



# DX News

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100  
Number 14

## Pardon Our Appearance...

During the next few issues of DX News the editors and publishers will continue to experiment with various techniques for the production of the original copy for our new offset process. The large variations in darkness of type in last week's issue were due to an unexpected accident in preparation and should be under control in an issue or two. In preparation for future issues a new DX News masthead is being drawn as well as new section heads. Please bear with us while we iron the bugs out of our new publication system. One thing that we're particularly interested in is whether or not we'll be able to run the first page of actual text on this outside sheet that you're reading right now; it all depends on how well this exposed outside page stands up to Post Office treatment on its way to you. If this page has come through to you marred or otherwise battered, please drop us a card to that effect. Tnx.

## NRC STATIONERY AVAILABLE NOW !!

NRC member stationery is ~~now~~ again available. Commercially printed on good quality letter bond, these letterheads are available right now from HQ for only \$1.50 per 100 sheets postpaid. We have also arranged with our printer for customized NRC letterheads imprinted with your name, ham or PE call, and address for only \$12.00 per 500 sheets (minimum order). If you're interested, order from HQ today! Also available in the near future will be a new NRC report form designed by Jerry Starr; details will appear soon in DX News.

## Do Something

Now you can do something for the NRC and DX hobby without even leaving home. The NRC's Courtesy Program Committee needs workers and all it'll take is a postcard to get full information about CPC work. Jerry Starr has written a very helpful guide to CPC work which includes detailed instructions on how to contact stations, what to say, and how to say it. If you've got a typewriter and think you might want to get started in CPC work, just drop a note to Jerry c/o Radio WHOF, Youngstown, Ohio. Special CPC stationery for the use of CPC members has just been printed and will be made available to committeemen through the CPC Chairman.

The B. E. P. C. is happy to announce that it's lost its "E" - the Boston Area members are now prepared to continue publication of DX News indefinitely. The page and section limits that we were forced to adopt last fall have now been lifted and you can look for an increase in the size of DX News as material that we'd been forced to hold back is freed up.

Admiral Nelson for B. E. P. C.

# Musings of the Members

Ernest R. Cooper  
438 East 21st Brooklyn, N.Y. 11226



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Our Thirty-Sixth Season!

January 18, 1969

## SPECIALS

		kc/s		Watts	A.M.-E.S.T.	
Sun. Jan. 26	C J V I	900	Victoria, British Columbia	10,000	3:05 - 4:00	IRCA
Mon. Jan. 27	K L M E	1490	Laramie, Wyoming	500	3:00 - 3:15	IRCA
27	K S L M	1390	Salem, Oregon	5,000	3:30 - 4:00	NNRC
Sat. Feb. 1	W S S A	1570	Atlanta, Georgia	1,000	12:01 - 4:00	NRC/PoP
Mon. Feb. 3	C F S L	1190	Weyburn, Saskatchewan	1,000	1:01 - 2:00	NNRC
3	W A V O	1420	Avondale Estates, Georgia	1,000	1:00 - 1:30	NRC
3	W W G P	1050	Sanford, North Carolina	1,000	3:00 - 3:30	NRC
Sun. Feb. 9	W L A W	1360	Lawrenceville, Georgia	1,000	1:00 - 4:00	NRC/PoP
Thu. Feb. 13	K O F O	1220	Ottawa, Kansas	250	1:30 - 4:00	NRC/PoP

CJVI-900, will be DXing for the IRCA, AIM from CHML in the East. Reports go to Mr. Ron Robinson, CJVI, Box 940, Victoria, B.C., Canada. Test will be with music & frequent IDs, and possibly some cycle tones too. Fred Jordt, IRCA

KIME-1490 will be on with a TEST for IRCA for 15 minutes this coming Monday morning. We believe it'll consist of tones, code IDs, and voice IDs. Do NOT send any reports to KIME, but instead to Robert Rule - Box 1054 - Laramie, Wyoming - 82070. They will use their 500 watt daytime transmitter during this test, which is probably a frequency check. Info from Bill Nittler.

KSIM-1390, Salem, Oregon will be on with a DX TEST for a half hour, 12:30-1:00 a.m., P.S.T. Reports go to the Chief Engineer, Box 631, Salem Oregon, 97308. We assume the program will be musical. Info from NNRC's John Tweedie.

We have a note here from Chuck Hutton, NRCer in Atlanta, that WGST-920, Atlanta, was on for at least three hours, starting at 1:00 a.m., on both SM 1/12, & SM 1/19. This info was received too late for inclusion in time here in DX NEWS. (Chuck also tells us WLAW-1360 had tests on 1/10 from 1:00 to 3:00, and on SM 1/12 from 2:00 to 5:00, but they'll be testing again as you saw above, on 2/9, 1:00-4:00 a.m.)

The following info was on the stencil intended to be Page 1 of the December 31 issue but it did not arrive in time in the Christmas mail rush, so we re-print it here:

### CHANGES IN STATION DATA - E.C.G.

#### NEW STATIONS

810 Crozet, Virginia 250 D-1 1060 Springfield, Missouri 500 D-1

#### CALL CHANGES

740 K B A D Carlsbad, N.M. from KPTM 1320 W H H O Hornell, N.Y. from WWHG  
970 W S T X Christiansted, V.I. from WIVL 1430 K K A T Roswell, N.M. from KGFL  
1080 W K G X Lenoir, N. C. (new call) 1570 W S S A College Park Ga. fr WBAD

#### FACILITIES

1170 K C B Q San Diego, California, 50,000/5,000 U-4. Changes in day pattern  
1230 K B R R Leadville, Colorado, to 1,000/250 U-1 from 250 U-1.  
1290 K C U B Tucson, Arizona, 1,000 U-1. Move XR N.W.  
1490 K O T N Pine Bluff, Arkansas, 1,000/250 U-1. Move XR S.E.  
1520 K A C Y Port Hueneme, California, to 50,000/1,000 U-4, from 10,000/1,000  
no change in nighttime operation.

ONE MORE CALL CHANGE: 930 K B F W Bellingham/Ferndale, Washington, from KIMY  
And now, dear NRCers, read on, through the PACE-SETTER, the NEW DX NEWS!

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## MUSINGS

EDITOR: ERNEST R. COOPER - 438 EAST 21 STREET - BROOKLYN, NEW YORK - 11226

Don Egbert - 1925 East Bowman Street - South Bend, Indiana - 46613

1/3. Greetings. DX has ranged from good to almost non-existent, but still a lot of new stations logged. 12/25- WHJC-1360 @ 5:01 s/off & WCSJ-1550 @ 5:28 s/off. 12/26- WITC-1370 @ 4:58pm. 12/29- SM- WNOO-1260 @ 1:18 TT, PTG2-1040 @ 2:27 for country #20. Later, new WIFF-1570, Auburn, Ind. @ 5:09pm. WIFF takes the spot vacated when WAWK moved to 1140. I never did hear WAWK-1570. WCLE-1570 @ 5:22pm, WINI-1420 @ 5:43 s/off. MM 12/30- WINZ-940 @ 3:30, KHOS-940 @ 3:31, WTOO-1390 @ 6:30 on PSA, WUFF-710 @ 6:39 on PSA w/good sounding rr (if there is such a thing, hi), WONS-1050 @ 7:16 s/on c/w, WNAR-1110 @ 7:17 s/on. Is power 50kw? (I don't think they have it on yet -ERC) WGHC-1570 s/on @ 7:30 SSB w/announcement "Good morning ladies & gentlemen & boys & girls." & WPAQ-740 @ 7:38 w/funeral announcements. (They should be on a graveyard channel, hi -ERC) 12/31- WSEP-1580 @ 5:54 s/off, & KTRY-730 @ 6 s/off. 1/1- WEAG-1470 3:45-4 f/c-DT, TGW-640 @ 4:06 w/Castro-640-690 off. This is the first time I've heard them off in six years of DXing. WKYZ-1250 @ 6 s/on PSA, WLXI-1280 @ 6:01 s/on PSA, WNGO-1320 @ 7:04 on PSA, WNTN-1550 @ 7:16 s/on but not enough for a report, WCPH-1220 @ 8:02, WPCO-1590 @ 7:31 on PSA, & WIL0-1570 @ 8:07, a much-wanted station. Later in the day WBFJ-1540 @ 5:41pm, WKKR-1540 @ 5:43 s/off, & KTRN-1290 @ 6:25. RX is an SX-28A w/two foot loop. Total logged now up to 1,259, states 47/45, total veries @ 191. Speaking of veries, my percentage is really poor this past year, somewhere around 51%. Has anyone gotten a verie from KWRC TEST? I sent a tentative, but am almost sure it was they using TTs & varying the pitch. Good DX.

George B. Sherman - 104 Pinewood Circle - Rosemont, Minnesota - 55068

Greetings from Minnesota, the DXer's paradise. I decided to join the Domestic Contest & now have 0/250 points, thanks to my great eight transistor portable. Recent DX: 12/14- WVNA-1590 Ala. after KVGB s/off @ 1. 12/15- KWKK-1130 Ia. w/WDGY @ 5:45 pm, actually ruinint clear & steady reception of WDGY @ eight miles! but their 50kw night power coming early this year should fix that. They are directional N, so maybe they can be heard by a few more Eskimos in NST, if they have radios, hi. KIPR-1140 Okla. @ 5:53 w/c/w for another surprise, I thought the combo of WYVA/WDGY was too much for them. 12/19- I got up for school, but there wasn't any due to WX, so I stayed up & DXed. It paid off, too, w/WYLD-940 Ia. & KVSA-1220 Ark. That evening KGBX-1260 Mo. was heard, usually covered by KWHK/WIBV/WFBM. 12/23 was my first time for DXing MM since August. WPTF-680 NC heard w/Hi u/KNBR Cal. @ 2:30, both unnn; KIMN-950 Colo. @ 3; KGBS-1020 Cal. w/rr; WNEW-1130 NY weak @ 3:30. WACE-730 Mass. didn't make it here w/their lk; KOKE-1370 Tex. not heard, thanks to WSPD; WPKO-1530 Mo. not heard, WCKY ON still there. 12/30- Weak unID said something like Season's Greetings to NY State from Fla. so I am counting as WQAM; WKRC-550 O. for proof if its existence @ 2:05; KROD-600 Tex. barely heard @ 1:55, thanks to my 20/15 hearing, hi. KOGO-600 Cal. @ 2:20 tune-in till 2:30 s/off for Cal. #9; WNEW-1130 better than last week; KLIN-1400 Neb. @ 2:30; KRKO-1380 Wash/ w/rr @ 2:38 w/WSPD/WNUS interference; CKXL-1140 Alta. w/almost non-existent signal here @ 3:12 w/rr; WIMN-1240 Ky. w/c/w u/o unID rr @ 3:45; KFOR-1240 Neb. @ 6:20pm for Neb. #22 & 1240 #13. Nine new ones in one day, best I've done in a long time & a great way to end the year. Total stations heard now somewhere between 550-600. I'll count them some day. 73.

Andrew E. Bica - 16 Lake Breeze Avenue - Pointe Claire, Quebec

YVNA-660 is the only new verie. I did receive a nice Season's Greeting card from YNKW-885, but still no verie. As for DX, on 12/23 the TEST from WPKO-1530 was well received despite a smattering of WCKY ET. Then on 1/1 I snagged the new CJRC-1150 from 4:16-4:28 as they overrode a surprisingly weak CKTR. I also sent a report to semi-local WIRY w/hopes of getting a v/1 to replace the 1960 PP/c. Still no verie from WLIX-540. Totals here are 1,436/1,358. Happy '69!

Bruce Reynolds - Route 2 - Warrensburg, Missouri - 64093

Hi. DX: 12/26- WFLN-900 s/on @ 7:15am, WOKV-900 @ 7:45am s/on; WMAC-060 w/c/w @ 7:52am & KTRH-990 @ 5:59pm s/off SSB. 12/27- WLSB-1220 @ 7:30am s/on w/Dixie & WPLK-1220 @ 7:45am s/on. 12/28- KIML-1270 mysteriously atop the channel 6:16-6:45pm w/Wyoming U. BKB. MM 12/30- No go on WLIP-1050 or sked RLA TEST from WONS-1410. (p.3)

(Bruce Reynolds) I did finally get a report on KRAK (2:15-2:30am s/off SSB) & IDed & reported KFAK-1100 who s/off @ 4:29am. Noth quite weak. I had an unk Colombian on 1420 around 2am; Caracol Net & great signal but no ID. WBHP-1230 was really bombing in w/AN c/w, alongside always strong WINN. It seems those two stations & WVON use 5kw. the way they come in here! 1/1- The Cubans celebrated their second straight annual silent period & it was refreshing to hear KFT L&C. 630 was clearer than normal w/Castro gone & WSAV was logged 5:48-6am when WNEG s/on. Also, I got reports on WPIX & WAPE-690. Veries: v/1- WFWR & v/q KUOM. WFWR's pattern features nulles NE & SE. Address (not in NRC Log) is 424 Reed Rd., Ft. Wayne Ind. 46805. I was very happy to hear that offset printing for DX NEWS is financially feasible. If it works the publishing job will be managable again & the NRC will be the pacesetter among the NA radio clubs. 73s.

A/C Doug Johnson - 583 - Box 6, 222 - Travis AFB, California - 94535  
Time for another Muse from foggy California. A little spare time has proved invaluable here as far as DX is concerned. The latest: 12/15- KXLY-920 in at good level w/spot for Seattle KKB @ 3:10am. 4:25am brought KJHL-790 topping KABC w/Dolly Holiday holding forth in great fashion. 12/16- CHUB-1570 doing OK w/NX @ 3:05-3:15am. KJR-950 noted AN w/MoR. 12/17- First bit of SSS DX brought KCPX-1320 @ 9:05pm w/rr, semi-local KQMS-1380 @ 9:45pm w/"Flight 1380" MoR style, KMO-1360 @ 9:55 w/NX, KXLF-1370 topping KEEN w/rr @ 11pm, KSRO-1350 MoR @ 1:33am on 12/18 AM followed by KMED-1440 @ 2:15am w/MoR format called Nocturne. 12/19- KPOJ-1330 w/Portland Buckaroos hockey @ 12:30am & KBBR-1340 w/brief NX @ 12:33. Semi-local KMVC-1410 @ 12:45 with Christmas carols, XEIO-800 w/religion @ 1am. 12/21- WCCO-830 in weakly @ 4:30 w/their usual MoR. Later that evening, KUGN-590 @ 9pm w/ religion program. 12/23- KOH-630 for first Nevada @ 2:30am w/NBC Monitor. 12/24- KARM-1430 w/NX @ 8pm. 12/25- Christmas morn. WBEM-780 weakly w/Apollo-8 coverage @ 1am. KOFT-1180 w/2am s/off. WWL-870 w/sports @ 4:50, KIT-1280 @ 6:15am w/sports & MoR format. At SSS KRKD-1150 topping KAYO w/Mutual NX @ 8pm. 12/26- KFMB-760 w/ET/TT @ 4:55 till 5:01 s/off. At SSS KRLA-1110 u/KPOP @ 7:30pm. 12/27- KTWQ-1030 w/MoR & NBC NX @ 12:30am & beyond. KWSC-1250 2:15am s/off followed by KITW's s/on. CHQT-1110 w/NX @ 7:30am & CJOC-1220 w/c/w @ 8:10am, KASH-1500 rr @ 8:20am. 1/1- The New Year brought two semi-locals KSCO-1080 w/MoR @ 1:20pm & KOPY-1050 in SS @ 2pm w/EE ID. Two veries in, v/q KNX, & a friendly lengthy v/1 from KSEM on their FT. One correction on last Muse - I reported KPIR-1120 - t's KPNW. Parents are sending HA-230 so better DX should be forth-coming. Total heard now 122. I hope to continue regular Musings & make the St. Louis scene in September for a reunion w/that motly throng from RH-SOP (ugh). Meantime, 73s from military version of the King of Procrastenation.

Lon J. Berman - 1511 Dignan Lane - East Meadow, New York - 11554  
Greetings, y'all. I've finally gotten back into the DX groove after a couple of months of relative inactivity. Christmas vacation from college has given me some spare time to DX. MM 12/23- WPNO TEST not heard at all, only weak SS there. Bruce Reynolds out in Mo. got them, though. KIRL-1460 Mo. heard AN-rr w/what they called "commercial EP." WABJ-1490 Mich. AN w/MoR mx, good signal @ 3:05am. Urm WDVA-1250 Va.. ID on ET/TT @ 3:56. WACE-730 Mass. weak @ 4:36 w/ID on TEST, unnn. Urm WPNX-1460 Ala. o/KIRL @ 4:47, apparently s/on 4:45. UnID c/w on 1300 w/ad for Williams Chevrolet @ 5:16. WJBK-1500 Mich. ID @ 5am, then into MoR mx, but covered by KSTP TT. PM, WKDE-1000 Va. 4:30pm w/NX o/WKYB SC. 12/24- WPVA-1290 Va. 4:43-5pm s/off-SSB. 12/25- WWJ-950 Mich. AN-MoR, on top after WPEN s/off @ 2:15; KNOE-540 La. 5:45pm, strong until 6pm pattern change, some interference from SS station, KEWA, I reckon. 12/26- WMTN-1300 Tenn. c/w @ 4:45pm. 12/29- KRMG-740 Okla. & WKIS-740 Fla. fighting it out after CBL s/off until both s/off @ 2, leaving 740 clear. WOHO-1470 2:14am AN-rr; WIRE-1430 Ind. 2:45am, AN c/w. MM 12/30- WLAQ-1410 Ga. c/w @ 12:22am; WVEC-1490 Va. s/off 1am; WBN-1050 NY s/off 1:02, opening channel somewhat for WLIP TEST, not heard anyway. hi. Many West Indian stations on late w/West Indies vs. Australia cricket match. WIBS-535, Trinidad-730, plus Jamaicans on 550-700-750-770, all on until about 3am. KNX-1070 w/NX @ 2:10; unID-1460 w/conversation & discussion show @ 2:30; KKH-1550 Cal. s/off 3am after NX; WIRK-1290 u/WIRL AN, on top briefly @ 2:05am. WLOF-950 Fla. AN-rr. Veries include v/q from KFJZ-1270 & WFLI-1070, v/f from KIRL-1460, v/1 from WKDE-1000, WWJ-950, KNOE-540. Oops, I left out one catch from MM 12/30, WCOV-1200 Wis. ET/TT w/IDs @ 1:21 & 1:25am. Happy New Year to all. KNOW WHAT THEY'RE SAYING ABOUT THE NRC? THINGS LOOK FINE IN '69!

Chris Lucas - 89 Bound Hill Road - Fairfield, Connecticut - 06430  
DX: 12/29- WGOR-910 Sturgeon Bay, Wis. @ 5:15pm SSS on top. MM 12/30- Radio Jamaica-770 @ 12:59am, finally KNX-1070 o/WPLI @ 1:42 w/BKB, CMJL-740 Cuba @ 2:58am, XERB-1090 Tijuana @ 4:01 w/"Oldies but Goodies", an awful lot of QRM on this one, & CMJY-860 Cuba is nicely @ 4:30am. 1/2- WBTN-1370 Bennington, Vt. @ 4:44pm o/u WALK/WFEA; I've tried for this one many a time before. WSJC-810 Magee, Miss. u/WGY @ 6pm. 1/3- WTCR-1420 Ashland, Ky. @ 5:29pm s/off u/WBSM & others. CHOV-1350 CBC @ 10:15pm, QRM from WORK & others. 1/4- WSHN-1550 Fremont, Mich. ET/mx 1:14-1:15, f/c-TT 1:15-1:20 tune-out. Three IDs were given during these six minutes. Log stands now at 1,210 heard in Fairfield. I logged 49 new ones during 1968 compared w/45 during 1967, 45 in 1966, & 252 in 1965. No sign yet of WWLE-1170. Veries: v/q KNX back in five days, v/1 WFMJ, v/1 WKDR in 4 1/2 months. For those interested, my RX is a Lafayette HE-30 & I use three antennas. Primarily I use the NRC 4' loop. Also, I have half of an 80 meter dipole, which is in effect a 66' longwire. My third (my secret weapon) is a directional longwire, totalling about 230' long, & strung generally in the shape of a diamond. It's directional favoring E & N, nulling SW & S. With this directional longwire, I can get WHYN in the clear during the day, while w/a non-DA I get WFLI way o/WHYN. At night I get WLBZ/WVMT o/WVWJ, while normally WVWJ is very dominant. Also, w/DA I get WPOP clear daytime, while w/non-DA it's a WPOP/WHTG mess. I go back to college on 1/7, & takr friends during the last week in January. Then there's a week off for DXing at the beginning of February. 73.

Frank Waldron Jr. - 65 Lakeside Drive - Matavan, New Jersey - 07747  
Veries: v/q- KXOK-630 WHEB-750 WSAZ-930 WYDE-850. v/1- WKDR-1070 for report of 8/27. v/r- WGUW-1010. DX: 12/27- WKQW-1300 ET/mx/TT @ 3:35 o/WERE/WRKT, they were unheard on TEST due to WFBR/WAVZ QRM. 12/28- CFQM-1310 c/w very clear 2:45-3. 12/29- WHSI-1490 NC NX & s/off atop 12:59-1:04; WJTN-1240 NY briefly atop w/ski school ad & NX & s/off @ 2:02. MM 12/30- CKSO-790 mostly atop WTAR 12:30-1:10 s/off w/MoR & NX; WWKE-1370 ending ET @ 1:28; any chance for WLIP TEST was buried deep u/XEG/CHUM; WPIC-790 ET/mx @ 2:18; WLS & WMPF-1360 H. were AN, but I think WLS was on for a record countdown. UnID rr u/WSUN looped in the direction of CKOM. I heard what must have been KENO-1460 2:45-3 w/talk show, very deep fades w/the signal audible once every five-ten minutes. WPCN-1460 @ 4:55 w/early morning c/w show, all alone until WOMB s/on @ 5 killed them. 12/31- WEAW-1330 ET/march mx very strong, almost equal to the Chicago 50kw, left @ 1:47. WISZ-1590 c/w @ 2:30 a surprise, as they topped WAKR/WEZZ. 1/1- Many stations were noted AN, & I managed to log a new one, WRBC-1300 rr @ 4, very clear u/WERE. 1/2- WCHE-1520 4:55-5 s/off w/ads, one for KYW All-NX Radio, hi. Final totals for 1968; 548 new stations heard, 558 stations reported (??-ERC) 386 veries received. If anyone thinks this is some sort of record, it isn't - Don Kaskey claims to have gotten 959 veries in one year back around 1950. 73.

Dave Carlson - 516 Hickory Hollow - St. Louis, Missouri - 63122  
DX: MM 11/25- KCPX-1320 Utah heard for the first time in years, finally in for a report w/WVOJ off, CJVI-900 @ 3am for my first BC, KCNW-1300 & WPHM-1380-DX reported, & KJR-950 finally heard in the clear @ 4:03. 11/29- WJZM-1400 Tenn. f/c @ 1:05-1:15 s/off. 11/30- KWBW-1450 Kans. s/off @ 12:59am. MM 12/2- KOSI-1430 Col. @ 1:58, KFRB-940 Cal. @ 2:58 s/off o/KHOS, report taken to KJR-950, KWRC-940 Ore. TEST in weakly. 12/2 SSS- KALT & KEYN-900 were battling it out around 6:10pm, both new here. MM 12/9- WSWN-900 Fla. ET in real good @ 1:44-2:01 s/off & WPRO-900 O. heard w/ID u/last announcement from WSWN, apparently the TT that was on/off all AM. A real surprise in KVEG-970 Las Vegas f/c @ 3:11-3:15 o/WWSW for fourth Nev. heard. 12/15- CKOY-1310 for a surprise just after midnight o/WOOD, & WPTL-920 was in the clear after 6am for a report. MM 12/23- 1530 was all KFBK here w/no sign of Maine, & 1370 was all WSPD, but WACE TEST-730 did make it barely u/two SS. MM 12/29- No sign of the 1050 TEST, but I did hear WJKY-1060 TT & ID @ 1:11:45 o/another tester. WBHP-1230 Ala. was in w/ a surprising signal AN for easy report (c/w show), WKIC-1390 was heard ending a test @ 2:40. KOOL-960 & KYA-1260 were still dominating their channels even after 5am. WDEL-1150 was also heard still dominating for a few minutes before the rest of the pack signs on around 5. Veries: KCPX-1320 v/q, WPHM & KCNW v/l for DXes, WJZM-1400 v/1, WSWN-900 v/f & CM, KDZA-1230 v/1 & promo after three months, & CKCK-620 v/q after four months. Total 299, still waiting for one more! Big news is that we're moving to Springfield, Ill. about 80 miles away in June this year. I still hope to make the NRC Convention in September. Thanks for the Christmas cards & here's hoping everyone has a great 1969. I'll trade anyone a KXOK year-end SC for one from your area. 73.

January 18, 1968

Morris Sorensen - Huntington College - Laurentian University - Sudbury, Ontario  
My only DX back in Emsdale, Ont. since my last report came on MM 12/30 when I heard WGSU-1480 & the Cuban R. Reloj Nacional outlet on 1209A. Both were apparently AN. I tried for the WLIP-1050 TEST between 1:30-2 but all I heard was CHUM blasting in. I IDed my religious program on 1090 mentioned in my last Musing as KAAY. I used to hear them fairly regularly on SRS but never on their night pattern before, even with WBAL off. My Christmas vacation is now over & I am back in Sudbury. I don't expect to be doing any DXing for about a month - that is, until the next time I go home for a weekend. I am really semi-inactive as a BCB DXer since I spend most of the prime Winter season away from home & am unable to DX then, but the DX NEWS helps to keep my interest alive. Any DXers needing Canadian stamps for return postage please write me at the above address & I will be glad to work out an exchange. 73.

Russ Edmunds - Box 173 - Little Silver, New Jersey - 07739  
Well gang, the party ain't over, it's just beginning. I started work on 1/6, & got my Notice to report for a physical on 1/7. So, bright & early on 1/28, I'll have to "Face the Nation", hi. I've started this location w/a basic log of about 130 stations which I knew would be dominant here. From there I'll work down the dial w/the old Monkey-Ward's Airline until my HQ-100 recovers its RF. DX 1/7 PM - I noted regulars WWRL-1600 WBY/WAKR-1590 CBJ-1580 CFOR/CKIM-1570 WQXR-1560 CBE-1550 KXEL/WPTR-1540 WCKY-1530 WKBW-1520 WRAN/WMEY/WLAC-1510, WTOP-1500 & WHOM-1480. 7:55, WPMN-1590, nice ID; not heard in years. 8:03, WETP-1590 w/ID out of Mutual NX, one never heard in Little Silver, which is S of here. 8:10, WCLS-1580, so I guess it was just a S skip. 9:06, WBSC-1550 also heard long ago. 1490 was a mess - nothing readable. I had an unID rr u/CFOR/CKIM-1570, doubt XERF, but who? Also another ff u/WCLS/BJ-1580. Same thing u/WBSC/CBE-1550. I might have had ZNS on 1540 as there were three stations there - second was WPTR w/IDs. Neither of the others IDed though top station had British accent & lots of talk. Anyone else hear 'em there shortly after 9pm? I took a log on WKER-1500 (local) coming to work this AM, also WERA-1590 u/WWRL splash, hi, ERC! Is it possible the new Burlington Ont. on 1570 is my mystery? Or perhaps CHLO is now there from 680? I'll have a local address (P.O. Box) soon. Meanwhile, keep sending to Box 173. So long & wish me luck! 73s.

Frank Waldron - 65 Lakeridge Drive - Metuchen, New Jersey - 07747  
Wow, this week I added a new state & country. DX: 1/3- WBLU-1480 NX & s/off in mess 5:29pm, some WHOM QRM; WABY-1400 NY atop strongly w/MOR & NX @ 5:45pm; CKGB-680 in nicely 7:45-9:05pm, I had to listen that whole time before they IDed, mx 7:45-8:30, "The World Tomorrow" 8:30-9, then NX & rr. 1/4- WTID-1270 c/w & s/off 5:14; KFAB-1110 6-6:16 way u/WBT, changed to night pattern then & disappeared. MM 1/4- In exactly three hours of listening, four new stations & info for reports for four already heard: CHYM-1490 mx & ID @ 12, WESB-1490 atop 12:02-12:05 s/off; report on CKPM-1440 atop 12:30-12:40; report on WLOB-1310 @ 1, unID TT-1310 1:16-1:30 which should have been KNOX ND but too much QRM from CKOY/WLOR/WIFE for ID; report on WIFE-rr @ 1:30; WADE-1210 "frequency modulation" test @ 1:51, wanted reports; report on WCOL-1230 rr @ 2:30; RJR-770 ANing w/rr, heard 2:45-3; IDed @ 3 as "Radio Wonderful, RJR." At SSS FINALLY, after five months of trying, KTUF-1580 in @ s/off @ 6:43pm w/the Pledge of Allegiance recited. That's State #40, RJR was Country #19. Verles: v/q- WDAF-610. v/1- WMEG-920 plus CM, KLTI-1560 WRNC-1440 WWKE-1370 WCHE-1520 WPKY-1550. v/f- WCOJ-1420 WCTC-1450. v/r- KCHA-1580. CHYM-1310 sent v/1 & CM for their new 50kw. XR which they expect to be operating in March. The 50kw will be beamed primarily N, w/lobes E & SW of Toronto, major nulls W & NE. They will light up a total of 11 towers which they say are the most used by any station in Canada & second most in NA. Major holdouts in '68 included WFEA-1370 (four reports) CJSS-1220 KXLR-1150 WQAM-560 CHAM-1280 KQV-1410 WRFD-880 WSCB-1490 KNLA-1430 WTRY-980 WDVA-1250 & many others. 73.

Cliff Reno - 75 Parish Road - New Canaan, Connecticut - 06840  
Hi. Before I start out, I'd like to say I am looking forward to a good year of DX w/the help of the NRC. Better DX this season: CMQ-640 XERPM-660 CMW-590 CMHQ-630 SIK-725 (Do they verify?) KPI-640 CMHI-570 CMBC-690 CMKV-600 CMKP-670 YVLL-670 YVMH-700 TVQB-600 KDAL-610 QMCD-760 PJB-800 HJEM-820 KRVN-880 XEW-900 R. Barbados-780 HJIM-830 YVMY-840 CMDC-770 YNK-750 XEX-730 4VHF-1035 XEOY-1000 KSL-1160 VOA-1180 XEJP-1140 XEB-1220 WPAI-1520 ZNS-1540 KSTP-1500. Local veries, WINE WINS WTTIC WGSW WRSM WPRO WACE WBZ WMCA WICC WGY. DX v/q KNX (I still don't believe it) WCCO CFOR KNX (P.O.)

January 18, 1968

(Cliff Reno) PJB. Very nice v/q from KSTP & VOA. v/1- CKCY CKOC WAPE. Mystery station of the week, SS u/HIDV-1200. RX, Hallicrafters 5R10A, inverted L antenna. In response to Gary Pall's Muse, he has listed JIK-1310 - was that a printing error? If not, congrats, I list JIK w/Japan. Well so long now, 73. (Welcome to the NRC, Cliff, & we hope to hear from you often. That "JIK" should have been only WJLK in Asbury Park, Cliff, hi -ERC)

John Javetski - 104-21 122 Street - Richmond Hill, New York - 11419  
Greetings from the King of the Hill, take note, Lamerson. Confused situation exists here after AN session at Vin da Gin's on 12/28. I have just reclaimed my loop & RX, but logbook is in Roger Wade's car. Anyhoo, some DX has been in, beginning w/12/28. At Vin's a game of some sort was noted on 535 EE station, score was 529-29. I guess this is that cricket series, huh? TTs on 1490 & 1220 all AM. OC/TT from 1560 station. I heard ID @ about 3:40, sounded like "Colonia, NY". Best bet is WBUZ-1570 off frequency. 5am s/on WSYD-1300, very loud, w/c/w. ID from much-wanted WIBW-580 Kansas @ 5:31, then out u/Cuban, WCHS, et al. Other goodies also, but I can't remember 'em. 12/30- MM-535 again // 750, w/game. Log on um WLOB-1310 atop all AM. KNX-1070 loud w/all NX @ 2:24. WQOK-1440 ET/OC/TT/DT; ID @ 2:47. Fair signals from Droitwich-1088 @ 2:55, faded soon after. WIBG-990 testing w/OC all AM. These all on 5'11" vertical non-directional antenna, hi. Russ Edmunds has a good idea after all. Lots of relogs taken lately for Contest points. I am o/300 but have entered none so far as no log is here w/dates, TX, etc. AN session on 1/4: WLS-890 image again noted on 860, anyone else notice this? 535 on late again. WABJ-1490 Mich. ID heard @ 2, this is the only time they ever come in. WIRV-1550 Ky. ET/mx/TT 2:55-3:05 reported. Later they were also on for 4-4:15 r/c. WCUM-1230 Md. AN w/Cream, Jeff Beck etc. ANer WGOV-950 IDed @ 3:31. WPAR-1450 WVa. rr w/SID @ 4:15. WKDO-1560 WVa. r/c I&C 4:19-4:30. WRSJ PR s/pm-SGB @ 4:24. WDOC-1310 r/c fair 4:48-4:58 w/TT/OC; D @ 4:55. ET/mx/OC all AM from KIPW-1220 Mo. w/SID @ 5:35. MM 1/6- WRUN-1150 NY s/off 12:08 w/SSB. Goodie in WGKA-1190 Ga. ET/OC w/ID @ 12:16. WVEA-860 r/c noted @ 12:48 w/mx. Unns KYSN KDON KENO all there on 1460 @ 1:20. KDON/KENO s/off @ 3, neither w/SSB. WADE-1210 had modulation test 1:50 & on. WINU f/c ID @ 2:20. Log again on KKHI-1550 Cal. 2:35-2:50. CHSC-1220 w/absurd test 3:30 & on. 1190 s/on @ 4 was Cuba CMJP. Some s/ons & s/off sets to RK. v/lb in from CHOK (who says that as of 12/24 they are 10kw. U-2 WTYN KIRL WDEC CKWS, v/q from CKCK & WGBS. v/c from WERI. Totals now somewhere around 900/246; 15 reports or f/ups out in last four days. 73s, have fun.

Russ Edmunds - Box 173 - Little Silver, New Jersey - 07739  
(Earlier report) News here is I'm now for real employed - as of 1/6 I'll be Theatre Supervisor for the Drama Dept of Paterson State College in Wayne, NJ, so I'll be living w/relatives in Glen Rock NJ until I get rid of the debt accumulated by almost seven months of relative unemployment. Now down to DX here in Little Silver: 12/15- Another case of frequency minus twice the IF equals image when a WBAB spur showed up on 530. 1:20pm, & again 12/16 @ 9:14pm, IDs from long-sought WCHS-580. 1:34pm, WRKO-680 (whoopie) never heard daytime when WNAC. It's now a regular. 1:38, a rr or country chicken-rocker, possibly WPIK u/WACE-730. 3:13, Eagles FB, presumed WEMU u/something else which I had thought was WEEU, WHDH maybe. More FB on 800, also Eagles, likely WEMR, all unns. 3:25, WHCU-870 in very well w/Cornell U. talk program. 3:31, WIMD-900 u/WFLN w/American Central NX. 12/16- BKB on 580, sounded like Army, but only Plebes were playing, this @ 9:14. 9:22, WAPA-680 in very well, reported. 9:45, WKQ-580 noted. 12/15- 9:55-plus, hockey, Phila. vs. NY on CBC net on 900 o/CIML. Is this CKTS (unn) or CHNO? 12/17- 8:40, I heard four stations on 540, XEWA CRT or CBK, an FF (is this CBEF?) & another SS (HCPA2 or HJKA); CMKU-600 @ 9:02; a real mess 630-640, see IDXD on this, likewise 540 etc. 12/21- I was at Dave Hoys' DX-fest, & logged good old WSEW-1110 Seneca Falls NY u/WNAR/WHIM. I wish more members had been there. 12/21 home, 4:35 I had WQXQ-1270, ex-WDEE. Then on 1110, 4:41-5pm, a rr & a talker u/WBT. KFAB? WBCA? WMDI? 12/25- 1:09, WHIRF-1570 ex-WAPC; 3:25 WHIM-1110. 12/31- BK died of images- probably had filtering in RF stage. Thanks to my anonymous benefactor of 67 type 84 tubes. Could it be Don Ericson? Somebody who reads the Riverside Cal. paper! Next Muse from still another address, though mail here will reach me Saturdays. 73s. REMEMBER THAT CURRENTLY WE ARE CLASING OUT THIS SECTION ON SUNDAY MORNINGS AND MAILING OUT THE TYPED SHEETS THEN TO GORDIE NELSON. KINDLY KEEP MUSTING, AND DON'T FORGET TO DOUBLE SPACE. SINGLE SPACED REPORTS WILL BE HELD OVER OFTEN, SINCE THESE AUTHORS SHOW NO CONSIDERATION FOR THE EDITOR. ALSO REMEMBER THE 30-LINE LIMIT IN DX NEWS.

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January 18, 1969

John W. Hoogerheide - Box 941 - Marquette, Michigan - 49855

No WPNO DX noted on 12/23, only a weak ES, probably KFBK, & a very weak SS looping SA. What did you hear here fellas? KIRL-1460 w/mx & SIDs on TEST much of AM, noted @ 2am. WVOJ-1320 on AN/RS 2:10; KFAX-1100 w/religious program 2:25 in/out w/Columbian. WKRCO550 AN RS 2:30. 1380 had a weak SS mixed w/WENX @ 3am, probably SA. WGSB-1480 w/c/w mx u/WISM, 3:10. WACE-730 beautiful on TEST; YVOD-780, R. Tropical, loud @ 3:15. Good catch on CJCH-920 w/WOKY (NSPer) looped out w/Maritime WX forecast @ 3:30; KJR-950 3:30 w/weak SS behind looping SA; 1560, very weak SS alone 3:30; 1230 had WREP AN @ 3:45 atop jumble. Wonderful surprise in WMID-1340 & WFGP-1450 @ 3:50 for two new NJs in a five minute period. XEWL-1090 "R. Mil Noventa" testing w/mx @ 4-4:15. After s/off, weak SS behind, maybe Uruguay. SS behind WFIL @ 4:20. So lots of unID AN SSES from SA, but who, as the owl would say. 12/24 produced KSCJ-1360 way atop @ 9:30am, & KRIB-1490 w/WTIQ looped out, 9:45. XET-990 behind CBC @ 7:30pm. 12/25- Many FF noted though generally poor CX - two on 900k, one IDed as CKVD. Anyone know the other? (CJBR -ERC) Also an unk FF on 1220 @ 2, I assume CKSM, right? Or does Moncton broadcast in FF? WSAZ-930 on AN/RS w/WKY @ 3am. 12/27- CKRC-630 @ 1am; WREN-1250 u/WEMP @ 1:20. CKX-1150 atop @ 1:30. 12/29- Rarely heard CPOS-560 u/WIND on loop. Quite good signal @ 1 w/NX. CHLN-550 in FF @ 1:10. Is this a regular AN now? XEFR-1180 R. Felicidad, w/WHAM off @ 2am; CJRC-1150 in FF w/"R. Capital" ID @ 1:50. A rapid fade @ 1:55 brought another FF in CKTR-1150 @ 1:53. No sign of usually dominant CJOC, apparently off. WLAV-1340 atop on AN, 2:10. WEVD-1330 2:30 w/WLOL. Totals now up to 603.

Bill Alisuskas Jr. - 7 Avenue B - Haledon, New Jersey - 07508

Hi gang! Time for another Muse. Things are quite busy DX-wise & look like this: One 1580 mystery solved; it was WSKT. Verie in from WKNX-1210. New additions since last Musing: 12/20- WVOV-1290 9pm. 12/21- WKNX-1210 4:05pm, WFRB-560 4:45pm, WMBS-590 4:47, KWAM-990 5:20pm. 12/22- WKYB-1000 4:44pm, station in Virginia on 1070 (Charlottesville?) 5pm, what's call? (WINA -ERC) WCRK-1150 5:08pm, French-Ottawa on 1150 11:30pm, what's call? 1/8- WHHO-1320 for call change @ 5pm s/off, WWML-1470 5: 5pm s/off, WJMI-1110 5:30 s/off, & WMBO-1340 @ 6:18pm. Total now 897. That's about it for now. Oh, SCers, I have three SCs up for grabs from WPKN AM-FM (Bridgeport U.) so whoever wants one, write soon! Till later, 73.

Ralph Johannes - Buffalo, New York

Baby, it's cold outside! Latest v/q; KGRS-1020, & GM wrote it. v/1 by KVOO-1170 (Christmas reception) because WVA pulls the big switch then, box 1349, Tulsa 74101, he enclosed the "golden" price list. A f/up to JBC got an airletter, then v/q for 750k 4/15/68 which is a colorful glossy card w/front Jamaica flag, national bird, fruit flower & coast of arms; other side Jamaica meaning & said I was tuned to Point Galena XR, the programs originate in the Kingston studio. v/1 (f/up 8/7/68) WSER Inc. Box 38, Elkton, Md. 21921 (1550k), says former CE Tom Aliff (he was also at WKVA) got his license revoked by FCC. Jan sked, 7:30-5:00. V/1, GM by WMBD-1470 212 SW Jefferson Ave. Peoria, Ill. 61602. From KWRC-940 698 Pacific Way, N. Woodburn, Ore. 97091 came a round disc paper w/rubber stamped stuffing & fillin. Others have not yet shoveled the snow away & so didn't get their mail box. This 1/10 I heard WWRL because CJRN again did XR work & off/on OC/TP (no call given, he never does MMs either) & RS back @ 4:44am after tens of mx. After WKBN-570 c/w as WMCA AN was too poor. Next week, more. 73.

Dave Allaway - 44 Orchard Farm Road - Port Washington, New York

Hi. Good CX prevail, & Christmas vacation provided me w/two free MMs, so it's about time I Mused again. MM 12/23- I caught the last half of WPNO-1530-TEST, good signal but much 1540 splash, 1:29-1:42am; KNX-1070 heard o/WFLI 2-2:25am, unID rr-AN-770, no ID given in two hours, I assume it was RJR. MM 12/30- KVOO-1170 w/fair signal after WWVA's 12:30 s/off; RJR-770 again AN w/cricket match & Overseas Science of Radio Australia" IDs, until 1/4 issue I thought it was an image, hi. Also noted AN was JBC-770 w/rr. 1/4- WSHN-1550 ET 1:12-1:30am; WBRC-960 w/NX @ 3:30; WKDO-1560 R/c L&C 4:19-4:30am. 1/5- I was surprised to find XEFR-1180 w/good signal @ 1:15am, after WHAM u/off; WDMG-860 heard w/4am NX. 1/11- WAAY heard after WOKJ-1550 s/off @ 2am; R. Veronica-1562 heard w/rr & DD 2:09-2:35 highly erratic signal. Veries: v/1- KCMO. v/q- CHN CRT KNX CBK WCPC CJKL WMAZ R. Belize. I am still waiting for WNRJ-1430 to leave the air & KRVN-880 to go on. Maybe in '70, hi. 73s.

LET'S KEEP UP OUR SUPPORT OF MUSINGS OF THE MEMBERS, BOYS. PLEASE JOIN IN AND LET US HAVE YOUR DX DOINGS, THUS MAKING DX NEWS THAT MUCH BETTER. PLEASE DOUBLE SPACE!

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Dave Whatnough - 284 Main Street West - Hamilton, 13, Ontario

A few veries have trickled in during the last three weeks. v/q- WGAN CKRC WDAF WEND. v/1- WKKD WBYB KIRL WNYR. Totals now as of 1/10/69, 1,461 logged & 566 verified. States 49/49, provinces 10/8, holdouts, 127. DX since last Muse: 12/20- WKCU-1350 Miss. ET/DT 2:50-3. 12/23- WIGM-1490 Wis. ET March mx 1:01-1:26. KIRL-1460 L&C all AM w/rr oldies. WBYB-1060 NConcluding PoP w/ID @ 2:22. WGAN-560 @ 2:50 w/Christmas mx WPNO-1530 in the clear. WACE-730 copy a little rough u/CKOC image. Enough for a report though. WDAF-610 u/CKTB @ 2:38. 12/29- WAVE-970 L&C @ 2:28. 12/28- WLLL Va. & WNNH N.H. 930 logged u/WBEN who were carrying Metropolitan Opera along w/CBC stations. I was hoping for my closest unheard US, WEOL, but no go. 12/30- KCMO-1550 r/c 1-1:14. WTOB w/PoP IDs @ 2:22 & 2:30. No sign of Kenosha Wis. on 1050 but I got good copy on CJIC for a change. Their signal was as good & sometimes better than CHUM, 22 miles away, & no WHN. 1/4- WCEY-1240 & WSHN-1550 r/cs. 1/6- KPNC-1560 @ 1:30, CKDA-1220 2:32-3:06 s/off. XERB-1090 S-9 signals @ 3:10 w/their record offers. 1/7- WAPT-1480 call change from WMAX, r/c 12:30-12:45, earlier than on list. 1/9- WFBR-1300 heard occasionally u/WERE/WAVZ. WMIK-560 in w/WQAM/WHBQ for r/c @ 12:30-12:44 DT. 1/10- KOKX-1310 w/TT u/WKVR/CFGM/CKOY. To Bob Shaw, your unID religious station on 1460 u/KDON is KENO Las Vegas, heard here last three MMs 2-3. 73s for now.

John Samson - 118 Wycliffe Drive - Winston-Salem, North Carolina - 27106

LX in Firg! N.C. by date: 12/17- WBBB-1000 Selma NC 7:15 s/on (good loc but soon buried). MM 12/23- KIRL-1460 St. Charles, Mo. ET, WPNB-1320 TST in w/excellent signal; WIRE-1430 ET 1:50; WBHP-1230 Huntsville on AN; & WACE-730 on NNRC TEST. 12/27- WJOT-1260 Lake City, NC 6am s/on, WELK-1010 Charlottesville, Va. 7: 5 s/on; WATV-900 Birmingham in the mess @ 5:25. 12/29- WVOV-1000 Huntaville way on top @ 5:30 s/off. 12/30- WMMT-1520 Garden City, Ga. 7:15 s/on. 12/31- WSWN-900 Belle Glade, Fla. 7am s/on very weak; WIAM-900 Williamston, NC 7: 5 s/on buried by WEGS & WAYN. 1/1- Day-time DX for WKJK-900 Granite Falls NC; WIS-560 Columbia, SC, WLVA-590 Lynchburg, Va. WRPL-1540 Charlotte; WQBA-1140 Miami, dominating @ 4:30; later in the evening, WCVL Crawfordville, Ind. & WCTW New Castle, Ind. logged simultaneously on 1550 fighting it out w/each other & w/a strong CRB; later that evening, monitoring a tape of 1050 taken during dinner found WACR-1050 Columbus, Mixx. @ 6:15 s/off. 1/2- WYSR-1250 Franklin, Va. 6 s/on o/all but soon lost. 1/4- WYVE-1280 Wytheville, Va. u/semi-local WSAT in afternoon. 1/6- WBYA-860 Emporia, Va. r/c 12:47 on. Some veries have even come in, surprise, surprise, including WADE-1210 WAAO-1530 WGP-1050 WAUG-1050 WEML-1240 WBZR-1090 KIRL-1460 WIRE-1430 WBHP-1230 WJOT-1260 WELK-1010 WIAM-900 WIS-560 WYVE-1280, back in three days. I am still having rather poor rate of return on veries, but that's nothing new. I agree w/Hank Ward's comments re semantics-minded DXers (1/4 DX NEWS) & think this as much as anything has stopped lots of stations from verifying. While on that subject, do any of our WC DXers have current v/s for KDOL-1340 Mojave; KBIF-900 Fresno; KCLJ-1010 Delano; KPNW-1110 Eugene or KCEY-1390 Turlock? If so, I'd sure be interested. 73. (Who's your v/a for WAAO? -ERC)

Geoff Fox - Box 29 - 132 Beacon Street - Boston, Massachusetts - 02116

First off let me say without a doubt the new form of publishing is great. This week's publishing party (i.e., stamping & marking third class mail) took Stan Moras, Bart Cronin, Phil Sullivan & the Admiral 15 minutes. Randy Kane who arrived 20 minutes late missed the whole session, save the Dr. Pepper (10-2-4). Compare this to five or six people working for three or four hours not to mention Phil on the mimeo for untold hours & all the other "behind the scenes" work. It's great! The real reason for this Muse is to get an opinion off my chest. I believe in CMC work & am a member of the CPC. I do though object to people asking stations to stand by. A station's purpose, in the eyes of their owner, is to make money. Therefore if a station is NSP or AN during a TEST there is no justification for anyone to ask him to silence himself. Most of all it gives the station a large "tuneout" which they don't want, but more important to the DXer, it cheapens the reception. Which is worth more to you, a good catch on a clear frequency or a good catch on 1230 or 1240 while jammed full of stations? The mere feat you heard it can say something for the DXer. Not to misquote purposely but Richard Wood once said he had a friend over while DXing, no Richard said something to the effect of "Listen to that JJ u/the SS from Mexico." His friends reply "What SS?" Anyone can hear a station on a clear frequency. In a case like that you're just someone spinning the dials. With QRM you're showing your skill. I'm sure I'll have disagreement - I welcome it. DX & veries in DDXD. QUN/.

January 18, 1969

Richard E. Wood - 1630 Ruth Place - Honolulu, Hawaii - 96816

Grand total of stations heard since arriving in Hawaii 16 months ago stands at 392. Mainland US stations lead w/84, of which o/half, 46, are from CA. Others are Ore. 10, Wash. 5m Tex 4, Ia. 3, two each from Ida. Ill, & U. & one each from Ariz. Col. Ky. La. Minn. NB, NM, O. Okla. & Wyo. Although I am not really a domestic DXer, I hope to add to these totals as I come across mainlanders while seeking other catches actively. Second country id Australia at 58 heard, third China w/43, Japan @ 40. As local IDs on JO stations are not too frequent, it will take careful listening to increase totals, but they should soon surpass China. Fifth is NZ w/28, sixth Hawaii @ 25, seventh, Mexico w/20, eighth North Korea at 17, ninth Canada @ 13, tenth, Asian RSFSR @ 10. Then follow S. Korea, Thailand, Philippines, & Fiji, two each from Alaska Nicaragua Costa Rica & the Marshalls; & one each from El Salvador, Honduras, Panama, Cuba, Colombia, Peru, Chile, Argentina, Netherlands Antilles, Tonga, New Caledonia, Tahiti, Carolines, Midway, American Samoa, Ryukus, Taiwan, Cambodia, Burma & Hong Kong. Three main continental areas are almost equally represented: Asia w/138, the Americas w/132, & the Pacific w/122. Biggest logging target now are the Micronesian stations as yet unheard, especially Saipan, Truk & Yap; & I am still very thin on SA.

C. J. Hutton - 1521 Fema Drive - Atlanta, Georgia - 30329

Hi gang - here's some DX & answers to questions. First, to John Hoogerheide, for your two terminal loop & one antenna terminal, the terminal should connect to one side of loop, & other loop side should go to ground on RX, which is probably chassis. Second, ERC, thanks for catching my goof on KLLA-1570. Third, why did you print my letter which I wrote concerning WOMN's network change? I meant it to go to the log updater along w/WIGO-1340 which is now AC network. (That should go to Randy Kane, Chuck -ERC) Jerry Starr- No reply yet to my two letters offering my services to CPC. DX now. I found old log of WEBY-1230 Milton, Fla. which is listed in White's Radio Log, but not in NRC Log. Have they simply left the air? 1/8 brought s/off of WOBS-1360 Fla. @ 5:45pm & local-like 6:15pm s/off of KCLO-1410 Kansas. At 6:35am WEZY-1440 Ky. w/c/w mx. 1/7 brought WJBO-1150 La. w/MoR, ID @ 11:19pm. Also on same date KIRL-1460 Mo. around 7am w/rr, not enough for report. First verie in one year, namely KTAT-1570 Okla, only 250w, nice letter thanking me for report. After catching WCRL-1570 s/off a few minutes ago, I figured Alabama totals to be 43 stations, seven veries. I am arranging for TEST w/WLAW-1360. It should be on front page, along w/WGST's-920 Pop Test Sked. The best of DX to every one.

Ernest R. Cooper - 438 East 21 Street - Brooklyn, New York - 11226

Very nice v/1-QM from WSPW-1110. Nice phone calls from Stan Morris & Roger Winsor, w/Stan IDing my 1165 Christmas Colombian for me as HJBL, Ondas de Cienega Grande. MM 12/30, a big nothing day here. WNBC-660 was off again, probably on MM 12/23 due to their regular AN show being skipped on Christmas AM & used 12/23 as a substitute date. BBC-1088 again making it in, but unintelligible, w/bad het w/1090. UnID-TT on 900 3:13-3:16. PM, FF on 1110 @ 4:53, but unID. Tirana-1394 was in also, but just yap-yap-yap, no log possible. SM 1/5- I got up at the ridiculous hour of 6am to try 1320 for WEHO and WLCM. I was able to hear WLCM, but not enough for a report, w/interference from WJAS, & also WEET was on w/c/w mx, s/on @ 6:02am. MM 1/6- I noted JBC-620 AN-rr, & they were atop WSUN for a little while @ 2:41, but they soon faded u/WSUN, & there was an SS in there too. WLOF-950 noted off. Unn WADE-120 was on w/ET/mx @ 1:53. WNBC-660 off. I tried again this SM 1/12 on 1320 to get a log on WLCM and/or WEHO, latter again not heard, & this time, WLCM badly buried by WJAS/WEET. Looks like a tough catch, be gorra. MM 1/13- A new Caracol Colombian noted AN o/u WHO/Radio Tupi, as the three took turns being atop 2:30-3:30am; log on the Colombian, if I find out who he is, that is, hi. Two SS s/on around 4am on 860; one is a Cuban in Camaguey, other is probably a Venezuelan. Old friend HIOR-880 noted w/Rosary w/children's voices @ 4:30am, fine strong signal completely in the clear. This is the first Dominican Republic station heard this Winter, after logging nine of them last season. The 1220 loudest SS @ 4:36 giving AST TX checks would also seem to be a Cubanola - that troubled land is now on AST or EDT or whatever they call it there. WLOF-950 again off; so probably they have quit ANing MMs. The Cuban which was on 1563A seems to be right on 1560 now - just what we need. I was very much impressed with the fine DX NEWS last week which the Admiral mailed me Special Delivery. But, we don't know the NAME OF THE PRINTER! Let's give him a big plug too! CUN 7. AS THEY SAY IN NEW ORLEANS, "WWOM" - "WEND your WAY OVER the MISSISSIPPI -to St. LOUIS!

VERIE SIGNERS

Table listing verie signers with columns for call sign, name, location, and initials. Includes entries like W D E V W. Chase, CE J 1300 K C N W T. Keenze, CE HK and 1300 K M B S Clark, CE A E-J. Brauner F-R. Edmunds G M. Blumenthal.

# International DX Digest

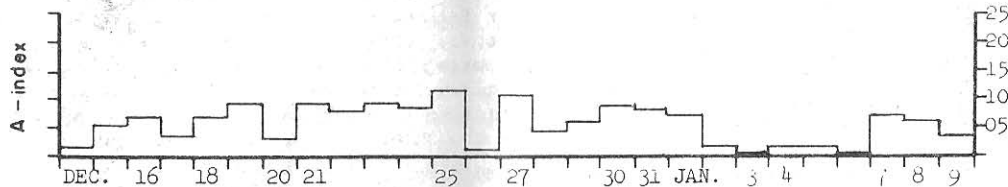
Propagation & Features  
Gordon Nelson, 19 Irma Ave.  
Watertown, Mass. 02172



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

DX conditions here in the Northeast remain basically unchanged from last week: commoner TA's quite strong at times but essentially nothing from the Middle East, Soviet Union, and other signals on high latitude paths. Dangerfield in Pennsylvania says, "TAs on all parts of the dial have been good at times, some as good as I have ever heard them. I have some beautiful sharp tapes on Vatican-1529, AFN-872, Rome-845, Tirana-1394, Lille-1376, and YVMN-1210. CBK on 540 has been very strong at times. KFI has actually covered CMQ without a loop. I also taped BBC-1214 with only minimal splatter from WCAU." Fischer, in Nebraska, reports that "Europeans are in here - 764 Dakar is stronger than KORL since December 2 and is most regular at 0100 and daily!"

Geomagnetic activity has remained at a moderately low level during the last week. The following graph indicates the level of geomagnetic activity as measured by the Fredericksburg A index. Low values of A are associated with low levels of auroral activity; high latitude paths such as TP-ECNA and TA-WCNA are then possible. A values above about 20 indicate auroral activity and associated high latitude signal absorption.



\*IRAN. The National Iranian Oil Company put a new 10 kw transmitter into operation on 1/4 in Abadan; the new transmitter replaces the old 660 watt station and operates on 1139. (Ed)

\*CLANDESTINE. The "Voice of Iraqi Kurdistan" is currently operating on 1607 kc/s from 1000-1130 in Kurdish and Arabic; any trace in Sweden, ARC? (Ed)

\*HUNGARY. The Budapest Radio station on 539 at Kossuth was recently modernized and operation with a new 300 kw transmitter began on 12/28; the antenna was also redone and improved reception should result. (Ed)

\*GREECE. The new Athens outlet now in operation on 728 is running 150 kw and operates from 2300 to 1805. (SCDX)

\*MEXICO. The following update information comes from Jerry Starr:

- |   |   |
|---|---|
| 600 XENK, change call to XERJ; power is now 5/1 DA2 | 1320 XERN, call change to XEEH<br>Add XECY, Huejutla, Hid. 1000/250 |
| 810 Add XEHT, Huamantla, Tl. 500d                   | Add XENI, Nueva Italia, Mich. 1000/250                              |
| 840 Delete XEBA                                     | 1360 Add XEUL, Progreso, Yuc. 250/125                               |
| 880 Add XETZ, Tequila, Jal. 1000d                   | Add XEFBF, Martinez de la Torre, Ver. 500/100                       |
| 1000 Add CP for Rio Bravo, Tam. 250d                | Delete XEOL   |
| 1040 Add CP for Tala, Jal. 250d                     | Add XEQY, Toluca, Mex. 500d DA                                      |
| 1110 Delete XECAM                                   | 1380 Add CP for Tepic, Nay. 1000/500                                |
| Add CP for Cardenas, Ch. 1000d                      | 1410 XETP, change call to XERCM                                     |
| 1120 Add XEUNO, Guadalajara, Jal. 500d              | Add XEYD, Francisco Madero, Coah. 1000/100                          |
| 1160 XEAK, change call to XEWW                      | 1430 Delete XETZ, now on 880  |
| Add XETW, Uruapan, Mich. 1000d                      | Delete XEYL   |
| 1180 Add XEYS, San Francisco, Gto. 500d             | 1460 XEOL, call change to XEUJ                                      |
| 1200 Delete XEXP                                    | 1470 Add XELOM, Loma Bonita, Cam. 5000/5000                         |
| 1290 Add XEYI, Rio Verde, S.L.P. 250d               | 1480 XEDY, call change to XEBV                                      |
| 1310 Delete XEVI                                    |   |
| XEUG, call change to XEIZ                           |   |

IDXD

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Mexican update - continued

- |  |   |
|--|---|
| 1480 XEKU, delete                            | 1520 Add XEVUC, Villa Union, Coah. 1000d                  |
| XEJET, call change to XETKR                  | Add XEACC, Cd. Camargo, Ch. 1000d                         |
| Add XEOU, Huajuaplan, Oax. 500d              | 1530 Add XEEF, Compostela, Nay. 1000d                     |
| 1500 Add XEFL, Guanajuato, Gto. 250d         | Add XEUR, Texcoco 5000/5000 DA1                           |
| 1520 Add XERQ, San Luis Rio Colo., Son. 250d | 1540 XEVE, change call to XEVF                            |
| XEUR, Call change to XEATP                   | Add CP for San Jaunde los Lagos, Jal., 1000d              |
| Add XEVD, San Rafael, Ver. 250d              | 1580 XEUL moved to 1360, this facility now has call XEGOL |
| Delete XEGD                                  | Add CP for Las Choapas, Ver. 250/100                      |
| Delete XEHT                                  |   |

\* \* \* \* \*

## Radio Veronica, A Station Profile

-Jerry Starr

Where once there were over a dozen, now there is only one, Radio Veronica, the last of the European pirate stations. Veronica went on the air in 1964 with a home-made transmitter with 3.5 kilowatts aboard the M/V Veronica anchored in international waters six miles offshore from the city of The Hague in Holland's North Sea. The transmitter was modified several times to facilitate power increases; first to 5 kw, then 8 kw. As revenues increased, the station was able to purchase a 10 kilowatt American-made Continental Electronics transmitter which was recently installed and is now on the air. The antenna installation has remained unchanged since Veronica went on the air, a very simple center-fed longwire, each side 24 feet long, 66 feet above the ship.

Radio Veronica maintains a staff of about 25 people, this includes eight on-the-air personalities, among them two Englishmen and a pretty young thing named Tineke. All the programs are recorded at the Veronica studios at Zeedijk 27 in Hilversum and are transported to the ship by shuttleboat. Behind the scenes at the studios are 17 programmers, technicians, and administrative personnel.

Veronica broadcasts a daily schedule from 0100 to 1900. The music is generally a conglomerate of Dutch and U.S. popular music, everything from Wim Sonneveld to Aretha Franklin, Jimi Hendrix and the Canned Heat. During good TA openings you're very likely to find their powerful signal bombing in at 1562 kHz. All correct reports are verified by an attractive QSL bearing a picture of the M/V Veronica. You'll likely also receive a letter, station information sheet, decal, hit list and various other items from this "friendly pirate". Their address in Hilversum is Postbus 218. -30-

\*ARGENTINA. Broadcasters in this country are currently experiencing considerable trouble in getting what used to be routine license renewals accepted by the CONART (equivalent to the FCC) according to a number of press clippings sent in by members. Station operators about to lose their franchises claim that the government is favoring its friends at the expense of the well established broadcasters. An item for Variety via Ralph Johannes reports that Radio Misiones-1010 was recently seized by the Argentine military government after it refused to identify a letter writer who claimed that the Governor was actually making more than his \$485 monthly salary.

\*The DX Stamp Service operated by Sax Ringler, W2SAW, is still in operation and we've just gotten his latest catalog. The DX Stamp Service sells mint foreign stamps suitable for airmail return from many foreign countries - this is particularly useful for stations in remote areas where IRC's are literally unheard of. Prices range from 20¢ for Central America to 60¢ for countries such as Iran and Ceylon. Free price list available from DX Stamp Service, 466 Weaver Road, Webster, N.Y. 14580. 24 hour service on all orders.

\*Veteran NRC member Steve Johnson, K3LXN, is the subject of a fine feature write-up in the Awards section of the December issue of CQ magazine; the article also mentions the NRC and BCB DX'ing. Congratulations, Steve!

Editor: R. L. Foxworth, 3FO Fox 2111, New York, N.Y. 10001. Tel: 212-  
 All Times are Eastern Standard Time. 582-0844

- 625 Costa Rica. TIRICA at 0030 1/2; not as strong as before. (Kilroy, D.C.)
- 660 Alaska. KFAR copied 0420-0505 1/7 for another try for v/l. Hrd s-7 at times w/few deep fades and 95% readability after being hrd weakly only twice previously. Rock mx; gave s/off ancts 0500 but then into nx. F/out for good at this time. Perhaps s/off after nx; SS dominated. Temp was 52 below. (Kaskey/ERBA, Sacto, Calif.) (CE Don Forter has varied before-Ed.)
- 683 Spain. RNE Sevilla w/nx + ID 1904 1/6 to 1945 "Sevilla...centro emisor de Nacional" and male/female ancrs. Surprised as this has been only low-band TA this season. (Kilroy, D.C.)
- 750 Jamaica. JBC good level 0122 1/6 after USB s/off. In/out with HJDK to 0400 when HJDK f/out; then solid to USB s/on 0500. Discussion pgm from 4 to 5 and ancient rock hits on "Your much more music show, the whole bag" hrd until 0400. (Kaskey, Calif.)
- 800 Alaska. KINY Juneau copied mostly over FJB 0530-0600 1/7 w/rock mx. Went into nx at 0600 then completely out, unless into religious mx; unlikely. (Kaskey, Calif.) (I'd guess FJB much more likely w/relig. mx, hi)
- 830 Hawaii. KIHI Honolulu o/WCCO 0530 1/4. Usual h.I.ers all loud. (Kaskey)
- 875a unID. Oriental never hrd here before, 0821 12/30. Japs noted around the same time on 700-750-870-1210. (Kaskey, Cal.) (Likely Pyongyang, Sd.)
- 900 Alaska. KFRB Fairbanks fair 0610 1/4; good thru CJVI OC 0408 1/7 (Kaskey)
- 1090 Bolivia. Snagged another country after Godwin's tip, with R. Progreso, La Paz around 0431 1/6 with ID mentioning "en el corazón de América" and language presumably Aymará. Easy to // to 6005-sw too. (Hauser, Col.)
- 1130 Hawaii. KLEI Kailua fantastic at 0434 1/6; had to tune loop very finely to locate CKWX as KLEI was strong in all directions. (Kaskey, Calif.)
- 1169 unID. SS at C421 12/25, rough against KVOG but hrd "Buenos Aires" mentioned and did not sound like a newscast (Kilroy, D.C.) (I hrd that, Paul...it was an ad for New York's own Con Edison, hi).
- 1170 Alaska. KJNP North Pole again battling KVOO 0415 to 0512 s/off 1/6. Often atop KVOO throughout but a total f/out just prior to s/off. (Kaskey)
- 1270 Hawaii. KNDI Honolulu best ever hrd 0500-0600 1/4 s-7 to 8 with only minor fades, booming in. Usually quite weak here. (Kaskey, Calif.)
- 1394 Albania. Tirana good as usual w/IS 0030 12/30. (Kilroy, D.C.)
- 1540 unID.s/o QRMing KXEL 0300-0600 1/6, maybe domestic. (Kaskey)(maybe ZNS?)
- 1562 Switzerland. Hrd with GG pgm of cl mx 0155 1/1 starting the new year right with red hot signal like last year at this time. (Kilroy, D.C.)

-----verification-----  
 1070 FRENCH GUIANA. Prompt airmail v/l in FF from Le Chef d'Établissement C. Pierre, specific verification, expresses surprise I heard them since reception is usually limited to within 12 km. of the xmtr. Nice I guess but I wouldn't trade it for the tape for anything. (Admiral Nelson, Mass.)  
 -----credits-----

Contributors for the past 3 issues are: Lon Berman, N.Y.--Martin Blumenthal, Mass.--Russ Edmunds, N.J.--Bengt Ericson, Sweden--Dave Fischer, Neb.--Glenn Hauser, Col.--Paul Poffmann, Indiana--Don Kaskey, ERBA, Calif.--Paul Kilroy, D.C.--Roy Pillar, Wash. state--Sheldon Miller, Fla.--Gordon Nelson, Mass.--César Objío, D.R. and Néctor Dávila, Bayamón, P.R. via César--Don Reynolds, Calif.--alt Rogers, Fla.--Andy Rugg, P. Québec, Canada--Lara Nyuen, Hong Kong--Gray Scrimgeour, Ont. Canada--Mike Silvera, Jamaica--Jerry Starr, Ohio--Phil Sullivan, Mass.--Mike Tannery, Texas--Henry Wilkinson, Calif. and Richard Wood, Hawaii.

Travel again forces a premature mastering (cutting?) this week but there will be a later deadline when offset becomes de-bugged; we'll be more consistent in a couple more weeks. New ribbon here but still looks thin to me..73 BA  
 "Zworykin and Sarnoff are Alive and Well in Tokyo, Japan"



## Domestic DX Digest

Randall Kane  
 37 Myrtle Ave.  
 Winthrop, Mass 02152

### ANARC Committee Report, by Jerry Starr

I've had a good number of inquiries about the ANARC Committee working to improve verification policies. Many have asked if the list of non-verifiers compiled for this project were available or would be published. The answer to both is a definite "no": there is only one list and it will not be published or circulated in any way. I think most NRCers agree that instituting a "blacklist" would be poor ethics.

However, you might be interested in a positive listing. Here are some of the former non-verifiers and reluctant verifiers who are now reported to have changed their policies. Some have never verified before, others have in the past, adopted a no-verification policy in recent years, and now have been brought back into the fold.

WAAO, WDXN, WEZJ, KFQD, KLAQ, KLUC, WOTR, WMCK, WSME, KWMT, WNTN; WATM will fill ppc, KAYO has mimeo form, XERF QSL, KFVY Xerox form, WGUS will sign reports, WKBX same, WNUS nice v/f on letterhead, KORL-they're back!, WPNX v/f, not for tests, WRAD c/o manager, WXVA mimeo form, WCLB, WSJC v/f, WKNX has QSL, WINW c/o Jay Williams, WHLO has QSLs on order. WCLS will verify only if you live in extreme, distant portions of the US or in a foreign country. If they feel it's a good DX catch, they'll answer with a nice v/l.

A few notes on the above: No follow-ups, please, just new reports. Some of these stations have hundreds of reports owing, and if everyone sent f/ups they'd be bombed under and that might blow it. Many of these stations will be very selective pertaining to distance, accuracy, sufficient length, and details. Some will verify for RS but not for tests. In other words, not everyone will receive veries from all these stations. But all will verify if their individual requirements are met; at least there is a good chance for a verio. A few are cleaning out old reports- perhaps you have received veries for these- but please, no follow-ups.

Thanks to Larry Godwin, Joe Fela, Wes Boyd and others for their efforts with specific stations.

- A** After hours: midnight to sunrise DX
- 540 WLIX-NY 12/24 0135 weak f/c. (Paul Kilroy, Washington, DC)
  - 690 WTIK-La 12/25 0307 w/mx & ad, rare here. (Kilroy, DC)
  - 800 KDDD-Tex 1/7 on ET 0630-0635 only, used TT and ancts every 10 sec, atop PJB & KINY. (Don Kaskey, W Sacramento, Cal)
  - 900 unID FF 12/25 0255 w/phone calls. Any idea which? (Kilroy, DC) There's quite a chice, and could be any on Xmas AN. (rk) (Kaskey)
  - 920 KXLY-Wash 12/30 on ET w/ID at 0659, then mx, ruined the s/on below. /
  - 930 WKY-Okla Fair at 0202 12/30. (Gray Scrimgeour, Toronto, Ont)
  - 970 WFLA-Fla Great signal 1/7 w/KCHV nulled at 0400. (Kaskey, Cal)
  - \*+980 CHEX-Ont RS noted:0350-0502etc:1/8 with 'chex-Feature-Album-Time' (?? new AN'r (Ralph M Johanns, Buffalo, NY)
  - \*1060 WCOK-NC CE(K4QFQ),V/q's:nxt/c:1/20,from 0045-0115. (Johanns, NY)
  - 1210 WAVI-Ohio Mx/ET 1/6, 0102 ID. (Scrimgeour, Ont)
  - 1240 WWC0-Conn Hrd 1/4 at 0328 w/HL, thought I had WBAX. (Ken Lyon, Akron, NY)
  - WCBY-Mich Hrd 1/4 w/r/c 0211-0214. (Lyon, NY)
  - 1250 WMTR-NJ TT w/ID 0137 12/27. (Chris Lucas, Fairfield, Conn)
  - 1310 ?WHEP/Ala?, WH?b/or p-call,muffed locat'n,TT/c 0116-0130 s/off:1/6(\*no: KNOX/c (Ralphie)
  - WDOC-Ky Hrd 1/4 0446-0500 w r/c TT. (Chattorton, NY)

PLEASE BE YOUR OWN EDITOR!



January 18, 1969

(A)

- 1340 KENT-Ariz R/c-TT 1/6 0230-0245 thru hash. (Kaskey, Cal)  
WIRY-NY Chicken rock, ID as "Wiry Radio", only 1 commercial 0216-0232  
1/7. Faded but o/unID RR- who? (GJ Fox, Boston, Mass) WMID or  
WHAT, the former more likely. (rk)
- 1350 WSMB-La 12/21 in fairly well about 0430, in and out w/SS. (Kaskey)  
+1360 WSAI-Ohio (SUN/off) had RS to:0300 & said:0600 back/RS, fld vocal SSB:1/5  
1370 KOKE-Tex DX 12/23 u/WSPD, last 15 min 0315-0331; several IDs, v/l back  
already. (Kaskey, Cal)
- 1400 KNND-Oreg 12/22 0035 thru hash w/local nx, quickly buried. (Kaskey)  
KTNT-Wash 1/3 atop KPAT at 0400, too lazy to copy. (Kaskey, Cal)
- 1410 KBAN-Tex R/c-TT 1/6 0600-0615, Morse IDs, voice annets at 0615. TT easy  
thru hash but voice quite difficult. (Kaskey, Cal)
- \*1450 KPAL-Cal Noted o/KTIP at 0350 1/6, possibly running AN. (Kaskey)  
WPAD-Ky Hrd 1/2 at 0106-0114 w r/c-TT. (Lyon, NY)  
KDXU-Utah R/c-TT 1/6 2345-0000 o/hash. (Kaskey, Cal) 2145 MST?? (rk)
- 1470 KRBC-Tex 12/30 atop w/mx 0627. (Kaskey, Cal)  
unID S/off 0300 12/29 w/God Bless America. (Lon Berman, NY) Only  
KXOA-Cal listed s/off at that time, seems unlikely. (rk)
- 1490 WABJ-Mich Heard 1/4 at 0430 w/ID, out into mess very quickly. (Lyon, NY)  
1500 unID S/off 0101 MM 12/23 w/choral SSB. (Berman) WTOP or WKIZ. (rk)  
1530 WPNO-Me Excellent on DX 0117-0142 12/23, even topped WCKY when latter  
ETed briefly. (Morris Sorensen, Emsdale, Ont)
- \*1550 KOBY-Nev hrd OC/c 0400-0430 (2 ID's) on:1/3 (\*newie) (Johanns, NY)  
1600 KVIO-Ariz R/c-TT 1/6 0215-0230 above QRM. (Kaskey, Cal)  
CJRN-Ont 1/9 doing some OC/TT'g: betw 0300-0400/tune-out, they were RS  
@:0430 (Johanns, NY)

B

- Sunrise and daytime DX: a melange of everything this time...
- 540 KNOE-La 12/21 s/on 0555, vocal SSB, Dixie & annet at 0558. (Kaskey)  
560 WFIL-Pa L&C at 0745 12/27. (Ken Chatterton, Mannville, NY)  
KLVI-Tex 1/5 s/on 0656 no SSB thru KMON/KPQ. (Kaskey, Cal)
- 630 KWRO-Oreg 12/28 on RS 0930 o/KOH w/loop. (Kaskey)  
CKAR-Ont Local off 1/3 1028 to as late as 1830, but on by 2329. Their  
Perry Sound satellite CKAR-1-1340 remained; temperature that  
day reached -40°. (Sorensen, Ont)
- GFCO/CJET-Ont Surprisingly dominated w/CKAR off, o/much closer CJET who  
probably protects CKAR. (Sorensen, Ont)
- 640 WOI-Iowa Fair o/unID QRM at 0615 12/27. (Chatterton, NY)  
710 CHYR-Ont Fair u/WOR at 0915 12/26. (Chatterton)  
730 WDOS-NY Weak but all alone at 1255 12/18. (Chatterton)  
unID RR u/WACE 1338 12/15. (Russ Edmunds, NJ) WPIT? (rk)
- 850 unID-Pa Who has Eagles FB, WEEU or WJAC? Hrd 12/15 1513. (Edmunds)  
910 KGLC-Okla Weak u/CBO at 0600 12/15. (Chatterton, NY)  
930 WIZR-NY Hrd w/strong sigs o/WBEN at 1220 12/18. (Chatterton)  
960 WELI-Conn 1/4 s/on at 0513 w/SSB. (John Javetski, Richmond Hill, NY)  
990 CBEI-Ont 40w LPRT in Bonfield (near North Bay), per KGS 1/4 DDXD-4 has  
weak signal here daytime, relays CBC FT & has been on since  
1966. (Sorensen, Ont)
- 1110 WSEW-NY New stn weak but clear 12/14. (Chatterton, NY)  
CHQT-Alta 12/28 w/good sig 0711-0737, official s/on at 0730. (Kaskey)
- 1220 CKCW-NB 1/3 0507 s/on w/GSQ and annets, into "World Tomorrow". Weak  
for 10kw as anned but prob directional. (Kilroy, DC) Non-DA  
days and does sound it here, hi. (rk)
- 1250 KHOT-Cal 12/28 s/on 0900 then into SS. (Kaskey, Cal)  
1270 WHBF-Ill 12/21 s/on 0600, MoR. (Kaskey, Cal)  
1300 WSYD-NC 1/4 s/on w/SSB at 0459. (Javetski, NY)  
1320 KBLU-Ariz 12/28 u/KCPX 0810-0857 when KORA put CC on, rpt sent. (Kaskey)  
WATR-Conn 1/4 s/on SSB 0502. (Javetski, NY)  
WKAP-Pa 1/4 s/on SSB at 0500. (Javetski)

(B)

- 1330 KAHR-Cal 12/28 s/on 0900 u/KFAC, soon took over though, C&W. (Kaskey)  
1420 WBSM-NY Very weak o/2 unIDs 0730 12/18. (Chatterton, NY)  
1430 KJAY-Cal 12/28 s/on 0900 then into SS. (Kaskey, Cal)  
1440 KDOT-Ariz 12/28 s/on 0800 annet 214w PSA, great sig tho. (Kaskey)  
WQOK-SC S/on 0455 MM 12/23. (Berman, NY)  
1470 WSAN-Pa 0600 s/on 12/15 SSB, annet & mx; o/u the pile & lost 'em. (Fox)  
1480 KRED-Cal 12/22 s/on-SSB 0925. (Kaskey, Cal)  
1540 WKXR-NH 1401 ID and nx intro w/teletype background, rare because of  
WHIL spurs, 1/6. (Fox, Mass)
- 1550 WCTW-Ind 12/30 s/on was weak at 0524, followed by C&W pgm. (Javetski)

C

- Sunset and evening DX
- 730 KSVN-Utah 1/7 w/exc sig 1919-1930 s/off. (Kaskey, Cal)  
750 WHEB-NH Clear at 1730 s/off, State #50 hrd. (Scrimgeour) Congrats, Gray!  
810 WMTS-Tenn S/off u/WGY at 1730 12/28. (Lucas, Conn)  
900 unID Who had Philly-NY hockey on CBC net 12/15 PM, o/CHML? (Edmunds)  
Probably CKTS: carriers many CBC EE pgms. (rk)
- 1090 WQIK-Fla S/off 1730 hrd 12/22. (Lucas, Conn)  
WKSP-SC 1x, sports, s/off 12/22 1706-1714. (Lucas)
- 1110 WSEW-NY Good o/nulled WNAR/WHIM 12/26 1430, MoR. (Lucas, Conn)  
1150 CJRC-Ont Dominant w/FF 12/24 1705. (Lucas, Conn)  
1210 WKNX-Mich Hrd o/u WCAU w/rr 12/21 1554-1615. (Lucas)
- 1260 WCLC-Tenn Good at 1732 s/off 12/23 o/WEZE. (Lucas, Conn)  
1290 WPVA-Va 1700 s/off hrd 12/24. (Berman, NY)  
1300 KRCP-Cal 1/2 booming in at 2015, "Big K". (Kaskey, Cal)  
KRWL-Nev 1/2 at 2000 w/ID as "Capitol Radio". (Kaskey, Cal)
- 1390 unID Who would have RR at 2145 1/8, u/WEAM, WPBL & WCSC? (Edmunds)  
1420 unID Who would have "Open Line" at 2100, u/WHK w/exchange KA4? (RJE)  
1570 unID Who would have RR at 2010, u/CHLO & CKLM(1/7)? (Russ)  
1590 WTTT-Md Hrd 1/7 at 2003. (Edmunds, NJ)  
1600 WHBT-Tenn Hrd s/off 12/23 at 1727, no SSB but "Broadcaster's Prayer" (Ken  
Lyon, NY) FCC help us! (rk)

D

- Schedules and other information
- + 810 WPED-Va CP Zip is 22932. (RJE)  
990 CP-Conn \*Southington, 500D3: WNTY or WFCS?  
+1050 WSCV-NH CP zip is 03458. (RJE)  
1070 WNCV-NC Greenville, CP 10/1 or 10/10 U4?  
+1080 KYMN-Minn Zip is 55057. (RJE)  
+ WKGX-NC CP Zip is 28645. (RJE)  
+1090 CP-Iowa Sioux Center zip is 57250. (RJE)  
CP-La \*Donaldsonville, 500 D3: WSLG or WDLV?
- +1170 KUAD-Colo CP Zip is 80550. (RJE)  
+ WWLE-NY CP Zip is 12518. (RJE)  
+1230 WMOU-NH Is not NY. (RJE)  
+1240 WSEW-Pa C/E V/1's: 24hrs, except: 0001-0700SUN & 0001-0600 MON.- (RMJ)  
+ CBLZ-Ont 40w LPRT in Britt, Ont (between Parry Sound & Sudbury) not lis-  
ted in NRC Log. Relays EE net, on since 1967 and not yet hrd in  
Emsdale. (Sorensen, Ont)
- +1290 WTYL-Miss Is call for Tylertown CP, Zip is 39667. (RJE)  
1360 WISV-Wis Viroqua, 1000D-- still on?  
+1380 WIZO-Tenn CP Zip is 37064. (RJE)  
+1510 WRAN-NJ I think is 1000/500 U4, but this might be wrong. (RJE)  
1530 CP-NJ \*Elizabeth, 500 D: WELA or WELZ?  
WTFN-Tenn Trenton, 1000 D: still on?
- 1540 KCTO-La CP, Columbus. Granted pgm operation, should be on soon. (RJE)  
1550 CP-Wis River Falls, Zip is 54022. (RJE)  
1570 WSSA-Ga Zip is 30022. (RJE)  
+1580 WVGT-Fla Granted CP for 5000 D1. (RJE)  
+ Blackwell, Okla 1000 D1 call is KLTR. KLOR is the FM, Poca City. (rk)  
1600 WLLS-Ky CP, Zip is 42347. (RJE)

IDX D Special FeatureMEDIUM WAVE RECEPTION FROM THE DOMINICAN REPUBLIC

by César Objio

After reading an article written by the Swedish DXer Bengt Ericson about the reception situation from Israel, I thought it would be a good idea to give our DXers a detailed report of what is currently being heard from the Dominican Republic in the MW band, especially from Bani, my home town, which is about 45 miles south-west from Santo Domingo, and where the conditions are always much better. In Santo Domingo daylight reception is completely nil with 28 MW stations. At night some foreign stations can be heard, most of them weak.

This logging was compiled by reception with my Lafayette HE-30, no special equipment used, just an horizontal wire about 50 feet long and some 20 feet high, situated east-west. Reception with a transistor set will not be so good. Three letters are used in order to describe signal strength: s : strong, g : good, w : weak. A good idea for reading this logging is by using the National Geographic Atlas of the World, pages 66-67.

As you can see there are no stations mentioned in some frequencies, nothing can be heard in the morning; but in the afternoons, especially after 3 or 4 p.m., the stations to the right start being heard, and the weak ones improve their signals, but when the darkness falls, the farthest stations come to every frequency and then there is only a very strong noise, which I have mentioned as QRM, stations between parenthesis are the ones identified through the noise, this means that these stations can be heard sometimes in the evening as their signals become strong-and-fade constantly. But there are others which can't be IDed because they are too far away or weak, but add their power to the noise.

Daylight Reception (morning)

- 540 R. ABC, Santo Domingo (s)
- 550 WPAB, Ponce (g)
- 560 R. Rumbos, YVLX, Caracas (g)
- 570 R. Cristal, HIMS, Santo Domingo (s)
- 580 La Voz de la Fe, YVMJ, Maracaibo (w) WKAQ (QRM)
- 590 R. Continente, YVKL, Caracas (g)
- 600 R. Seiscientos, WAEL, Mayagüez (g)
- 610 R. Guardia, VPL6, Port of Spain (w)
- 620 R. Tv Dominicana, HISD, Santo Domingo (s)
- 630 WKYN, Santurce, and R. Nacional, Caracas (both)
- 640 Ondas Porteñas, YVQO, Puerto la Cruz (g) (W/QRM)
- 650 R. Universal, HIAT, Santo Domingo (s)
- 660 Ondas de los Médanos, YVNA, Coro (g)
- 670 R. Rumbos, YVLL, Caracas (g) //560
- 680 WAPA, San Juan (g)
- 690 R. Guarachita, HIAW, Santo Domingo (s)
- 700 R. Popular, YVMH, Maracaibo (w)

(afternoon)

- 710 WKJB, Mayagüez (s)
- 720 R. Cumaná, YVQR, Cumaná (w) QRM
- 730 Broadcasting Nacional HIZ, Santo Domingo (s)
- 740 WIAC, San Juan, and R. Maracaibo, YVNC (w) both, w/QRM
- 750 R. Caracas, YVKS, Caracas (g)
- 760 WORA, Mayagüez, (g) some QRM
- 770 R. Puerto la Cruz, YVQO, Puerto la Cruz (g)
- 780 strong QRM
- 790 La Voz del Trópico, HIL, Santo Domingo (s)
- 800 Trans World Radio, PJB, Bonaire (s)
- 810 WKVM, San Juan (g)
- 820 R. Ochocientos Diez, YVLP, Valencia (w)
- 830 R. Miranda, YVLT, Los Teques (w)
- 840 Ondas del Caribe, HJBI, Santa Marta (w)
- 850 WABA, Aguadilla (g)
- 855 R. Curom, PJC2 (g)
- 860 Servicio Cultural de R. Tv Dominicana (s)
- 870 R. Libertador, YVKU, Caracas (w)
- 880 R. Lara, YVMP, Barquisimeto (w)
- 890 R. Continental, HIPJ, Santo Domingo (s)
- 900 R. Wara, YVMD, Maracaibo (w)
- 910 R. Aeropuerto, YVRQ, Maiquetia (g)
- 920 R. Reloj de Emisoras Unidas, HTBA, Santo Domingo (g)
- 930 Ondas del Yaque, HICK, Santiago (g)
- 940 R. Punto Fijo, YVNN, Punto Fijo (g)
- 950 R. Difusora HIG, Santo Domingo (s)
- 960 R. Monagas, YVRB, Maturin (g)
- 970 WIVI, St. Croix, Virgin Islands (w)
- 980 R. Cibao, HISA, Santiago (g)
- 990 WPRA, Mayaguez (g)
- 1000 R. Mil, YVNM, Moron (g)
- 1010 R. Comercial, HIJP, Santo Domingo (s)
- 1020 R. Calendario, YVMK, Maracaibo (g)
- 1030 R. Novedades, HIDL, La Vega (w)
- 1040 R. Central, HION, Santo Domingo (s)
- 1050 R. Caribe, PJJ3, Willemstad, (g) some QRM
- 1060 R. San Cristóbal, YVCE, S. Cristóbal (w)
- 1070 HIBI Radio, San Francisco de Macoris (g)
- 1080 R. Programas Quisqueya, HIMC, S. Domingo (w)
- 1090 WRJS, San Cermán (w) w/QRM
- 1100 R. Cultura, YVKE, Caracas (w)
- 1110 R. Carupano, YVGT, Carupano (w) some QRM
- 1120 R. Antillas, HICN, Santo Domingo (g)
- 1130 QRM (YVRU-HIRL-HJCO- R. Litoral, YVRU, Naiguata (w)
- 1140 R. El Imparcial, WITA, San Juan (w)
- 1150 Onda Musical, HIAS, Santo Domingo (g)
- 1160 R. Tiempo, HIDE, Cotuí (w)
- 1170 WLEO, Ponce (w)
- 1180 R. Mil, HIBE, Santo Domingo (s)
- 1190 La Voz de la Costa, HJCT, Barranquilla (w)
- 1200 R. Santa María, HIDV, Santo Cerro (w)
- 1210 R. Coro, YVMV, Coro (w)
- 1220 R. HIN, Santo Domingo (s)
- 1230 R. Unica, WNIK, Arecibo (w)
- 1240 R. Barahona, HICV, Barahona (s)
- 1250 La Voz del Progreso, HIBC, San Francisco de Macoris (w)

- 1260 R. Tropical, HIT, Santo Domingo (g)  
 1270 R. TV Dominicana, Santiago relay<sup>(w)</sup>  
 1280 R. Centre, WCMN, Arecibo (w)  
 1290 R. Puerto Cabello, YVLF, Puerto Cabello (w)  
 1300 R. Radio, HIKQ, Santo Domingo (g) but R. Bani splash  
 1310 R. Bani, HIAV, Bani (s)  
 1320 (splash)  
 1330 La Voz de Aruba, PJALO, Oranjestad (g)  
 1340 R. Centro, HIBZ, San Juan (g) QRM (WUNA-WSTA-CMGU-HJFA-  
 1350 R. Triunfo, HIKZ, Santo Domingo (s)  
 1360 R. Piloto, HJBO, Barranquilla (w)  
 1370 R. Televisión Dominicana, HISD, Barabona relay (s)  
 1380 R. Maibá, HIJC, Santiago (g)  
 1385 The Voice of Bonaire (w)  
 1390 R. Noroeste, WISA, Isabela (w)  
 1400 R. Television Dominicana, HISD, San Juan relay (g)  
 1410 R. Tricolor, HIAE, Santo Domingo (g)  
 1420 WRM (afternoon)  
 1430 R. Tiempo, WNEL, Caguas (w)  
 1435 R. Kelkboom, PJA5 (g)  
 1440 R. Progreso, HIAK, Santo Domingo (s)  
 1450 R. San Cristobal, HIAR, San Cristóbal (g)  
 1460 R. Laguna, HIAN, Hato Mayor (g)  
 1470 R. Azul, HIAG, Santiago (w)  
 1480 La Voz del Oriente, WMDD, Fajardo (w)  
 1490 R. Azua, HIKF, Azua (s)  
 1500 R. Hoyer, PJC7, Willemstad (w)  
 1510 R. Nagua, HIBL, Nagua (w)  
 1520 R. Pueblo, HIBL, Santo Domingo (s)  
 1530 WUPR, Utuado (w)  
 1540 ZNS, Nassau, Bahamas (w)  
 1550 R. Café, WKFE, Yauco (g)  
 1560 R. El Mundo de los Minas, HIFP, Santo Domingo (w)  
 1570  
 1580 R. Samaná, HIWJ, Samaná (w)  
 1590 R. Unión, HIAJ, Santo Domingo (s)  
 1600 R. San Pedro, HIBS, San P. Macoris (w)

Nighttime

- 540 R. ABC, Santo Domingo (s)  
 550 WPAB, Ponce (g)  
 560 R. Rumbos, YVLK, Caracas (g)  
 570 R. Cristal, HIMS, Santo Domingo (s)  
 580 QRM (YVMJ-WKAQ-  
 590 R. Continente, YVKL, Caracas (g)  
 600 QRM (WAEL-HJHJ-CMKV-  
 610 QRM (VPL6-YVSE-HJKL-  
 620 R. TV Dominicana, HISD, Santo Domingo (s)  
 630 QRM (WKYN-YVKA-HJDF-CMQ-  
 640 QRM (YVQO-HJBJ-ORTF-  
 650 R. Universal, HIAT, Santo Domingo (s)  
 660 Ondas de los Médanos, YVNA, Coro (g)  
 670 R. Rumbos, YVLL, Caracas (g)  
 680 WAPA, San Juan (w) QRM  
 690 R. Guarachita, HIAW, Santo Domingo (s)

- 700 R. Popular, YVMH, Maracaibo (w)  
 710 WKJB, Mayaguez (s)  
 720 QRM (YVQR-HJAN-RJR-  
 725 Suriname (g)  
 730 Broadcasting Nacional, HIZ, Santo Domingo (s)  
 740 QRM (WIAC-YVNC-  
 750 R. Caracas, YVKS, Caracas (g)  
 760 QRM (WORA-HJAJ-4VI-R. Demerara-  
 770 R. Puerto la Cruz, YVKO, Puerto la Cruz (g)  
 780 R. Barbados over QRM (g)  
 790 La Voz del Tropico, HIL, Santo Domingo (s)  
 800 Trans World Radio, PJB, Bonaire (s)  
 810 WKVM, San Juan (g)  
 820 R. Ocho cientos diez, YVLP, Valendia (w) QRM  
 830 QRM (YVLT-HJDM-CMCA-Belize-  
 840 Ondas del Caribe, HJBI, Santa Marta (w) QRM  
 850 QRM (WABA-YVLD-HJKC-  
 860 Servicio Cultural de R. TV Dominicana, Santo Domingo (g)  
 870 R. Libertador, YVKU, Caracas (w)  
 880 R. Lara, YVMP, Barquisimeto (w)  
 890 R. Continental, HIJP, Santo Domingo (s)  
 900 La Voz de Cali, HJEY, Cali (w)  
 910 R. Aeropuerto, YVRQ, Maiquetia (g) QRM  
 920 QRM (HIBA-PJA6-YVQX-  
 930 R. Antilles, Monserrat (g)  
 940 R. Punto Fijo, YVNN, Punto Fijo (g)  
 950 R. Difusora HIG, Santo Domingo (g)  
 960 QRM (HJHN, YVRB-YVOO-HIFF-  
 970 WIVI, St. Croix, Virgin Islands (w)  
 980 QRM, (YVND-HISA-HJES-YVMR-  
 990 QRM (WPRA-HJDS-  
 1000 R. Mil, YVNM, Morón (g)  
 1010 R. Comercial, HIJP, Santo Domingo (s)  
 1020 R. Margarita, Porlamar (g)  
 1030 QRM (YVTD-HIDL-WBZ-  
 1035 4VEH, Cap Haitien (g)  
 1040 R. Central, HION, Santo Domingo (g)  
 1045 Ondas del Canajagua, HOJ2, Las Tablas, Panamá (w)  
 1050 QRM (PJL3-HLOB-YVKZ-  
 1060 QRM (YVOE-CMDD-CMBQ-KYW-  
 1070 QRM (YVKW-HIBI-HJAH-HJCG-  
 1080 QRM (YVQJ-4VA-WLEY-  
 1090 QRM (WRJS-HJBC-YVPC-  
 1100 R. Reloj, HJAT, Barranquilla (w) QRM (YVKE-YVOP-  
 1110 QRM (YVQT-WVJP-HIMH-WBT-  
 1120 QRM (HICN-YVMF-KMOX-  
 1130 QRM (YVRU-HJCO-WNEW-  
 1140 WRVA, Richmond, Va. (w) QRM (WITA)  
 1150 Onda Musical, HIAS, Santo Domingo (g)  
 1160 QRM (HIDE-YVSD-YVRR-HJCK-  
 1170 QRM (WLEO-HJDP-WWVA-  
 1180 The Voice of America (s) over R. Mil (WHAM-YVOR-  
 1190 QRM (HJCT-WOWO-HJCV-  
 1200 R. Tiempo, YVOZ, Caracas (w) over QRM (HIDV-CMKD-  
 1210 WCAU, Philadelphia, over some QRM (HICJ-WHOY-CMHH-YVMN-  
 1220 R. HIN, Santo Domingo, over some QRM (HJFV-HJKR-  
 1230 QRM (WNIK-CMJX-YVNT-  
 1240 R. Barahona, HICV, Barahona, over QRM

1250 QRM (HIBC-HJAO-WDAE-  
 1260 QRM (HIT-WISO-YVRY-  
 1270 Reloj Nacional, CMJG, Camaguey, over QRM (HISD-PJAB-  
 1280 QRM (WOMN-HJKN-  
 1290 QRM (YVLF-CMKF-  
 1300 QRM (HIKQ-WTIL-  
 1310 R. Banf, HIAV, Bani (s)  
 1320 R. Uno, WUNO, Rio Piedras (w) over QRM (YVSG-  
 1330 QRM (HIDB-  
 1340 QRM (HIBZ-WUNA-AFRTS-  
 1350 QRM (HIKZ-  
 1360 WKAT, Miami (w) over QRM (HISD-HJBC-  
 1365 Emisora José Antonio Galán (g)  
 1370 R. Televisión Dominicana, HISD, Barahona relay (g) over QRM (WIVV-  
 1380 WLCY, St. Petersburg (w) over QRM (HIJC-  
 1390 QRM (WISA-  
 1400 QRM (HISD-HIAL-HIBN-WVOZ-HJAZ-HJBK-  
 1410 QRM (HIAE-YVST-WMYR-WING-  
 1420 (WEUC-ORTF-  
 1430 (WNEL-HJBZ-  
 1435 R. Welkboom PJA4 (g)  
 1440 QRM (HIAD-HIAK-  
 1450 R. San Cristóbal, HIAR, San Cristobal (b)  
 1460 QRM (HIAN-WFBA-HJAL-  
 1470 QRM (CMGE-  
 1480 La Voz de Oriente, WMDD, Fajardo (w)  
 1490 R. Azua, HIKF, Azua (g)  
 1500 QRM (PJC7-2-WMNT-WTOP-  
 1510 WLAC, Nashville, (w) over QRM (HIPS-  
 1520 R. Pueblo, HIBL, Santo Domingo (g) over QRM (WHAI-HJLQ-  
 1530 WOKY, Cincinnati (g) over QRM (WUPR-  
 1540 ZNS, Nassau, Bahamas (g)  
 1550 QRM (WKFE-WQXR-  
 1560 QRM (HI -WRSJ-  
 1570  
 1580 WSRF, Ft. Lauderdale, Fla (w)  
 1590 R. Unión, HIAJ, Santo Domingo (g) over QRM (WXRf-WOKC-  
 1600 QRM (HIDA-HIBS-WLUZ-

Late XERF, Ciudad Acuna

While Radio Tanzania  
 is supposedly operating  
 with plenty of power,  
 it is a very difficult  
 catch because of QRM &  
 propagation problems.  
 This reception was the  
 result of many nights of  
 monitoring the channel;  
 QRM from South Africa  
 made it even more fun!

Dear Sir,

Thank you for your reception report  
 dated March 4 1968 on our 6.35 Kcs  
 transmission which is confirmed

Power 100 Kw

Aerial 400 ft Mast Radiate:

Yours faithfully,

A. P. M. Z. A.  
 CHIEF ENGINEER

RADIO TANZANIA  
 P. O. Box 991  
 DAR ES SALAAM, TANZANIA

Gordon P. Nelson

19 Lane Ave

Watertown

Mass. 02172

CR6 - RZ

Emisora Oficial de Angola-Lusanda

This was your reception  
 of our program broadcast on the

8 11 965 from 2358' 0100 AM  
 on 872 Kcs B. E. Power 10KW

With many thanks  
 and best regards

*Américo de Sá*  
 DIRECTOR

Please include in your future reports  
 the number of the Q. B. L. cards you  
 use from us

N.º 9 - COLEÇÃO A

Exmº. Senhor

Gordon Nelson

19 Irma Ave

Watertown, Mass. 02172

U. S. A.



CR6RZ, Emisora Oficial  
 de Angola, is just about  
 the only station affording  
 the DX'er a chance for this  
 very rare country. This  
 first reception occurred  
 because my attention had  
 been drawn to the carrier  
 by the SAH-scope. Now on  
 1088 with increased power.

Radio Clube de Mozambique  
 on 737 is audible only at  
 midsummer because of RNE  
 QRM and seasonal effects.  
 Reception at this unlikely  
 date was predicted by the  
 E20 computer program.

RÁDIO CLUBE DE MOÇAMBIQUE

"The Station for Happy Listening"

Caixa Postal 594

Laurenço Marques

We have pleasure to confirm your  
 report on 2nd August, 1968,  
 on frequency 737 Kcs

Call Sign . . . . .

Transmitter power 50 Kw.

Remarks

*Thank you for your report.*

Thank you for your report.

Mr. Gordon P. Nelson

19 Irma Avenue

WATER TOWN, MASS. 02172

U. S. A.

