

OLDEST
MEDIUM WAVE
DX CLUB
Established 1933
32 issues per year
\$13.25 Airmail
\$10.00 First Class
\$7.50 Third Class

DX News



OFFICIAL PUBLICATION OF THE
NATIONAL RADIO CLUB
P. O. BOX 99
CAMBRIDGE, MASS. 02139

VOLUME 38

APRIL 3, 1971

NUMBER 24

* * "I'd just like to say thanks to the people who made NRC * *
* the BEST club in America. Without these people there * *
* would be no DX NEWS; thank you for a great year." *
(Ken Romstadt, Ohio) *

IN THIS ISSUE...

- SURVEY OF TA RECEPTION IN NORTH AMERICA - Ken Brownless
- CAUGHT IN THE JAMMING - Ron F. Schatz
- OF NOTE ON THE BROADCAST BAND - Paul Hart
- CORRECTOR TO NRC LOG UPDATER CORRECTOR - Russ Edmunds
- VARIOUS SEASONAL SUNDRIES - I. delMindes

NEW MEMBERS THIS WEEK...

- *Paul Moeller, 18A Highway RR3, Harrow, Ontario *
- *R. G. L. Allen, c/o Texaco, PO Box 214, Douala, Cameroun *
- *Gary Siegel, 2728 106th St., Toledo, O. 43611 *
- *Robert Allen Read, PO Box 206, Jesup, Ga. 31545 *
- *Paul Hirshberg, 1272 E. 49th St., Brooklyn, N. Y. 11234 *

Welcome to the NRC, gentlemen, we hope to be reading your DX results soon here in the pages of DX NEWS; why not write into Musings and introduce yourselves? We've temporarily run out of new member kits (we just noticed) and will be putting some new ones together later in the week; they'll be mailed out First Class so you should be receiving them shortly.

PLEASE PARDON THE DELAY...

Our previous printer fell so far behind and began giving us such grief that the Publishing Committee decided to cancel his contract. This issue comes from our back-up printer, who has taken over the job of turning out DX NEWS. Issue #25 follows in a few days & then we expect to be back on RS... We apologize for the delays and any inconvenience caused but it just couldn't be helped... (GPN, et al.)

LAST MINUTE SPECIAL INFORMATION!

WWLE-1170, Cornwall, N. Y. will test for the NRC on April 12th 0100-0130 with DDXD Editor Russ Edmunds behind the mike; programming will include

2

tone tests and CW ID's. Russ says he'll take phone calls but no collect calls, please. Russ has timed this test for the maximum likelihood that WWVA will be off the air. Russ will try to rig a phone patch and if WWVA is indeed off at that time this could be a particularly interesting broadcast! (Phone info from Russ Edmunds at presstime)

NEW NRC BLUE LOG IS OUT!

The second Edition of the NRC Domestic Log is now completed and will be supplied to any member requesting it for the \$3.00 member price. This new Edition includes all of the information contained in the first printing, plus 9 pages of Corrector information (as appeared in DX NEWS). Stations with information in the 9 page Supplemental section have marks by their calls in the main body of text; this material, plus a new blue cover, constitute the only changes from the first printing. If you have received DX NEWS with Russ Edmund's Corrector and Updaters there will be no new information in the 2nd Edition... Price and contents of the NRC Latin American Log, now in the final stages of completion, will appear in the next issue of DX NEWS.

DISCLAIMER . . .

Some of the material in this issue mysteriously appeared on the HQ doorstep in a plain brown wrapper and tucked into an empty Doctor Pepper can... In the interests of something-or-other we're running it with only minor deletions to protect the guilty.. All complaints should be addressed to the Chairman of the NRC Grievance Committee: Paul Barker; 437 Tucson St., Ringoes, N.J. 65804.

FALSE HOPES DEPARTMENT?

A volunteer to produce NRC FET Altazimuth Loop kits has finally materialized; Ralph Sanserino of California is willing to do the job - gather the parts, fabricate the wood and plastic components, ship 'em off, develop ulcers, etc. Price of components (this is a nonprofit NRC project, of course) and shipping should come to roughly \$50 for the full Altazimuth loop with dual FET amplifier; a little over half the price for the unamplified version. Gathering all of the parts in a way that takes maximum advantage of volume discounts is a real headache and before we go any further with the project we'd like to get an idea of how many members would be interested. If you'd be interested in ordering an Altazimuth FET Loop kit, drop a note to Ralph at 8422 Crane Circle, Huntington Beach, Ca. 92646. If there is sufficient demand to warrant going ahead with this project, it will have the full support and blessing of the Publishing Committee.

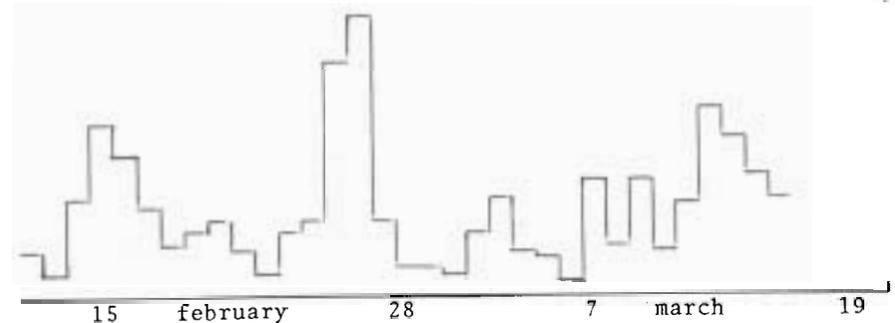
PUBLISHING COMMITTEE STOPS RUNNING!!

Exhibiting powers far beyond those of mere mortals, the NRC Publishing Committee has somehow managed to survive another season of weekly DX NEWS publication - a totally unique experience that more NRC members should live, hi... Since we went onto our weekly schedule last fall we've managed to assemble and compose 19 issues of DX NEWS, each within the 36 hour period between receipt of final copy and the printer's deadline; address and stamp some 10,000 copies of DX NEWS for the regular membership,

assemble and mail about 600 sample copies, etc. This period of weekly publication schedule gets more than a bit hectic at times and perceptive readers of DX NEWS may note a slight tendency for the HQ staff to get a bit testy at times in February and March - traditionally the months when "weekly battle fatigue" begins to subtly set in... When we're operating on a weekly schedule we literally barely manage to clean up from one issue before the next one is upon us - each week with an unpredictable number of pages which must work out as a multiple of four, etc. This year we've done considerably better than before in keeping the HQ mail caught up during this difficult period but inevitably the HQ bookkeeping workload begins to snow us under... Address changes are lost track of, renewal class changes are sometimes overlooked, and - in adherence to Edsel Murphy's Law - most things that can be mismanaged eventually are... Now that we're going bi-weekly we'll begin to catch up with all of those items of HQ correspondence which we've been forced to set aside so that DX NEWS might continue to appear on a regular basis...

* GPN & BGK & RK

This graph shows the daily values of A_{ff} , the Fredericksburg index of geomagnetic/auroral disturbance in the Earth's magnetic field. High values of A_{ff} occur during a heavy influx of electrically charged particles into the upper atmosphere as the result of certain types of solar disturbances. The medium-wave signal absorption produced by one of these events is strongest in high latitudes and persists for some days following the initial particle influx. Values of A_{ff} above about 20 are inevitably associated with high levels of absorption along high-latitude TA and TP signal paths. Very high values (above about 40) are usually accompanied by E layer blanketing over North America and Europe; on such a night stations from the South will appear to dominate most channels. Long periods of low geomagnetic/auroral activity are necessary but not sufficient to guarantee excellent high latitude TA and TP reception - other ionospheric effects such as the "Midwinter Anomaly" may effectively mask what would otherwise be periods of excellent reception on high latitude paths during periods of continued low geomagnetic/auroral activity.



SPECIAL TESTS

		kc/s	watts	A.M., E.S.T.	Info:
Monday	Ap 11 5	W B N C 1050	1,000	2:15 - 3:00	N R C
Tuesday	Ap 11 6	K S F A 860	1,000	6:30 - 6:45	r/c-IT
Monday	Ap 11 26	W G B G 1400	250	2:00 -	NNRC
Wed.	Ap 11 28	W C O X 1540	1,000	1:01 - 4:00	NRC/IRCA

TAKE SPECIAL NOTE:

W B N C - 1050 Conway, New Hampshire, has changed its date to April 5th, when we learned that WBN-1050 in N.Y.C. will be off regular sked on that date. Their Chief Engineer, W. P. Durkin, has promised he will make sure that WBN does not test during the time WBNC is scheduled to be testing, i.e., 2:15 to 3:00 a.m., E.S.T. We think this is a very gracious gesture on his and WBN's part, and we are happy to salute him and WBN here, and to ask each of you to be so kind as to drop a thank-you note to Mr. Durkin for being so kind to us NRCers and to WBNC's engineering staff, who are very anxious to receive distant reports on their signal. WBNC reports go to Mr. Lawrence H. Sherman, WBNC, East Main St., Conway, N.H., 03818.

K S F A - 860 This is a frequency check, not a dedication. They want reports, though, to: Eugene Fields, Program Director, Box 648, Suite 301, Savings & Loan Building, Macogdoches, Texas - 75961.

Says Mr. W. P. Durkin, Chief Engineer of WBN-1050, New York:

"WBN is off the air for testing and maintenance the first Monday morning of each month. The next date will be April 5th. If this date can be used by you advise me the time you want us not to test on the air and I will cooperate."
W.P. Durkin, CE, WBN-1050.

Our thanks to Mr. Durkin - and please be so kind as to send him YOURS, too!

REMEMBER - the next issue will be in two weeks. Deadline in BROOKLYN for that issue will be April Fool's Day, 4/1! Be sure to be represented in print in that DX NEWS, and try to stay in these hallowed pages all Summer!

HERBERT H. COOPER - 438 East 21 Street - Brooklyn, New York - 11226

Well, a little DX here, so here 'tist: MM 3/8- Tropicans-540 was back on there, AWing, and coming in quite nicely. I never heard WBN-620 so loud as they were this morning on a non-Auroral day - were they on day pattern! There was an OC on 860 all AM; WBN-1050 was on RS, and an SS noted again w/CMQ-640 but I still can't ID him - he does an awful lot of shooting! IT noted on 690 @ 3:09 w/CMBC. Dan WYER-1090 in S-9 on TEST. I got up Saturday AM 3/13 to try for WYLY-950 r/c - I did not hear him. I noted CHLO-1570 AWing, ditto, WFBH-1300. I also tried for WTRP-1330 r/c w/WPM, but he didn't make it. MM 3/15- I think I had the Genoa station on 1578 this aye, and a tentative sent to him - men & woe - an announcer after each MoR selection, 1:30-1:52 fade, about the same time an OC came stop, probably Portugal's warn-up carrier. This is my first TA catch (new) this season! Then, an old friend (enemy?) WAAO-1530 heard on old r/c-wx, 2:05-2:15, with very friendly announcements, and so my uspteenth try for a varie. I also went after WOHV-1580 r/c-organ mx, 3-3:15, and got his - that dreary organ music might put the frequency monitor to sleep, hi! They were just about even w/WCLB-AM, I believe it was. There was an AN SS on 1420 today, no WBN, w/WBHM, noted @ 3:21, who? I heard guitar mx on 1500 @ 4:03-4:15, but darned little else. I thought I heard the KQBS calls once, but I also thought I heard TEXAS mentioned once during that time - I dunno if it was KQBS's IRCA TEST or not. OCs of both WDEB & WYTF were S-9-ing it on that spot then; both IDed around 4:30am. There were other OCs noted on 1190 (all AM) 1090 1380, 900, and 270 on 1320, 1520, 1310 1270, & two on 1310 at various times between 2:30 & 4 a.m. That'll do it for a fortnight - see you then. Happy Ectover.

MUSINGS

of the Members



Ernest H. Cooper
438 East 21 Street, Brooklyn, NY 11226

STEVE BEZILIA - 307 Second Avenue - Osceola Mills, Pennsylvania - 16666
Hi. Not much DX here, mostly SSS. 1/28- WBN-1000 N.C. s/off G 5:30. 1/29 - WIXS-1190 N.C. 5:05, WVKY-1270, 5:15. 1/30- WYDQ-1560 Ky., 2:30. 1/31- WFBP-1960 W.Va. 5:00, all p.m. 2/1- WYTP-1530 Pa. 9:55am. 2/3- WBYH-1060 Va. 5pm. 2/6- WMPF-1500 N.Y. 4:15pm. WHEM-1000 Ky., 6pm s/off. 2/8- WJHL-620 Minn. lan s/off, in nicely o/all others. 2/15- WJTM-1530 N.J. TEST in good with WCKY been later. 2/23- WKER-1900 N.J. 5:05pm s/off, female announcer. 3/4- WBNH -1550 Mass. 5:45 s/off. There's a grant of an application by Town Radio, Inc. for a permit to operate on 1530K in McConnellsburg, Pa. will become final in 90 days unless there is an appeal. I got a call from Marty, of Joe & Marty Brauner that Joe is in Brookville Hospital for a check-up. He wasn't feeling very well. He has been having problems lately. Why not send Joe some cheer-up mail, you guys? Two nice people, Marty & Joe. (You can say that again, Steve! -ERC) Send mail to R. D. 1 - Box 86 - Puncsutawny, Pa. 15767. 738.

ERIC BIRICCO - 540 Gallion Avenue - Pittsburgh, Pennsylvania - 15226

Hello from the growing DX Paradise of the Pittsburgh-Youngstown area, hi. DX CK haven't been too bad lately. I heard and received veries for both the WBAR-1480 TEST and WDEL-1150 TEST. Also, the WYTF-1090 TEST was in well here w/only a slight bit of QRM from an SS playing U.S. rr. I suppose it was XERB. (XERB is ER w/Wolfman Jack -ERC) 3/6 found me on 590 getting a report out to WGN Neb. & I stumbled onto WVIK, Ky. At SSS that night I also found WEDC-660 in w/an ad for the upcoming "WESC Shindig." Other new ones heard at SSS include WJAD-800, which has been overriding CKW; WLLI-930, which has been fairly consistant of late; WPOW-1330 heard on 3/2 @ 7:10pm. I have been looking for this one for quite a while, but usually got WYND if I broke the WJAS slop. 2/27 found WMT killing the Cuban on 600, & so w/fairly good Mid-West CK, I found XEHT-590 testing from 12-lan w/local WMB. They were IDing "attention, attention - XEHT". At least I think that's what they were saying; my SS is poor, hi. WIXC-1140 has been in real well on 1140 @ SSS, seems like they'll get out good even in the East where WYVA is super-pest. Reports have been going out at a pretty good pace, but veries are slow coming in. One very welcome though, was WMPF-610, which sent a postcard varie. The chances are that we may be getting one or two more Pittsburgh NRCers in the very near future. So, as we've been saying here in Pittsburgh, GPNH - that is, Convention in Pittsburgh-Youngstown next year! 738 & good DX to all.

DICK TRUAX - 5101 Tamarock Drive - Charleston, West Virginia - 25312

DX since last Hase has been limited to MBs due to odd working hours lately. MM 3/1 - WYHK-1380 la. s/on @ 2 for RT, WYHM-1380 Tex. s/off w/WYHK's OC @ 2:05, WYHI-1440 Kans. w/SID on RT @ 2:25, & WLLI-1230 Ga. w/beautiful ID @ 2:52 an on Special. Who was on 1270 from 2:45 till past 3:15am w/continuous replays of a Gates ATE Standard Reference tape w/various tones but NO IDs! Help! At long last WYHI-700 Nev. in nicely @ 3:25am w/rx a la HI AM, but not Dolly, ID @ 3:25am then more rx. The SS Mber was absent tonight & WYHL was a cinch. WYHI-1000 off for second BM in a row, this time yielding KLA-1000 Col. w/c/w & SID @ 4:02am w/CJRH nullied. MM 3/8 was a letdown w/only new catch WYTF-1000 N.C. w/ID & TT @ 3:03am o/XERB & Wolfman Jack. WYHL-700 Nev. in fair again w/no sign of the SS M but mixing w/UID ED-rr, could've been WYHI of they're IN. (I think Nancy AFB, the 50v. Puerto Rican AFB -ERC) Later @ SSS 23VI-700 in best over heard killing WYHM w/"Big Red Soul Power mx", most certainly at least a mild Aurora is in progress! I tried for ZDK-1100 but too many hets messing up channel & WYNY super-pest too strong. ERC has to be happy now, because WDEL-1500 was back on as usual AM thin morning! More in 14. (Yep, I'm all a-twitter! -RC)

(yup, Dick, it was 15; see p.3-GPN)

6
NO NAME - 4818 Farrington Avenue - Indianapolis, Indiana - 46201
Hi. About that book I offered. Would you believe Bill Swiger and Larry Black called me direct about it? By the time this is printed both should have received theirs. No postage needed. Best to both fellow DXers. Now, mucho DX. DX TESTs logged totals are around 250 stations logged. ERC, your un-ID on 860 might be XEMO in Tijuana, logged here MM 2/15 @ 3:57am ending Eng Tabernacle program, then EE & SS IDs. I presumed they were carrying EE religion AM. 2/8- CMJL-740 u/CBL, clear after CBL's s/off @ 1:05. KTLK-1280 Denver @ 1:53 w/pop, & CUMS-1280 Montreal @ 2 w/FF NX, KIMN-950 Denver @ 2:15 w/spiritual mx. WNEW-1130 NYC @ 2:20 w/mx. 2/11- TCW-640 finally logged even w/Cuban @ 11:08pm w/sports. 2/12- KIOA-940 Des Moines @ 1:13 w/mx. 2/15- KOMA-1520 Oklahoma City @ 1:53 w/mx, WSAR-1480 TEST good w/request for reports @ 2:10. WOHO-1470 Toledo @ 2:04 w/ID, WBIG-1470 Greensboro @ 2:07 w/address. I hope WGBG TEST makes it. KNX-1070 L.A. @ 2:17 w/NX program, WIBC off. WTIC-1080 Hartford @ 2:30 w/NX, WKLO-1080 Louisville @ 2:31 w/NX mixed w/WTIC. WDEN-1500 Macon @ 2:28 w/ET, KSTP-1500 ST. Paul w/Hi @ 2:40, WSTP-1490 Salisbury, N.C. w/TEST, ID oulled out of QRM @ 2:57. CKOK-1150 Hamilton @ 4:25 w/pop, beating all other QRM, except WDEL-1150 Wilmington w/ID & SID during TEST @ 4:28, weak. WDEE-1500 Detroit @ 5:10 w/ID. Two unID SS, one on 860 @ 4:45 w/mx, SS announcements, & 750, SS weak @ 4:57-5 when WSB s/on. Talk, some mx. 2/16- Another unID SS on 1020 u/KDKA w/US. pops & march mx, a few announcements, from 10:53-11pm when it faded away. Helps? 2/17- WOKJ-1550 Jackson @ 1:16w/ID, WCCN-1370 Neillsville Wis. w/ET, "Benefit" album @ 1:28-1:30am. KPRC-950 Houston @ 1:40 w/ID, WFIR-960 Roanoke @ 2:07 s/off. 2/19- WWRL-1600 NYC w/ID @ 1:36, WKUN-1580, Monroe, Ga. apparently this was one testing w/mx & TT from 1:23 past 1:45. WGW-1150 Chattanooga @ 6:24pm w/mx, WMAZ-940 Macon @ 6:28pm w/ID, KLCN-910 Blytheville, Ark. @ 6:32 w/Taylor. 73s.

LARRY E. BLACK - 4817 Malibu - Bloomfield Hills, Michigan - 48013
Howdy from Motown. Veries include v/l's from WWAM WEVA WGOC WEEF WMTA KDTH WEEP KS00. v/c- KFBK WOI. (v/q? -ERC) 2/10- WJMS-590 Mich. fair w/ WKZO looped giving all TCs in EST. 2/12- WEEF-1080 Pa. strong w/c/w. My report was farthest received to the NW since power change. Let's get with it, Michiganders. 2/15- Only Special was WJIM-1530 N.J. very strong. After their s/off, KFBK Cal. heard weak but readable. 2/16- WVOV-1000 Ala. fair w/WCFR looped. WEAS-900 Ga. strong on f/c @ 2. SASE is required for a verie: 2/18- WILY-1210 Ill. & WAVI O. in fair on SRS. WILY verie said they were heard the week before in NYC at noon on a car radio. Hard to believe. (That HAS to be a hoax, Larry - I'd love to see who sent that report on -ERC) 2/19- KDTH-1370 Ia. weak w/tri-state NX o/WSPD. It's been heard regularly since. 2/22- WPNX-1460 Ala. in for a few seconds & WRBC-1300 Miss. also brief. 2/24- WQTY-1000 Ala. poor @ SSS w/WCFR looped. WMTA-1380 Ky. s/off strong. 2/25- WEEF-1430 Ill. poor o/WIRE. Farthest report received in years. 2/26- Long-wanted WOI-640 Ia. great w/WHLO looped. 3/1- WBLJ-1230 Ga. DX was gladly welcomed here. Twas in most of the morning. WEVA-860 Va. f/c @ 12:45 fair. WION-1430 Mich. heard Tting @ 1:06 w/severe WIRE. KNOX-1310 N.D. r/c @ 1:15 good. WGOC-1090 Tenn. s/off on SSS, then WENR Tenn. s/off. 3/7 was one of the best SMS in a long while. KCII-1380 Ia/ r/c strong @ 1. WMAZ-970 Ill. r/c fair @ 1:15. WDMN-1490 Ill. f/c @ 1:59, only an ID caught. WJZR-970 N.J. w/WAVE looped, first N.J. station heard on RS, all others on f/c or DX. That night on SSS, WHLL-1600 W.Va. very strong o/WAAM & WWAM-1370 Mich. u/WSPD. 3/8- Only one thing heard, but a mighty good one, KRKO-1380 Wash. clear from 3:30-4, state #39. 3/13- WKLO-1080 Ky. w/WTIC looped @ 1:07. No sign of WUFO TEST.73.

JOHN J. HUPKE Jr. - 4826 Walsh Avenue - East Chicago, Indiana - 46312
I'm 25 years old and have been ~~living~~ for the past nine months. I have a Knight R195 RX w/a 27' antenna. I work as a motor inspector for the Youngstown Sheet and Tube Co. I also do some TV repair work in my spare time. Here are some stations that I have received: 3/9- 9:30 KFAB-1110, KYW-1060 WBZ-1030 KDKA-1020 KOA-850 WHAS-840 WCCO-830 WBAF-820 WGY-810 WABC-770 WJR-760 WSB-750 WLN-700. 3/10- 10:30, WOAI-1200 WHAM-1180 KSL-1160. I have received 19 states & veried nine of them. Till next time, 73- (Welcome to the NRC, John, & we hope to read about your catches often here in Musings -ERC)

7
TONY LAGATUITA - Box 6291 - Portsmouth, Virginia - 28703

Hello again from Virginia. First, a word of praise to Ernest R. Cooper, and the other men who give their time unselfishly to keep this great Club going. I met Ernie years ago in New York, though the Tidewater area is excellent for DX I'd probably move back to N.Y. (Brooklyn) or Cambridge, Mass. if ever laid off from work here, hi! We enjoyed a fine visit to local WVAB-1550 Virginia Beach. The DJ said they are glad to verify all reports. We showed him a copy of DX NEWS. Mr. Worcester who buklids the Space Magnet sent me a 12" ferrite rod as mentioned in a recent issue of IRCA publication. The rod was \$5 which is very reasonable. I wound a "loop" w/it & using two tubes (IU4) DX in daytime here is fantastic, hi! I will plan on building three stages tuned R.F. with he 12" ferrite. Shielding and placement of coils, etc. is very critical to minimize self-oscillation. Here is some daytime DX so far on Hallicrafters WR-3000 portable (transistor set) and two IU4 tubes pre-selector. WSVA-550 semi-local, WARM-590 w/semi-local WGTM-590 nulled out. WSIS-610, WSM-650 (not regular). I'm no engineer, but does anyone know if BCB stations "skip" at high noon? Now w/semi-10-cal WNNP-690 nulled was it WCYB-690 or WADG-690? I hope to know next week. (My money's on WCYB -ERC) WFNC-940 very strong, WBBB-920, WMEK-980 very strong, WANB-970 also strong. On 1010 it seems like WEIK-1010 which would be excellent - not sure yet. WHLL-1100 & WHLL-1170 weak. This is very good daytime DX on such simple equipment. I may visit NRCer Relfe Luton with IRCAer John Howcroft next weekend - not sure. Best wishes.

ALAN MERRIMAN - Box 6 - Fairfax, Virginia - 22030

Since it's been several months since I've appeared in these pages, I guess it's time for a Musing. There hasn't been much DX here, most of my time is being spent on the ham bands. I got back on the air in January & since then I have been having a ball chasing DX on 15 meters. Anyone want a sked on 15, CW, let me know. My call is KRGLU. Enough of that. Veries have come in from WVLC WRAR WILM WRYT WCALL WNWJ WUOK WPEM WEEB WBLW WKIG ZIZ-585 YSCF-1155 YVRQ-912 Lib-a-1124 EAJZ90953 HCJB-700 & Anguilla-1506. One milestone reached w/verie #1,000 from the U.S. Here's meager DX. 12/14- WAMB-1190 on one of their numerous tests @ 1:19, WILM-1450-DX @ 3:31 for welcome new one. 1/22- WKUN-1580 w/ET/TT @ 12:12, WBLW-810 w/ET/c/w @ 12:54. 1/31- WKIG-1580 in well w/Pop @ 12:15. 2/4- New WEEB-1130 heard at noon. 2/5- My semi-annual report to WUOK finally netted a verie. This is my eighth report since they moved to Cumberland from Keyser. 2/6- WNWJ-1080 poor on TEST @ 3:05. That's it. I am planning on attending the YAD get-together in Youngstown. If anyone from the Washington area is interested in a ride to Youngstown get in touch with me at 354-6085. I hope this gets into print in time, hi. All for now. 73.

CARL JUNKER - 1312 Colwick Drive - Dayton, Ohio - 45420

Time to Mure again and brag about my DX-plöits. Not much SS DX here lately, however MM has been great. MM 2/15- Great opening to the West, four new states logged: KWSW-1020 @ 2 s/off o/KGBS. KFWC-1030 @ 2 03 w/WX/NX. KORL-650 @ 3:30, & WDEL-TEST @ 4:05. Same morning KDWB-630 @ 1:35 & WSAR-1480 @ 3 w/TEST. MM 2/22- WGOC-1590 @ 12:45 w/Test & KVCL-1270 @ 3:30 testing. MM 3/1- WGHN-1370 @ 12:20 ET, WEVA-860 @ 1 testing, WRMG-1430 @ 1:05 r/c, KPOK-1000 @ 1:23 mx, YSS-555 @ 2:15, ZERPM-660 @ 2:30, KRKO-1380 @ 3:30, a much-wanted station from a new state for me, KGHL-790 @ 3, f/c for state #44, Montana. KUXL-1380 w/ET @ 3:35, WKAQ-580 @ 3:50. MM 3/8- My best catch in DXing career, KRDS-1190 @ 3 w/NX followed by c/w mx. I couldn't believe my ears, a 250w station from Arizona! Now I believe almost anything is possible. ("Ja ever try to play a trombone in a telephone booth? -ERC)

RAYMOND H. BELL - 413 Burton Avenue - Washington, Pennsylvania - 15301

I wonder how many NRCers were DXing in 1927-28 when et Gen EST 2BL-850 Sydney was often the strongest & sometimes the ONLY reliable signal? There were no AN stations. Even the Californians were off by Gen. 850 was a clear channel. At 6pm 2LO-850 London often had a clear channel. It was the best TA. Sometimes WSAI-830 Cincinnati gave interference to 2LO. In the 30s there used to be nights when there was a Buenos Aires station every 40 kilocycles.

8 ROBERT HARTMAN - 361 Dale Road - Bethel Park, Pennsylvania - 15102

Sock-it-to-me-baby-all-over-again, because it is time for me to
Masc again. Most recent happening here is having acquired a 1939 Philco console.
It's in fairly good working order, except for the fact it doesn't work, hi. I
have to ask John Shannon if he can come over & take a look at it. As for my Stev
art RX, it is currently taking up residence in a nice corner collecting dust. I
got fed up w/SW spurs, FM spurs & other such stuff which was just about all that
RX could receive. I am now using a Zenith AM clock radio which happens to work
better than the other (which isn't surprising). Now down to DX: 1/13- WBR-550,
Buffalo, @ 5:47pm. 1/14- SSS gave me WWR-620, Beckley @ 5:05pm; WYV-1600, Hen-
dersonville @ 5:42 a/off. 1/17- WKBE-800, Huntington @ 5:45pm a/off u/CRW. 1/
18- CHLO-1570 Ont. @ 6:15. 1/24- WTIC-1080 Hartford @ 12:10pm w/WX; KOAM-TEST by
passed here but I caught instead WKIX-850, Raleigh @ 1:15pm. Later that day,
WGWK-1400, Wheeling, @ 4:05; WCHS-580, Charleston @ 5:26; & WXYZ-1270 @ 7:50pm w/
Pro Bowl. 1/25 - I managed to hear a/off of WJPA-1590, Lafayette @ 6pm. 1/29- I
was trying SRS for the first time & found it to be pretty nice. WOR-710 @ 5:29pm
KFAB-1110 @ 6:05pm u/WIE; WPTI-1570 Rocky Mount @ 6:33 w/"Let's Go to Church",
while during the afternoon I heard WELD-690, Fisher @ 4:00pm. 1/30- U/WCR was a
good signal of WUPP-710 Eastman @ Gen. 2/1 SSS- WMAZ-940 Macon @ 6:15pm; when
they cut power WCPG-940, Houston came in I&C. 2/3- I finally logged KAMT-1090 @
6:20pm. 2/4- Tonight it was WYSE-850 Birmingham @ 6:23pm finally. 2/5- WDCW-920
Whitesburg o/WMMN @ 6:05pm. 2/7- WSPA-950 Spartanburg very loud @ 6:25pm. 2/11-
WAPC-900, Staunton @ 6pm a/off; right after ward WISI-900 Pikeville @ 6:02 w/good
signal. Veries are: v/q- WCAU WKYC WKBN WBHM WBBC WOOD WJAR WBAF CRE CKLW WCFI.
WLS WIBC WCHS WPKX WMBR. w/1- WAVL WLAC WISN CHLO WCOM WESA. Also v/q, WBAL &
WTVN. I would also like to welcome the Pittsburgh area's newest DXer, Robert
Simpson, to the NRC, the world's most wonderful radio club. Not to be outdone
by Florida's DXers, we of the Pittsburgh-Youngstown area have come up with our
own little saying about the NRC Convention (why we did, I don't know, unless the
Convention is given to a city with the trickiest saying, hi). So anyway until
next time, 73s & CPTN (Convention in Pittsburgh-Youngstown area Next Year!)

RONALD F. SCHATZ - 510 N.E. 158 Street - North Miami Beach, Florida - 33162

Greetings & Sanitations! And the best goes out: ERC: Your
1430 Caracas WAS HJH, "R. Magdalena" in Santa Marta, & your 830 SS was the "El
Caribe" Dominican, DFG: "R. Darrousel" is definitely no "terrible tongue-twister
in SS" as you say. At least I have no trouble with it, & I wasn't born speaking
ES! JKC: How did "Hill Bank" (should be Belnopen)-920 get in your "30 EE Coun-
tries" list? Even I haven't heard it yet, & I have the best opportunity. Tres
bien, this is MM 3/15, the Idea of March. That c/v on 900 around 1:55 was WSWN
in Belle Glade w/ET. KXLA-1530 was TTing around that time also. At 2:05 was a
f/c from a station that really needed it: WAAO, Andalusia, Ala., was adjusting
its carrier in jumps from 1527 1527.5 1528 1531 & finally to 1530 in the course
of that minute. What's that about plus-minus 20 Hz? Hi! "R. 1090" on same w/
CST in SS to 3 was likely YSU. "R. Patria"-1540 AM u/ZMS1. ZMS2-1240 deadened
the frequency w/its OC all MM. I got live coverage of the Clay-Frazier fight of
HJAF-919 via Todelar - in SS naturally. I was three rounds ahead of NBC. I
couldn't find any EE coverage at all anywhere - not even APMS-1340 in Sino. DX-
ing does have its practical side. I tried my UCL on 730 MM 3/15, but what was u/
CKAC was too weak to pierce the heavy static. At least I could tell that CKAC was
definitely NNE of me, hi. UCL, of course, is the unidirectional cardioid loop,
still in the experimental stage. Note: Pending San Diego as the IRECA Convention
site, I am seeking riders both ways between Fla. & Cal. This is a good way to
save a fortune in travelling expenses. Round trip guaranteed (but not required)
for riders living in Texas & eastward. Save o/50% over flying or driving alone.
Fla. joint members especially desired. If I can't get riders, I'll fly out there
myself. (What, no plane? -ERC) My fellow Californians (I've been one for three
years): It would be nice if we could hold all our Conventions in Cal., but tradi-
tion is tradition. So why not do the next best thing? Cast your vote for FLORIDA
at the NRC Convention in San Francisco. We want only the best for our Club, so
let's keep our Convention under the palms. Remember, it's Florida & U in '72!

Marc DeLorenzo - 35 Sylvan Drive - Hyannis, Massachusetts - 02601

9
On 3/12 I ventured down to Woods Hole, Mass. to see what daytime
CX are like down there. They are amazing. Woods Hole is 20 miles SW of Hyannis
which makes it about 65 miles from Boston & 150 from New York. Yet since it is
located right on the coast, I found the NYC 50kizers are actually stronger than
Boston's! In fact, the loudest station on the dial is WABC. I noted many other
interesting situations: 1600 saw a very loud WING-L.I. and a weak WJRL - no trace
of semi-local WUBR. 1400 had WJOM NYC sneaking in behind local WJAR w/a pretty
good signal. 1460 had WVOX-1460 NYC only 500w but easily heard u/WBET; they are
audible here in Hyannis but only w/the GHN Loop & HQ-129X - all I used in Woods
Hole was a Panasonic transistor! WRIV-1390 L.I. good u/WPIM; WHEX-1300 NYC was
all alone; in Hyannis, WBEX N.H. is all alone on 1380. WADO-1200 NYC was also a-
lone. In Hyannis (and everywhere else in Mass.) it's WEDM. WCAU-1210 is much
louder down there; WLJF-1190 NYC all alone, no trace of WKDX Boston. WGSN-740
L.I. w/a c/WCAS Boston; WABC is much louder than WRKO, WCRB louder than WHRI!
WINS & WJH are about equal to WEE. WPAT-930 NYC well o/WJRH; WJUB-900 Conn. doc-
ument, WCAP Mass. very weak; WHLE-1100 L.I. is louder than WILD-1090 Boston; WYUJ
-620 N.J. alone on channel; WACA-570 NYC only slightly weaker than WJEE-590 Bos-
ton. In short, DX from Woods Hole is a great example of how radio waves would
much rather travel over water than over land. All of these loggings were between
1:30 & 3:30pm by the way, so this was strictly groundwave reception. As soon as
it gets a little warmer around here, I am planning on taking the ferry to Martha's
Vineyard to see what it's like down there. (Try 1340 Marc & I'll bet you get
WJED-Atlantic City! Maybe WTPG-1450 too -ERC)

HILL RACZKO - Route 2 - Box 70 - Swanton, Ohio - 43550

Hi gang. Yes, I'm still alive. Only one newbie since last Musing,
ZDK-1100 2/12 @ 10:25pm on my car radio coming home from work. That was country
#53. As a re-intro for the newer members, I'm 21, married, and live in rural
Swanton, about 12 miles West of Toledo (who?) My RX is a Lafayette KT-340 with
three C-Multipliers (two external, one internal) and a longwire antenna (well, it
was, until the wind broke it a few weeks ago, hi). I used to write for veries,
but gave up in 1969 when only 10% of the stations replied (most foreign didn't).
When I began writing for veries in 1966, my returns were over 90% without f/ups.
If anyone knows where to get copper antenna wire cheap, let me know - I'm planning
to build a Beverage antenna next September (the field in back of our house is a
mile long with no houses, etc. Peace.

IMS DAVE DORRILL - Naval Facility - Box 71 - FPO - Seattle, Washington - 98791

Adak, Alaska. Hello, after an absence of a few years' DXing.
I'll be in Adak until July for Naval Reserve. DXing's different from in Indiana!
Stations I'd have considered good DX there come in nightly and there is only one
local (and no semi-locals) - APRES-890. Wolfman Jack is I&C nightly on XEHB-
1090. I was surprised to hear KERR-780 (that is, surprised to find Nevada now
has a 50kw. station). Until just recently I was using a portable RX. A Navy R-
390 RX at work has just been fixed and is useable so DXing should improve. My to-
tals heard must set a record of sorts. States-7, provinces-2, countries, 7. Ma-
ny WDCers are regulars (mostly Vancouver & Seattle) and many Asians (mostly Japane-
se). A WJ Log and WRIVE are ordered but as they're not here yet, I'm sure of on-
ly a few foreigners. So, I'll not list my loggings, yet. One question - about
4:30 EST a station on 800 IHz "La Radio Tres Dias Sies" and "Tres una la Plata,
Argentina" - XELO? Paul Scottini, another swabbie here, has also just joined
ERC. APRES-890 Adak prints SCs. Anyone wanting some, send a stamp. 73 for now.

LAWRENCE STEPHEN DINSMORE - 27 South Sea Avenue - West Yarmouth, Mass. - 02573

Hello again. Marc & I did a little DX on M: 3/8. We
heard the WKED-1090 TEST w/a good signal through WBAL's OC 3-3:35 & special added
attraction KRDS-1190 w/country-ish rr (Glen Campbell, Bobby Goldsboro) 3:15-3:25.
I was astounded at the strength of this little 250w bugbit. Duane Gieser: congrats
on WJAR! After SSS, they're very hard to hear around here - 50 miles East. (Hi,
Larry - a card coming - ERC)

10 DAVID GLEASON - Radio Uno - WUNO - Box Q - Hato Rey, Puerto Rico

Hola. Judging from my correspondence, there is a dire need for a re-introduction on my part. Beyond saying that I am me, I should mention I have been DXing for about 12 years, if only infrequently over some periods. Age is 25, profession is doubtful. At the present, I am VP & GM of San Juan Broadcasting Corp., owner of top-rated (I had to get that in) WUNO. I am also standby CE, due mostly to the fact that I am the only other first ticket holder on the staff, & the CE has the habit of running off on weekends. At the same time, I have some interesting investments in eight or nine radio stations in Ecuador. Anyhow, WUNO is brought to you by the same lovable folks who brought you WMAK-1300, WBSR-1450 & WKGN-1340 (all NSP), so if anyone is lacking a verie, I will see what can be done. DX has been poor, with only a few tyings of note, and they are in IDXD. It is strange, but I had better U.S. reception from Quito than I do from San Juan.

CESAR OBJIO - Calle Benigno F. Rojas 46, 3er. Piso - Apt. 5 - Santo Domingo, D.R.

Hi everybody, here I am again. It is a pity that I have never received DX NEWS issues #15 & 16, dated 1/30 & 2/6.* I wish if somebody does not wish to keep these copies to mail them to me, I am willing to refund postage for an airmail delivery to my address. Thanks. I had had news that there was one MW station in operation at Higüey, in the Eastern part of the country, and no info could be found anywhere or with anybody, so I decided to investigate. On Sat. 2/27 (Independence Day) I visited the town and it was true, there was not one, but two stations in operation in that town, never before reported. In IDXD you can read the info. Apart from this I wanted to hear other stations as heard from the place, but a terrible headache prevented me from doing this, some Santo Domingo stations and others from Puerto Rico are heard, even TV Ch. 5, Mayaguez, was the one currently watched by everybody in town, the Dominican TV station can't be seen (Ch. 4). Ired of DXing with my cheap phones which hurt my ears I decided to buy new ones. I chose the Superex from Lafayette catalog, and just imagine, when I went to Customs to pick them up I was told I could not have them if I did not have an authorization from Telecomunicaciones as this was something supposed to be used exclusively by hams. So I went to that office to request a permission with the help of Nobel Alfonso (former director of Radio Cristal), who knows everybody in there. The permission was granted and back to the Customs to have my phones delivered, which was promptly done, after paying the highest taxes in the world. An information was overheard in Telecomunicaciones about somebody who is planning to install a stereo station on MW in Santo Domingo; some time ago I saw an information like that in DX NEWS about a station in the U.S. Can this be done successfully? Why not use FM? We now have two stereophonic stations in FM: HIJB & HIFA already testing their FM XR. Do you need a frequency meter? The Heath Co. is selling one (IB-101), with it your frequency will be measured in kHz or if you wish more accuracy you switch to the Hz position and you will read to the nearest Hz and no guessing, it is with a digital-indicating counter and you can read the frequency in the window, obly priced at \$109.95 (See Electronics Illustrated, 3/71) ERC; times used in my last Musing (2/20) were GMT, not EST. What station in N.Y. IDing as WGM (or similar) on 3/3 C lam EST? (That's WGY's FM call, Cesar -ERC)

(sorry, Cesar, replaced from HQ - BPC)

ROSS E. HANSCH - 5013 Risser Road - Madison, Wisconsin - 53708

In attempting to fill the 107 channels for the Domestic Contest, I've been forced to log 20 some new stations in the past four weeks, even puts me over a thousand, not bad in only 50 years! MM 2/15- 2:14, WJDM-1530, 3, KAIM-870, 3:30 CURS-1510, 4 CKK-1150 - first time since 540 days. 2/22- KIL0-1440 TEST in good C. 3/1, lots of 'em. 1:10, WION-1430, 1:35 WBLJ-1230 TEST just made it, 1:46 CJRN-1600, 1:47 WOLS-1580, 2:24 WPL0-590, 2:42 CKCY-920, 2:56 WYLD-940. 3/6- 3:12 WITE-1090 TEST on OK, 3:42 WKLO-1080, 3:56 WNDR-1250. 3/10- 3:40am, WJDL-1380, I can't find Fairway on the map. 3/12- 7am, CJOR-600 B.C., 7:58, KOCH-660, 7pm, KZMA-1220, 7:21 KMBZ-980. MM 3/15- Static, nothing West. 2:51, WJD-1550 LT, 3:41 WILS-1320, 4:37 CHAM-1280. Listening with a longwire makes me appreciate the loop. (3).

THE NEXT ISSUE WILL BE IN TWO WEEKS. DEADLINE WILL BE THURSDAY, APRIL FIFTH.

BLAKE LAWRENCE - Box 803 - Canon City, Colorado - 81212

I have a little DX to talk about, so I guess I'll put it in a Muse. 2/26- KCAS-1050 w/s/off @ 7:30pm. 2/27- KCCC-930 ending ET @ 2:30am. 2/28- KVIS-1450 Ariz. w/rr @ 12:56am, CHLO-1570 (apparently my unID a few weeks ago taped w/SID & rr @ 1:44, CHAT-1270 w/s/off @ 3:10. MM 3/1- XESM-1470 w/R. Fiesta @ 4:13, XEIG-680 @ 4:23, WIBC-1070 Ind. u/KNX OC/ET @ 4:29, WCAR-1130 (One I'm really proud of) @ 5:06 u/o CKWX w/MoR, unID on 1070 s/s/on-SSB @ 5, WNCT? KOKA-1550 La. @ 5:33 s/on, then NN, KOL-1300 w/announcement on ET (?) as "This is KOL Seattle...". I think the guy said "conducting ETs" but KOL is supposed to be NSP. WMTG-1280 appeared @ 11:45pm on 3/1. 3/4- KJIM-870 u/o WWL w/s/off @ 7:29. 2/5 AM- KFAB was off again, maybe getting DA fixed? KORN-1490 DX in @ 2:29, KDIX-1230 r/c also heard u/pest KDZA. KAMK-1520 newie heard @ 9:33am 3/5, KFY0-790 heard @ 7:28pm w/NX. I noted XELO on 1600 on 3/6 @ 1:48am, harmonic or relay? 3/7- KODY-1240 @ 1:41 w/ID on ET. MM 3/8- KQRS-1440 poor/fair w/progressive rr @ 4:33, CBE-1550 noted @ 5am s/on, CMJN-780 Cuba in fair @ 5:15 in SS, KLIIV-1590 w/ads u/KUDU @ 6:08. 3/8- KCLE-1120 Tex. fair @ 7:31pm giving mailing address, ID, then off abruptly. KBAD-740 N.M. w/rr @ 7:43 - why would any station want those calls? 3/10- KCSR-610 finally w/ID @ 7:29pm, and KOWH-660 Neb. for call change from KOZN @ 7:43. Somebody s/off @ 6:01pm on 570 on 3/10, KGRT would have been the only likely one but my unID was UNDER KGRT! Who could this have been? I had a weird unID on 850 MM 3/8- They IDed as "con diez mil watts" (w/10,000w) & had SS ads for something called "Nacional" (Tome Nacional ...), then guy shouting in SS & then a Coca-Cola jingle ad sung in SS. This might be HJKC, but they said TEN kw! Any ideas? (A guess - YNAV? -ERC) Heard - 668 stations & hoping for 700 by 4/1. DXing has reached an historic turning point - ERC joined IRCA! Welcome to IRCA, Ernie. 73s to everyone except Dolly Holiday - a big zero to her!

MATT ZAHNER - 7224 Gough Street - Baltimore, Maryland - 21224

(BCB Editor of NNRC) Long-silent WTOW-1570, Towson, Md. was testing on 2/28 & was ready for operation. Subsequent windstorm blew down its two AM and one FM towers. A chat with station personnel reveals new operation date is 4/1/71 w/5kw. daytime, directional SE. Station wants reports; will verify CORRECT ones. Address to C.E., WTOW, 1570 Hart Road - Baltimore, Md. 21204. Towson is a suburb of Baltimore.

NANCY GANTZER - 67 Liberty Street - Fredonia, New York - 14063

Four new states added to my log since last Muse, with three the result of my new SM-1. 2/15- WDEL TEST came in fair to very good, o/CKOC at times w/CKOC nulled. 2/26- WBBR-1580 S.C. 6-6:13 s/off w/c/w. 3/7- KVOO-1170 7:15-7:25pm weak u/WVA. 3/8- KSTP-1500 o/WTOP/WDEE 7:11-7:50pm. 3/9- With CKPC Surprisingly absent on 1380: WBNX 7:30-7:35pm excellent w/SS mx, WIVR ID @ 7:38 weak u/WBHX, WACK 7:58-8:30 very good w/Soul mx. Boston: I finally heard your famed WRKO 2/1 10:45-10:50pm w/their rr. ERC (in answer to your ???): I selected those four cities because I have friends in them.

AND A HAPPY EASTER or PASSOVER to all NRCers. We will be back with you in two weeks.

HOURS OF BROADCASTING

CKY-580-24 hours a day, seven days a week.
CKRC-630-24 hours a day, seven days a week
CJOB-680-24 hours a day, seven days a week.
CFAM-950-24 hours a day except Monday 12:05 a.m. to 5:30 a.m.
CBW-990-six days a week, Mon. to Sat. 6 a.m. to 1:20 a.m. Sun. 7 a.m. to 1:20 a.m.
CKSB-1050-Monday to Saturday: 6:30 a.m. to 12:00 a.m. Sunday: 7:55 a.m. to 12:05 a.m.
CHSM-1250-24 hours a day except Monday 12:05 a.m. to 5:30 a.m.
CFRW-1470-24 hours a day, seven days a week.

FROM: MIKE MUENCH
SPRUCEDALE, ONT.

Winnipeg →



ROBERT L. FOXWORTH
GPO BOX 2111
NEW YORK, NY 10001

All Times are GMT. Please submit your tips in GMT. There is ONE reporter who is submitting tips in EST. Thank you. Items do not have to be in frequency sequence. Please use one side of the sheet, and a compact layout. Gracias.

Receptions:

- 540 Nicaragua. Radio Corporacion, YNOW, 3/8 1114 with farm pgm, "Amanacer Delta" with dedications, ads, IDs, "Coca-Cola - es la realidad" etc. Excellent reception. (Hauser, Texas)
- 540 Dom. Rep. HICM caught 0606 3/6 at s/off with ID "Radio ABC, HICM" in Spanish, man ancr, folo 0608 by band (anthem?) and off air 0609. Was good; covered residual noise on channel. (Kocsan, N.J.)
- 566 Ireland. Athlone a passing surprise with good signals and clear audio 0707 3/8; had wx summary at the time. Seldom heard here, tnx WQAM (RFS)
- 610 Trinidad. In JKC's otherwise excellent article in DX News 3/6, change "Radio Guardian" to "Radio 610" as the "Guardian" name is no longer used. (Wood, La.) (also from REW: A few typos in the same article, 820-La Voz del Rio Cauca; 780-San Cristobal. -rew)
- 650 Hawaii. KORL a MM regular; in 3/8 0820 PSA's, promos. (Hauser) (No ads?)
@ Very weak audio sounded Eng 0745-0900 3/8, KORL maybe. (Sullivan, Mass)
- ** 665 Lesser Antilles. unID noted with Jazz Combo 1000 3/8; was not parallel to W.I.B.S. which had calypso and tumbes at the time. Could perhaps be Ottos, Antigua from 620. (Schatz, Fla)
- 719 W. Germany. Get a report to RFE Munich before they are forced to move from Germany. A strong action in this matter are the Olympic Games-1972.. (Ericson, Sweden) (There may appear in this issue a lengthy article from the NY Times on RFE which your ed has sent to Boston, if the CIA OK's it.)
- 725 Ecuador. unID, slogan is a "emisora ...ianco" or some such. Is definitely a HC-, and is AN. (Schatz)
- 725 Costa Rica. Was TILX carrying "the fight" live? 0400-0430 3/9 they had some sports event on and thought I hrd "Cassius Clay" mentioned several times. In Spanish, of course. (Sullivan, Ma)
- 880 Peru. Radio Union, Lima evidently running AN, 0800 ID 3/8 "Radio Union, primera en sintonia nacional, primera en deportes"; TC in EST. Pgm was called, "fiesta en la noche del Peru." (Wood, La.)
@ unID, SS, Looped south 0750-0900 3/8, weak but steady, bad low freq het, pgmg similar to OBZ4N but no IDs were hrd; het disappeared 0846 but sig by then was too weak. (Kocsan, NJ) (See above; Richard, did you hear a het also?)
- 885 Montserrat. Often noted but first time signal was good enough to knock thru WCB3' USB for positive ID 0134 2/18; relig pgm in Eng. (Kocsan NJ)
@ Likely Plymouth, English intonation audible 1015 3/8. (Hauser)
- 890 Colombia. Whereas WLS was AN the previous week, on 8/3 it went off by 1000, clearing freq for LW de Bogota with farm pgm, EST TCs, sleepy ancr, noted at 1014. (Hauser, Texas)
- 910 Haiti. Radio Nouveau Monde now has a listener phone-in show evenings. Hard to picture this in such a poor, undemocratic country. (Schatz, Fla)
- 925 Neth Ant. Radio Victoria, PJA6 has Papiamentu, for those wanting to hear what it sounds like, 1000-1030; sounds like Portuguese with a Dutch accent. (Schatz)
- 953 Canary Islands? If EAJ29 does sign off at 0000 as sked, then this must have been EAJ50, Radio Las Palmas. I got there too late to get an ID, only heard the last 4 minutes before 0100 s/off. This on 3/9. Definite Spanish with male ancr, light mx in background. Fair signal but cut up badly by 950 splash. Worth watching. (Merriman, Va.)
- 1010 Mexico. XEHL, Guadalajara 0800 ID 3/8 "en la onda 10-10, es musica de peque. (Wood, La)
- 1020 Venezuela. YVMX thru KDKA OC 0530-0545 3/8, frequent Radio Calendario IDs. (Sullivan, Mass)
- 1025 Panama. L V del Barú, HOU, David, 1102 3/8 hetting others on 1025 with Kodak ads in Balboas, ID "desde David, Chiriquí, la República de Panama, transmite La Voz del Barú...", TC (Hauser)
- 1075 Costa Rica. TIFC 0223 2/10 in Spanish with chamber mx 0230 with MoR mx, 0240 news, best yet, frequently noted but difficult to read. (Kocsan)
- 1080 Cuba/Venezuela mixing 3/8 0956 with anthems, KRLD off-and-on with OC and test ID, unusual reveille from ICR Cuba via listed CMBM, Radio Caribe, Santa Fe. Venez was Radio Barcelona of course. (Hauser)
- 1097 Spain. Madrid 3/9 0237 low signal but fair audio, in SS with classical mx, Spanish guitar and singing. (Kocsan)
- 1120 Panama. "Radio Montecita" AN with Junco mx and double-take TC's. KMOX nulled on standard loop. (Schatz, Fla)
- 1120 Venezuela. KMOX finally off 3/8 1003 allowing routine YVMF s/on in. (Hauser)
- 1124 Libya. Assumed this one 2250 2/10 with man chanting, weak and bad sidebands slop, heard before at appx same time but never well enough to ID. (Kocsan)
@ El Beida hrd 0400 3/7 to about 0520; s/on 30 minutes earlier than given in WRTVH, Good level at first but very much weaker after 0000 ISR at tx. Had OC on sometime around 0345 making a wicked het with TISRHE or what=ever call is. Also logged next night, same time and got a good tape of part of the s/on. Anthem has a pretty good beat. Had chanting, some US records, including Dylan. Country #37. (Sullivan, Mass) (interesting, they have US music; must be moderating their outlook, or else they have suddenly found that Libyans can't operate the oilfields, hmmm? -ed)
- 1165 unID. Looped SE 2/21 2323, fair signal, fading, tenor singing, not in Spanish "yours is my heart alone" then carrier suddenly out. (Kocsan)
- ** 1170 Colombia. Radio Peninsula, Barranquilla, likely a new station, dominant on the channel and blasts in every evening. (Schatz, Fla.)
- 1196 Germany. VoA 0522 3/4 with 2 man talking Hungarian, positive with usual VoA ID at 0530; good signal, low atmospheric, bad splash. (Kocsan)
- 1202 Colombia. Cúcuta, L V de Cúcuta (CARACOL) is the one here. Got ID at 1025 3/8, bad YVOZ QRM. (Schatz) oops, Schatz, sri
- 1205 unID IA. SE or SSE 1025 3/8, could be the HJ- noted previously. (Schatz)
- ** 1277 Spain. New one hrd here closing down around 2200; hrd with RNE news at 2100. (Ericson, Sweden)
- 1295 Gt. Britain. Crowborough 0538 in French 3/7 in Euro Svce as per WRTVH, ID as "BBC World Service from London"; bells at 0545, fair. (Kocsan)
- 1340 Colombia. HJFA Barranquilla logged 0930 3/8 s/on with chimes, station info, chimes, then NA. Did not catch name. First GY HJ. HJ #114. (Schatz)
- 1349 Greece. Pyrgos Bc. Station hrd widely and very well on this new freq from 2300 and until after 0300. (Ericson, Sweden)
- 1367 I.W. RNI probably the stn here 3/9 with pop mx, no anmts hrd. Noted at 0045 and not there when I checked back at 0120. Perhaps s/off at 0100. Anyone know for sure if they are still on, or were on on 3/9? (Merriman, Va.)
- 1375 St. Pierre. Being hrd again eves, now that I can eliminate colinear R. Monumental with the UCL (Unidirectional cardioid loop) (Schatz)
- 1385 Spain. ANER here, inquired about, is Radio Centro. (Ericson, Sverige)
- 1457 England. Assumed Clevedon. 0353 3/4 with news in Eng. and IDed as simply, "News from BBC" folo by YL in Slavic lang; 0422 man in German, 0428 YL in German, 0429 man in Dutch or German, cont'd to 0459 with carrier cut then. Weak, shallow fading; 1295 was empty; hrd same format 3/7,9 (Kocsan)
- 1505 Anguilla. The Valley finally logged well enough to report on 2/19, 0010 to 0200 s/off. Mostly pop, some calypso and what sounded like hymns just before s/off. Female ancr during earlier part. Has 3 or 4 note IS. (Merriman, Va.)

1540 Honduras. San Pedro Sula, "Radio Patria, la voz internacional de Honduras", 10 kw and actually gives local ZNS a hard time here. Seems to be brand new. Logged on Delco car radio one evening on way to work. (Schatz)

1540 Bahamas. Nassau running AN mx pgm, tried to get a good ID on tape 0630 3/3 but too much KXEL. (Sullivan, Mass)

1578 Italy. Genoa I 0211 3/9 strong signal with TT till 0215 folo by OC with intermittent bits of tone test; 0256 a tick a second started started to what I assumed to be NA at 0315-0317, a brief mx interlude then into a 15 minute telephone discussion, followed by what appeared to be a ring-side blow-by-blow description of the Frazier-Ali fight in New York! (Kocsan, NJ) (Interesting, see TILX 725 item this section-ed)

1594 unID in Spanish, loops SE, noted frequently by its strong het but WRRL splash usually covers up audio; however, hrd well enough on 2/27, 3/3 and 3/7 to note Portuguese speech (?), sedate music and soft-voiced amncr; had chamber mx 0220 2/27, usually appears between 0200 and 0400, very fadey; Lisbon? (Kocsan, NJ)

Verifications

585 St. Kitts. Excellent verie letter from ZIZ for report of 12/5/70, received on 3/12. All details, signed by Z.A. Joseph, AG. Broadcasting Officer. Mentions that they were testing on 585 for a few days due to severe interference on 570. No mention of where they are now. Transmitter is Australian and antenna is a top-loaded Tee, 160 feet high and 400 feet long. Very welcome as country #83. Now, if only ZDK would come through. (Merriman, Va.)

1500 Azores. Address for this is: CSB83 Radio Station, AFRTS, 1605th Air Base Sqdn., APO 405, New York, N.Y. (Ericson, Sweden)

1505 Anguilla. May be 1505, though as definitely seems closer to 1506 than 1505. Usual verie letter from Mr. Dunlop for report of 2/19. Specific, but he insists that they are on 1505. (Merriman, Va.)

addenda

1475 Spain. In issue #21 you ask for help on Spain-1475; s/on at 0400 is very unique as most Spanish starts around 0530 or 0500. The most heard 2-syllable station is Radio Reus incidentally. (Ericson Sweden, who adds, "I have been studying law extra off the working hours. June 10 all will be finished and then I will have more time for reporting." Lycka Till!

In closing, remember that 73's means "best regards" and that 73 = best regards.

Radio Monte Carlo Starts Broadcasting 24 Hours

LONDON — A serious threat to any British-based commercial radio scheme is posed by Radio Monte Carlo's plans to start round-the-clock broadcasting to Britain.

With the U.K. Conservative government's likely go-ahead to a commercial radio network next month, the proposed British commercial stations will still have to contend with the problems of needletime and broadcasting hours.

Radio Monte Carlo, with unlimited airtime, has placated the French musicians' union by agreeing to employ a 110-piece orchestra, even though it will never be asked to broadcast. This means in effect that Monte Carlo's English language programs will have as much needletime as they require.

The station, with financial backing from both the French and Monaco governments, plans to operate for seven hours a night by the end of the year, gradually phasing its programs to include 24 hours a day broadcasting to Britain within the next few years.

The potential of Radio Monte Carlo was first recognized by Radio Geronimo, who hired the transmitters for three nights a week for much of last year.

Geronimo's transmissions stopped, however, when Radio Monte Carlo started their own pilot programs to Britain in December. Broadcasting on 205 meters, medium wave, the station used British disc jockeys Tommy Vance and Dave Cash for two and one-half hours each night.

Any reception problems will be solved with the station's new \$7.2 million 800-kilowatt transmitter now being built in Monaco. The transmitter will be the most powerful in Europe.

The station's authorities estimate they will need at least \$4.8 million a year from advertising to make the scheme viable, although the management hope their problems will be greatly eased with British admittance to the Common Market.

Meanwhile, Radio North Sea International, the pop pirate, has returned to broadcasting after being silent since September. The station is housed in a ship anchored off Holland and its English language programs are being broadcast on 222 meters medium wave and 49 meters short wave.

Odds and ends...

--- TILX ---
New AM stations, call letter applications: Big Country Radio, Fairbanks, Alaska (cp for 970 kc) requests call KIAK. (Broadcasting mag)

Corrections to CARACOL list of 1/9/71:

- 1) after Radio Pasto: "Pregones del Quindío en Armenia"
- 2) after Socorro: "Radio Telica" (spelling doubtful)
- 3) after Ipiales: "La Voz de Sinatuco" (spelling doubtful)
- 4) add to last line: "...en Rio Negro" --from Ron Schatz

Overseas Mailbag - comments from our non-Stateside monitors. This week's letter is from a listener in Puerto Rico, and does not begin, "Dear Doctor Franzblau, my child has..." Seriously, it's from Dave Gleason in P.R. ...

Am using the R-390 in an apartment building, with a fairly high noise level. The antenna consists of the S.M. which is fairly helpful in nulling locals. (I believe S.M. is the Space Magnet-ed.) What is needed the most with the R-390 is the nulling of adjacent signals, that is, the ability to do so in order to log splits. The R-390 has very good selectivity, and one can easily spot several splits on some ranges between domestic 10 kc divisions. The frequency accuracy is better than they say it is. Accurate measurements to about 150 Hz are apparently easy to make.

All DXing is based on memory, the ear, and NRC bulletins as there are no logs here at present, some are on order. Have also been listening to a bit of SW on the 90 and 60 meter bands, again, the R-390 is excellent for reception of IAs on those bands.

I will again mention that Carrousel veries may be obtained only from me, in San Juan. I doubt that anyone in Quito or Guayaquil will answer of their own accord. I have been told that a number of reports sent to Box A-57 in Quito will be forwarded soon.

(from a letter received subsequently) I have received the "71 WRTVH and have spotted a number of listing errors in the HC section which are being corrected separately. A note of explanation may be of interest in this matter. 2 years ago, before the current Ecuadorian administration came to office, there was a wholesale granting of frequencies...about 70 were given at one time. The incoming Government finally stated that any station not on the air by Jan. 1, 1971 would lose its license. Many of the last minute grants were affected, as well as a number of stations authorized some time back, but not operating at the time. There were instances of grants being made within 10 and even 5 kHz of other operating, pre-existing locals. Some did make it on the air, and were then moved about to accommodate each other. It is interesting to note that the vast majority of stations in HC-land (in fact, all except 3 or 4 outside of Quito & Guayaquil) use longwire antennas; not towers. Those outside the 2 major cities that I do know have towers include: Paz y Bien-1345, Canal Manabita-625, Musical/Alfa-1140 and Vision-650. Towers are in use in Guayaquil on the following: 540, 605 (not yet on), 655, 675, 775, 800, 870, 905, 925, 946, 975, 995, 1050, 1080, 1270. The rest are longwires. Quito towers are on 550, 570, 590, 640, 660, 700, 760, 810, 920, 1210. Rumor has it that the Armed Forces are putting on the air this month a 20kw station in Quito, also with FM and SW. The only available freq would seem to be 610 or 620. Incidentally, most of these towers have not been tuned by the impedance bridge method but rather, by just tuning a series inductor (with shunt capacitor to ground) for maximum RF ammeter reading. Of course, the reading may be for resonance at a harmonic freq. instead of the fundamental, or at a point of false tuning; in any case, efficiency is lost. Thus, HC- catches are all the more significant to the DXer. Hope the enclosed is of some value. - Dave Gleason, Hato Rey, P.R. -0-

PRESSTIME FLASH!

The mysterious BBC station being widely heard on 1457 kHz carrying the BBC World Service is the transmitter regularly used to air the European Service on 1295 kHz. The BBC is probably testing on the 1457 channel in hopes of moving from 1295 to avoid the severe QRM currently experienced in Central Europe from the rather powerful new Bulgarian station now on 1293V. It is not known how long these tests will last or what the final frequency choice will be. In a related item we also have learned that Radio Monte Carlo on 1466 has decided to postpone their planned all night operations because of the interference from the 1457 tests. (GPN)

A STUDY OF U.S. RECEPTION OF EUROPEAN STATIONS IN 1969 AND 1970.

The following stations were heard during 1969 - Albania, Andorra, Austria, Belgium, Czechoslovakia, France, Germany (East and West), Holland, Italy, Lithuania, Luxembourg, Monaco, Norway, Poland, Portugal, Spain, Sweden, Switzerland, United Kingdom, Ukraine, U.S.S.R. and Yugoslavia. The most frequently heard stations are those in the Central and Southern parts of Europe, with Spain and Portugal being frequent. The Northern part of Germany (N.D.R.), Sweden and Norway were RARE loggings. The U.K. stations noted are as follows. BBC3 and 4, Droitwich (647 and 1088), European Service, Crowborough (809 and 1295), BBC4, Washford Cross (881), BBC4 Brookmans Park (908), BBC4 main transmitter at Stagshaw, Northumberland (1151), BBC1 (1214) heard from coast to coast, BBC4, Clevedon (1457), and a tentative logging of BBC3 on 1546, the low power relay channel.

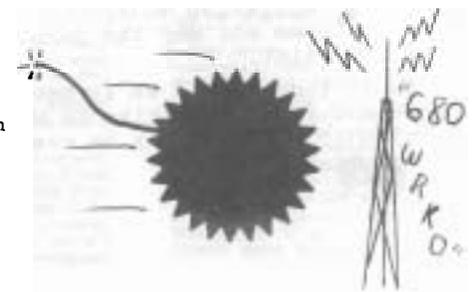
Noticeable, apart from the 1151 logging, is the absence of reception of the North of England and Scottish channels. The rarities are Norway and Sweden. Stavanger (1313) was noted on 17.2.69 and 24.11.69, and Horby (1178) on 11.1.69 and 17.2.69 along with a tentative on Sweden (1223) on 17.2.69. N.D.R. on 671 was noted on 1.11.69. The reason for the rarity of U.S. reception of Northern U.K. and German signals as well as Norway and Sweden stations is that the path taken by these signals is over the high Northern latitudes path in which the degree of absorption is usually higher than in the more Southerly paths. Now here is the LIST. Underlined channels heard in California.

Table with 2 columns: kHz and station names. Includes entries like Beromunster, Budapest, R.N.E. Oviedo, DLF Braunschweig, Athlone, Stuttgart/Muhlacker, R.N.E. Madrid, H.R. Frankfurt, Lyons, R.N.E. Coruna/S. Sebastian, Prague, BBC3, Seville (?), Florence/Naples, Lisbon l., S.W.F. Rohrdorf, Marseilles, Belgrade, Seville, BBC4, Andorra, Oporto, D'landsender Schwerin, R.N.E. Barcelona, Warsaw, Hilversum, Lisbon, Sottens and Ukraine, R.N.E. San Sebastian, Burg, Porto/Miramar, Limoges, EAJ7 Madrid, Andorra, Sofia, Spain, Nancy.

A STUDY OF U.S. RECEPTION OF EUROPEAN STATIONS IN 1969 AND 1970 (Cont).

Table with 2 columns: Khz. and station names. Includes entries like Rome, Murcia, R.I.A.S. Berlin, Paris, A.F.N. Frankfurt, Zaragoza, BBC4, Milan, BBC4, Burg, Madrid, Brussels, France, R. Intercontinental, Spain, N.D.R. Hamburg, R.I.A.S. Berlin, Madrid, Heidelberg & Kishinov, Hilversum, Malaga, Mainz, San Sebastian, Portugal, Estonia, BBC4, Portugal, BBC4, Tirana, EFEL4 Madrid, Bratislava, A.F.N. Munich, Vilnius, Spain, Italy, Kaliningrad, EAJ15 Spain, Spain, Zagreb, BBC4, Strasbourg, Oporto, Horby, Barcelona, Hungary, V.O.A. Munich, Bordeaux, BBC1, Tirana, Falun (?), R.N.E. Madrid, Czechoslovakia, France, DLF, Yugoslavia, Strasbourg, Prague, Lisbon, BBC (European), Isle of Man (?), Poland, Stavanger, Zaragoza, Leipzig, Poland, ECS11 Spain, Albania, Spain, France, Saar, Luxembourg, BBC4, Monaco, Vienna, France, Warsaw, Vatican, DLF, BBC3, Ukraine, BBC Malta, Nice, Switzerland, R. Veronica, Langenberg, Portugal, Lisbon, Isle of Man, Munich.

This compilation of TA receptions reported here in IDX during the past DX season was prepared by Ken Brownless of Medium Wave News for MWN and the NRC -



CAUGHT IN THE JAMMING

Ronald F. Schatz

Early in March I received a call from the General Manager of WQBA, Miami's highly outspoken Cuban-exile station. It seems that WQBA has a problem - jamming - jamming so intense that it eats into the primary coverage area of the station and discourages listening as close to the transmitter site as North Miami. So the GM wants to take action and will instruct the station's lawyers according to the advice I gave them.

But what advice could I possibly give them? I suggested the International Telecommunications Union in Geneva and warned them that any success should be considered a miracle. Why a miracle? Because, from Communist Cuba's viewpoint, QBA (as in "Cuba") would be trying to say, "Stop making that racket so you can hear us insult you". Obviously that would seem cute to Castro, who may think it cute to respond with even more jamming.

To the best of my knowledge, jamming of WQBA in Cuba is limited to the provinces of La Habana and Matanzas, with powerful noisemakers on about 1140 and 1142 kHz respectively. Much of central and eastern Cuba falls in their SE null, permitting CMJK, "Radio Camaguey", to operate on ca. 1139 kHz.

Castro seems to be limiting jamming to actively "counterrevolutionary" stations - such as QBA. After all, it would be a fruitless attempt to try to block all those Caribbean stations that pound the island nightly, though Cuba's own 100 stations, a tremendous number for a socialist country, may be helping the sinister cause somewhat. Miami's other two full-time Spanish-language stations, WFAB (990) and WLTO (1220), are relatively quiet politically, so they are spared a noisy environment. WLTO, a 250-watt daytimer, never even makes it across the Florida Straits!

The VOA relay station in Marathon, of course, is also subject to jamming, but the efforts seem to be token. A small jamming transmitter, likely former station CMK, covers metropolitan Habana and no more. Recently arrived refugees report excellent reception of the VOA outside of Habana.

There are two sides to the question: "Why jam?" Americans consider it the enemy's attempt to keep the truth from the people; the communists call it an attack on the "imperialist" station itself, an attempt to discourage its activities of lying and subverting the socialist movement. The latter viewpoint can explain WQBA's troubles and why the jamming cannot be stopped with an official complaint.

So it looks as if we'll have to put up with Castro's buzzer of contempt for a long time to come, unless WQBA decides to shut up, and that's not likely to come to pass. Well - at least 1160 is clean again!

-30-

Embattled Radio Free Europe Defends Role

By DAVID BINDER
Special to The New York Times

BONN, March 14 — Shortly before midnight last Dec. 15, a 51-year-old native of Poland named Andrzej Przewoski sat languorously in a ground-floor monitoring studio of the Radio Free Europe building in Munich listening simultaneously to two regional broadcasts from Poland.

The strongest transmitter at the northern port of Szczecin was playing music. Suddenly the other transmitter at the port of Gdansk cut in underneath the music with a communiqué. It was 11:32 P.M.

What Mr. Przewoski heard was the first official word from Poland that there had been violent demonstrations in Gdansk and that the Communist authorities had imposed a curfew there and in nearby Gdynia and Sopot.

By spreading the word in powerful broadcasts to Poland during the following days, Radio Free Europe undoubtedly contributed to the spread of anti-Government riots beyond the Gdansk area and to the subsequent change of leadership in Warsaw.

News-Gathering Stressed

But in their almost missionary dedication to the idea of performing as a free press for Communist countries in Europe, the station's officials tend to stress another aspect of their work. They see their Polish reporting as a characteristic instance of how the United States-sponsored station stays on top of and occasionally ahead of the news — not just Eastern European news but the news of the entire world.

Nonetheless, Radio Free Europe has come under criticism recently.

In January, Senator Clifford P. Case, Republican of New Jersey, demanded that the station be subject to Congressional control. He noted that Radio Free Europe was financed by the United States Central Intelligence Agency, despite its "claim to be nongovernmental" and to be "sponsored by private contributions."

Last Wednesday in Warsaw, Andrzej Czechowicz, who had worked for the station in Munich for six years, appeared before more than 100 newsmen to disclose that he had gone to Munich as a member of the Polish Interior Ministry's intelligence service.

Mr. Czechowicz, 33 years old, denounced Radio Free Europe as a "secret-service transmitter" aimed at subverting Communist rule in Poland, and he boasted that he had un-

covered "a whole lot" of Radio Free Europe "agents in People's Poland." He declined to say how many or who they were.

Olympics an Issue

Regarding the timing of Mr. Czechowicz's revelations, Communist sources have remarked that Eastern European Governments are waging a campaign against the station in an effort to dislodge it before the 1972 Olympic Games in Munich.

Yesterday in Lausanne Switzerland, the International Olympic Committee said it would ask Radio Free Europe and its sister station in Munich, Radio Liberty, not to broadcast what it termed propaganda during the Olympics next summer.

Although Radio Free Europe broadcast live from the Mexico City Olympics in 1968 and covers other sports competitions, it is events such as the riots in Poland that are given the station's main attention. And the Munich staff is proud of what it sees as the competitiveness, comprehensiveness and objectivity of its coverage.

A little over 14 years ago Radio Free Europe was confronted with a similar situation during the Hungarian uprising. But its response in 1956 was quite different.

Then, in a critical moment, a commentator broadcast a translation of an English newspaper editorial suggesting that if the Hungarians would hold out a few days against the Soviet Army the United States would come to their rescue with force.

The transmission was more or less in keeping with Radio Free Europe's policy of that day, which was attuned to the position of Secretary of State John Foster Dulles that Communist power in Eastern Europe could be "rolled back" and the Soviet satellites "liberated."

The station was then, as it is now, financed almost entirely by the United States Central Intelligence Agency, with an annual budget said to be more than \$21-million. Its Munich director, Ralph Walter, is a C.I.A. man, as are other officials here.

According to a source long familiar with the operation, American employes brought into the inner circle of the station were sooner or later required to sign a paper making them privy to the C.I.A. connection.

The source described the text as saying: The undersigned has been informed that Radio Free Europe is a project of the C.I.A. and that the C.I.A. provides funds for operation of this organization. The undersigned

has now been officially informed. If he divulges this information to a third party, he becomes liable for a fine and punishment not to exceed \$10,000 and 10 years in prison.

To his knowledge, the source said, the punishment had never been applied.

Sometimes Smacks of Spying

The C.I.A. connection, according to the source, has occasionally carried the station's staff members into activities smacking more of espionage than of ordinary news-gathering. He spoke of assignments by Radio Free Europe to bring regularly accredited newspaper correspondents to enter Eastern European countries on missions for the station. "They were paid by R.F.E. to bring back specific information."

The source said he was also aware of the participation of station employes in escape networks aiding Eastern Europeans in flights from their countries. Finally, the source spoke of continuing contacts between station personnel and residents of several Soviet-bloc countries for information-gathering purposes.

1956 Was a 'Watershed'

The crushing of the Hungarian uprising in 1956 by Soviet armor also led to the crushing of cold-war agitation by Radio Free Europe and, in less dramatic form, at the Munich station aimed at the Soviet Union and then called Radio Liberation.

At Radio Free Europe commentators and policy advisers were dismissed or shifted to innocuous jobs. Radio Liberation changed its name to Radio Liberty and gradually toned down its more aggressive commentators.

"It was a watershed, a great shock for the square-jawed freedom fighters, and it forced a change of staff, outlook and leadership," recalled James F. Brown, a 42-year-old Englishman who directs the station's research and analysis section. "To listen to some of our Hungarian commentators today you would think they were Kadarites" — followers of the party chief, Janos Kadar.

Noel Bernard, the Rumanian commentator who was here in the early period, describes the change this way:

"Before 1956 we were an agitation station, telling people what to do, how to take advantage of certain laws. Now we are an informational station, detached, constructive criticism."

At Radio Liberty, which broadcasts in 17 of the Soviet Union's major languages, the

of note on the BCB

Paul K. Hart

570 WFAA
820 WBAP

The new 3 tower antenna for WFAA-WBAP is up on the west side of North Lake, just northwest of Dallas. Even though the WFAA-WBAP time-share agreement has been terminated, the technical proposal, and land acquisition were made before the arrangement was finally terminated. As a result, the two stations will continue to share the same site, adhering to the original proposal. WFAA will use the 3 towers in line driving them slightly differently for night and day patterns, and WBAP will diplex into the center tower.

Evidently some unique engineering has gone into the new antenna, as the consultant and management of WFAA claim to have a unique top-loading system that will give the new antenna the same efficiency as the old one. They claim that WBAP's new antenna at 490 feet in height will equal the efficiency of the old 643 foot tower at 247 MV/M/KW. They also claim that the horizontal and vertical patterns of the 570 kHz transmitter have been essentially duplicated with 490 foot towers top-loaded. The old towers were all 643 feet tall. The FCC seems to agree, as the proposal was accepted, and the predictions are supported by scale measurements made at 4 MHz.

WFAA and WBAP will be operating from their new location by May or June and will be NSP. The four old 643 foot towers will be dynamited in June as they have practically no salvage value. I hope to learn exactly when this is to be done and be on hand to witness the end of this historic installation.

1110 KFAB-WBT

KFAB has been off the air almost every night since March 1 and will resume NSP operation sometime around the middle of the month when the new array is tuned up. The Chief Engineer informed me that the two west towers were lost in last Fall's storm, the easternmost tower being the sole survivor. The two new towers are guyed, the two downed ones were self-supporting as is the remaining one of the original installation. The feeling is that this last tower will be pulled down in the near future and also replaced. As a result, it is likely that KFAB will be off again in the future, but at this time, no estimate can be made as to exactly when it will be.

21
On my last visit to the FCC, March 5, the files for WBT, KFAB and the KFAB proposal were all "out". I visited most of the day December 5, 1970 with the engineering people at WBT, and hope to gain their co-operation in telling the WBT-KFAB story. This is another one of these disputes that has dragged on for years, and was brought to a head by the loss of KFAB's two towers. The full report will have to await FCC release of the files and further interviews.

1130 WISN-WDGY

I first reported on the problems with these CP's in DXN for August 1, 1970, and if anything, things are even worse now.

WISN has an extension to July 11, 1971 for their CP. The most recent activities indicate that all sources of re-radiation "within the vicinity of the WISN plant have been detuned successfully". However, the power lines 4 miles north of WISN are still re-radiating and upsetting the pattern. The towers are the property of Wisconsin Electric Power Company and are "120 to 160 feet tall with base widths of 25 to 45 feet". Present activity is centered on an attempt to insulate the towers from ground, a technique that was successfully used by KRLA-1110. A variation of KRLA's method is being tried, as that exact method is not applicable in this case.

It seems inconceivable that this CP has been pursued this far. I guess that making this thing work has become a matter of pride, but look at WDGY's situation.

WDGY's present extension is to expire June 1, 1971. The magnitude of this problem is such that a statement on file dated 4/14/70 is quoted below without further comment:

"The following steps were taken in the problem of reducing reradiation from passive structures in connection with proposed power increase at Radio Station WDGY.

1. Six months' negotiation with the City of Bloomington to secure permission to detune water tower owned by the City of Bloomington.
2. City of Bloomington water tower was treated with detuning loops.
3. High-power transmission line was surveyed. Preliminary samples of the radials indicated reradiation from this source.
4. Seventy-two poles of the high-power transmission line were permanently detuned.
5. A complete survey of all possible objects in the maximum signal area was conducted. As a result of this survey, all objects deemed necessary were detuned.

6. Preliminary talk-down was conducted. Results indicate the scattering had been reduced but not to a sufficient degree.

The work has continued on this detuning problem. However, due to winter weather and several other projects of major importance at our other stations, the progress has not been as rapid as we planned.

At the present time we are making preparations to take measurements in a helicopter to try to determine the additional source or sources of reradiation. This is going to be a very complicated and complex undertaking. We hope this method will provide satisfactory information which we have been unable to secure on the ground."

GENERAL INFORMATION - PATTERNS

I have obtained complete vertical and horizontal data for the following patterns:

1. WHN's original 2-tower proposal.
2. WHN's revised 3-tower proposal (now in operation).
3. KING's proposal (the same 3-tower pattern they now use).
4. WDGY's 9-tower proposal.

This information does seem to agree with the conclusions reached in "MW Antenna Patterns, Part 2B" in IXN for November 28, 1970. WISN's proposal does appear to be a "worst case"; all of these others show much more reasonable vertical behavior than WISN (except WDGY's which is just as bad, but no worse). A good question is whether or not WISN and WDGY will ever be granted licenses for these systems.

I have been in contact with a consultant specializing in broadcast band antennas and proposals. I asked him if he believed in the accuracy of the FCC's Chart 6a (Figure 7 on page 14, IXN November 7, 1970). His answer is quoted below:

"The FCC chart 73.190, Figure 6a is a reasonable approach to a difficult problem, which can only be handled statistically. The received signal is varying with time over wide ranges, and not only moment to moment, but month to month. 6a was derived from an extensive series of field intensity measurements made in the late 1930's, wherein the 50 kW clear channel stations were measured continuously for several months during the hours from sunset to sunrise. Everyone agrees that the curves are not absolute, but are the best approximation available - and there is no incentive now to make further detailed tests which would be very costly and would only provide new curves slightly different from these, and which would still be correct only some of the time."

CJMS 1280
RADIO MONTREAL
1700, BERNI ST.
MONTREAL, P. QUE., CANADA

This will verify your reception of Radio Station CJMS

on 1,280 mc/s. at GMT of 13.26 EST on 25/7/70

Power 50,000 watts, Day and Night Antenna: DA 2

REMARKS:

Lucien Seguin
Signed:

Two domestics from the collection
of Eric DiRiccio in Pittsburgh -

"Voice of Dixie"

WVOK

BIRMINGHAM, ALABAMA

690 KHz

50,000 Watts

Feb 5, 1971

To *Eric DiRiccio* of *Ph Pa*

This confirms your reception report of *Jan 22, 1971*

Time *5.45/5.55 PM EST*

Cordially,

George Blarke

whrv

1000

normandy 2-4573

4230 packard road

ann arbor, michigan

September 10, 1963

DOMESTIC DIGEST



EDITOR: 25
r. j. edmunds
BOX 946
Wayne, n. j. 07470

Mr. George Kelley
118 White Street
Waverly 79, Massachusetts

Dear DXer:

First of all, please excuse this type of letter. It's not as personal as I'd like it to be, but time forbids answering each report personally.

We would like to thank you for your reception report. A check of one program log for that period agrees with your report, and we are therefore happy to verify same.

Perhaps you might be interested in a brief description of our equipment:

TRANSMITTER: 1000 watt Western Electric type 443A.

ANTENNA: Three tower directional, the towers running roughly in a north-south line.

SPEECH INPUT EQUIPMENT: Almost exclusively Western.

LOCATION: Approximately halfway between Ann Arbor and Ypsilanti, Michigan.

Thank you again for your report, and best wishes for continued good DXing luck.

73.
Kenneth E. Burkhalter
Kenneth E. Burkhalter - C. E.

KEB/stc

Greetings once again: DX cx have been rather poor, due to rather consistently high AFR readings, thus providing for a general absorption of nearly everything (hi). So, once again, we have a rather small column.

midnight to sunrise

- * 680 KBAT TX Noted on w/nx & RS 0150 3/1, log sez 0100 MM s/off. What is sked now? (Paul K. Hart, Ft. Worth, Tx)
- * 710 KGNC TX S/off 0105 3/1 w/SSB. Reinstate 0100 MM SP as originally listed in log, but removed by subsequent updater (Hart)
- * 740 WKIS FL Hrd o/Cuban w/ light rr & ID 0120 MM 3/15. Now AN?? (Marc DeLorenzo, Hyannis, MA)
- 900 WSWN FL ET-OC-TT w/ c&w mx 0126-0145+ 3/15 w/ strange tones & sound effects (Marc)
- 970 WJMX SC Exc. on DX TEST 3/15, way o/WNSW; used mostly instr. MoR mx 0200-0231 s/off (Marc) Hrd 0201-0214 s9+10db w/ 5kw; murdered @ 0217 by WWSW. Power cut on TEST?? (Ron Musco, Windsor, Ct)
- * 1080 KRLD TX Off again 3/1 0100-??? ; off again 3/8 0200-0500. Tho' they insist this is a temporary thing, the SP's are getting to be kinda regular - will check w/ them again (Hart)
- 1090 WKTE NC DY TEST good thru WBAL OC, w/ TT & c&w mx 0303-0331 3/8 (Marc)
- * 1110 KFAB NB Off SM 3/7, only KRLA, WBT there. (Hart) Off 2/28 0458, back @ 0530 w/ audio feed from FM. Musta been working on new ant. (Hart) Off again 3/5, guess getting DA back in order (Blake Lawrence, Canon City, Co.)
- * 1120 KMOX MO Didn't s/off until 0500 3/1, then back almost immed. w/ ET, back to RS 0548. Hope this doesn't mean 1st MM SP is no more (Hart)
- 1140 KLUC WY No go on 3/15 DX TEST: only Cuban jammer which is actually on abt. 1141. (Marc)
- + 1170 KVOO OK NOT off SM 3/7, whomever sez this a SP is wrong, as they've been noted last few. (Hart) (Marc)
- * 1230 WNOR VA Noted w/ good rr 0331 3/15, s/off 0106 2/15, what is sked?
- 1240 KODY NB Hrd w/ ID on ET, gd sigs 0141 3/7 (BL)
- 1430 WTOW MI ET 0100-0115 w/ long tone, followed by 20 short tones, then another long tone, then ID; then repeated sequence 3/1 (Page Taylor, Butler, N.J.)
- 1440 KMLB LA Hrd 0030 to 0058 s/off 3/1 (Hart)
- KQRS MN Poor to fair w/ prog. rr 0433 3/8 (BL)
- 1490 ~~KODR~~ SD Fair to good on IRCA DX w/tt & ID every 2 1/2 mins., 0225-0240 3/5 (BL)
- x 1456 WTSA VT Hrd w/"Lifeline" pgm, sponsored by HLH - non-hallucinogenic drugs 0555-0600 3/15 (Marc) ** Okay, HLH is Hefner, but how does it all tie in together/// -RjE
- 1500 WDEN GA Testing w/ lkw 0240-55 3/15 o/u WDEE ET (Musco)
- 1520 WARR NC ET way u/WKBW 3/13 0033-0045 (John F. Lombardo, Irvington, NJ)
- 1550 CBE ON Confirmed as my uniD here w/ s/on 0500 3/8 u/KXEL slop (BL)
- WPJD TN ET / piano mx & organ mx 0245-0300 s/off 3/15, exc. fpr 250 watts (Marc)
- + 1560 WTAI FL PSA s/on hrd 0600 3/8, then again much stronger 0645 w/ another s/on w/ full 5kw. Annct. & NARBA list give loc. as Eau Gallie, log sez Melbourne... (Hart) ** Confusion here results from a change of loc. CP supposedly granted them... RjE (Change back)

1560 WKOG GA PSA s/on hrd almost simultaneously w/ WTAI 0600 3/8 (Hart)
 WOFW OH ID wk u/KEGG OG 0430 3/8 (Hart)
 KEGG TX ET w/ mostly OC, some mx from bl 0400 to ard 0500 3/8 (Hart)
 1590 KLIV CA Good u/KUDU w/ ads 0608 3/8 (BL)

sunset & evening

540 CBT NF Hrd 1910 3/7 w/sx w/CBEF nulled (PT)
 570 unID Poor w/ SSB s/off 2001 3/10, about only close possibility would be KGRY, and KGRY was hrd o/this unID, not many day-timers on 570, any ideas?? (BL) ** KCMO??-RJE
 610 KCSR NB Gd 1929 3/10 w/ID u/KGGM (BL)
 660 KOWH NB First time logged on new call 1943 3/10 (BL)
 690 WELD WV Tractor ad, ID, 3/3 1755 (PT)
 730 WLIL TN Ending TN nx 1805, potent sigs 3/7 w/CKAC nulled.
 740 KBAD IM Fair u/KSSS & KRIG w/rr & ads 1943 3/8 (BL)
 790 KFYC TX Vy good w/nx 1928 3/5 (BL)
 860 WFMO MC In null of CJRC 3/7 1800 s/off (PT)
 870 KJIM TX Hrd o/u WML w/ s/off SSB 1929 3/4 (BL)
 900 WJWL DE In alone 1812-15 s/off 3/13 (JPL)
 940 WMAZ GA Hrd w/promo 3/3 1835 (PT)
 1010 WCNL NH Hrd 3/3 s/off way u/WINS 1800 (PT) (PT)
 1090 WIID MI Hrd 3/7 1725 w/ ad followed by local BKB scores. Atop channel.
 1120 KCLE TX Fair o/wk KMOX w/ mail add., ID, then off very abruptly 1931 3/8. (BL)
 1130 WASP PA In o/u WEEB, WCAR u/WNEW 1750 3/5 (PT) w/ sx.
 PA In o/u WASP, WCAR u/WNEW 1750 3/5 (PT) w/rr.
 1140 WSIV IL Hrd 3/3 w/ c&w 1855 v. loud & alone. (PT)
 1260 WBUD NJ Finally hrd on 3/13 @ 1800 (JPL)
 1410 CFMB QU Completeing Montreal w/ wierd lang., ID 1820 3/3 followed by h short, 1 long pips. (PT)

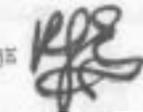
changes

* 1240 KFLY OR To stay on w/ temporary interim owners until a compromise can be reached.
 + 1450 KAWT AZ CP: 1000/250 U1
 1520 KAMX NM CP is on, format is SS. Hrd w/ ID by YL 0933 3/5 (BL)
 + 1560 KPMG CA SCH: 0845-0400 (Wes Boyd, Youngstown, Ohio)
 1570 WTCL OH Trying for airdate of 3/15 or 3/20 (Boyd)
 * 1070 KNX CA Is this really U5 as per log... Thought was U1. (BL) **Not really sure, but I think this is right. PKH??? -RJE

M/C's

1st MM: WCMS-1050; WGHN-1370; WEVA-860; KDLM-1340; KNOX-1310; KBTA-1340;
 1st FM: KDIX-1230; 1st Su: WMAZ-970; WDMN-1490; KGOR-1240; KCII-1380;
 2nd Sa; WCCR-1580; 3rd MM: WBTS-1480; WTHB-1550; 4th MM: WCMS-1050; WCBG-1590;
 WNAK-730; WDXY-1240; WTON-1240.
 NEW CHECK: 4th MM 0530-0545: WMLW-NJ-1170 w/ 1kHz TT (JPL*)

Thassit for this week. Updater section appears in 3 weeks.

73, RJE 

In answer to some recent questions and confusion regarding updaters, etc., please bear in mind the following notes:

- 1) Information set forth in updaters is only as accurate as the info members send in for it, and errors sometimes occur.
- 2) Due to the large amount of material, the updaters will occasionally contain typos, transpositions, and other errors, despite correct info being received here. Likewise, omissions and duplications may occur.
- 3) Whenever an item appears, it is meant to either correct or supersede ANY AND ALL previously-appearing items for the same station.
- 4) Currently, and henceforth, errors in calls, states, etc. will not be re-run for clarification purposes, unless the item in which the error occurred is in and of itself, a change item.

Dan Myers has sent in a list of points of question, and, barring those types of items dealt with above, we'll try to clarify them for you. Our thanks to Dan for bringing them to our attention. All from UD #2 part 2 and Vol. 3, #1....

800	KREI-MO	p302	1470	CFRW-MB	SCH: NSP
	KQAD-MN	CP: Luverne, 56156, D3, 500	1490	KEDI-GO	ex-KCMS
810	WBLW-GA	Royston, 30662, D1 250, on the air. (not WKUN)	1510	KVAC-TX	CP for 1000/250 is on.
900	WJWL-DE	p250	1520	KVAC-WA	CP for 1000/250 is on.
x 1260	KVSF-NM	clar. call.		CBEL-ON	not CBEC, sri.
1010	WKQT-LA	Garyville, 70051; D1, 500, Drawer B, is on.		KZIA-NM	DELETE. Is on 1580.
1340	WWFL-FL	ex-WSLC, clar freq. CP: 1000/250 U1		KAMX-NM	Albuquerque, 85701 is here., D1 500.
1350	WYLS-AL	York, 36925; D1 5000, CP not yet on.	1540	WRAI-PR	San Juan ZIP is 00907
	WEGA-PR	Vega Baja, 00763; D3 500, CP not yet on.		WKCB-KY	Hindman, 41872, D1, 1000, CH 500. Is on.
1360	WKLX-VA	SCH: SP SUN. AM	1570	WIFF-IN	CURRENT PWR: 500, DL, as CP is on.
	WCHQ-PR	Camuy, 00627; D3 1000 - is on.		WTOW-MD	p373
	KRRR-NM	CP: 5000 D1, po: 1340.	1580	CKLM-PQ	IN address, word "Quest" should read "Quest"
1400	KRSC-WA	CP: U1		WKUN-GA	Monroe, 30655, D1, 1000. Is on.
	WJHO-AL	SCH: NSP	1590	WEEZ-PA	Clar call., delete sch.
	WFTL-FL	CP: U1 (po: SHL)		KIKM-TX	I believe this is correct, not KIKM.
	CKCB-ON	Listing of CP as on was in error. CP is deleted - per stn.	1600	KXEW-AZ	CP: D1
1420	KLUF-TX	ex-KTRE		WINX-MD	SCH: 2h hrs, SP MM 0200-0600 is correct.
1450	WNPS-LA	CP: 1000/250 U1			Hopefully, now that we're pretty much caught up on back updaters, we'll have a lot fewer of these types of errors, partly becuz I'll be able to double-check things by printing them.
	WTHU-MD	CP: 500/100 U1			
	KOBE-NM	CP: 1000/250 U1, pwr. of current ops. as listed in LOG is wrong. Is really 250/250 until this CP gets on air.			
1460	WHEC-NY	p500			
	WCID-PR	Juncos, 00666; D3 500 CP not yet on.			

DX NEUTER

Official publication of the
NATIONAL RADIO ZEPPELIN

P. O. BOX 99

Crusty Beach, Alberta

SAMPLE COPY

VOLUME 1

April 1, 1971

NUMBER 1

"If it comes down to a choice
between or reading
DX NEUTER, I'll spring for the
NRZ's great mag! (Art Conforti, Alaska)

IN THIS ISSUE

Nothing of any importance - J. Bennington Farnsworth
Sex and the single DX'er - Helen Girlie Harmonic
World's ugliest radio personality - Cousin Billie

NEW MEMBERS THIS WEEK

Martin Borman, 17 Avenue of the Americas, Mendoza, Argentina
Sam Caucasian, 37 Maltese Way, Falcon, West Virginia
Randy Kane, 499 Huntington Ave., Boston, Mass. 02116

OLD MEMBERS THIS WEEK

Jerry Starr, WEEP Radio, Pittsburgh, West Pa.
Nats Code, Northeast Chicano Worker's Union, Boxford, Mass.

OUT THEY GO!!!

As most of you know, our membership cannot exceed 20 at any one time. So, as in the past, we've put all the members names down on little strips of paper and placed them in a goldfish bowl. We are pleased to announce that the member's who get thrown out with this issue are: PAUL BARKER (PVB) and LAWRENCE STEPHEN DINSMORE (LSD). Nothin' personal fella's, but GET OUT!!!

**MEMBERSHIP EXPIRES
WITH ONE MORE ISSUE**

NGP & KGB & RAC

Muzzling of the Arteries

EDITOR: Everett R. Questionmark - 21-2 Garden Lane - Mt. Vernon.

PAM E. - 6506 Sarnia St - Sideriver, Baja Cal., MEXICO
Lets ~~set~~ the record straight, station WEGN-1060
KHz in Waltham has not ceased operation! Despite what some two-bit Mid-Western club said about this station closing down (Undoubtedly the info was supplied by some three-bit WC club) WEGN continues to flourish in the boondocks of Smackachusex! Now about my ten subscriptions to DX NEUTER, these are for convenience sake only, and not for my hawking them at obscene prices to subversive elements! I know its a long way off but I want to go on record to say that if the NRZ holds next years con-fab in Florida, we should have ours in Fairbanks, Alaska. However, if NRZ opts for Boston next year, THEN DEAR FRIENDS, we can have ours in San Diego. How do I get in touch with Paul Barker? (Write the Staten Island Home for Retarded DX'ers, Pam - ERQ)

STANLEY CRAMER - 812 Boxford St. - Cambridge, Massachusetts
First, I'm going to present some evidence and
THEN make my point, hi. There is a Canadian station operating on approximately 1462 kc. (Who cares Stan? - ERQ) I am almost certain that this station is CFSX Senneteuff! (Again, who cares? - ERQ) (Sorry Stan, next 12 lines of dribble were censored - ERQ)
By the way, the male service between Sideriver and Cambridge is just plain terrible! (But the mag is published in Crusty Beach, Alberta, Stan! - ERQ)

GEORGE LEROY TYREBITER - Camden 400 R - Rococo, Pa. 19019
They never come up to the hills! (?? -ERQ)
DX has been as follows: Good, bad, ~~better~~, worse, improving, fair and hopeful. They never come up to the hills! (???? - ERQ)

JACOB MARLEY - 499 Huntington Fault - Agadir, Morocco 65804
As most of you already know, I've been doing a lot of Graveyard DX'ing lately, like for the past 100 years, high! I just finished my 3000 mile beverage antenna (putting it up that is), and I have a big problem (I know - ERQ). I don't know how to describe it in tech terms, but in Street People's language, ITS OVERLOADING! Also, during the day, I have 2,779 locals. No sweat, I intend to build a loop that will perform just as well. Local DX'ers Ahmand Tessler and Lamar Trask were over the other day, come again amigo's. 73. (What sort of signal do you get from WERA-1590, Jacob? - ERQ)

H. Chopper DeBait - Box 7026 - Jimi, East Ohio - 44505
Well, I'm back. (Who cares? - ERQ) I've been tripping all winter and just recently returned to wonderful East Ohio. Some of the countries I visited were: Tchad, Cameroon, Rhodesia, and Finland. When I emptied my box on the first day back I found a notice from the "National Enquirer" stating that I had been accepted on the editorial staff. What an honor! Latest Veries: Ft. Lamy - 1251, Yaounde - 1286, Bulawayo - 1340, and Helsinki II - 1412. Good DX; and how do I get in touch with Paul Barker?

DON'T FORGET THE NRZ CON-FAB, SEPT. 30, 31, 32 and 33rd. COME!

April 1, 1971

DX NEUTER ANNIVERSARY SPECIAL

Now that the NRZ has grown in size to over 20 members, it has occurred to us at HQ that probably over 100% of you know little or nothing about the history of the ... club? For this reason, and for that reason, and because we have to fill space, we felt it would be stupid to give you a short account of our history in this, our anniversary issue. Anyway, here tis:

ONE MORE MUZZLING

PAT RIOT - 69 Allegiance Ct. - Toronto, Ontario, CANADA
Greetings, fellow extremists, from CPELRED! It sure has been a long time since I've submitted some of my patriotic vomit! But absence makes the heart grow fonder! Now some people are asking why I left La Jolla when they issued me a 1 - A classification. I'm glad you asked me that. Now some DX: XELO-800 broke right through CKLW and another foolish Canuck at 9 pm on Jan. 31. I didn't hear my favorite personality: Rev. C. Springer, but had to settle for Cousin Billie. That's OK, she's just as ugly. They verified for me, but asked why my tape was postmarked "HO JO'S EAST - AMARILLO". Well, its off to Sweden, Bad DX. (Your muzzling was postmarked "HYANNIS, MASS." Pat, whats up?-ERQ)

THE LAND BRIDGE - NOT A JOKE

April fool! Everything you've read in "DX NEUTER" is, of course, humor. We hope we've provided you with a good laugh or three. But we must fill this small space with some serious information. The Land Bridge! A path through the Atlantic to the Bahamas has been discovered, the clear, dry land opening occurs only once every 7 years. Think of it, you can actually walk to the Bahamas! For any and all info write: MR. GEOFF FOX, BAHAMAS LAND BRIDGE, WMUM-FM, PALM BEACH, FLORIDA 33480. Write today!

"No time for pity, for the tree or me". - BDI

(APRIL) POOL'S DAYDEFINITIONS

BEVERAGE WAVE.	One beer after another.
FREQUENCY CHECK.	Monthly Welfare payment.
LOOP ANTENNA.	Wire dipped in alcohol.
RADIO CLUB.	Something used to attack DJs.
LATIN LOG.	The Pines of Rome.
PILOT LIGHT.	So the Ferry Captain can see.
'B' RIDGEMASTER	Much like a fly swatter.
SLOPOVER.	Careless pouring of beer.
TAPE RECORDER.	Inventory clerk at Johnson and Johnson.
MIDDLE-of-ROAD MUSIC.	For left lane drivers.
AURORA.	An angry lion.
SLOT FREQUENCY CONTROL.	Kilocycles for Las Vegas stations.
R.F. GAIN.	Just the opposite of R.F. loss.
CRYSTAL CONTROL.	Watchman at a glass factory.
RADIO RECEIVERS.	When the finance company takes your set back.
GRAVEYARD CHANNEL.	Burial at sea - but too close to shore.
LATIN AMERICAN SPLIT.	A 7 - 10 pin leave in Santo Domingo.
DIAL TRUSTING.	Washing your back with a well-known soap.
SPECIAL TEST.	When some nut gets up at 2:00 a.m. and goes "Whhheeee".
SKY WAVE.	A pilot greeting a passing plane's pilot.
FIELD INTENSITY.	Willie Mays making one of his great catches.
COVERAGE MAP.	Hard to describe - looks like drawings in a men's room.
REGULAR SCHEDULE.	Every morning, right after breakfast.
DAYTIME STATION.	It's on a line that doesn't run at night.
CHIEF ENGINEER.	One who operates a train in an Indian Reservation.
PROOF OF PERFORMANCE.	A video tape.
ROCK GROUP.	Georgia Chain Gang at work.
D.X. GUP-TOGETHER	Beverage Waves - see above.
GREAT CATCH.	36-26-36.
D.X. FOXES.	Boy's Life. HAPPY APRIL POOL'S DAY! ERNIE COOPER.