reply from the CE. The ID was @ 1:32. On 2/21 WPDE-1440 Ky. on r/c @ 5:08am. 2/22- I was on 620 listening to tornado warnings © $1: 16 \mathrm{~m}$ \& it turned out to be WJDX Miss. On $2 / 24$ I got my Space Magnet One and copled PJC2 © $15 \mathrm{db} \circ / \mathrm{S}-9$ and finally got a $v / q$ for that report. $2 / 25$ saw unn WANB-1580 TTing, and 2/27, unn WGGO-1590 likewise. WANB @ 1:18; WGGO © 12:40. 2/28-There was a TTer on 1590 © 1:22 who IDed @ 1:30 but it was badly chopped up, sounded lika WRBL but I know they are elsewhere on the dial. Any help appreciated. $3 / 2$ - There was a $\mathrm{c} / \mathrm{w}$ sta tion testing on 930 © 4:45am. Does anyone know if WLIL uses this format for EIs? (No, voice \& OC, \& ITT -ERC) And who carries the Atlanta BKB network on 1490? Not WMRE. I heard a game on $3 / 3$ \& aga in $3 / 28$ but the soup was too thick to ID. $3 / 3$ also saw WMMM-1490 THIng © 2:03am. 3/15- I got up early to look for WPRA-990 s/on but WNOX was AN there. Then WKYC was testing on 1100 \& I thought it impossible to hear ZDK, but @ 5 WKYC went silent \& I logged my 63rd country w/St. Johns Amtigua. 3/6-WGRY-1590 Mich. ITing u/WAKR/WENT @ 12:54am. 3/19-A TTer on 1540 much u/ZNS/WPRE but got -NL in Ala. on the ID so this had to be WANL Ifneville 1:12am. And on $3 / 20$ a TTer on $1550 \mathrm{u} / \mathrm{CBE}$ \& I think pis had to be WANL Lineville (3) (2) 12:51. An ID just before mx sounded like $\mathrm{W}=0$ - but possible mx. TT © $12: 35 \mathrm{~W} / \mathrm{mx}$ Veries from WGRY WSTP WPED PJC2. Totals read 2,555/2,412. Good DX to all \& 73 .

THOMAS R. SUNDSTRCM - Box 205 - Willingboro, New Jersey - 08046
It has been quite a while since my last Musing, so here goes. There seemingly were two good TA openings noticed recently, the first around $2 / 15$ \& the second circe 3/23. LA signals were also very decent on $3 / 23$ too unusual to have both a TA \& LA opening at the same time, in my experience. Probably the most interesting item, that I need help on, is a station on 1017. On $3 / 23$ an unID SS was heard w/a loop bearing just $N$ of YSC-1015 around 10-10:45pm. Announcements were heard around $3: 30 \mathrm{am}$, but the modulation was so low it was unreadable what with the cross modulation of $1010 \& 1020$, even though it hit some good signal levels. This cross modulation caused me to do some pondering as to its causes, and this past weekend I borrowed a scope and RF signal generator and proceeded to realign the $H Q-150$ and $B 8 W$ \# 730 SSB receiving adaptor. One IF was detuned, and the crystal phasing and the $Q$-Multiplier were not set properly. According to the scope, the unit should perform much better (I can see a big improvement on 10 \& 11 meters), and it seems to be more sensitive when set on crystal position \#l than on "off". It shows this both on the scope and on the S-meter when tuning in any station. Someone tell me why? 73.

NEXT DEADLINE FUR MUSINGS IS THURSDAY, APRIL 29th. BE SURE TU DOUBLE-SPACE US A FEW LINES - NOT MORE THAN 30. PLEASE STICK TO DX ON THE BCB, AND NO VERIE SIGNER NAMES IN YOUR MUSIWGS! SEND THEM ON A SEPERATE SHEET OF PAPER AT THE SAME TIME!

EDITOR:

Once again, we'll depart a bit from regular format this time, with the changes and checks first. First, though, a few items of interest: 1) We've notec that there are many stations with PSA powers listed which are less than either the day or night power of the station. Offhand, I'd say that they'd be invalid, as it would constitute an "ex post facto" change in the stations license, and I believe that there was a court case which dealt with that, possibly the one which resolved the 930 dispute, W.A. Jeffrey or PKH can you clarify this?? Or anyone else. 2) Paul Hart pens that many members are occasionally taking an irregular SP or ET or PoP to mean that a station listed as NSP is no longer so. (viz: KVOO, KOL ). He notes, and quite rightly so, that it is far more significant when a station not normally AN runs so, than vice versa, which could be caused by any of a number of factors. So, please be careful.

## changes

+ 1060 WPLK $\int A$ Delete CP here - was application only, incorrectly listed
in source material (per stn)
+1350 CFOM-2U
+1440 WOHN-VA
+1490 KICO-CA
KHUZ=TX
KVOZ-TX
$\mathrm{x}+1230 \mathrm{KGRO}-\mathrm{TX}$
$x \quad 1150$ WHMC-ND
$x+1600$ WPDC-PA
+1570 WLIF-1D
+1580 WHEX-PA Delete CP - will not be used (per stn)
X-WHRN
P: 1000/250 UI
CF: 1000/250 U1
CP: $1000 / 250$ UI
CP: $1000 / 250$ UI (issued $5 / 70$, but not listed anywhere...) (or maybe listed incorrectly as on since, but anyway, it's not yet on.

2nd EA: KLMX-1450\% X-WEPN - is on RS x-WTOW ex-bCOY

## M/C's

2nd EA: KLLX-1450\%; $\quad$ 2nd Tu: KCON-11400\%;
3rd IM: KSET-1340*; KVOP-14CO; 3 rd WM: WFIX-1450
 4th MI: KTES -1480 ; KSYL-970; KLNK-1450; WANV-970; WGOE-1590;
4 th Tu: WTAX-12L0; WENK-12LO; Lth TMI: KLTI-1560; 4th TH: TTCB-090;
4th FYI: WSAO-1550; KSIW-1450;
Ist MI: (none - aurora - hi, RjE) Ist Sa: VGFY-1590; WBEN-1L60; WSMN1st FM: WJN-1310; KFVS-960;
new checks:
2nd MM: 0130-0145 KHUB NB 1340 TT (NRC)
3rd MM : $0045-0100 \mathrm{WHOL}$ PA $1600 \mathrm{TT}(400 \mathrm{Mz}$ ) (per stn. - RjE)
$0245-0300$ WPJD TN 1550 T/M
4th TH : 0245-0300 WHIY AL 1530 DT (change) (NRC)
4th FM : 0215-0230 KPOS TX 1370 IS quarterly 3,6,9,12 (Hart)
DELETE:
Lth SA: 0230-0245 KVSP NM 990 (Hart)

## sunsel \& evening

660 KOWH-NB
ex-KOZN hrd $3 / 191739 \mathrm{~W} / \mathrm{reb}$, so same format (Bruce Winkelman, Lawrence, Ks)
680 WRKO-MA In $19013 / 21$, o/u WCBM (Eric DiRicco, Pgh, Pa)
750 WBND 1 ID Popped in 3/14 1815 w/ no QRM (DiRicco)
$800 \mathrm{KBUH}=\mathrm{UT}$
Poor w/ MoR, mentiones of Brigham Cy 2023 3/23, w/ XELO inexplicably off, QRM de PJB (Blake Lawrence, Canon Cy, Co)
CHAB-SA
WLAS-NC
0 KXJK-AR
KLIK-MO
960 WHYL-PA
1000 KOTD-NB Hrd in XELO silence, poor - fair u/PJB w/rr 2210 3/23 (BL) frd 1800 3/28, stayed in for 15 mins., my tnx to WAVL-Pa for their early s/off. (DiRicco)

1290 WMLS-AL Long-wanted stn atop channel $3 / 27$ 1810-15 s/off per PT tip Hrd $3 / 191750 \mathrm{w} /$ ad for local bar, then into c\&w mx \& road cx, good sig. for 250 Wo (BW) Stumbled onto s/off $3 / 211900$ (ED)
Hrd s/off o/u WFEA-WSAY 1845 4/6 (RjE)
WTAB-NC Hrd s/off annct. mtng. "5000w" $w /$ WFEA, WSAY, ${ }^{\text {WhMC }}$, and after an elimination process, and several tape relayd got to this, 4/6 1845 ( RJE )
1380 WKJG-IN unID

1560 KIQS-CA
Real surprise 1833 3/21 w/"Me申t The Press", hvy QRM (ED) Hrd $1835=40 \mathrm{w} /$ talk program on black affairs, was this WAVZ? Looped risht (ED) $\approx *$ Conceivably, although I think they ${ }^{2}$ re running religion at that hr . -RjE

San Jose, CA)
KGHO-WA Fair u/KPMC w/ ID 2108 3/18 w/rr (Kamp)

## midnight to sunpise

540 CBXQ-BC
Extr. strong sizs for 50 watts $3 / 140238 / / \mathrm{CBU}-690$. Usually in well after CBK s/off to CBU s/off 0320. (Kamp)
550 KTSA-TX On w/ET 3/29 0415 (Kieth Birlingmair, Beloit, Wi)
560 KLZ -CO
580 WCHS-WV
610 WIAF-MO
610 WDAF-MO CKCK-SA
690 WIIX-LA
$x 710$ WOR -NY
690 KHEY-TX
KHEY-TX ID in ET u/CMBC $04713 / 8 \mathrm{w} / \mathrm{XETRA}$ off, as its done a lot of late (Kamp)
710 KIRO-WA Fair W/ID on ET-TT, 0530 3/15 (BL)
740 WBOO-WI Hrd testing MM 3/29 0115-0130 (ED CBL -ON Exc. w/ MoR 3/22 0529-41 (Kamp)
790 WAKY-KY Fair w/rr u/KCEE, but mixing w/ WMC 0506 3/22 (BL)
860 KOAM-KS Finally hrd wkly TEST 3/28 killing KONO \& XEMO Ol20-30(ED) KARS-NM Good w/SS \& EE promo 08LI 3/17, may have been my SS unID here a few wks back (BL) *But then again coulda been XEUN or XEMO, too $=$ RjE

930 TKY -OK CJCA-AB

KOOL-AZ
Fair w/ID 3/22 0526 w/ CJCA mulled \& KHJ off (Kamp) Exc. W/ MoR 3/22 0529-41 (Kamp)
( UnID OC On TEST 3/29 0233 (RjE)
now AN-II, and presumed NSP as hrd by PT Sun AM, and by me $01374 / 5$, so unless off $0200 \mathrm{MM} \ldots \ldots$ (RJE)

970 KOOK-MT

S/off $02003 / 22$, think directly into short test $\mathrm{w} / \mathrm{TT}, \mathrm{OC}$ off by 0210, no ID's after official s/off (Paul Hart, Ft. Worth, Ix)

970 KOIN-OR Copied $v$. wk and syotty $u / K A K C$ from 0210 to 0300 s/off but had 15
990 WHOO-FL Good sis $3 / 22$ endinf Ai $n x 0603$ into wx, mentioning wroo country; $060 L_{4}$ into crow to 0613 t/out. An easy shot at FL from the THC (Kamp)
WNOX-TN W/ PSAnnct. 3/29 0505 (KB)
KWAM-TN POP W/TT, OC, few ID's from bl 0130 to ard 0200 3/25 (Eart)
KOMO-HA Hrd extr wik $3 / 22$ w/ ID 0553. $\frac{1}{2}-m i n$. fades. (KB) Wk w/ cikw $3 / 22$ \& $3 / 290540$ \& 0553 respectively (KB) Poor 3/22 $0350 \mathrm{w} / \mathrm{"Voices}$ In The Headlines", MoP. 0353, nx 0400 (Kamp)

TEST did not show as orig. sch'ed $3 / 29$ as were asked to hold to IM. so WHN would be off: thus, hrd TEST well $4 / 50217 \mathrm{~s} / \mathrm{on}$ to 0250 t/out, either way o/ or way u/ CHUM w/ Jazz, some tine, and, after my call, some CW ID's. Many ID's, and all TC's 2 min slow. (RjE)
1060 WNOE-LA Finally logged w/ HI // (natch, hi) WFIR u/KYN OC 0140 L/5(RjE) Good w/ MoR 3/1 0511 w/ KNX off (Kamp)
1100 unID Religious pgms MA 3/22 0520 b4 WKYC s/on; KFAX?? (BL)

* 1110 KFAB $N$ NB Off $3 / 20$ sometime after 0130, 2nd Sat in row, SP? (BL)

1140 KLUC-NV Local-like on TEST 0301-0314, said wuz $f / c$, no mtn. of NRC, etc. W/rr, many ID's (Kamp) $3 / 15$
1170 KCBQ-CA S/off for maint. pd. o/KVOO 0312 3/8 (Kamp)
1210 KOS

1240 KROY
Pirate logred w/ rood sig 3/22 0303-0329 t/out w/rr, a few jx, promos, mind. loc. which I won't divulge here, hi (Kamo)
1240 KROL-CA Good W/ STD,rr 0504 3/15 (BL)
$x=\quad \mathrm{KCCR}-\mathrm{SD} \mathrm{Hrd} \mathrm{f} / \mathrm{c}^{\prime} \mathrm{ing}$ at reg. time, but on 3 rd Sun., a make-up check, a change, or a 2nd check ??? (BL)
WSKI-VT Hrd atop channel w/ s/off 0001 L/3 (RjE)
1310 KBUZ-AZ AM, FM freqs. (Hart)
WRR -TX RS mx 0310. Is still NSP (Hart)
WISE-NC
unID
1350 KCOR-TX item, called, taped, rptd..(RjE)
PoP, apparently from $0130 \mathrm{t} /$ in to past $0300 \mathrm{3} / 29$, by loop \& strength musta been either WGSA or $W B F D$, both needed, help? (RJE) Good w/SS mx \& talk, ID in Ea, then more SS 0330 3/21, change in format ? (BL)
KSRO-CA Good w/ ET-OC, frequent ID's 0420 3/15 (BL)
unID Fair-poor w/talk, vy few calls 0450 3/15. KCOR again? (BL)
1390 WNUS-IL Fair u/KCBC ending wx 0317 3/14 (BL)
1410 unID Hrd either w/ FiI, or an anncr who sounds just like Dolly, 3/27 0108 (RjE)
1420 WOC -IA S/off noted 0129 3/22 (Hart)
1450 KLWW-IA Good W/STD, rr $05363 / 22$ (BL)
1460 KSO -IA In well w/"25 Hits in a Row" 1019 3/21 (KB) ** Is this time right, Kieth ?? Also see 580, as I took yr listed time to be a typo. RjE
1470 WMMW=CT One of my closest unheards bit the dust w/ a POP 0020 t/in to 0130 t/out and beyond. Strength and loop were indicative, since no ID's, but call to stn next day confirmed test \& format. (RjE)
$1480 \mathrm{KBOX}-\mathrm{TX}$
1500 KOSG-CK
1510 WMEX-MA

1550 CBE -ON
C.JRS-2U KKJO-.10

EXC. w/ ET-TT $02013 / 14$, ID sed. reg. pgmg;
NOT HRD on IROA sol. $3 / 15$, don't thin. were on (BL)
Poor w/ TC, rr $05223 / 22$, Mass $\# 2 \%$ one of my best (3L)
Fair in FF OLlt2 $3 / 22 \mathrm{w} / \mathrm{US} \mathrm{mx}$, nowhere around when TinEX in, UU. II (BL)

S/on O'Canada C459 3/A, into $n x$, wx cl $m x 0505$ (Kamp)
W/farm rpt $3 / 220534$ into rr w/ IL DJ 0640 (:ianp)

## 050 WBNC $=$ NH

$x \quad 1580$ KLOU－LA Hrd w／deep drawled anner，w／ad for auto dlr，oldies rr 0146 1550 － 49 and again 0158－0204，4／3，so maybe S／off change．？？（RjE） 1550 TIRV－KY W／ET－OB－TT strong o／CBE，then atop after latter＇s s／off， W／ID $00504 / 3$ ，apparently ET＇e to $\mathrm{f} / \mathrm{c}$ time，tho I＇d lons since sacked out（RJE）
1560 KEGG－TX W／ID in ET $3 / 8$ 0357，fair sig．（Kamp）
WAGL－SC Good on IRCA TEST 3／22 0430s／on to $0455 \mathrm{~s} /$ off；had oldie：and a few jx，ID＇s after ecery record（Kamp）Good w／detailed ID \＆MoR mx $04363 / 22$ ，\＃1 from SC（BL）
WAI－FL Boomng，almost local－like sig $0616 \mathrm{w} / \mathrm{s} /$ on SSB into promos， jx，c\＆w 0617m faded into mess 0629 3／22．Whz stronger than THOO－990（Kamp）
WKOG－GA ET－mx \＆OC vy strong $0020 \mathrm{~s} /$ on to $0200+(\mathrm{RjE}) 4 / 3$
KPNC－CA Good w／c\＆w 0020 L／L（RjT）
Had ET b4 mdt（illegelly，yet） $0125 \mathrm{w} / \mathrm{nx}$ ，apparently simul－ casting FII．This 3／13（BL）

MORE CHAHGES
+570 KGRT－MM NET Ac（BL）
+670 WMAR－IL SP MF 0200－0600（ED）
＋ 850 NOO－CO SP MP 0205－0500（ED）
+1140 CKPC－ON SCH： $0530-0110$（ED）

NOTES：Note to Kamp ：On Contest，re－read rules．If final form has blanks （and only form would be final form）no points are deducted． Note to Hart：Re the crddulity of stn personnel，WCOK－1060 check for FEB．also hrd by IRCA in Toldeo，Oh． TO ALL FOREIGN CONTEST ENTコANTS：LET＇S HAVE SOME MORE COMPLETED OR SEML－COAPLETED FORMS！」！！
＊＊＊Alan Merriman reports a strange WABC（770）spur making it to his QTH in Alexandria，Va．on $1155 \mathrm{~A}, \mathrm{Ol00-0200}+4 / 4$ ．Must be that damn AXR again，only more so．Those of you who attended the 1970 convention will remember that thing．．．．

Ail aurora of sorts hit sometime $4 / /_{t}$ ，so most $r / c^{\prime} s$ wiped out here $4 / 5 \mathrm{AI}$ ，in fact all of＇ em I tried，hi．Also many of the listed checks for First Friday $(4 / 2)$ didn＇t show here．

WHO will be the Domestic DX＇er of the Year ？？？Be in S．F．to find out．
Those of you who live near hard－to－hear stations out of your area miotht try calling or visiting then to determine their $\mathrm{r} / \mathrm{c}^{\prime} \mathrm{s}$ or dates for TTIS or PoP＇s．（HIMT，HINT）

Late note indicates that TYNK－1380＇s OP will hopefully be on by 5／1．

y．a．d．dX gathering gozs GROK．
＂．．．．．and so it had come to pass in the small insipid Ohio town of Hubbard that there gathered on the 10 th day of April in 1971 a throng of such diabolic pro－ portions that the small，insipid lubbardites will hildren how it was on someday relat

> -Inscription found inside a beer can at the Great Ohio Diggings; April 22, 1998

The first and perhaps last Y．A．D．DX Debauch was perpetrated upon an unsuspecting greater Yourgstown，Ohio on April 10－11．From nine states and provinces came 41 merrymakers．DXers wandered in and out in waves so we may have missed a few in the count．Those attending included：

| Jim Chrislip－Youngstown，Ohio Carter Scholtz－Denefly，N． 2. <br> Trank Waldron－Matawan，N． 2. <br> Larry Dinsmore－W．Yarmouth，lass． <br> Gearge Bryson Detroit，Michigan <br> Russ Edmunds－Wayne，N．${ }^{\text {K }}$ ： <br> Ed Krejny－Middleburg Heights，Ohio <br> Tim Davisson－Akron，Ohio <br> Roger Winsor－Ualparaiso，Indiana <br> Doe Fela－S．Plainfield，N． 2. <br> Wes Boyd Youngstown，Ohio <br> Cliff Reno－New Canaan，Conn． <br> Robert Cohen Akron，Ohio <br> Ross Black－Cleveland，Ohio <br> Al Merriman Fairfax，Uirginia <br> Steve Bohac Fairview N．2． <br> Gary Seigel－Joledo，Ohio <br> Michael Hissam－Ashtabula，Ohio <br> Steve Jaaffem Dayton，Indiana <br> Adolph Rattay Warren，Ohio | Trank Merrill－Joledo，Ohio <br> Bob Ligon Akron，Ohio <br> Richard Evans－之．Chicago，Indiana <br> Dave Whatmaugh－Hamilton，Ontario <br> Rick Briggs－Uoungstown，Ohio <br> Rick Uitti－New Canaan，Conn． <br> Big George Kelley－Boston，Mass． <br> Pat Ylanagan Loretto，Pa． <br> Carl Junker－Dayton，Ohis <br> Zohr Parillo－Girard，Ohio（y＇town） <br> Pail Barker Ringoes，N．I． <br> Dan Myers，Joledo，Ohio <br> George Greene，Akron，Ohio <br> Wayne Plunkett－Weston，Ontario <br> John Junker－Dayton，Ohio <br> Jom MoCormack－W．Lafayette，Indiana <br> Art Zordan－Foonman，Ohio <br> Don Eggert－Crown Point，Indiana <br> Paul Morton－New Canaan，Conn． <br> Zerry Starr－Aubbard，Ohio <br> Efram Glotz－Unknown |
| :---: | :---: |

## THE MIND BOGGLES：

$$
\begin{aligned}
& \text { Irank Merrill-Joledo, Ohio } \\
& \text { Bob Ligon-Akron, Ohio } \\
& \text { kichard (vans-c. Chicago, Indiana } \\
& \text { Dave Whatmaugh- Hamilton, ontario } \\
& \text { rick Briggs- youngstown, hin } \\
& \text { Bis George Kelley-Bon, Conn. } \\
& \text { Pat Ylanagan Loketto, Pa. } \\
& \text { Carl Punker-Dayton, Parillo-Girard, Ohio (y'town) } \\
& \text { Pail Barker Ringoes, N. } 2 . \\
& \text { Dan Myers, Joledo, Ohio } \\
& \text { George Greene, Akron, Ohio } \\
& \text { wayne Plunkett- Weston, Intario } \\
& \text { Jom McCormack- W. Lafayette, Indiana } \\
& \text { Art Zordan- Foonman, Ohio } \\
& \text { Don Eggert-Crown Point, Indiana } \\
& \text { Paul Morton- New Canaan, Conn. } \\
& \text { Efram Glotz- Unknown }
\end{aligned}
$$

The Saturday $y_{0} A_{0} D$ ：Party officially got underway when Big George arrived a few minutes early．．．．hurciday evening．Other early－arrivals on Friday were Merriman，Gela，Waldrom，Reno gordan and Scholtz．By Saturday afternoon the been cans and late arriving DVers were tumbling out the second floor windows． been cans and late arriving ers were humb been draagged away and the dust of By late Sunday afternoon the last body had been dragged away and Hub dust the retreating hourd began to settle back on beauti if M doomntown fuwbard， leaving in it it wake the empty remains of 12 cases of foany－stuft， 4 cases of pop，pound
The highlights of Y Y－ 71 were many and varied．Several bands of the more herdy and ambulatory tramped back through Starr Forest to see how long the Beverrage Antenna was and found 2800 feet to be quite a hike through heaw Beverage Artenna was and Pourd 28 answered questions about the operations at bush BGK，our resident SPC rep answered quest DXA Now NRC Head－quarters and demonstrated the new Mreinu－Merriman－Start card game bulletins arrive on time o The traditional Kejnu－1veruman－starie card gane rambled on into the wee hours with newcomer Russ Cdmunds experiencing at close range the famous K－M．S Dump Hando Krejny thrilled all with a unique exhibition of his new car 1 ditchojumping abilities．Several RCers were
seen disappearing into the thicket with some of the local teenys. There were various billiards games of which nobody remembers the winners. At least three people actually DXed. The early morning hours were highlited by a great deal of yelling and falling down Those not so stout of heart went off in search of motel roons while about is stayed the night in sleeping bags, blankets, bathtuls By the time the the case of those still amake were treated to the scene of isy the time the sum came up those still adies sprawled over every availab foot of floor space. One by one sthe reveless headed home with the exception of two who couldn't remember where they lived.
And so it was that the Great DX Zeppelin floated over innocent little Hubbard and, having performed it's terrible deed, moves on.


