



DX News

G. DEST
MEDIUM WAVE
DX CLUB
Established 1933

3-4 issues per year
\$13.25 Airmail
\$10.00 First Class
\$7.50 Third Class

OFFICIAL PUBLICATION OF THE
NATIONAL RADIO CLUB

P. O. BOX 99
CAMBRIDGE, MASS. 02139

VOLUME 37

JANUARY 10, 1970

NUMBER 15

in this issue

DXer's View of Brazil - Pete Taylor

Supremacy Ratings - Norm Maguire

new members

*H.L. Collins, Jr., PO Box 61121, Houston, Texas, 77061

*Robert Ligon, 346 Birch St., Akron, O. 44301

*Stuart L. Luhn, PO Box 1013, Sanford, N.C. 27330

*Bill Peek, Box 1822, Roanoke, Va. 24008

*Ronald Ponke, 8079 Dale, Centerline, Mich. 48015 (rejoins)

Welcome to the NRC, gentlemen, we hope to be reading your reports often here in the pages of DX NEWS.

last* class mail

*Least? Lost?

"I've had it! Third Class is for the birds. I missed 5 DX'es this past week on account of receiving late bulletins (9 days late). You'll find a check for \$10.00 for First Class for the next year's dues. Instead of the Government increasing the postage, they ought to decrease it on account of the poor service..." (Frank Wheeler)

With the continuing decline of Third Class postage service, more and more of the membership is renewing First Class - 4 out of every 5 members now get DX NEWS by First Class or Airmail. Third Class delivery during this past holiday season seems to have been slower than ever before - our local postal authorities advise us that items mailed via Third Class before Christmas can easily take 10 weeks for delivery - and possibly longer! So if your 12/20 issue has not yet arrived, stick it out for a bit longer; if it still doesn't show up, drop a note to HQ for a replacement.

Some of our new members who joined before Christmas have reported that they have not yet received their New Member kits and/or NRC Domestic Logs. These items appear to have gotten tied up in the holiday crush; if they don't arrive in a reasonable time, please contact HQ.

nrc on the air

The NRC's first regular scheduled program on BCB DX'ing will be aired on January 29th over Radio Nederland; word just in from Hilversum says that this pgm will be relayed by PJB! More info next week...

SPECIALS

		kc/s		watts	A.M.-E.S.T.	Info:
Mon. Jan. 19	C B A	1070	Sackville, New Brunswick	50,000	1:00 -	NNRC
	W I S V	1350	Viroqua, Wisconsin	1,000	1:01 - 1:15	N R C
	K C M J	1010	Palm Springs, California	1,000	3:15 - 4:15	IRCA
Mon. Jan. 26	K A W L	1370	York, Nebraska	500	1:01 - 2:05	N R C
	W E N D	1580	Ebensburg, Pennsylvania	1,000	2:30 - 4:00	N R C
	K B I G	740	Avalon, California	50,000	5:00 - 6:00	IRCA
Mon. Feb. 2	C B A F	1300	Moncton, New Brunswick	5,000	1:00 -	NNRC
Mon. Feb. 9	W C V R	1320	Randolph, Vermont	1,000	1:00 - 2:00	N R C
Sun. Feb. 15	W S N O	1450	Barre, Vermont	1,000	1:00 -	NNRC
Mon. Feb. 16	W H B C	1480	Canton, Ohio	5,000	2:00 -	NNRC
Mon. Feb. 23	W C V R	1320	Randolph, Vermont	1,000	1:00 - 2:00	N R C
	K F I R	1370	Sweet Home, Oregon	1,000	3:30 - 5:30	IRCA

CBA - Reports to Robert Beaulieu - Information Services - Box 950 - Moncton, New Brunswick. (Same for CBAF on 2/2). No program info at hand.

WISV- This will be a frequency check, using cycle tones and voice IDs, and they want reports! Send them to Mr. Verle Erickson - WISV - Viroqua, Wis. 54665. The tone ought to penetrate through the all-nighters in the East and the Western stations still on regular schedule. INFO from BOB HOSTETLER

KCMJ- They will be testing their daytime facilities. Reports go to Mr. Jerry Condon, Program Director, KCMJ, Palm Springs, California, 92262. They'll use missile-of-the-road music and frequent IDs. (Paul Lots of, IRCA)

HEARD SINCE LAST ISSUE

600	C B N A	St. Anthony, Nfld.	NRC 1230	C K Q R	Castlegar, B. C.	NRC
610	C K R W	Whitehouse, Y. T.	NRC 1340	C K G F	Grand Forks, B. C.	NRC
1140	K L U C	Ex-1400	NRC 1500	W D E E	Ex-WJTB, Detroit!	NRC

"AN" SITUATION

560	W E B C	AN-6	1150	W G O W	AN-rr, SPU	1450	W D L B	SPU
	W H B Q	AN-6		C K X	AN-6 off SM	1470	W O H O	AN-6
600	K S J B	AN-6	1290	K T R N	AN-6, off MM	1480	W I S M	off lam
870	W W L	NSP ?	1380	K W K	NSP	1540	K X E L	NSP
			1430	W I R E	NSP c/w			

ABOUT ADDRESSING YOUR MUSINGS REPORTS

Some have been using different methods of addressing their envelopes to us here in Brooklyn. This is a three-family house, and the postman isn't going to know where to deliver "Musings Typewriter" or "National Radio Club" or "Editor", so please address the envelopes just simply: Ernest R. Cooper

438 East 21 Street

Brooklyn, N. Y. - 11226. Thank you.

ERNEST R. COOPER - 438 East 21 Street - Brooklyn, New York - 11226

Two veries, both Colombians: HJER-1025 R. Pacifico, and HJHN-960, v/q, R. Sutatenza, my 30th & 31st from that Republic. DX: 12/25- YNG-555, R. Tic-Tac, AN & very strong for a report; relayed R. Libertad after 2am. Very weak SS on 995, I couldn't go 'em due to WINS-1010 slip from their news ticker. R. Managua-953A logged for a report, 12:48am to 1:06 & on. Swiss-1562 was very good this AM w/c1 mx, 1-2am, & a second try to verify them. Another very weak SS on 1145A AN, slopped off the dial by WNEW. Another weak SS on 606A, AN, unID. A trio of SSES were battling on 620 all AM, w/no domestics noted. New WWLE-1170, Cornwall, N.Y. logged off/on Christmas afternoon, very weak & fady, like a long-distant signal at night in Sumner. An unusual effect was the ABC NX @ 4pm, on WWLE/WWVA together - sounded like two men talking, w/the split-second difference in timing - try to hear this, area members - it's fascinating! MM 12/29- WRYT-950 is unfair to DXers! They held our attention whilst we may have missed out a lot of good DX, hi! A really top-notch, Boston boys! Thanks for airing me @ 3:55 so. WKND-1480 in fine, w/nice NRC plugs, & new log, WWSD-1090 TEST @ 4.

MUSINGS of the Members

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

JAY MURLEY - 1733 Candlestick - Newport Beach, California - 92660

This Musing was going to be devoted to how poor DX is at Christmas time when the red and green loop base migrates from my den to the living room to support some seasonal foliage. And how if you're building a loop for the first time and you too get sick of carpentry and substitute a Christmas tree base for the other contraptions - why, don't expect to do much listening this time of year unless you break down and buy a second stand. Which I did, after realizing there are few friends I can con into holding my stand upright after I chased a few TAs, tipped by Don Kenney (See IDXD). Two key results of week: 1) I got a TA carrier & a TP carrier, each with snatches of audio on the same night, a first for me. 2) I filled out my first Foreign FDXC entry for the Fish. Now I hope he can read it! Well, the first 25 or 30 on entry two will be easy enough - but the problems in logging five more in the BCB 500s may require a pirate IDING as Nibi-Nibi, hi! But I don't favor lowering the minimum frequency in the 500s - that puts us budget RX types at a further disadvantage. Isn't Radio Rumbo -525 in Cartago, C.R. still TICAL w/250w? ERC's old typewriter ain't so bad - who needs some \$800 job? But I bet he wishes a few Musers like this one used a typewriter - any typewriter!

DON KENNEY // Box 1668 - Santa Monica, California - 90406

DX CX seem to have resored themselves after the drop off in early November. Several TA carriers have been noted, although nothing much in the way of audio. The IPRP on 540 was noted again last night. I had a very enjoyable visit w/Jay Murley and Glenn Hauser. I also enjoyed the Fall get-together at W. Sacramento. I almost developed delusions of adequacy at pool until I came back & got trounced by some of my non-DXing friends. The FDXC has turned out to be a fine contest. I've completed one foreign sheet, & I think I can eke out a second, but beyond that, I don't expect much. The big problem is 540-599 & 1500-1600 isn't all that easy either. Fortunately, living near the Mexican border, most of the blocks aren't too bad. Finally I finished my keypunching for the NRC Log. I may volunteer for another page or two later, after I recover to the point that I can stand the sight of a punched card. Perhaps now I can get a few reports out and perhaps write up an article or two. I would like to take this opportunity to confirm the suspicions of EC DXers that Alaska does not exist. I haven't heard an Alaskan for two years here, & it isn't for lack of trying. For that matter, if it weren't for 4QD-1550, I'd have my doubts about Australia. (I also suspect Chile and the Philippines of being mythological). I would appreciate any data that EC DXers can give me on strengths of African signals relative to Dakar-764 and Freetown-1205 which occasionally make it to the WC. I'm particularly curious about Cape Town - 728. 73 & good DX.

RICHARD E. WOOD - U. of Hawaii - Dept of Foreign Languages - Honolulu - 96822

Mixed among the Christmas cards came the following veries: KOZN-660 Neb., first from Hawaii; KYW-1060, first from Hawaii; it is always nice when a big clear channel station takes time out to send a personal v/1; KACI-1300 Ore., beaten for distance record by Japan; KONA-610 Wash., most distant; WING-1410 O., first from Hawaii, tough had one from a ship off the Islands; KHAP-1340 N.M.; KPOD-1310 Cal., most distant report; KDUN-1470 Ore. likewise; WNBC-660 N.Y. first from Hawaii since records kept; KNPT-1310 Ore. Reports are out to some new Cal's which have taken my heard total from that state up over the 125 mark, where it had been static, to 129 now: KIRV-1510 for TEST which made it quite well despite KGA w/50 times the power; KWSO-1050, KOFY-1050, KCTY-980, also earlier heard KLOK-1170; plus reports to KGAK-1330 N.M., KACI-1300 Ore., KERG-1280 Ore., KGPC-1340 N.D., KLIJ-1310 Ida. for TEST which came in very well on all three

powers used, even w/semi-local KNUI plus KRIA on air, KSEI-930 Ida. CX towards the end of December were perceptibly better than November & early December.

ROGER W. WINSOR - 718 North Fremont Road - Valparaiso, Indiana - 46383

All I can say about that much-hullabalooed 12/22 was -----.
What a bust! Static even, in Dec, hi. Oh well, things have been good on the whole as follows: 12/12- KADL-1270 Ark. logged on SSS w/c/w, NX 5:48-6 s/off. 12/13- WFST-600 Me. r/c-TT 1:06-1:08 weakly. UnID TT-1130 w/WNEW off all AM, WNEW, or someone else? MM 12/15- WGMF-1500 N.Y. r/c-TT 12-12:15; het on 1030, maybe a TA, but unk. KXEO-1340 Mo. r/c-TT 2:05-2:20, WHBQ still NSP, WJPF-1340 Ill. r/c-MoR 10 o/S-9 covering that spot, if you can imagine such a signal on a graveyard. KKIS-990 Cal. finally IDed @ 2:45 w/local spot u/o KTKT. **KGMS-1380** Cal. logged 3:02-3:05 s/off, reported. KTRG-990 Hawaii w/PSA, then local ID @ 3:30. Much KTKT/unk TT QRM. KLZ is now NSP also completely cluttering up 560. Glad I bagged KSFO when I did. KZOO-1210 also heard @ 3:40 @ 3:40 w/JJ program briefly. Two new Hawaiians in one AM, not bad. Steel guitar mx on 940, perhaps KAHU, but no ID heard. WHHO-1320 on TEST w/much WILS QRM 4:02-4:21 fadeout. REW, is 1090 CP on yet? Hawaiian mx heard @ 4:30, no ID, & this one has me baffled; looped E/W. 12/16- Log on non-verifier KLCN-910 Ark. 5:32-5:45 s/off w/booming signal. 12/17- WAMY-1580 Miss! ET/AN 1:40-2:05 logging. WJPS-1330 & WEAW-1330 ETing @ 2:15. WKOL-1570 N.Y. on w/TT/OC, IDed @ 2:24, much CKIM/XERF. WYXI-1390 Tenn. f/c 2:30-2:45 w/phonetics, many IDs. KULY-1420 Kans. TT/r/c 2:45-3 in very well w/XER QRM, AN for Christmas, I guess. XERX-1560 also AN. 12/18- I finally bagged WIDG-940 Mich. 5:47-6 s/off, KWTO-560 Mo. e/excellent signal 5:32-6 DA change. WIND is just 11 miles W of me. 12/21- KPNW-1120 Ore. finally IDed @ 11:10 ending NX, CJSS-1220 s/off 12/22 @ 12:02 w/GSQ. WGAR already off @ 12 exactly. WKSK-1600 N.C. f/c heard 12-12:30, new time for them. WJWL-900 & WAGM-950 TESTS much too early to be heard - bad timing there. 1530 had an unk ETer all AM w/Ray Stevens mx, other MoR, no IDs. WOOK-1340 on AN sked logged @ 1:08 w/local spot, jingle. No WJDA-1300, darn it. KXRB-1000 TEST L&C, umm. KLIIX-1310 2:55-3 only. WPAC-1580 ET 4:07-4:16 off. Veries: WLLL KPCR WCER KRCC WCCW v/1; v/c WHBQ, v/PP- WSPT, v/f CJOY.

BILL RACZKO - 3015 Lincolnshire Boulevard - Toledo, Ohio - 43606 (419-531-4036)

Hi. It's been quite a while since I had a Musing, so here goes:
 DX: 12/14- KKIN-930 testing @ 1:20am. 12/15- WFMD-930 @ 6pm, WLAP-630 @ 6:17pm. 12/18- WHAK-960 @ 6:45am on car radio. 12/22- Andorra-818 (country #51) @ 1:18 am, RNE-737 @ 1:26. I also noted w/very good signals: BBC-881, CSA3-665, CSB9-782, WDR-1586, ORTF-1554. None of the 12/22 TESTS was heard. What good are CPC programs if they aren't on? I think more should be done to improve DXer-station relationships than try to schedule DX programs that don't even come on. Verie: KFH v/q. RX here is a Lafayette KT-340 w/an 80' longwire (no loop). Just recently I realigned the RX & brought another Q-multiplier. So, I have one internal & two external Q-multipliers now. Also, the NRC audio filter is a great asset when listening to TAs, etc. It greatly reduces TVI & hets, and is well worth the \$10 to build it. NEW YORK in '70! Peace.

MIKE HARDESTER - 401 Birchwood Court - Modesto, California - 95350

And the veries keep right on a-comin': v/q- CBE-1550 KOAM-860 (State #35) KIRO-710 WOKI-1550 (State #36). v/f- CHUB-1570 CHQR-810. v/1-CM-KKJO-1550; & KMER-950. Recent DX: 12/15 AM- Poor CX, all EC stations absent. By 3:30 the entire band was covered w/static. Only bright spot was CBXQ-540 in Ucluelet, B.C., LPRT relaying CBU @ 3 w/fair signals. No sign of 12/18 & 12/21 TESTS. 12/21 AM- KBOW-550 NX @ 3, good signals, slight QRM from KAFY. KWIZ-1480 w/old rr @ 4 & ID @ 4:14, no QRM & good signals. CX were generally good on the entire band. 12/22 AM- KWJJ-1080 w/TEST @ 3:10 w/excellent signals. KOMO-1000 wiped out any chance of KXRB TEST. KLIIX-1310 w/SID @ 3:16 & very poor signals - KCPX-1320 w/heavy slop. WKIX-850 slipped in @ 6:23 but out by 6:28, only second time heard. KFKF-1540 has SP MMs @ 4-9am per s/off. 73 & Happy New Year.

PAUL KILROY - 2113 Fort Davis Street S.E. - Washington, D.C. - 20020

To date, one verie in, VOA-1196. I also filled out my WWV Survey card & recommended the broadcasting of the Fredericksburg A index. I hope others will do likewise. The more support, the better the chances of having this enacted. DX: 12/18- Many TAs in this night, BBC-1088 pushing through WBAL. RNE -683 was S-9 plus @ 12:40am. CSB2-1034 likewise @ 1:10. Others: BBC-908 had commentary @ 1:02am. RNE-854 chimes @ NX @ 2, first time here due to persistent TV sweep harmonic. 12/21- No VOOM or CFNB TEST heard. UnID AA chanting on 908 @ 2:20am, unk if BBC. 12/22- HNL was fantastic. Locally it was raining. No WJWL or WJDA TEST heard. KXRB-1000 TEST came on very well 1:47-2:05am, some QRM from R. Mil made the use of the loop mandatory. Morocco--935 strong @ 2:10am. BBC-1052 w/commentary @ 2:22. KWJJ TEST, if on, was obliterated by WTIC/WKLO combo. A persistent 1k TT on 1310 ruined all chances for KLIIX. Station testing was semi-local. From 3:55-4:30am, R. Anguilla-1505 barely made it through the 20/9 static. Some mx & two IDs were in the clear. Static ruined what otherwise would have been a good signal. Taped report had to be sent. If KXRB verifies, it will help even up the Heard-Verified State totals to 46/44, leaving Vt. & Ore. the only stragglers. 12/25, two new N.C. stations heard, WIXE-1190 @ 5pm u/WOwo w/Christmas mx & WFTL-870 s/off 5:12pm with "Our Father". 12/26- Finally, Libya -1124 5:43-5:55pm w/AA mx. A check w/local WPGC-1580 Md. says their new power increase to 50kw is FM only, no change in AM operation is contemplated.

RICK EVANS - Box 1988 - Gary, Indiana - 46409

Greetings. Latest DX: 12/15- KXEO-1340 Mo. r/c 1:05-1:20; WJPF-1340 Ill. r/c-mx 1:40-1:50; KWOY-1410 Wyo. noted on r/c but unkn so I didn't stick around; WHHO-1320 TEST w/WILS poor 4:03-4:15; WQXL-1470 S.C. ET w/c/w heard 4:25-4:35; CHOW-1470 Ont. s/on 5:32, seems to be a regular here as heard several times since; WPZE-1470 Va. r/c 5:45-6. 12/17- WKBJ-1600 Tenn. r/c 2-2:15; KULY-1420 Kan. r/c 2:45-3; WYXI-1390 Tenn. 2:36-2:45 r/c u/WNUS poor. 12/22- WTCW-920 Ky. ET 12:25-??; KXRB-1000 S.D. TEST heard 2:07-2:15 off, thanked WCFL for not testing at that time; KLIIX-1310 Idaho on TEST very poor u/unk tester plus WIFE, ID heard only @ 2:58 nailed State #47 heard; the unk tester on 1310 sounded like he was in my backyard; KTFM-1400 N.M. r/c poor 3:30-3:45 for one of my best graveyards; WPAC-1580 N.Y. ET w/Christmas mx heard 3:58-4:16 s/off; WITZ-990 Ind. testing w/TT, ID heard 4:30, umm. Totals here now 877/412. I doubt I'll reach my goal of 900/500 by 1/1/70, hi. Veries: v/1- WSRF KLIK KTHH WCCW WEAW (not normal Xerox copy) WAOK WRBL KRCC WBEJ WJPF KVOP. v/c- WDAK KORL CHOW WHN WHBC (v/q, no? -ERC) v/PP- KGLC. All times above, AM. I will be up to Dad's for Christmas so no chance w/CJRC TEST. I sure wish that those arranging CPC TESTS would remind stations to keep the IDs short & simple rather than long & involved, as many of us do not have tape recorders. Some of the IDs lately on TESTS seemed like they ran five minutes each, and are rather hard to copy by hand. KXRB was one example. 73 & a Happy New Year.

KEN LYON - 9415 Goodrich - Clarence Center, New York - 14032

I tried for only one TEST 12/22, WAGM, which wasn't heard, so I went to bed as I was very tired. DX this week includes: 12/22- CKSO-790 heard briefly @ 6:04pm w/NX, quick fadeout; WGBI-910 @ 8:15pm w/c/w, much slop from CHML. 12/24- WACE-730 heard @ 4:14pm s/off-SSB, in very well. WJML-1110 heard @ 4:51 pm w/Christmas mx u/WBT, WTSN-1270 heard briefly @ 5:32pm w/Christmas mx, no sign of WXYZ. KADL-1270 heard @ 5:49pm w/IX, quite a surprise u/WXYZ. On 12/23 I had a nice time at Fred Osterman's house with old & new DXers. I saw Chuck Rdrer for the first time since Summer. Two veries this week, CKVL sent a nice v/q, WLAP sent v/1, rate card, and a booklet about the station. C U later.

EVERETT JOHNSON - 504 16th Street - Mendota, Illinois - 61342

Hello to all, and a Happy New Year. Yes, I am still alive but very little DX has been done the past year. DX just isn't too interesting w/so many AM stations on the air now. I've been up a couple of AMs this week but no-

6 thing new heard. The only station heard on the BIG DX MM was KXRB-1000. I did not need only around three or four of them. Christmas AM I DXed trying for a few Canadians & CJRC was on if FF. CHSC-1220 AM. 1550 TT but no voice. 1530 had WLCB Moulton, Ala. r/c-TT, 2:45 on. KPNC-1560 s/off every AM @ 3. 12/28- Two TTers on 1550 till very late. One gave ID but I could not make it out. It sounded like a Q on the end, W--Q. I cannot find any in Log book. KKJO-1550 s/off @ 2am SM. CKX-1150 s/off 3 SM. KSAL in @ 6pm, 1150. KPDI-1070 in strong @ 6:10pm. Thanks for the many Christmas cards. No veries since last June from WRYT TEST. Well fellows, I will try to get a little more DX in if hours at the plant slow up. So till next Muse the very best DX in 1970 & Happy New Year.

BOB SHAW - 234 Columbus Street - Elyria, Ohio - 44035

Hi all - I made the oversight of not having the bulletin address changed for the holidays, the last three are sitting at OWU. I thought I'd write & make sure you're still publishing, hi. Actually, I'm mentioning it because some of these MJ catches may have been Specials without realizing it. 11/26- WTHC-1340 poorly, 5:55pm. 11/28- Big surprise in KPFE-940 weakly u/WINZ 2:29am w/Peggy Lee, WINT-1270 5:58pm o/WXYZ w/ads for Thomasville, Ga. stores. 11/30- CJFP-1400 FFC in mess @ 1:30am. After two more weeks of school, I came home to find WLRO-1380 on the air; they would have gone on in Nov. but for lack of a copywriter. Running 6am-5pm, they play varied MoR. I had had a hunch they might be c/w but WSLR-1350 remains the only AM c/w station in the area. MM 12/15 - WGMF-1500 r/c as listed. WIST-1240 rr 1:45, AM? I too IDed the 1190 as KRDS; I'd always thought this was un KLIFF & so never checked. This @ 4am, no KEX, hi. CHNS-960 good w/WX 4:08. Unn WCVR & WHHO TESTs noted; no sign of KBRC. WNLC maybe but no go w/WMEK. WHK-1420 off & an unID SS o/WESM there - XEF or who? And who is R. Ondas-750, Cuba, Colombia, or YNX? 12/22- WJWL & KXRB TESTs logged no other, due to WERE WEOL etc. WTCW-920 ET/TT like a local 12:22-12:27 & on. WALE-1400 testing w/jingles & Arlo Guthrie 2:35 to past 3:25, also using Chicken-man. WGGG-1230 w/WX 3:50. 12:30-12:45, a tester on 1530 w/Way Stevens album, anyone know? Was the KCLR TEST on, because from 4-4:30, there was a very weak station u/WCKY OC w/rr, also an unID SS. I heard these unIDs because KXEL was having audio trouble at the time. 12/27- WSVS-800 hashing CKLW to SSS shreds. I was able to null them o/CKLW for UD @ 5pm s/off on portable. MM 12/29- WHYD-1270 ET/TT 12:35. KMMJ-750 beginning ET/TT 1:41. WKND TEST heard, also unns WRYT (hi) WEEL. Where were WONS & WMEN? Also I logged CFOX-1470. I found I hadn't written him down, for Canadian #101. Eleven weeks of DX in 1969 brought only 70-odd new catches. The best: KCBS XETRA KPFE KKJO. Total heard now 1,133. I was pleased to see Tim Davisson again when he stopped in Delaware one November Saturday w/his fiancee. Sorry I couldn't make Akron - I drank all my money. 73, and see you all at Ester.

CARPER SCHOLZ - 3 Somerset Road - Tenafly, New Jersey - 07670

MM of 12/22 yielded the worst noise level I've ever heard outside of August. That, coupled w/WTOP on @ 4 wiped out the Anguilla TEST for me, how about anyone else? I did hear KXRB, however, in the clear, but much RN. I taped a couple of IDs. Other MM DX included: XEOY-1000 @ 1:30, CFFB-1010 for report @ 1:30, WJBK-1500 ETing @ 4, WABJ-1490 @ 4:05, KV00-1170 @ 1:06, WFLI-1070 ETing on day power @ 2:30, WOKO-1460 @ 4:14 - are they NSP now? (No -ERC) KSTP-1500 w/Hi @ 3:30, and an unID-1140 on CST, probably KS00, @ 12:30. This brings the log up to 227 now. No DX for a while, since my other obsession, skiing, has got me in Vermont, till 1/2 - not that I'd mind DXing from there, hi. Recent veries include WHIN-1400 v/l, WGET-1320 v/c, & v/qs- WING-1410 WINZ-940, & WAVE-970. That's all for now - and as they say in Gopher Gulch, Arizona, "KOTA" - Knock Off Those Engrams!"

RONALD J. MUSCO - 16 Chestnut Drive - Windsor, Connecticut - 06095

During the holidays I've found a little time to DX. 11/27 found WEMD-930 Frederick u/the mess @ 5:42pm for Md. #7. Report's been out a month. 11/30- WATE/WTMM-620 both heard around 1 but not enough for a report.

12/1- WNAE-1310 TEST heard 2:05-2:25 @ S-6. Nice card back but no verie info on it. Did you others get the same deal? 12/24- I took a log on WOKO-1460 from 11 to 12. I listened to WOWW-1380 from 12 to 12:30pm for Conn. #32, much better signal than when on 860. Report sent. 12/25, in the wee hours, trying to keep my eyes open I thought I heard the GG on 1586 but faded out by 1:15. In the daytime I heard the relatively new WNTY-990 @ S-9/10, very good here for 500w. Time, 11:50am-1:10pm, report sent. Totals stand at 309 heard w/251 verified. V/q in from WNAE. Nice v/1 in from CKFM. Only verie holdouts for 1969: WFAS-1230 and KECK TEST. What happened with KECK? 73.

RICHARD RICHMAN - 14 East Cheshire Place - Staten Island, New York - 10301

More good DX to close out the year & decade. First, to correct a recent typo: Miss was State #36 heard. Thanks go to Jay Murley & Mike Hardester for info on the NYC stations making it into Cal. Also, thanks to Jay for the "World Tomorrow" net list. Anyone who wants any of the last 54 issues of Broadcasting, just write. DX: 12/20- WLBR-1270 Pa. w/ad & c/w, 4:30-4:45pm. through WADO slop. Also, CHEX-980 Ont. 4:58-5:06pm. Unn WCOY heard w/ET shortly after 12, 12/21. MM 12/22- A station on 1210 w/song "Those Oklahoma Hills Where I Was Born". Got to be KGFN, right? Wrong! It was WAV Ohio w/ET using c/w, 12:25am tune-in. Who was testing w/Ray Stevens album cuts on 1530 @ 12:38-12:45am? Nice catch was WDAF-610 Mo. u/o WIP, 12/24, w/MoR, 1-1:20am. Christmas Eve brought nice SSS gifts: WGWR-1260 N.C. 5-5:03pm all alone. Also, WGOH-1370 Ky. alone w/NX, ad & s/off, 5:10-5:15. Much-wanted WGT0-540 Fla. logged 12/27 & 12/28, on ET, 1:30 tune-in to 2 tune-out. IDs only once every half hour. Three nice ones 12/27 @ SSS: WEMD-750 Md. w/c/w, 3:57-4pm. Also, WBML-740 N.C. u/CBL, w/s/off @ 4:59pm. Big surprise was CAW-680 W.Va. w/c/w @ 5:11-5:15pm, when power must have been cut. Second 980 Canadian in a week w/CKGM Que. o/WTRY w/MoR, 2:03-2:15am 12/28. V/q- WDBJ WSW WNYC WWSA CJET WLBR. v/f- WUFO. v/l- WLFA WAMO (says they usually test 2:00-2:30am MM) WACA. Anybody know the recent v/s for WLAC? I've been trying for years to get a verie out of 'em. Remember, there are 52 MMs in 1970. (And 53 Thursday mornings - ERC)

STANWOOD R. MORSS - Route 3 - Bradford, Massachusetts - 01830

12/15- WNEW off all AM but only WCAR. WISM-1480 tops @ 1:41. WPAC-1580 Patchogue N.Y. c/w 1:50. TT on 990 w/CBW on top till 2:10 s/off. ID u/WOR @ 2:39, but I couldn't make out the test ID even on replay of tape. YVOD, Ecos del Torbes-780, San Cristobal reported 3:58 & on. Cuba-690 w/Arabic mx & talk about South Yemen - different, at least. FM, A WIFY just above 1600 announcing as Tenafly (N.J.?) @ 9pm w/rr & Editorials contest, but nc phone number given. Well, the Snowmobile has killed my DX - Sun. night snowmobile parties all over my stuff. I caught one & extracted \$20 (second choice: court appearance) - carry 20' roll of chicken wire & it slows 'em down, when I catch 'em on a dead end & throw it in front of them. No damage so far - but it's been pure luck, with about 20 acres of raspberries. Chasing them, however, Sun. night at all hours kills MM DX & High Scho'lars in FMs are killing SSS. Fencing doesn't help as they have cut fences, broken posts, etc. See you A.S. (After Snowmobiles). (Stan, you're a mean old man -ERC)

RICHARD CLARK - 4110 Bayview Drive - Fort Lauderdale, Florida - 33308

Well, for Christmas, I have added a new set, an HA-600 Lafayette & a LW Pre-Selector, and I now use SX6a only CCB DXing. On the LW side, BBC-200 @ 8pm very weak & QRM w/a beacon, Azilal Morocco on 209 @ 2:30am. This one was unexpected. I was trying for TFJ Iceland w/no luck. Also check RIF-164 to see how long it stays in for me, 4pm to 4am, very good for a TA. Strongest TA both LW or CCB put together. I think everyone in the E shouldn't have any trouble getting it. I also received Surinam-725 s/on @ 3:45am clearly but never did get an ID out of them. Lang? (Who's he? -ERC) WHBQ-560 @ 1:30 12/21. WTRY-980, Troy N.Y. @ 4:15, then WWSW sent back on the air @ 4:16, then I gave up. I am too close to WWSW antenna. (Please explain, Richard - WWSW in Florida?? -ERC)

8

Well, that's it anyway. Best DX. As I write this letter, I received two more on LW, R. Europe #1 on 180 & Germany on 151 @ 1:45am. That makes six LW stations now. (I printed your LW items this time, Richard, but please remember, the NRC is BCB only, OK? -ERC)

DAVE CARLSON - 302 Bens Drive - Chatham, Illinois - 62629

I haven't Mused for quite a while, so I thought I'd better do so now that I'm home from Western Ill. University for Christmas break. A brief re-intro for newer members: I'm about 19 and have been in the NRC since 10/66. I've logged just shy of 1,000 stations w/some 320 verified - almost all from ST. LOUIS where I lived until this past June when we moved here to Chatham, which is about ten miles from civilization (Springfield). DX up until this past MM consisted of WEKG, WNAE, KXRB TESTS plus an ET (12/23) from KUOM-770. Then MM 12/29 found fairly good CX to the E & I first found CKGM-980 o/everything for report 1:30-1:58am. The WKND-1480 TEST was in/out w/some tester & KBOX, but I did get a report for Conn. #3. It sounded like a pretty good test, w/many NRC plugs. I tuned to unnn WRYT-950 @ 3:52 just in time to hear a call from the Brooklyn Bandit (ERC) himself. KPRC Houston gave WRYT & ERC a lot of trouble! SS u/WKBN but I didn't hear a y R. Cristal IDs although it well might (and probably was) they. (Could have been R. Rumbos, Caracas too, Dave - ERC) I stumbled across the WEAA-920 RLA TEST @ 4:20 - it wasn't in the 12/13 DX NEWS & the 12/20 issue came too late. I hope everyone had a ri hFun time over the holidays (I know I did - hic!) Best of '70 DX to you.

AMN E. Bruce Reynolds - Box A-1408 - CMRI - Sheppard AFB, Texas - 76311

Hi. If anyone in the NRC has a communications RX for sale you might send me a description of the RX & the price. I plan to buy a used RX, preferably a Hammarlund, in the near future. On the local scene, KTRN-1290 is not AN-7 as per CoF list. They are off 1-6am MMs. My log has grown to 239 logged, from 31 states, mostly common catches, but a few of the better ones: 12/14- KAKE-1240 good @ 1:59am, & KISD-1230 rr @ 2am. 12/22- KOY-550 @ 1:05am, KXRB-1000-TEST o/KTOK/XEOY @ 1:49am, WINZ-940 @ 2:29am. CKX-1150 @ 2:37, KLIX-1310 DX through WRR briefly @ 2:54am, KLO-1430 s/off 3:08. SSS- KALF-1510 @ 7:05 pm & KUAT-1550 @ 7:13. 12/24- WMBH-1450 c/w 1:40am & KECK-1530 good @ 9:30am. 12/28- KTKT-990 @ 6:20am, WXILW-950 (never logged in Mo.) @ 6:30am, KFWD-980 @ 6:37am, KHL-930 @ 6:42, KMAN-1350 @ 7:02 & EATM-1590 @ 7:09am. 12/29- WFLA-970 @ 1:30am, CBR-1010 @ 8:31am, & KUAD-1170 @ 8:46am. KSO-1460 is now c/w & in well most nights - still s/off @ 1am. 73s & good DX!

MORRIS SORENSEN - Box 93 - Emsdale, Ontario

I got home to Emsdale a few times in Nov. & am how home for the Christmas holidays. DX has been as follows: 11/1- WHEB-750 N.H. 4:25pm, WHLI-1100 N.Y. 4:43pm. 11/22- WFIP-1500 Conn. 4:26pm, WOI-640 Ia. 5:19pm. 12/20- CJTR-1150 Que. (previously logged as CKTR) 3:31pm, CHRL-910 Que. 4:03pm. MM 12/22- WJWL-900 TEST managed one ID o/CHML/CJBR/XEW @ 12:56am for Del. #2 but that was the only Special that made it here although I tried for nearly all of them. Other loggings that AM: XEMO-860 Mexico, 12:22am, CBU-690 B.C. lam for B.C. #2; a station mixed w/CBU/CMBC giving Los Angeles mailing address must have been needed XEPA but I couldn't get ID. HJBI-840 1:17am - are they usually on this late? (Yes, they're AN, Morris - ERC) CFAC-960 Alta. for Province #9 2:33 am. Now if I only could get P.E.I.! CKCK-620 Sask. @ 2:37am, then @ SSS: WIQT-1000 4pm. I forgot one - XEOY-1000 first noted while trying for the TEST from KXRB which seemingly should have made it w/a good Western skip but didn't. I finally IDed XEOY @ 2:36am. I also had an unID SS either AN or very late on 660 (a rocker w/several mentions of Mexico - XERPM?), 750, & 880. I also noted announcing AN, CHSC-1220 completing the ruin of what up until a few years ago was one of the few remaining open channels. For my LPRT loggings of 10/13 I reported CBEC-1090 Elliott Lake Ont. & CBFR-1140 Matagami Que. & received veryes from the CBC. Others received: v/q- WHEB-750 N.H., WGSN-740 N.Y. TEST, v/1- WATR-1320

Conn., CKDA-1220 B.C. On 1/1/70, CFBR-550 & CHNO-900 in Sudbury will shift frequencies. Anyone who logs CHNO might try sending a report to Charlie Vance, their AN DJ, as he is a former DXer & often mentions DX reports on his show. Recently he mentioned they were received in Germany on 12/12. Best wishes for 1970 to all NRCers! 73.

GEORGE KELLEY - 118 White Street - Belmont, Massachusetts - 02179

A few new catches: 12/22- CKJL-900 Que. s/off heard @ 12:01am in EE. WJWL-900 Del. TEST ID heard @ 12:15, all TT up until that time. 12/26- Unusual logging of CSB9-782 Portugal @ 2:55pm! 12/28- A new pirate on 1200 heard via tip from GPN @ 3:45pm. DF from Gordon, Randy, Ray Moore & myself indicate he is probably in the area of Lynn. The logging of this pirate by Ray in Walpole, and by the strong signal that I get means he is running quite a few watts. NE DXers watch for this one! 12/31- WAFI-1560 Ky. heard @ 2am w/emergency flood programming. Stovenger, Norway-1313 finally heax d @ 2:43am. Woman talking in what sounded like a play. Generally weak, but signal peaked @ 2:43 & 2:45. Most regular TAs weak that night, but excellent high latitude CX prevailed. Traces of Falun-1223 but nothing good enough to confirm that, especially with the Spaniard on th re. Unn Hilversum-746 excellent w/rr @ 2:58. I forgot, Norway is Country #51. It was nice to talk to Frank Waldron & Ernie on the WRYT TEST. This will be a nice, conservative ending. 73. *Love it or leave it? Glad*

JOSEPH FEJA JR. - 150 Robert Place - South Plainfield, New Jersey - 07080

Only one verie has come in since the last report, a v/1 from WIXZ-1360. Virtually all recent DX was from Newark but on 12/21 I managed to have another sunset session at the above location. The following were noted: 3pm s/on WAWZ-1380 (a rather strong local) wiping out a mix of WMLP/WENX. WAWZ had strong hets on 1360 & 1400 when they first came on but then they disappeared. 3:45, CKFH-1430 w/WNJR looped; 4 WSYR-570 weakly u/WMCA; 4:08 WVAM-1430 good; 4:22 WREO-970 o/u WJRZ until power change @ 5; 4:27 WINS-1010 noted w/CFBR mullied; 4:57 WHAW-980 briefly on top w/ID; 5:15 s/off WRIC-540 & WKTE-1090; 5:28 s/off WCUN-1010. From Newark: 12/15- 4:32am, s/on HLDV-1200, 4:40 WHHO-1320 briefly on PSA power of 500w. on TEST - but they c uldn't be heard at all during the 5,000w period which I cannot figure out. 12/17- 1:08am, WAMY-1580 ET/mx w/new 5,000w & 300' tower. WAMY requested collect calls from listeners o/ 500 miles away. 12/22- 12:59am, s/off WTXL-1490, 1 s/off WRCK-1440; 1:05 s/off WJBC-1230, 1:40 WDR-1586 equal to or stronger than WEEZ/WAKR-1590, 1:50 BBC-1088 at a very good level. 1:53 KXRB-1000 very weak at times w/much XEOY QRM on TEST but reported. 12/29- 2am, WKND-1480 TEST stronger than expected, 2:28 CKWW-580 DX weakish, bothered a lot by WKAQ, 2:42 WDAF-610 saying AN-7, 2:50 WQXI-790 & three others noted on the channel (WTAR didn't seem to be one of them) but static & HNL too much to really dig for IDs. 3:11 WABK-1280 AN w/5,000w non-directional due to floods, signal mostly o/CJMS; 3:36 WALE-1400 local-like w/ET w/100 watts & continuous IDs, 3:45 BBC-1457 & other TAs still in, 3:47 WRYT-950 TEST noted rather weakish u/WPEN, 4:06 WWSO-1090 TEST mostly o/WINS/WHN spurs & what seemed to be a TTer at times, & 4:21 CKGM-980 local-like for five minutes & then way u/WTRY during an unsuccessful try for a log. It's interesting to note that the top station on 730 daytime in South Plainfield is WPIK. In nine yeas of DXing from Newark, they were heard once! 73.

ANDREW F. RUGG - 16 Lake Breeze Avenue - Pointe Claire 700, Quebec

Here I am again. New veries are WCVR-1320 & WBXY-1590. New loggings are: 12/22- WJWL-900 TEST difficult through QRM from 12:10-12:55am; 1000k was dominated by XEOY & KXRB was not heard; Anguilla was rendered inaudible by slop from local CFOX-1470; image of CFCF/CKAC together on 1530 ruined the KCLR TEST. 12/29- WKND-1480 TEST barely trickled through CFOX slop; unnn WRYT-950 TEST in very strongly w/Randy Kane's telethon. Although I don't know how Jim Warner has been doing this season I surmise he heard more than I. The way things look now, I could be living in Toronto in mid-1970. 73.



EDITOR:

Russell J. Edmunds

Box 946

Wayne, N.J. 07470

Looks like a big one this time, so in the interests of getting it done on time, no Monday afternoon-received info will be used this week, and extensive editing will take place. One further criterion for selective editing will be that in the interest of immediacy, no info which is more than one month old when it reaches time to type the column will be used. This means that any items more than 3 weeks old when you mail your submission might better be omitted, as it will be here. Finally, may I reiterate that NO info on DX from Mexico, P.R., Alaska, & Hawaii will not appear in DDXD.

We still need volunteers for keypunching the new NRC log. Many of you have asked when it will be available, and the only answer I can give is that it will appear as soon as possible. Therefore, even if you have already done a section of keypunching there are another several to do, and there will be lesser amounts of keypunching to do for updating the final copy. **ALSO: I need one volunteer to type a list of network changes for publication in the bulletin. They are already edited, and need only to be typed on the layout sheets I will provide. It should run about 3 pages. Address all volunteering to me. LON BERMAN, please contact me about the above.**

This time, we have two P. Taylors to work with: Page, and his brother Pat. Therefore, I have made the most startlingly original and devilishly clever decision as to how to keep them straight in the column. That is, I will, after the first listing each, refer to them herein as "Page" and "Pat". Sometimes my own genius astounds even me, hi. Without further ado.....

Ⓜ A Ⓜ

- * 540 WRIC-Va- Was on all AM 12/31 for flood alert. Hrd here 0009-15 (RjE)
- KNOE-La- Hrd all alone here w/rr 0016 1/05, several jingles. (RjE)
- CBLI-On- LPRT hrd here w/ Metro Toronto nx & wx, then s/off 0100-0107 1/3. No local ID's. (Page Taylor, Butler, N.J.) ...nice-RjE
- 560 WQAM-Fl- Hrd 0324 w/ ID in what sounded like test curing SP 12/22 (Paul Hart, Ft. Worth, Texas)
- WHBQ-Tn- 0357 12/22 strong RS, are they NSP? (Hart) Don't know, Paul, as I hrd 'em ard 0330 1/04, so guess they are - RjE
- 580 KMJ -Ca- S-8-9 about 5 min. ending 0322 12/22 (Hart) (Please list states on these, Paul... RjE)
- 590 WOW -Nb- Hrd 0058 12/29 w/ HI & nx. (Mark Katz, Arlington, Ma)
- 610 WDAF-Mo- Way u/WTP but readable 0024 12/31 w/rr (RjE) (RjE)
- 630 CJET-On- Suddenly "popped in" on top here 0430 12/29 w/ no sign of Cuban, whilst looking for WNEG test, which also wasn't hrd.
- * 730 WNAK-Pa- Had ET-TT 0030-0045 w/ ID at close 12/29 (RjE)
- 930 WJWL-De- Hrd on DX TEST, weak u/Canadians, (Page) and w/ID off a TT @ 0005 (Pat Taylor, Nutley, N.J.) Welcome, Pat - RjE
- * WSWN-Fl- 0030 12/22 f/c w/mx and detailed annct. (Hart)
- ** CKAJ-Qu- Hrd w/ this call, ID'ing as "Laurentian BC'ing in St. Jerome CKAJ" at s/off 0002 12/29 (Katz) Hmm. I hrd 'em same time, and thought the call sounded funny. -RjE
- 910 WFPB-Oh- Unn, here, but hrd 0330 12/15 w/ID. Still 100 watts? (Pat) Yup- RjE

- 920 WBAA-In- Hrd on TEST 12/29 0400-0425 in/out w/CKCY (RjE) Same, 0400-0410 (Page) Solid 0415-0430 (Fish, Nebraska)
- WMEG-Fl- Hrd w/ HI 0204 1/04 (Page)
- 950 KPRC-Tx- Hrd w/rr & ID just ahead of WRYT's late s/on 0117 12/29(RjE)
- WRYT-Ma- Hrd w/ most enjoyable TEST ever, would've listened all AM, except for other TEST's. As it was I kept switching back and forth. Logged 12/29 0119-0143 (RjE) Likewise in every aspect, logged 0140-0200 (Page)
- 980 CKGM-Qu- Hrd here, unn. but rare 0251 12/29 (RjE)
- 1000 WREM-Ky- Hrd w/ ET-TT 0245-0315 12/29 (RjE) Hrd before KXRB TEST 12/22 w/ ID 0126 (Pat)
- KXRB-SD- Hrd w/ 2 ID's, one at 0150 (12/22) and again 0152 u/bad XEOY QRM (Pat) Hrd w/ ID's 0150 & 0212 (Past listed s/off) u/XEOY (Page) Not hrd by RjE DUE to XEOY, hi, and that w/ a loop, no less, tho' I gave up early, hi.(RjE) Hrd ID ard. 0100, TT's u/ noise, XEOY (Carter Scholz, Tenafly, NJ) Welcome to DDXD - RjE ... TEST hrd 0145-0216 in well w/ ID's, phone call from Wash. state. (Dave Fisher, Lincoln, Nb.)
- 1010 KLSA-Ar- Hrd way u/WINS OC & CFRB mx 0330 12/29, but no report(RjE)
- X 1090 WMSD-Fl- TEST hrd wk u/ TT & Het from Colombian 0400-0408 12/29, readable and taped nonetheless (RjE) Hrd w/ great difficulty due to low-cycle het 0413-20 (Page)
- * 1060 WDE-La- 12/22 testing w/ tones, voice ID's 0400-0500, can't see how anybody can miss hearing this one (Hart) Then you can't see KYW and NSP CJRP, hi -RjE
- * 1070 WFLI-Ft- ET w/day pwr 0230 12/22 (Scholz)
- 1130 KWNU-La- Hrd u/WNEW's AXR (10k) 0115 12/28 (RjE)
- 1170 KVOO-Ok- Hrd w/ no ID's, EE, good mx 0106 12/22(Scholz) Had to be this, Carter - RjE
- WOOV-Al- Hrd way u/KVOO 0049 & again 0058 1/05.(RjE)
- 1190 KRDS-Az- Hrd 0247, 12/22, quite strong. (Page) Wonder why I only get WOWO's TT's... RjE
- 1240 unID S/off GSQ 0100 12/31, only one listed that time is CJCS, but... (RjE)
- 1250 CBOF-On- Hrd w/ s/off GSQ 0104 12/31 u/WTAE, WKBR, WTMA. (RjE)
- WKBR-NH- TEST not hrd here due to unusual sigs from WTAE (1/5)(RjE)
- + 1260 KVSP-NM- Hrd at s/off 0400 12/21 (Sun AM)(Hart)
- * 1280 WABK-Me- Hrd on w/ emergency BC (presume for snow) all AM 12/29 (Page)
- 1290 WBNF-NY- Monitored 3 hrs 12/25, but no sign of TEST, only hrd WIRL, KOIL, KTRN (Hart)
- * 1300 KCNW-Ok- 12/22 0117 w/ test, probably w/ 5kw. (Hart)
- 1310 KLIJ-Id- DX TEST hrd 0255-0300 12/22 w/ several ID's (Fish)
- 1330 WMLT-Ga- Hrd w/ TT, ID 0203, but only ID of entire pgm, tho' ran from 0115 to past 0300. (Pat)
- WHOT-Oh- Hrd atop channel here 0330 12/29 o/unid MoR w/ K-call & CST checks (Page) Hrd here ard 0340 o/ unID K-call w/CST, but thought I hrd rr. (RjE)
- unID Help on the previous, please?
- WMEN-Fl- TEST hrd o/WHOT, when loop rotated, 0348 tune-in to 0353 WPOW s/on, which I'd forgotten, but taped DX anyhow.(RjE)
- TEST not hrd here, since no loop (Page)
- 1370 KVWO-Wy- 12/29 TEST 0430-0500 good copy o/WSPD (Fish)
- 1400 WALE-Ma- Hrd on ET w/ continuous ID tape 0315-0430+ 12/29 (Page)
- Frightening concept of a continuous ID tape 1 1/2 hrs.(RjE)
- 1410 WONS-Fl- DX TEST not hrd here due to WPOW & WING (RjE & Page)

1430 CEFH-On- Hrd 0340 while digging for KGAY. Hrd thru OC & WIRE (Fish)
 1450 WNSO-NY- Very nice 12/21 0405 w/ local wx & ID (Scholz)
 1460 WFNK-AL- Hrd 12/8 0214 (Dan Myers, Toledo Ohio) Welcome, Dan.-RJE
 1480 WEND-Ct- DX TEST hrd here fair to good sigs. 12/29 0200-0215. (Page)
 Likewise, and had nice talk on DX'ing 0212-0215 (RJE)
 1490 WABJ-NI- Nice atop w/ nx, wx & ID 0405 12/22 (Scholz) Nice is right-
 1500 WJHX-NI- Briefly w/ET 0400 12/22(Scholz) (RJE)
 1520 WTTT-Ch- Hrd w/rr and many ID's w/WBWB off (%\$#?-RJE) 0338 12/22(Pat)
 1530 WTTI-Ia- Hrd on NNRC DX 0128 12/8 w/ old rr, fast-talking DJ (Pat)
 Hrd 0148. Came on late, didn't they (Myers) Dunno -RJE
 1550 KELD-Ka- Hrd w/ TT & frequent voice ID's ard 0230 12/11. (Hart)
 TICS-Nb- Testing 12/11, w/ voice ID 0245. (Hart)
 IDKA-La- Tested after 0300 12/11 (Hart)
 KZJO-Mo- Hrd w/rr, ID'ing as "Tiger Radio" 12/24 0120 (Page)
 UTKX-Ga- Had ET-mx 0105-0217 (i) o/KGHI (Page) Ooops, t'was 1/3 -RJE
 1600 WNRH-Ia- Hrd w/MoR & ID 0015 u/ WWRL (Page)

540 WMTV-Nb- Hrd thru local WIII 1150 12/30 (RJE)
 680 WNYR-NY- Hrd w/ local items 0648 12/18, but seems early for NY state
 s/om. (Scholz) Not as I remember from Syracuse.. -RJE
 1080 WUFO-NY- Hrd v. weak u/WTIC w/ latter looped 1206 12/30 (RJE)
 1220 WFAI-Va- Hrd u/ WGNV, WCDQ 1221 12/30 (RJE)
 1360 KRYS-Tx- S/on SSB 0600 12/15(Fish)
 1370 WDEP-Tn- 12/29 s/on SSB 0500 (Fish)
 KGNV-Ka- S/on 12/15 0700 (Fish)
 ECRV-Mo- S/on 12/15 0700 (Fish) Egad, the man must have
 KALN-Ka- S/on 12/15 0700 (Fish) 4-track ears, hi.-RJE
 KAPB-La- S/on 12/15 0700 SSB (Fish)
 WDXE-Tn- S/on 12/15 0700 in crowd, hrd on tape replay. (Fish)
 1380 WQWV-Ct- Finally pulled from WBNX 1234 12/30 (RJE)
 1400 WABY-NY- Hrd way u/WSTC, others 1238 12/30 (RJE)
 1410 WBYA-NY- Way u/ WPOP, WHTG 1243 12/30 (RJE)
 1440 KRYS-Tx- 12/15 s/on 0600 u/ KMLB on tape replay (Fish)
 1460 KSO -Ia- 12/15 s/on 0630 (Fish)

"C"

640 WOI -Ia- Was o/u WFLO 12/13 1729 (Myers)
 650 KIKK-Tx- Hrd w/fair sigs. mostly u/WSM 12/5 1830 (Myers)
 870 WGTL-Nc- Hrd w/ several ID's & a local spot o/u WFLO,WHCU 1655 12/31
 WFLO-Va- Hrd w/nx, s/off 1700 12/31 o/u WHCU,WGTL (RJE as was above)
 960 KIMP-Tx- Real surprise o/everything 1812 12/4 (Myers)
 1000 WKYC-Nc- Finally hrd o/u WCFL 1710 12/6 (Myers)
 1010 WSPT-Wi- In/out of mess 12/4 w/ ID 1714 (Myers)
 1110 WPCA-AL- Hrd 1744-47 s/off 12/17 (Myers)
 1140 WBYZ-Pa- Way down, but readable u/WRVA 1636 12/31 (RJE)
 950 WVAZ-MV- Well atop 1800 12/15 (Scholz)
 1150 WCPA-Pa- S/off 1700 12/17 hrd. (Pat)
 1270 WHDL-NY- In v. well 1622 12/31, tho' never hrd in Syracuse (RJE)
 1390 WYAN-Va- Finally hrd. 1730 12/14 w/rr (Scholz)
 WOSO-Nc- Hrd 12/7 during aurora 2114. (Myers)
 1410 WCLO-Ka- Hrd 12/4 1656 when 2 or 3 stns. on top all shut up at once
 and this one ID'ed. Miracle?(Myers) Could be... RJE
 1430 WIL -Mo- In fairly well 2346 12/31 u/WNJR, o/WENE (RJE)
 1460 WBBB-Fl- Hrd w/rr 1840 12/11 atop mess for ID 1841 (Scholz)
 1560 WCFM-Ch- Hrd after WIOD s/off 1715 12/4 (Myers)
 1570 WTQX-AL- Same deal at KCLO-1410 above at 1744 12/4 (Myers) Gee. Rje

1570 WTAY-IL- S/off 2 mins. late 12/9 1732 (Myers)
 unID Hrd EE rr w/ K- call u/ CKIM,CFOR 1915, w/ID, but too far
 u/ the mess to read it. (Scholz)
 unID SSB hrd way u/ CKIM,CFOR 1819 12/15, looped WSW, so sus-
 pect KOLS, as SS time is right. (Scholz)(If that's what it
 was its a really nice catch - RJE)
 1580 WAMY-Ms- Hrd 12/9 1736 (Myers)
 KAMI-Nb- A real surprise 1818 12/15 (Myers)

+ 790 WBAQ-WI- S/off 0100 (Geo. Sherman, Minnesota)
 + 930 WHEH-NY- MM s/off is 0100, not 0000 as listed (RJE)
 WROD-FR- Per Variety was due on 1/1. (RJE)
 + 940 CJXX-Sa- Off MM only (Sherman)
 + 960 WSPT-In- S/off 0100 (Sherman)
 + 1070 WIBC-In- MM s/on is 0500 (Sherman)
 + 1100 WKYC-Ch- MM SP is 0015-0530 (Sherman)
 + 1060 CJRP-Ia- Is on til 0400 daily incl. MM (RJE)
 + 1280 WPTV-Mn- Is AN SPU (Sherman)
 + 1380 WLRB-Ch- Lorain is on, tho' Broadcasting sez call is WLRB (Myers)
 'Tis true, the mag. sez WLRB is on, but I guess its WLRB.
 AN MM, probably NSP (Sherman) (RJE)
 + 1480 WAAN-Tn- Is call for Waynesboro, Tn. CP (RJE)
 + 1530 WCKY-Ch- S/off MM 0100 (RJE & Page)
 1580 WPGC-Md- Info last time was wrong. 'Tis FM going to 50 kw. (Rick
 Marr, Maryland)
 + 1600 WMCB-WI- SM s/on is 0800 (Sherman)

R/O's HHD: By Pat Taylor: KYUL-1330; WCLA-1470. By Page Taylor: WPHI-980;
 WCEY-1240; KPVS-960; WHEH-1550; WMBZ-1360; WYAN-1490; WPAD-1450

ANY INFO on the following will be appreciated: What is KGEI-Belmont, Calif. ?

As I finish this, the P.M. mail has stuff from Renfrew, Reno, Carlson & Hart.
 Guess it'll have to wait, hi/ Next issue will be the January Updater (that's
 next issue submission date after this, i.e. 1/17/70) Next week, we're run-
 ning a list of granted CP's about which info is needed from everyone. Please
 try to check any of these you can when they appear, and report info to me.

Subheads this time are simply listed as "A", "B", "C", & "D", mostly because
 I forgot to buy more Transfer Type, hi. A nice column this time, and lots of
 really good tips.

73's

PK

PHONE TIPS TO 0000 AT

335-6397 (A.C. 201)

Reprinted by Request

1.8. Geophysical Alerts

Letter symbols indicating the current geophysical alert (Geoalert) as declared by the World Warning Agency of the International Ursigram and World Days Service (IUWDS) are broadcast in very slow International Morse Code from WWV and WWVH on each of the standard radio carrier frequencies. These broadcasts are made from WWV during the first half of the 19th min of each hour and from WWVH during the first half of the 49th min of each hour. Such notices have been broadcast since the International Geophysical Year, 1957-58 and have continued by international agreement.

On January 1, 1968 a new coding system was instituted for broadcasting Geoalerts. This was necessary to make possible the dissemination of larger quantities of information resulting from improved techniques in observation and prediction of geophysical events. Previous codes

	EEE	(. . .)	No forecast (or STRATWARM observation) statement
	III	(. . .)	FLARES expected
	SSS	(. . .)	PROTON FLARE expected
	TTT	(— —)	MAGSTORM expected
1st letter	UUU	(. . .)	FLARES AND MAGSTORM expected
	VVV	(. . .)	PROTON FLARE and MAGSTORM expected
	HHH	(. . .)	STRATWARM observed
	DDD	(. . .)	STRATWARM observed and FLARES expected
	BBB	(. . .)	STRATWARM observed and PROTON FLARE expected
	MMM	(— —)	STRATWARM observed and MAGSTORM expected

The second and third sets of letters pertain to the occurrence of and approximate time of observed solar or geophysical events. The cod-

were superseded. The symbols used indicate to experimenters and researchers in radio, geophysical, and solar sciences the content of the IUWDS Geoalert message which is issued daily at 0400 UT to identify days on which outstanding solar or geophysical events are expected or have occurred in the preceding 24-hour period.

Geoalerts for a given day are first broadcast at 0418 UT on station WWV, Fort Collins, Colorado, then at 0448 UT on station WWVH, Maui, Hawaii. These broadcasts are repeated at hourly intervals until the new alert is issued. Each message begins with the letters GEO in Morse code followed by coded information. The new coding permits three types of information at each broadcast—each in the form of letters repeated three times in slow International Morse Code.

The first set concerns either forecasts of the solar or geophysical event, or the observation of a stratospheric warming (STRATWARM), together with the forecast of a solar or geophysical event when appropriate. Letters which may occur in the first set and their meaning are as follows.

ing for the beginning time and type of event is shown in the table given below:

	Day before that of issue (hours UT)			Day of issue		IN PROGRESS	NIL
	00-06	06-12	12-18	00-04	04-08		
2d letter set: PROTON EVENT	MMM (— —)	TTT (—)	HHH (. . .)	SSS (. . .)	III (. .)	GGG (— —)	EEE (.)
3d letter set: GEOMAGNETIC STORM	UUU (. . .)	AAA (. —)	BBB (— . .)	DDD (— .)	NNN (—)	PPP (. — —)	EEE (.)

IDXD Monitor Reports

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



Telephone Tip No. 212-582-0844. All Times are Eastern Standard.

- 525 Costa Rica. TICAL, Radio Rumbo, Cartago hrd appx 2400 every night, fair to good, s/off 0100. (Clerk, Fla)
- 529 Switzerland. S.B.C., Beromünster finally logged after many years of trying on 12/20 from 0006 to 0025 f/out. Hrd IS at 0006 and s/on at 0010, opening anct, mx and talk until 0020 then popular mx; anct in German. Signal / to 1562 and was stronger than them for the first 10 minutes, then faded rapidly. Was stronger Heavy QRM from beacon "NB" in North Bay, Ontario with 250 watts on 530 kHz. (Holbrook, Md.)
- 540 Dominican Rep. Radio ABC at 0030 on 12/19 with ID by male, pgm of pop mx and fair signal. Probably the stn even with Nicaragua earlier. (Macken, Mass.)
- 540 Nicaragua. Radio Corporacion with ID by male at 0002 on 12/19 thru QRM, either s/off or f/out several min. later (Macken) R. Corporacion hrd 0238-0247 on 12/25, was off at 0310 recheck, special Xmas pgm, s:off appx 0300. (Murley, Cal)
- 540 Ecuador. Radio Tropicana, HCFA2, Guayaquil in the clear agn 12/22 from 0310 to 0330 with good signal, no QRM. Previously hrd last summer but no answer to report; another sent. They should be hrd all over as they are in the clear on MMs and have quite a few spots, even at 3 in the morning. (Merriman)
- 548 Algeria. Oran w/Arabic instr mx, chanting 1700 12/19 (RJE)
- 570 Dominican Rep. HIMS hrd with 1 ID on DX Test 12/29 at 0409 under local WmCA and Cuban. (Russ Edmunds, NJ) HIMS believed hrd on DX 0414-0420 with songs. Reception under WmCA and WKBN with fair signals; taped tentative to César. (Reno, Conn)
- 593 Morocco. Oujda seems to have been the weak stn 12/26 around 2000 and sounded // to 935. Not often hrd. (Dangerfield, Pa)
- 610 Trinidad. Regarding Radio Guardian. During a contact, on 20-meter ham band, during our short stay here in Florida, 9Y4VV checked the local newspaper and found s/on listed as 5:25 AM, AST and s/off listed 11:04 PM, AST (0425-2204 EST) and pgmg all in English. I think I hrd them MM 12/22 but could not identify. Visited JKC last week; Jerry said he'd not been able to log them, and he does have a listening set-up! Incidentally, Trinidad-730 is sked 0425-2210 EST; both stns using a 250-foot tower. (Ross Hansch, Wisc)
- 620 Dom. Rep. HISS hrd with mx, SS anncr under WVNJ-WHEN-WVMT in very well at times, around 2200 on 12/9. (Reno, Conn)
- 630 Colombia. HJFD, Radio Manizales fair u/CMQ from 0331-0339 12/22 with mx and spots. (Brubaker, Miami Beach, Fla)
- 638 Czechoslovakia. Prague in at 2230 s/on with fair signal 12/28; has been much better than this.
- 647 England/unID. BBC Third heard well at 1630 on 12/20 with opera. There was a steady code signal after 2230 on 12/28 and probably BBC Euro Svce ID, but in the background I seemed to detect a man singing or chanting! (Dangerfield, Pa)
- 655 El Salvador. YSS under XERPM slop, late Xmas AM pgmg, very good cx to Eastern USA did not help LA DX. (Murley, Cal.)
- 656 Italy. RAI good 12/26 at 1730. (Dangerfield) RAI in clearly with no QRM 0102 12/25 with music. (Walt Rogers, NH)
- 656 unID. Looking for Spanish Sahara here on 12/31 and a very weak signal here after 1800 maybe they, but no audio. (ctd.)

- Had had a strong signal here between 1730 and 1800, too much WNBC splash to ID for sure but believe this was the Italian. An certainly going to keep trying for EAJ203. (Herriman, Va)
- 665 Portugal. Lisboa I with beautiful s-9 signal at 0110 on SW 12/21 with news, male-female announcers alternating. (Garber, Nb)
- 719 Portugal. Norte I with male vocals; instrumentals before Cuban fade-in, 1707 12/19. (Edmunds, NJ)
- 750 Colombia. WJMK hrd with ID as "Radio Medellin en Colombia" and not the L.V. de Antioquia one. 2104 12/27. (Pene)
- 755 West Germany. Probably the TA with accordion mx up to 0230 on 12/29, then Lisboa on with pgm, # 1061 kHz. (Dangerfield)
- 760 Cuba. Strong signal, continuous news 12/22 with clock ticks in background, WJR fighting a losing battle. In very solid 0300 - 0600 and fading thereafter. (Hardester, Calif)
- 764 Senegal. Dakar barely audible 1741 12/21. (Rogers, NH)
- 780 Brit. Virgin Islands. ZBVI logged 12/6 from 1855-1923 in English; rock mx, commercials and a number of IDs noted. Often mentioned 10,000 watts. Difficult to copy through heavy QRM. (Holbrook, Md.) ZBVI, Road Town; Tortola hrd for first time on 12/6 with fair to good signal 1829 to 1931 s/off. Pop mx; many ads. At s/off, anncr mentioned that ZBVI w/on Mon-Sat at 6 AM (that's 0500 EST) and at 11 AM on Sundays. Have noted them almost evening since. (Brubaker)
- 782 East Germany. Burg hrd with US-style music, German anncr, 1917-1928 12/22. (Rogers, NH)
- 782 Portugal. CSH9 Miramar surely the one with male anncr, apparently with news, 0301-0304 12/29 and 0307-0310 with female anncr. Good signal; slow deep fades despite heavy QRM. WBBK ET finally went off at 0258 to allow this one to make it. I could be wrong but I figure LSR for Miramar for this date is approx 0205 EST. If this is true, why did I get them this late? Other portugal stns (i.e. 685-755-1034-1578 and 1594) were still in; fadeout for all of them was at about 0315. What gives? (Garber, Neb.) (I think that the maps you used to determine time of LSR fail to take into account the slow buildup of ionization at the control point (not the transmitter site) which is found when the sun does not rise at a steep angle out of the horizon. This often gives rise to erratic westward propagation at times significantly later than LSR at the xmtr site. This is most strikingly noticed in winter on high latitude paths; in such a case the optical "sunrise" can appear to take tens of minutes. There are recorded instances of NBC-BBI and Caroline-1520 being logged on WCNA after 0400 EST. Here, the sun had risen many minutes previously but was still just a few degrees above the horizon (alho more southerly by then) and the resultant weak radiation was not yet intense enough to ionize the D-layer at the control point, the point in the ionosphere to the west where the first bounce takes place. Unfortunately ionospheric propagation is still too poorly understood to permit direct application of ephemeral data to reception conditions with any hope of a significant positive correlation between the two. In other words, remember that there is a fudge factor involved with the maps, hi. -Ed.) (I should clarify one point: The reception of TAs so late in the morning occurs only in mid-winter; it is at this time that the sunrise condition referred to is most pronounced in Europe, where the signals leave from. The E-20 fadeout predictions allow for this effect by dealing with ionospheric, rather than astronomical phenomena; -Ed.)
- 825a unID. Nicaragua or Costa Rica here 2340 on 12/24 to 0012 on the 25th; ID at midnight was a religious-oriented Christmas greeting and didn't catch slogan if any was aired. Both YNOL and TIOS have been reported on late in past years. No chance of loop separation from So Calif; also, no sign of any het from TGTO, did anyone else ID this one? (Murley, Calif)
- 827 Spain. Barcelona quite strong and atop freq 1900 12/27 with QRM from Moroccan. Sofia, however, seems dominant both earlier and later. (Dangerfield, Pa)
- 830 Haiti. 4VEC a regular here evenings in French, some QRM from CMCB but hrd with good signals. Also noted at 0533 last May 22nd with exc signal. (Brubaker, Fla)
- 804 Brit Honduras. English and Spanish regional mx at tune-in 2302 followed by sportscast at 2310. Hrd 12/18 and SW freq 3300 kHz not even audible at that time. (Mike Macken, Mass) In a departure from past Xmas Eve formats, Belize in Eng rock mx on Night Show 0020-0027 12/25. As in past years, had prominently featured the Queen's Greetings, perhaps the absence of the message this year encouraged the change in pgmg. Unable to hear other stns such as Jamaica, Bahamas, Bermuda or B.W.I; island stns to see if this occurred elsewhere. (Jay Murley, Newport Beach, Calif)
- 836 France-Lebanon-Spain. ORTF Nancy seems to be strongest sig prior to 1800 and after 2330. After 1800 the signals are mixed but I have recently noted pgmg from Beirut. Apparently Beirut comes on again after 2300 for there is a weak stn here then prior to the time Nancy turns on its carrier. A Spanish station was mixed in around 0200 12/29. (Dangerfield)
- 880 Guatemala and Cuba. TGJ predictably dominant (WCBS looped) for much of 0110-0128 12/25 but playing a montage of Tropical and Popular (including Norteña from the Mexico-Texas border area.) ID for Cuban hrd 0115 but not known which one. Are there still 2 Radio Musical Nacional Cubans here? (Murley)
- 880 Brazil. Not sure which one; hrd atop freq 0320 12/29 and could separate from RBC. RBC was very good until after 0300 but at its best about 0230; WCBS carrier about 0330 knocked out for the rest of the morning. (Dangerfield, Pa.)
- 894 Canary Islands. EFJ-57 Radio Juventud de Canarias, Santa Cruz de Tenerife hrd 2200 to 2347 on 12/6 with music ranging from operatic to popular, and anncrs. Signal ranged from fair to inaudible; all in Spanish. (Holbrook, Md.)
- 962 Tunisia. Tunis, chanting and string mx 1740 12/19 (Edmunds)
- 1000 China, P.R. Peking listed, 1010 12/23 Chinese standard dialect, Mao talk, very good. (Wood, Hawaii)
- 1000 Mexico. Radio Nil, XEOT dominating channel with SS and EE rock, all AM 12/22. (Rogers) Hrd with American rock records almost equal to KOMO TT, no fading, jingle after each record, anncr spoke too fast to catch. (Hardester, Calif.)
- ++ 1020 unID. Is Radio Hoyer Cu açao on this freq? Hrd station in SS all morning 12/22 and not noted since) with TCs as "hora Curagao"; much mx hrd but no ads. Report sent to Hoyer. (Bill Brubaker, Florida)
- 1052 England. Start Point excellent 0250 12/29 (Dangerfield)
- 1061 Portugal. Porto very strong after 0230 s/on 12/22 and again the 29th with pgm // 755 kHz, woman anncr seemed French; (Dangerfield, near Philadelphia, Pa.)
- 1088 England. NBC Midlands, Droitwich over s-9 on 12/29 0245-0320 fadeout so logged for first time here, hrd many times before, tho. All talk; news, commentary on '60s. (Herriman, Va)

- 1090 Dan. Rep. WIPM Radio Amistad hrd 12/29 at s/on 0425 with anthem. Had been on, with music, a few minutes before the official s/on. Gave complete s/on anct with call, location and mention of FM station. Short religious talk, news, spot for Cigerillo Nacional. Very good for 500 watts. (Merriman)
- 1090 Bolivia. Tentatively logged for 2 minutes with following: "...emisora en;;;La Paz...;" then faded out. WRTVH says not sked to be on; however could be special holiday sked. Can't log this, but will try again. Was hrd 0308-0310 MM 12/29 with bad WVIC slop. (Cliff Reno, Conn.)
- 1097 Spain. EPEL4, La Voz de Madrid, assumed the stn here with Radio Minuto de la Hora pgmg and hrd 0151-0206 with fairly good signals, all in Spanish; time given each minute was for GAT + 1 Hr. (Holbrook, Md) Someone behind EPEL4 prior to 2000 evenings, and at 0200 12/29 there were at least 3 stations on this freq, all measuring differently. Bratislava probably here also. (Dangerfield, Pa)
- +1106 unID. Strong Arab here with typical cheating pgms 12/24 at 1640, girl in short ID which I couldn't make out at 1701 then some sort of interview or talk pgm with man and woman, man did most of the talking; occasional cheating. Was still there at 1800 and was hrd just below the AFN carrier. Was not // either Moroccan on 935 or 1196. (Blumenthal, Mass)
- 1106 New Arab? or Ceuta? Arabic music and talk rose out of the jumble at 1640 on 12/24 and was quite strong at 1700 until fading back not to be hrd again. Worth watching. (Dangerfield)
- 1106 Lithuanian SSR. Radio Vilnius with very good signals at 2100 s/on 12/20. Short anthem followed by man and woman ancrs and what seemed to be news. IS at 2115 and three word ID, "Zahkee ... Lithuania" and followed by native mx pgm with girl ancr. Almost no trace of AFN. Also noted at s/on 12/22 with exercise pgms at 2115. (Blumenthal, Mass)
- 1106 Spain. Sync commonwave with instr mx, weak u/WBT splash 1923 12/18. (Edmunds, NJ)
- 1124 Libya. Al Bayda noted from 1743 to 1959 11/29 with weak to fairly good signals. Much Arabic mx and ancrs. Occasional Spanish noted and not sure it was from this station. Weak signal after 1900 EST and programming seemed to be all Spanish; don't know if same station or not. (Holbrook, Md) Station noted here tune-in 1650 on 12/18 and on 2 rechecks with chanting at 1715 and 1725 with slop at times from WNEV. (Macken, Mass.)
- 1151 England. Stagshaw good and separable at 0215 29 (Dangerfield)
- 1160 unID. At 0130 12/15 a stn s/on with ID similar to "Emisora Uni" and in the vicious battle with KVOO (? - they're on 1170 so must've been really strong, hi-Ed) I could be certain neither of the ID nor language, which seemed to be more likely SS than PP. (Andy Rugg, Quebec)
- 1187 Hungary. Presumably the one here at 1633 12/20 with uninterupted cl mx and operatic pgms. Short ID by man 1701 then back to same pgmg. Heavy fading and much domestic splash but occasional peaks with good signals. (Blumenthal, Mass)
- 1196 West Germany. VoA Munich in lang at 2325; very clear ID in YE hrd 2928 as listed in WRTVH then carrier just disappeared and not sked to s/off at this time, so perhaps antenna change. On 12/20. (Macken, Mass)

- 1214 England. Radio One at armchair level 0022-0032 12/22, by far my best European to date. Excellent tape. (Rogers)
- 1214 Albania. Tirana with static and fading, but readable at 1855-1901 on 12/22. (Rogers)
- 1240 Dominican Republic. HIAU, Broadcasting Tropical, Puerto Plata hrd for first time May 22 from 0504 to 0524 with good signal. Lively programming, many ads and timechecks as "hora tropical". (Brubaker, Fla.)
- 1257 Thailand. Assumed HSK32, Thon Buri 0950 Thai pops 12/23. (Richard Wood, Kailua, Hawaii)
- 1286 Czechoslovakia. Prague atop at 1825 on 12/28 with someone below, possibly CSB3. (Dangerfield, Pa) CSI in and out around 1845 on 12/22. (Rogers, NH)
- 1295 Isle of Man. IS, pips, then identification by male, all in English at 1800, then news and commentary in English; earlier noted in unidentified language. (Macken, Mass) (No chance this might be PJD2, I take it -Ed.)
- 1304 Poland. Szczecin here with Slavic lang and very fady sig- nal, probably due to northerly path 1825 12/19. (Rogers)
- 1322 Hrd w/mx and talk 0118-0124 12/22. (Rogers, 12/19 item - was rje) (Rogers, next item)
- 1367 East Germany. DDR, female ancr in German here 0033 12/23.
- 1376 Poland. Bialystok hrd thru WSPD splash and static bursts 0110-0114 12/28. (Rogers)
- 1376 France. Lille I probably the one here 0120-0130 12/21 w/ Instrumental mx, audio very poor but I did catch a few words of PP. Many deep fades and much splash from 1380 prevented me from getting a good tape. (Marv Garber, Neb) ORTF Lille was 20 over s-9 at 0230 12/29 so taped for a report. So strong that they were completely pushing the WSPD splatter aside. Mostly talk, some Dixieland Jazz. (Also Merriman, Fairfax, Va)
- 1385 Spain. Radio Centro, ECS11 Madrid hrd w/MoR and US pop, ID 1753 12/19. (Edmunds, NJ)
- 1394 Spain. Sync Commonwave hrd well here with pop mx pgms, upbeat MoR, US rock and pop 1819 12/19. (Edmunds, NJ)
- 1394 Albania. Tirana noted intermittently from 0040 to 0125 on 12/18. Until 0100 there was male commentary in an unID slavic lang, at 0100 there was a double ID with anthem in the background. Afterwards, commentary by female. Country # 56 here. (Andy Rugg, Quebec) Woman in unID lang hrd at 1720. At 1728 IS hrd, clinching identification. The second time the IS was hrd, there appeared a strange 6-note, very distinctive, IS during the one from Tirana. So apparently a 2nd stn faded up at that moment, could it be the Austrian? Hrd 12/20; have a tape. (Macken, Mass)
- 1450 Mexico. XESS, Ensenada B.C.N. ID is Radio Fiesta. (Kenney)
- 1466 Monte Carlo. JAME hrd with a very good signal 0035-0050 12/21 with instrumental music and some talk in French. Very deep fades but peaks over s-9. New one! (Garber, Neb)
- 1475 Austria. Wien II 0059-0103 12/22 "Roll out the Barrel" IS hrd at 0100. Guess what their favorite drink is? (Walt Rogers, NH)
- 1500 Curaçao. Beautiful signal from Radio Hoyer II in Dutch on 12/22 from 0400 s/on till after 0500. They s/on with anthem, rooster call, piano music. Pgm after that consisted of country-and-western, and gospel-type mx. (Brubaker, Miami Beach, Fla.)

- 1505 Anguilla. NNRC Special. Radio Anguilla hrd here on 12/22 with fair-good signal, some QRM from Hoyer-1500. Was hrd off-and-on from 0403 to 0459. Annrc stressed the beautiful weather in Anguilla several times, and played all Christmas mx. I enjoyed and appreciated the pgm. (Brubaker, Fla) Radio Anguilla hrd on DX 12/22 from 0420 to 0510, usually audible but weak to fair strength thru heavy summer-like static. During this period I identified 2 Christmas musical selections and bits of two announcements when ID was noted. Was in English, when readable. (Hank Holbrook, Md.) Anguilla DX noted easily at 0400 12/22. (Dangerfield, Pa.)
- 1529 Vatican. I'm sure it's Vatican Radio here but I sent a tape report to them and they said they could not identify it as being their program. Hrd many evenings as early as 1640, s/off around 1710/1715. It is all talk; lang is definitely Italian. Any other possibilities here? (Alan Merriman) (Would be interested in knowing if you had any 1530 domestic audio on the tape, with Vatican in background for if so, likely they urd that and reckoned that that was what your report was for...without taking time to listen far down. If, on the other hand, you had a clear signal, then that obviously wouldn't explain it. -Ed.) Finally some audio from the strong het noted almost daily here, on 12/23 at 1656. Man speaking what sounded like Italian for a few minutes but soon faded out. (Blumenthal, Mass)
- 1530 Mexico. XEUR copied for about a half-hour 12/13, 0755 to 0835 and seems to ID interchangeably as Radio Onda Musical, Radio Onda and Radio Central. Location listed Texcoco. (Don Kenney, Santa Monica, Calif.)
- 1537 South Vietnam. Unid still hrd here 12/23 1035 with usual format: Male/female ancrs alternating in news, little or no music. (Wood, Hawaii)
- 1540 Bahamas. ZNS was loud 0440 12/15 with Music 'til Dawn, and KXEL was loud also. (Kenney, Calif)
- 1546 England. BBC hrd w/commentary about Vietnam War 0054 to 0058 12/22. (Rogers, NH)
- 1554 France. Nice I weak but audible 0052 12/22. (Rogers, NH) Nice hrd with best signals ever, 10 over s-9, 0135-0145 on 12/21; usual weak modulation and bad fading but did catch some french words. (Marv Garber, Nebr.)
- 1560 Dom. Rep. Radio Maiba, HIJC first hrd on this new freq on 12/7 with very good signals at 0040. This stn has to be one of the liveliest ones in the D.R. Was previously hrd on 1380 and 1525 kHz and verified on 1380 (Brubaker)
- 1560 Australia. 2RL, Taree, NSW at 0420 with deejay show 12/22 and very good in another one of the rather frequent recent openings to Australia in which only stns above 1500-odd kHz were heard. (Wood, Hawaii)
- 1562 Switzerland. "SBC" Beromunster hrd 0006-0045 12/20 and was // to 529 kHz. Not as strong as 529 during first part of transmission but signal stayed in longer and was more consistent and easier to copy over the long haul. Some QRM noted from 1570 kHz. (Holbrook, Md.)
- 1578 Portugal. CSB5 must've been the one here with good s-7 signal 0220-0232 MEI 12/29; WCLS/1580 had just an OC so that helped a lot. Audio was very good and signal was steady, not too many fades, and no flutter. Male/female ancrs alternating, same as other Portugal. (Garber, Neb.)

- 1586 W. Germany. WDR strong as usual 0039 to 0045 12/22. (Rogers) WDR, Langenberg hrd with best signals ever with 4 time pips at 0100, ID and into news with male ancr, SM 12/21 and this was sure good for TAS on high-band freqs (Garber)
- 1594 unID. BBC EE talk 0037-0040 12/25, could this be Manx Radio? (Rogers, NH) (Seems likely, Walt. How was signal?)
- 1594 Portugal. Solid DF here for CSB4 Lisbon but weaker signal and audio than I had on 1578; hrd 0240-0256 MM 12/29 with good, but fading, signal. (Garber, Neb.) Lisbon hrd 1945-2000 12/21 with popular mx, ancts by a woman in Portuguese, while carrier on after 2000 could not discern any pgmg, so had OC to 2010 when last checked. Good signals, some fading. (Holbrook, Md.)
- 1602 W. Germany. Bayerischer Rundfunk, Nurnberg w/mx 0015 12/23. (Rogers, NH)
- *****
VERIFICATIONS *****
- 525 Costa Rica. Radio Rumbo, TICAL returned pp/c along with letter. Address Apto. 140, Cartago. V/s is Carlos Lafuente Fernandez, Gerente. Indicates 525 kHz, 250 watts. Is frequently hrd here. (Holbrook, Md.) (Letter states that official freq is 540 kHz, but, pending enactment of a new radio law by the C.R. Govt., station is abiding by provisional law which requires C.R. stations to maintain a 25 kHz separation frequency-wise. This then is as the next channel down from 550. I don't think they would have an audience on this freq, either, Hank, possibly they are getting a snow-job from the radio brass in San Jose??/Ed)
- 529 Algeria. Constantine or Ain Beida, attractive QSL card for reception of 10/19, specifies date, time, freq.
- 660 Colombia. HJJM, Radio Uno, Cali sent a short v/1 on Todelar stationery. Signer is illegible. Address Calle 11, No. 9-20 or Apto Aereo 1972. This is different from the address in WRTVH where report was sent.
- 746 Holland. Sent folder type QSL for tentative of 9/26; DDR also verified same report. (LXDX 12/6) I suppose 2 answers are better than none; obviously, one of them is not valid. From info in 10/25 IDXD and the fact that DDR 746 is not listed as AN in their pgm sked, I come to the conclusion I hrd Holland, and not DDR. Chalk up DDR as another "automatic verifier". (Blumenthal, Mass.)
- 765 El Salvador. YSKL sent a very nice Christmas card but no mention of verifying my reception. At least I know they got the report, hi. (Merriman, Va.)
- 845 Italy. Rome sent standard v/q containing all necessary information, illegible v/s, in transit 45 days. (Kilroy, DC)
- 960 Colombia. Radio Sutatenza, Barranquilla sent specific QSL card for report sent to Barranquilla. This is not the folder sent from Bogota HQ. Indicates HJHN - 120 kW. Address Carrera 45, No. 45-81, Barranquilla; 3 months out. (Merriman, Va.)
- 1030 Solomon Islands. S.I.B.S., Honiara. V/q and v/1 from Barry J. Whitehall, Broadcasting Officer. Their new 5000 watt xmtr came on the air October 24, 1969. (Wood, HI)
- 1090 Japan. Sendai sent standard Radio Japan v/q in about 2 weeks. One problem though, frequency verified on card is for 1050 kcs. What do you do in a case like this? (Mike Harvester, Calif.) (Tell your DX buddies that "1050" is Japanese script for "1340" where you hrd them, hi. They'll really be snowed then!! -Ed.)

- 1180 Dominican Republic. HIBE, Radio Mil, Santo Domingo. Very specific v/q, large and attractive, from Víctor Manuel Ríos R., Enc. de Relaciones Publicas; my report was read over the air on "Ruta Internacional 1180", 2245-2300 local time, Friday. Thru César Objío, but verifying well directly. (Wood, Hawaii)
- 1187 Guatemala. Radio Sonora sent nice v/l and small pennant in 8 days, some signer and address as reported before. (Merriman, Va.)
- 1200 Dominican Republic. HIDV, La Vega returned my prepared card along with a folder on the station. This as a result to follow-up on report of 1/22/68; signature appears to be C. Caveroff. (Holbrook, Md.)
- 1200 Canada. CFFB Frobisher Bay. Verified by card and letter signed Gillian A. Godfrey (Miss), Information Officer, Northern Service, CBC, P O Box 478, Terminal A, Ottawa 2, Ontario. This, despite fact my report was sent directly to Frobisher Bay. Regular Northern Svce card showing example of Eskimo sculpture (stone penguin) with full details except for my Enid address (for forwarding) rather than Denver, where I heard it, as specified in my report. Letter provides no additional verification specifics, but says that power was increased to 250 watts on Sept. 10, 1969. "We have received the occasional report from the Mid-West since this increase" and Miss Godfrey also described antenna and enclosed a well-written booklet by herself and others on the N.S., "pushing back the Northern Frontier" - a reprint from the Canadian Geographical Journal. (Hauser, for reception from Colorado)
- 1313 Norway. Stavanger, specific verie message in EE on back of pix postcard depicting Norwegian winter scene. Also sent multilingual pix folder. Signer illegible but is from "shortwave department." (Blumenthal, Mass.)
- ** 1350 Colombia. HJOK, Radio Peninsula, Maicao. Long, interesting v/l from Gilberto Leal Varela, Gerente-Administrador; enclosed 2 large pennants. Present power is 1 kW but in January 1970 will increase to 10 kW and change freq to 1050 kHz. (Wood, Hawaii)
- 1505 Anguilla. Nice letter from W.E. Evans says my 11/30 report was definitely they. Country #107. (Dangerefield)
- 1586 W. Germany. Langenberg sent very attractive QSL showing freq and location. (Holbrook, Md.)
- 1602 W. Germany. B.R. Also sent attractive card with date and freq, also list of broadcasting stns in Germany. (Holbrook)

Commentary .. "Re the controversy about Monaco/France (see 1466, p. 11, 11/29 IDXD)... just because it's always been done doesn't necessarily make it right... nevertheless, I don't particularly care how others count it, but I do care how I count it. It seems to me this is a detrimental aspect of country-hunger, when DXers twist a fact, however unpleasant, to suit their purposes. I count all stations by xmtr location, if known. How many DXers count Mex border stations as USA? I suppose they would if a rare country was involved. I am perfectly happy to DX such countries on ham or utility bands and write off MW. With such precise statistics as country totals, I prefer not to rationalize. ^{GLANN HAUSER} I stand on my previous statement, "I believe very few DXers are prepared to do so (count countries in this fashion)" and further reiterate that we are amenable to suggestions that an official change in procedure be discussed... if the majority wish it. -Ed.

REPORT from the PACIFIC

Glenn Hauser

*

- 550 Canada? I'd like to think this was my first NA logging. A very weak station was noted with "American" sound, rock mx, for almost an hour centering around 1623 12/22. Does this fit CFNB? If it was the Filipino, it was incredibly weak.
- 566 Syria. Hearing Arabic here at 1430 12/14, I feel sure it must be Homs but no time to stay for an ID. Distance to Damascus 4267 mi, this makes Country #24.
- 570 China. CJKT Peking (1928 mi) or Chungking, at 1459 12/15 w/melody, taken to be NHK at first, but CJKT ID at 1500.
- 570 India. Commentary on mideast // 1130, strong at 1055 12/16 and Dibrugarh listed.
- 570 Malaysia. Radio Malaysia, Johore Bahru in Malay, muezzin singing // 550 at 1737 12/15.
- 580 unID. Stn noted in French 0640 12/13, heavy local QRN. My listings show no likely possibilities.
- 580 Japan. NHK1, JOHG, Kagoshima (xmtr Hayato) NHK melody at 1459 12/15.
- 590 Japan. NHK1, JOAK, Tokyo (2726 mi) (xmtr Kawaguchi) strong w/NHK tune 1459 12/15.
- 592 USSR, Asiatic. Probably Novosibirsk, for it was // 629 outlet (Vladivostok) with light mx, 1424 12/15.
- 600 Japan. NHK1, with melody 1458 12/15, two stns listed JOCY Nanyoro and JOKK Okayama.
- 600 Thailand. The unmistakable Herbert W. Armstrong, 1000 12/17. This is Pasadena, Calif. per NRC-IRCA count-the-studio-not-the-xmtr policy; I call it HSAAA, Bangkok, Thailand. Was hvy QRM from a low het.
- 610 Japan. NHK1, s/on melody 1457 from JOLK Fukuoka, xmtr Kasuga, at 2184 mi 12/15.
- 620 Egypt. Batra must've been the one w/Arabic news 1320 12/15.
- 620 Philippines. DZXL, Chronicle, Bulacan, US pops and talk abt Philippines, 1544 12/22.
- 629 Asiatic RSFSR. Vladivostok listed for Eastern Siberia pgm, hrd in Russian at 1331 12/15, 2628 mi.
- 635 China. Nanning, per list, girl talking at 1705 12/8, a regular at night, as are China stations all over the dial.
- 638 Cyprus. BBC Zyghi, Arabic news 1323 12/15, believe I heard "huna London" at 1400. (huna = this is, or here is, in AA-Ed.) SAH of 1 Hz must've come from Praha, per EBU.
- ** 639 Laos. Radio Nationale Lao, Vientiane, appears consistent on this freq, perhaps possible in NA. Logged 12/9 0855 with YL talking in Lao // 6130, mx at 0857. Country #23 at 221 miles.
- 640 Japan. NHK1, JOPG, Kushiro, noticeably different NHK tune than on 660, at 1456 and s/on at 1501, 12/15.
- 645 China. CJKT, Peking (per list) man talking at 1706 12/8, was strong at 1928 miles. Evidently carries Foreign Svce after Home Svce, for was hrd in Russian 1325 12/15, with mentions of Mao, ID at 1340 and off around 1400.

- 647 unID(s)? In a quick bandscan 1432 12/14 noted mideast lang, either Saudi, Turkey or Simferopol', next day at 1333 in what struck me as East Euro lang, and at 1335 a bit from "Victory at Sea."
- 660 Japan. NHK1, weak w/NHK melody at 1455 12/15, JOAG Nagasaki and JOOG Obihiro; covered by China 1500.
- 670 Japan. JOBK Osaka, strong with NHK melody, times as 660.
- 674.15 Thailand. This is the listed frequency in the newspapers, so help me, for Tor Tor Tor, Bangkok, which pgms a lot of EE and must be low-powered, for while well hrd while I was in Bangkok, is usually just a het against 675 here. Has a British deejay, loads of ad-lib ads, and also goes by "Early Bird."
- 710 Korea, S. HLKA, K.B.S. Seoul (2184 mi) (xmtr Namyang) man & woman conversing in Koreak 1623 12/15, strong.
- 719 Cyprus. BBC East Medit. Relay, Zyghi, noted with BBC-sounding Arabic, 1549 12/22.
- 738 Thailand. Also per newspaper listings, the English soundtrack of the color TV channel in Bangkok (ch.E7) is carried here in the evenings, in addition to FM. I've never hrd it.
- 740 Korea, So. HLKG, K.B.S. Taegu (xmtr Kyongsang) strong and // 710 1623 12/15.
- 740 Japan. One of the commercial stns, with "hoso" ancmt 1452 12/15 and neither one sked this early.
- 740 India. Hyderabad "A", AIR with nx in English // 730 at 1202 12/15, 1510 miles.
- 746 Kazakh SSR. Tselinograd, at 1344 12/15 with concert // 782 but with slop from jammer-750.
- 755 China? A jammer here, "FK" ID given twice at intervals, and separate from the one on 750. Possibly this is to counter Dushanbe, altho I have no information that it's part of the Radio Moscow MW Chinese net. Logged 1135 12/22.
- 773 Egypt. Cairo in with fair strength 12/8 1521 with Arab mx, very Cairoish, on thru till LSR almost. Country #18 at 4566mi.
- 773 unID. A het, appx 100 Hz, against Cairo noted 1550 12/22 and EBU lists are no help on this one. (Cairo, or the het, off fq?)
- 776.5 Iran. Zahedan, with nx about Israel, 1208 12/15 and good at 2825 miles.
- 780 Korea, So. AFKN Pusan, "Homesteader" with AFKN spots capsule at 1151 12/15 2176 mi.
- 782 Kazakh SSR. Karaganda, presumably, since Kiev sked to be off, at 1431 12/14 in Russian, then cl mx, 2893 mi, also with concert 1345 12/15 parallel 746 and 791.
- ** 785 India. Poona (definite ID, Glenn, see recent EBU updater in GPN's section-Ed.) here ex-780 strong, ending nx in EE at 1205 12/15 // 730 and 740, then anthem 1207 and off.
- 791 RSFSR Euro. Astrakhan listed RV35 concert // 746-782 at 1345. Where, exactly, is Euro-Asia boundary? I've seen Caucasian area listed both ways. (I've used Nat'l Geo Atlas Plate #44, of Asia, dated 1959, to determine, for example, that REW's logging of Uralsk' was in Euro. It shows Astrakhan and Makhach-Kala to be in Eu. but Azerb.-Armenia and Georgia as in Asia. If anyone has a better proposition, I'll be glad to print it.

- 795 China. Shanghai (per list) man and woman talking at 1710 12/8 at 1660 miles.
- 805 unID. EE religious talk 1725 12/8, mx at 1730, into Chinese at 1732.
- 810 Japan. Far East Network, Tokyo at 1425 12/8, mx // 3910 and country #16 at 2726 mi.
- 818 Egypt. Batra, Arabic talk, Qahira mentioned 1148 12/15. (Al Qahira is the Arabic way of saying "Cairo"-Ed.)
- 840 Malaysia. Radio Malaysia, Kota Bahru, English, ending nx & beginning lang lessons 1838 12/13.
- 845 China. Still unID, but noted with code message (relay of SW QRM?-gh) under talk at 1125 12/13: VVV VVV VVV de U4R U4R U4R. ITU lists a similar call under USSR. RTTY (teletype) and CW QRM noted on many Chinese channels.
- 850 Vietnam, South. AFVN Da Nang in the clear 12/8 at 1418 with mx // 900-930.
- 880 Okinawa. KSBK, Naha, had a clear channel 1435 12/15 with "KSBK Good Sound #8" pop mx, excellent for 3kW at 1820 mi.
- 895 Iran. Teheran, fair signal 12/8, 1525 dance mx, 3-pip time signal at 1530, anct and news summary. Country #19 at 3410mi.
- 930 Vietnam, So. AFVN Quang Tri ID caught at 1059 12/13 after Viet and USA anthems at 1055. This is a daily custom just before local midnight at both AFVN and AFTN.
- 960 Malaysia. RM Kuala Trengganu, English net, 1115 12/12 with report on SE Asia games in Rangoon, 1120 MST TC (Malay ST),mx.
- 973 Asiatic RSFSR. RV136, Yuzhno-Sakhalinsk, girl in Russian at 1610 12/22, only Soviet listed this freq.
- 998 Moldavian SSR. Kishinyof, only Soviet known here, RV95, at 1600 12/15 striking 12 and with anthem. Cou.#25, 4678 mi.
- ** 1001 Philippines. DZMM, Manila (Meycauyan Bulacan) mx 1550 12/15 and s/on anct 1558 mentioning ABS-CBN net, 1259 mi to Manila.
- 1025 Uzbek SSR. (perhaps already pointed out, bulleting not here yet) Tashkent is the evening station here, Not Omsk. And, per lists, Tomsk is the morning stn in German, not Omsk.
- 1026 Hong Kong? A beacon signal "KT" hrd 1620 12/18, surmise this may be a harmonic from longwave, Kai Tak airport.
- 1070 Kazakh SSR? Alma Ata may be the Soviet 1414 12/15 with M&W in Russian, Dnepropetrovsk and others also listed.
- 1130 India. AIR Calcutta is the powerhouse you might imagine, at 1038 miles, still, DZHP overrides them now and then. AIR logged at 0835 12/8 with news in Gen'l Overseas pgm and features during following hour.
- 1140 Malaysia. Kuantan, at 1829 12/12, Benson and Hedges ad in EE, 6-pip TS, Malay ID and news in EE, no QRM from VoA.
- 1160 Malaysia. R.M., Malacca, English, 0608 12/13 news about Singapore, etc.
- 1178 China. Usually wideband jamming here, but 12/11 1815 a piece of music heard that must be played hourly on every Chinese stn, doubt therefore it was VoA; Chinese talk top.
- 1190 Philippines. DZRM, Manila, w/EE anct 1600 12/22 and way under HLKX.

- 1196 Jammer here seemed distinct from 1178 and 1200 jammers, hrd 1435 12/14.
- 1200 China. Presumably the source of jamming here, too, probably against BCC, Taiwan, which may have been the audio hrd under neath; noted at 1103. 12/12.
- ** 1210 China. Apparently a new Foreign Svce freq with Radio Peking in English at 1340 12/8, powerful, but where?
- 1210 Japan. JOOR Mainichi Hoso, Osaka, interjections noted from a commercial Jap station, strong at 1607 12/15, 2476 mi.
- 1220 Thailand. AFTN, U-tapao, fair signal on channel usually dominated by China, 1418 12/15 with rock mx, USAF spot, TST TC, 1438 a familiar voice, (Mao? hi, Ed.) and 1503 // 2900 (local AFTN 1450) for news. (U mean 1220 // 1450, hi-Ed.)
- 1220 China. Believe I caught local ID for Chengtu (Szechwan) (the only one listed), folo by mx, at 1055 12/12, fine strength.
- 1240 Vietnam, Dem. Rep. Hanoi closing pgm to American servicemen, perhaps beamed south as poor here, at 1828 12/11.
- 1240 Japan. JOTK Matsue (xmtr Izumo) NHK1, loud and clear with NHK melody 1456 12/22, a strong het came on just before ID but this is the only one listed.
- 1250 Asiatic RSFSR. Khab/Vlad (I don't know, either-gh), theme and Chinese at 1347 12/8, fair.
- 1259 Dodecanese Is. Rhodes VoA a cinch to ID with news in EE, IS at 1609 12/8, country #21, 4719 miles. Hrd again strong with nx in EE 1609 12/15.
- 1280 Malaysia. RM, Malacca, 1100 timesignal 12/12, Hindi ID, Chinese music.
- 1330 Japan. JOSF, Nagoya Tokai BC w/mx and JJ ads 1255 12/22.
- ** 1341 Philippines. DZMY (or DZBC?) Meycauayan, Tagalog timecheck for 3:30 (which came out in SS) at 1430 12/15 then US mx.
- 1345 Kuwait. Hrd before but now logged, w/Arab mx 1355 12/22, Cou. #29. There is a Thai here, or near here too, some hours.
- 1358 USSR. "Location not announced" per FBIS (since when did that stop CIA from determining location?-gh) 1710 12/15, M and W in Russian, timecheck for 1:10; soon as I get a loop working I'll DF it! (Location not announced by FBIS; their disclaimer no indication they know/don't know the station's QTH-Ed.)
- 1385 Kazakh (?) perhaps Ural'sk, Radio Moscow IS and Chinese ID three times at 1630 12/8, // 1367. (That 1385 or 1386?-Ed.)
- 1390 Japan. JOJB Kanazawa (xmtr Nonoichi) NHK2, melody 1526 12/22, ID 1530, then rapid fade.
- 1410 Muscat and Oman. BBC Masirah fair, but not the powerhouse I expected, commentary in World Svce at 1512 12/8. Not yet hrd on 701. Country #17.
- 1421 Cyprus. BBC Limassol, WS sporting coverage at 1747 12/8, if still lowpower, would be my best catch here so far, around 4500 miles and is country #22.
- ** 1460 USSR. Unlisted, "split" freq, too, at 1124 12/12 "Govorit Moskva" and on 12/13 at 1156 Internationale, and off. Perhaps s/off time is a clue to longitude. (Is this a separate station from the CC, below? perhaps designed to counteract them? Or, the CC is carrying pgms sounding like Russian?Ed.)

- 1460 China. Huhehot, Uber Mongol Ardin Radyo Nibtrelhi Horoni, evidently the outlet carrying Peking RR service // 1525; girl talking about Canadian and US communist parties at 1122 12/22. This is apparently the reason for the Soviet 1460 split, previously hrd.
- 1470 Japan. NHK2 commonwave, melody // 1390-1600 12/22 at 1527, max pwr of any one stn here is 1 kW.
- 1475 Asiatic RSFSR. Never managed a peep from this one in Denver or Enid, but got 'em now. 12/13 1159 TS, TC for dvatset chasov, and nx.
- 1480 Japan. Logged same as 1470, above. Also on 1520.
- 1484 Europe. That "graveyard" jumble, so sweet to hear again! At 1525 12/22.
- 1493 Euro RSFSR. Leningrad, a bit of a surprise, with Radio Moscow IS 1301 12/22 then Swedish ID hrd clearly 1302, news.
- 1510 Korea, So. AFKN Sports Brief 1346 12/22, then return to Night Sounds. Both Pyangyang-do and Pohang listed here.
- 1520 Thailand. Army station in Bangkok, listed "20 Pleng Lae Khao" noted with nx in English at 1838 12/12, strong, but some distortion phase-cancellation fading at 135 miles, end local nx at 1839 and into world nx, wx 1845, 1847 "we have now concluded our morning English program. Tune in again at 2200 hours" (= 1000 EST)
- 1525 China. Sinkiang not terribly strong, probably is heavily directional. (towards USSR-Ed.) A het here evenings, but at 1600 12/8, rather clear with Peking IS, QRM on same channel, and "Govorit Pekin".
- 1529 Italy, Vatican to you, distance (to Rome) is 5512 mi., at 1633 12/15 SS about papa, navidad católica stuff, ID 1644 and Italian 1705. In FF about le papa, (Croat sked here) 1327 12/22 then apparently Polish at 1430. With this kind of svce to SE Asia, not sure why they need Radio Veritas, hi.
- 1538 Germany, West. Was 12/8 a good high-latitude date, or is this reception fairly usual here? Hard to say since I work midnight shift 6 days a week. (Oops, nights-Ed.) First Euro, cty. #20 at 5563 mi. Noted with nx in Rumanian at 1542, believe 1586 and 1602 were also in, but QRN was stronger. In w/strong sig, German, 1357 12/15 just before was sked to begin Foreign Svce. Again, playing "in the Ghetto" 1219 12/22.
- 1538 USSR Asiatic. Soviet station mixing with Mainflingen (who were in Czech) at 1435 12/22, Chelyabinsk only one listed.
- 1540 unID. Perhaps Taiwan or Manila, girl giving language lesson in English ("the line pulls the hook, the hook pulls the fish...") 1715 12/15.
- 1550 Philippines. DYLA, Cebu City, at 1720 12/15 thick-tongued news in EE with such modifications as "bref meesage" (I QSL Schatz-gh), strong.
- 1550 Japan. FEN, Itazuke, 1005 12/14 weather for Japan, earlier, hrd talk and US mx.
- 1554 France. 12/15 was definitely a good TA (trans-Asia) night! Country #27, appx 5800 miles, my best distance (continued)

Noted first at 1641 with good carrier, poor audio with mx and ancmt and definitely in FF by 1702.

- 1560 Taiwan. AFNT Taipei, 12/8 1700 ID, wx, relay nx from AFRTS-Washington, (at AFTN we do our own news!) 1443 mi. Hrd 12/22 at 1358 playing SSB, beginning a "new day" (at 3 am local time) and giving station list.
- 1562 Switzerland? Beromünster very likely, mixing with at least 2 other stns, or so indicated wierd SAH flutter at 1418 12/22. (note that Veronica has changed freq.-Ed.)
- 1578 Norway. Frederikstad/Nordkapp, my best catch, 10kW max at 5370 miles, 12/22 "I'll never fall in love again" 1402, anct, polka mx, talk at 1410 which was definitely Norwegian by 1428. Country #30.
- 1580 Thailand. The VoA outlet here apparetly relies exclusively on OAR (off-air relay) from SW, probably double in fact, via Okinawa or Philippines, with resultant lousy sound. I don't know why they can't fly tapes in here, like they do to other relay points. (Well, with a "portable xmtr site" maybe the planes can't find it, hi hi=Ed.)
- 1586 West Germany. Langenberg likely to go along with D.L.F.-1538 and something on 1602, 12/8 1810 almost convinced myself it was GG, 1815 got some definite mx titles, still in mx at 1830. No doubt ECNA guys were listening at same time! Getting to be a habitual TA, routinely logged 12/22 at 1251 with YL in GG about mideast. 5622 miles.
- 1586 USSR. EBU lists it as 1585.9989 but assuming Langenberg is exactly on freq, SAH observed here (70/min) indicates it is closer to 0.1 Hz lower. Hrd 12/22 1359 Mayak IS, mising with WDR cl mx, then news in Russian. Is likely either Kurgan, Khabarovsk, Tartu, Dushanbe, or Kishinyof. (About freq determinations, I would point out that the indicated values are in all cases averages composed of many individual readings; on a short-term basis, the actual frequency of a carrier might vary by as much as a couple of cycles from one day to the next. Or, they might not vary by as much as 0.1 Hz per week. Unfortunately it is impractical to take these figures as indicative of the condition existing at any given moment, when accuracies of the order of 0.1 Hz are contemplated. Too, remember that the published information is by now several weeks old. This can be a factor here, too.-Ed.)
- 1590 Japan. NHK2 Commonwave, 1527 melody, 3 10kW stns listed.
- 1594 Europe. Bad bunch of hets here 1439 12/22.
- * 1595 Thailand. Stn previously reported here is 2nd harmonic of my local, RTAF-797 (blush). (Sri, WC DXers)(you too,CIA)
- * 1599 Philippines. WCNA guys, here's that het you've been hearing, hi. (Gee, I thot it was a Thai-E. Glotz) It's DZCH giving QTH as Bulacan Bulacan in EE s/on 1559 12/8 and giving many parallels, then morning devotion.
- 1600 Japan. My first NHK2 catch, JOKB Okayama, at 1553 12/15 w/ music box IS, 1530 JOKB ID.
- 1602 Germany, West. B.R. likely source here, for "Ghost Riders in the Sky" on electric guitar, 1520 12/15. -----30

RIO DX

Peter V. Taylor

Between November 19th-30th, I vacationed in Rio de Janeiro, and primarily noted the following: (1) an incredible amount of American rock music; (2) total lack of call letter usage on the air an in promotion; and (3) an incredible amount of distortion on most of the stations. The following is representative of the Rio radio dial. Note that the word "Radio..." is often not used before the station slogan; it is so noted. NSP indicates that the station is on 24 hours specifically including all of Monday mornings. Times where known are EST; all are in Rio except as noted:

- 550 Radio Eldorado. MOR, backgroundish; about 50% instrumental. Uses church bells on hour and half-hour as time signal.
- 590 Radio Relogio. Time ticks; mostly talk; three definite beeps on the exact minute. Some quiet music. NSP. Het in background at night.
- 680 Radio Copacobana. Among the most distorted. Primarily religious, but some music late at night.
- 720 Radio Carioca. Very distorted. Sign-on about 0257.
- 780 Radio Imperial, Petropolis (slogan not heard). Fair signal in Rio.
- 800 Radio Ministerio da Educacao. Some classical and educational programming. Transmits spurs on 780 and 820.
- 860 Mundial. Automated; sexy ID female voice on hour and half-hour. Upbeat popular.
- 900 Tamoio. Automated; a harder sound than Mundial. S/on 0300
- 940 Radio Jornal (do Brasil). Upbeat MOR with some talk.
- 980 Radio Nacional. NSP. Music with some talk. Also football.
- 1030 Radio Continental. A lot of talk between records over music.
- 1060 Radio Metropolitana. Slogan never heard. Varied popular. S/on 0300.
- 1090 Radio Federal, Niteroi. Slogan never heard. Variety programming.
- 1130 Radio Maua'. Most distorted of all. Some popular. S/on 0300
- 1180 Radio Globo. More talk than most of the others, and also more nationally, US-oriented commercials. NSP
- 1250 Radio Fluminense (this is the Niteroi district.) Varied programming. On 11/19, I heard a half-hour of C&W music 1830-1900.
- 1280 Tupi; Radio Tupi; Super-radio Tupi. Hard rock with personalities; NSP. Football.
- 1320 Radio Rio de Janeiro. MOR with some pops.
- 1360 Radio Guanabara. Same as above.
- 1400 Radio Roquete (correct) Pinto; the "Pinto" is left off most often. Some talk with MOR music.
- 1430 Radio Vera Cruz. Much instrumental.
- 1480 Radio Petropolis. Varied. Better signal than 780.

1490-1600

No stations in this range were positively identified. It is likely that the signals heard here were the following: 1490 Campos; 1510 Teresopolis; 1530 Cabo Frio; 1580 Rio Bonito (I did not look the latter up; it was one of the loudest "weak" signals though.)

NIGHTTIME

In addition to the above, the following were noted evenings:
630 R. Itataia, Belo Horizonte, Fair.

- 690 R. Mineira, Belo Horizonte. Slogan "Muito Mais Musica" off MM 0100.
- 720 R. Guiaba, Porto Alegre. Tape of s/off 2300 11/19.
- 790 R. Mitre, Buenos Aires
- 800 TWR Bonaire. Quite readable 2301 11/19 with Bible program and request for donations.
- 810 R. El Espectador, Montevideo (see 850)
- 850 R. Carve, Montevideo. 810-850-890-930 in Uruguay were heard in // with VOA SS broadcast of moon landing between 0000-0100 11/20.
- 880 R. Inconfidencia, Belo Horizonte, Excellent at night.
- 890 R. Libertad, Montevideo. See 850.
- 910 R. Splendid, Buenos Aires. Heard // 990 with VOA SS moonwalk early 11/20. However, the Argentinians did not carry as much of it as the Uruguayans.
- 930 R. Nuevo Mundo. See 850.
- 990 R. Excelsior, Buenos Aires. Definite ID heard during moon landing, // 910.
- 1010 La Voz del Aire, Buenos Aires. Probably the het here (see below)
- 1090 R. Imparcial, Montevideo. Everybody's friend is AN. Didn't make a tape.
- 1110 ?? Brazilian. I have a tape of an ID at 1545 11/21 which does not relate to existing known IDs.
- 1130 PRD6 R. Alvorada, Brasilia; not heard in Rio, but is on the air; not in WRH-69. Visited station.
- 1150 R. Mar del Plata, or rather R. Atlantica in Mar Del Plata. ID never heard, but good signal at night.
- 1160 R. Espirito Santo, Vitoria, fair at night.
- 1210 R. Nacional, Brasilia, fair at night.
- 1230-40 ?? Brazilian. Dial not calibrated well. Weak.
- 1300 ?? SS. During Programa Nacional, this was one of the few SSs heard. Signal weak; ID not heard.
- 1340 R. Guarani, Belo Horizonte. Fair in Rio; have a taped ID.

SAO PAULO STATIONS

No effort was made to identify Sao Paulo stations, since they were known. However, of significance is the fact that 540 and 620 were never heard. 670 wasn't either due to Rio's 680. 700 was poor; 840 was always mixed with Salvador, Bahia; 890 weak; 960 good; 1000 good; 1040 good; 1100 excellent; 1130 never heard (too weak; also Maua' in Rio); 1200 quite weak; 1260 weak as was 1300; 1370 never heard and 1410 weak, and off 0000.

PROGRAMA NACIONAL

This is broadcast on all Brazilian stations from 1700-1800 Monday through Friday. R. Copacobana-680 runs it at very low level. This is a good time to look for SS stations. Due to the late sunset (about 6:45pm local) not many were heard. "P.N." also noted on 730 820 1010 1080 1240 1390 1420 1440 1450 1490 1500 1600.

PROGRAMMING; THE LANGUAGE

I visited PRD-6 R. Alvorada in Brasilia, which claims about 53% of the audience in a 5-station market, and they claimed to do so by playing 50% American music (mostly rock), 40% Brazilian and 10% other. Most stations not only back announce the title and artist, but also the composer.

Radio Globo-1180 is the most commercial station heard. At 1610 11/21, spots for Gillette, "Whiskey Royal Label" and Chevrolet were heard back to back. The Brazilians are prone to stretch pronunciation; "boa noite" (good night) is pronounced "boa noitch"

and bom dia "bawm-dzhia." The number 2 is "dois" or "duas" depending on gender, and 10 is "daiz" as opposed to SS "dee-ace." Words starting with a T have sort of a "tch" opening; the verb "tirar" is almost "cheer-are." Radio Roquete is "Ro-ketch." I don't know if these pronunciation characteristics apply to stations in Protugal, but they are quite apparent in Brazil.

MYSTERY

In addition to the ones listed above, an unknown "Radio Central" using two sets of NBC chimes was heard at 0100 11/24.

ADDRESSES

(CF. WRH-69). Mundial-860 is at 417A Av. Presidente Vargas along with two other stations. Radio Maua'-1130 is at 251 Av. Pres. A. Carlos. No address was given for Metropolitana-1060 or Roquete Pinto-1400. However, the radio and TV phone numbers are given in the last page of the phone book along with police and other emergency numbers.

FM

Only three FM stations were heard, and two were simulcast. They are extremely low in power, and are used for STL (studio-transmitter link) purposes only. There was one independent FM, about 102mc, but in a total of three hours of listening, no talking or ID was heard. They did break with "Programa Nacional" with no ID on either side.

TOWERS

I only saw two radio towers the whole time in Rio, which must either mean that a lot of them are diplexing, or are using rooftop wires.



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

Glad to hear WEKG's TEST was heard somewhere besides Ky. With WGY & KGO on & KCMO on w/OC till 2:25am 11/24, I note WEKG was heard in Philadelphia, Lincoln Neb. & Dubuque. I am working on several more TESTs from the state of W. Va. which should lateralize in the next 90 days. DX here in new location has been above average: MM 12/15- WCVR-1320 Vt. in well for two IDs @ 2:07 & 2:09am; CFRN-1260 Alta. noted most of AM o/WWDC; KPCR-1530 Mo. w/ET & ID @ 2:15am o/KFBK; WAMO-860 Pa. noted w/R&B & many SIDs from 2:20am till 2:28 tuneout o/KONO; KORL-650 Hawaii noted best ever heard @ 3am w/NX. KRDS-1190 Ariz. @ 3:30am w/c/w so potent I thought 'twas WOWO. WHHO-1320 N.Y. @ 4:05 like a local, after power drop to 500w @ 4:26 still in fair o/WVOJ. Too much WIRE-1430 for KBRC TEST if it went off. I sat on 1510 for WNLC but only WMEX/CJRS noted. MM 12/22- WJWL-900 Del. in fair for TEST @ 12:56am w/ID & TT u/XEW; KDHL-920 Minn/ s/off @ 1:02 w/SSB; WKAQ-580 P.R. @ 1:50 w/SS SID dominating the frequency; KXRB-1000 S.D. TEST in @ 2:03 w/ID & c/w o/XEOY beautifully for beaming NNW; Radio Anguilla TEST in poorly w/Christmas mx & IDs @ 4:08 & 4:12 on 1505 due to WTOP/WJBK testing and very high HNL. No sign of WJDA-1300 KLIX-1310 KWJJ-1080 KCLR-1530 KVVY-1470 & KIRV-1510 TESTs; they didn't make it here due to HNL or strong stations dominating. Totals here since beginning anew 12/1 approximately 350 loggings. Best of Season's Greetings to all - back in 14.

PAT FLANAGAN - 4021 Sharon Park Lane - Cincinnati, Ohio - 45241

Greetings. Contrary to popular belief, I am alive & well & even doing a little DX. Scholarly activities & job have completely eaten up all my time, but now that I'm home for the holidays, I have time to devote to important things like DX, hi. I had a nice chat w/Jerry Conrad who has returned to his old stompin' grounds for the Holidays. DX goes like this: 12/8- WPTI-1530 Ga. in beautifully w/rr @ 1:40; WPAC-1580 N.Y. ET w/c/w excellent w/ID @ 2:30am; KORL-650 unnn noted w/fantastic strength @ 2:40, no sign of KYAK though. 12/22- WJWL-900 Del. ET heard @ 12:05am; KXRB-1000 S.D. ET 1:47am; KCBS-740 for first time also. I don't know how I ever missed them before, fine signal. I fell asleep while waiting for Anguilla-1505 & awoke @ 4:26 to hear a man talking, followed by Mel Torme; nothing heard after this. Was this Anguilla? Some SSS on 12/26 resulted in KREI & KXIC-800 @ 5:30. 12/28- Many TAs this AM, also heard was WHEC-1460 N.Y. w/NX @ 3am; KIXZ-940 was quite strong @ 3:25 as was CHSC-1220 w/ad for "Stop 29" restaurant @ 4:25. 12/29- Again good TA reception; WRYT TEST very interesting; so interesting I listened for over three hours & I didn't even try for anything else! Geoff Fox & Randy Kane could be called the "Larry Clicks" of the DX hobby! Upon returning to college I will be working at two stations - WEND-1580 & WWSF-1400. WEND TEST has been arranged (see Specials on P. 2) & WWSF Special will be forthcoming. 73 & Happy 1970.

CARTER SCHOLZ - 3 Somers Road - Tenafly, New Jersey - 07670

I'm finally getting around to Musing again. I've restrung my loop & all tuning problems have been worked out. Previously it would tune to only about 1300, but suddenly one night, for no noticeable reason, it started tuning up perfectly! H'mm, very strange. Anyway, it cuts down the images significantly, and since last Musing I've boosted the log considerably to 216. This past week I've added WMBR-1460 CMKP-670 WEA-M-1390 (unn, but first time entered in log) CKWS-960 WKAZ-950 WNYR-680 & WHEN-620 w/WIMJ nullled. All of the above were logged early evenings except for WNYR, gotten at SRS. I plan to DX heavily 12/22 (the big TEST night) so expect an updated Musing shortly. Oh yeah, strange pirate logged on 770 o/WABC; they IDed as "WERC, the double-spaced voice of Brooklyn". Wonder who that could be, hi.

JOHN JOHNSON - 318 Washington Street - Hoboken, New Jersey

And still they keep coming in! WREL-1450 Lexington Va. WKAY-1240 Glasgow Ky. WWPB, Burlington, Vt. WCVR-1320 Randolph, Vt. WSIG-790 Mt. Jackson Va. & WAMY-1580 Amory, Miss. And nice catch Sat. night in CKEC-1320 New Glasgow, N.S. I'd like to hear from owners of HALLICRAFTERS SX-96 & SX-100 RXes. 73s.

BOB KARCHEVSKI - Box 3151 - Daly City, California - 94015

12/30. I meant to Muse more often, but - you know! Anyway, I guess I might re-introduce myself. I'm 35, a Design Engineer for Lynch Communications System in San Francisco (telephone equipment) & have been DXing BCB exclusively since 1952 & a member of the NRC since 1961. I use a National NC-183D RX & a 68" box loop. Recent DX: CFCW-1060 Alta. 4:57-5am w/HI; KVVW-1370 Wyo. 4:22-4:32am, both on 12/29. I didn't hear WBAW-920 DX, WWSO-1090, HIMS-570 DX. Pat Taylor: I never heard KXRB on 12/22 after KOMO s/off @ 3am EST as KOMO continued w/TT. 12/25- KMEN-1290 4:45-5:15am. 12/22- KSLP-920 Tex. ET 4:58-5:51am; KIRV-1510 TEST u/KGA 4:45-4:54am; KGAY-1430 TEST Ore. good signal 3:58-4:21am; KLIX-1310 DX weak 3:33-3:53am; KWJJ-1080 DX Ore. I&C 3:05-3:30am; KGBS-1020 I&C 2:11-2:42am, KCMJ-1010 Cal. u/o CBR 1:43-2:09am; WLS-890 Ill. poor 12:12-1am. 12/20- KPNW*-1120 (*-verie) 2:23-2:53am. 12/15- KGA-1510 I&C 4:53-5:19am. I also heard an I&C SS I couldn't ID but gave time in PST & I got the idea it may be a USA station, on 1430 3:58-4:49am. Anyone hrlp? 12/1- KMER-950 TEST Wyo. poor fighting KJR & u/KABL slop, 3:53-4:33am. I spent 11/28-30 at ERBA Sacramento where I met Clarence Freeman, Randy Miltier, Bob Pietsch, Don Kenney and many others. I also saw Mike Northam, Ed Krejny, Randy Seaver and thanks to Don Kaskey for the hospitality. XEOY-1000 Radio Mil is pretty good here. They use their ID often, four note whistle 1212 (or, if you prefer, ABAB) where 2 (or B) is higher. I will try to Muse more often in the future, as I know ERC will like that. 73. (so will the NRC in general, Bob, particularly your WC friends -ERC)

FISH - Lincoln, Nebraska

Last issue I talked about compiling day DX - a very good suggestion has been made. (1) Send your best day DX catch of all time. (2) Send your best regular day DX - give frequency, call, location, date, time, loop or no loop, verified or just heard. Again - Day DX from 10am to 2pm your local time! A post-card will do - please make the effort & I'll see if a list can be published. (How about sending along your address? -ERC) Those of you in FDXC give a hand on the following: Some of the clear channels get pretty rough from Form #3 or so on, so please send to me or publish in Musings operating skeds, programming, etc. f/c, of those daytimers on tough clear channels - here are a few we all need in' f/on: 640 WHLO WOI WNAJ; 650 KIKK; 660 KOZN KSKY; 670 KBOI; 720 KUAI; 750 WMBD WHEB KSEO KXL WPDJ; 760 KFMB WCPS; 780 WCKB WBBO KSPI WAVA; 830 KBOA WNYC; 840 WRYM WVPO; 870 KIEV WHCU WCTL KJIM WFLO; 880 WRRZ WRFD; 890 WHNC KBYE; 1120 WUST WWOL KCLE, etc. Send them to me & I'll Muse them if you wish. Meery DX-Mas!

DICK TRUAX - 5101 Tamarock Drive - Charleston, West Virginia

Looking back this last day of 1969 it has been a pretty good year DX-wise from both Ky. & W.Va. 12/20 issue of DX NEWS arrived 12/29 so I missed several TESTs not listed in earlier issues. MM 12/29- WRYT-950 Mass. in like a local all AM w/Geoff & Randy at the mike taking calls. Thanks to ERC's call, I was alerted to WWSO-1090 Fla. @ 4am w/organ mx. WEET-590 Mass. was in weakly u/ Cuban @ 3:30am w/ID & TJB mx. ERC's mx on 630 is CJET which gave ID @ 4:32am. Too much WLEE for WKND-1480 TEST, too much WKEN/WMCA for HIMS DX to squeak in, no sign of WONS-1410 & WMEN-1330 TESTs if they occurred. 12/30- Many stations on for flood emergency in Eastern Ky., my old stomping ground. WMIK-560, WEKG-810, WTCW-920, WKIC-1390, WHLN-1410, WNKY-1480 & WART-1560. Also WHBT-1600 Tenn. & WRIC-540 Va. were on 7pm & later so possibly someone logged some of these daytimers. Total stations logged in the first month here in W. Va. now some-place close to 380. TA CX in past five days have been nothing short of fantastic, with four new countries logged in one night's efforts. More in Seven.

JOHN F. PINCKNEY - 2903 School Street - Alexandria, Virginia - 22303

Bonjour! DX here is GREAT. One help came from good ol' St. Nick who left a Realistic DX-120 under the Christmas tree. FDXC Foreign has two entries, PJB-800 & France-863. Speaking of PJB, RWYWDXC (whew) says PJB will increase power to 2,000kw. Well, there goes CKLW, hi. New Veries: WIS-560 S.C.

34 very short v/1, WGY WHO WTOP v/q (I got WTOP while in S.C. w/a portable RX). Other DX: WHP-580 Pa. fair 11/22, WIP Pa. Poor, WNOX-990 Tenn. fair 10/31, WPOP I&C 12/27. I heard WRYT TEST. Geoff Fox must have been colling the XR with platormate, hi. ERC, you should try daytime DX. So far WCBS in I&C allday, also WEEU-850. (I did John, & sure enough - WCBS was in here all day too, hi! -ERC) Remember as they say in Hamilton, O. WHOH - We're Hoping On Hasbrouck. Fred Knight will get drunk tomorrow on WWDC (12/31) so I'll be listening. Three dirty letters - N S P. 73.

CLIFF RENO - 75 Parish Road South - New Canaan, Connecticut - 06840

Hello everybody! I hope everyone had a great holiday season. At this post, Santa didnt bring much DX on Christmas (the CJRC & WNEF TESTS unheard) but he came w/lots of other things, hi. DX since 10/27: WNAK-730 Pa. f/c; WGSN-740 N.Y. TEST; KQV-1410 Pa.; WABY-1400 N.Y. 11/7- WWSW-970 Pa.; WKNY-1490 N.Y.; 11/8- WGR-550 N.Y.; YVJ-550 Venezuela; WLYX-1360 Pa. 11/10- WMC-790; KFJZ-1270 TX; WPNX-1600 Md. f/c. 11/11- WAKR-1590 O; WEEZ-1590 Pa. 11/18- HJBJ-640 Colombia; CMGN--720 Cuba. 11/19- CFGT-1270 Que. 11/9- WWSC-1450 N.Y. WGH-1310 Va., CFCM-1310 Ont. 11/27- WWLE-1170 N.Y. 11/280 CHIR-730 Ont.; WSLR-1350 O. 11/29- HJER-1025. 12/2- WSAW-1470 Pa. 12/5- CKVD-900 Que. @ SSS. 12/8- WKOQ-1560 Ga. ex-/WCIK/WKGO on ET. 12/9- HISS-620 Dominican Repu blic #2, WCAR-1130 Mich. al so @ SSS. 12/14- WEHW-1480 Conn. @ s/off 4:44pm; WFAW-1470 Pa.; CHIN-1540 Ont.; CKRB-1460 Que. w/FF. 12/25- CKVM-710 Que. o/WOR @ times. 12/27- HJDK-750 w/YNX /WSB. Veries: v/1- WNAK-730 WWJ-950 CJRP-1060 WHIL-1430 w/CM WIXZ-1360 TGN-725. v/r- WANZ-1380. v/q- XEG-1050 TGN-725 KGO-810 w/CM YVLL-670. Totals now 352/132, 40/29, 6/4, 21/13. Welcome to New Canaan's third NRCCer, Rick Vitt. Since I haven't been heard from in a while, I'll give you a brief re-intro. I'm 15 & a sophomore at N.C.H.S. RX here is a Hallicrafters 5RIA w/two longwires. I am building a FISH type "roll your own" loop. Well, I've said enough, 73, good DX, and Peace!

JAY MURLEY - 1733 Candlestick - Newport Beach, California - 92660

I had great hopes for Christmas Eve DXing, even if it wasn't a MM, but HNL & a solid path to middle-Atlantic & North-Central states combined to prevent reception of such targets as HJKA-540 RJR-770 St. Lucia-840 YSLA/4VEEC/HJCE-890, etc. At least I relogged ten of 28 holdovers from the FDXC form. Thinking of Dave Fischer's contest, domestic entrants looking for daytime bonus points shouldn't overlook potential parallels on forthcoming religious broadcast logs. Ted Armstrong's distinctive delivery on widely-aired "World Tomorrow" will offer easier firm IDs on distant daytimers & buried graveyarders. And re Fish & distant daytimers, per Dave's recent request to all, best daytime DX for me: From S. Cal.: KVI0, Cottonwood, Ariz. 1000, @ 4pm days with KWOW, Pomona, Cal. off w/XR problems; about 1pm PST on an illegible date last year. From Ariz., KPCC-1240 @ 1pm, Pasadena, Cal. early one Sun. afternoon in '67--'68 season. Their current acid rock sked for the AM is 10am to midnight, Sun-Mon. & 10pm to 2am Wed. Thu. EST, but watch for QFM from KGFJ-1230 whose R&B format shows some playlist duplication. KPCC offers easy FM parallels in S. Cal. at 106.7mg.s and by hetway, it's the nation's only acid outlet with studios in a church basement: the very establishment Pasadena Presbyterian Church, who long owned the outlet. And, good to see Don Reynolds back in the Musings & IDXD!

BOB HOSTETTLER - 155 Territorial Hall - U. of Minn. Minneapolis, Minn. 55455

Happy New Year! My two weeks home from school has brought me the greatest abundance of DX since I started back in 5/66. Here's a rundown (* means it was reported): 12/22- WLDY-1340* @ 1:42am on r/c (report #2); KXRB-1000* @ 2:13 on end of TEST; KISD-1230 noted @ 2:31, then quickly disappeared; KLIX-1310 heard very briefly w/ID @ 3am u/TT (who had that?); Anguilla-1505 in for several minutes @ 4:10; WKMF-1470* from 4:30 s/on till WOH0 s/on @ 4:45; unID-1540 w/mx from 5:04 w/KXEL off; ZNS possibly? CFC5-560 heard @ s/on w/O Canada @ 5:46; Belize-834 best yet @ 8:20pm; routine reports to KCMO-810 & WNUS-1390. 12/23- CKPC*/CKLC*-1380 @ 5:20-5:28pm while trying for WBEL. 12/25- CJRC-1150 very briefly w/EE ID @ 2 23am; KGKO-850 w/s/off-SSN @ 6 01pm; CFCB-800* solid 6:03-

-6:32pm; FF-710 o/WHB from 6:38pm; could this be CKVM? 12/26- KGRN-1410 o/looped KBH @ 9:28am; routine reports to KSMN-1010, WOKL-1050 & KFIL-1060; WPDX-750* to 5pm s/off. Later I got some audio on 764 & hets on 755 & 854, but no IDs. 12/27- WLOT-1300* good testingw/mx @ 2:38am; WKNR-1310 w/rr @ 2:56; WJSJ-810* ET/TT /OC @ 3:03; must've been using 50kw; CHNO-900* good @ 3:24 w/rr & announcing move to 550 on 1/1 (third report to them); WJMS-590 finally good enough for report @ 12:43pm; WIVS-850* @ 5pm very QRMd by something which sounded // to something on 860, maybe CKVL? KEYL-1400 w/spot @ 5:49. 12/28- CKX-1150* @ 2:39am w/rr; WJIM-1240 atop w/rr @ 2:46; CKSL-1410* o/WING w/c/w @ 2:55am; WHEC-1460 @ 3:20 w/MoR; CFSL-1190* nicely atop WOWO w/hockey @ 5:02pm; KDFN-1500* good @ 5:41 s/off; WJIL-1550 strong @ 5:45 s/off; KNBI-1530* @ 6:16 s/off; KCLR-1530 very good @ 6:30 w/ID. 12/29- WKND-1480* surprised me @ 2 w/TEST; CKWW-580* in weakly w/ DX @ 2:26; WRYT-950* in at various times from 2:42-4:25; KRIG-1410* o/looped WING @ 3:17 w/MoR; WPOW-1330 fair @ 3:54 SSB s/on while looking for WMEN; WBAW-920* solid on DX o/CKCY/WOKY OC @ 4; WWSO-1090* in for a few minutr @ 4:25 before fading into the mess; Cuban-570 w/IS @ 4:59; WXYZ-1270* barely atop from 5:02; CJCB-1270 surprised @ 5:25 w/AST TC & c/w mx. I must be o/30, so I'll get to moreDX next time. Totals as of 1/2: 907/400 45/43 8/6. 73 & Peace in '70!

RICK EVANS - Box 1988 - Gary, Indiana - 46409

Happy January. No trouble yet writing 1970, but I can't get used to using 1 instead of 12, hi. DX: 12/24- KPFL-1420 La. r/c 1:10-1:25; WGEA-1150 Ala. 1:30-1:45 r/c. 12/28- KCKW-480 La. r/c 1-1:15; then some SSS for a change KOSE-860 Ark. 5:44pm for just a moment, then KOAM all the way, unn; KFNW-900 N.D. s/off 5:45 for a surprise; KSCJ-1360 Ia. w/ABC NX @ 6pm; KLRX-1450 Mo. ending NX @ 6:06. 12/29 Good for me w/11 new stations: WKND-1480 Conn. Special in very good @ 2:25-2:31, almost missed because a girl friend called & we talked for better than an hour; KMJ-580 Cal. in poorly @ 2:44-3; WMEN-1330 Fla. Special in 3:31 3:47 fair; WALE-1400 Masw. w/test 4-4:10 heard until tuneout, I thought I had finally flipped - they repeated the same 11-word ID time & again, & it took me seven minutes to figure it out; WWSO-1090 Fla. in real good on Special 4:12-4:29 almost laughed to death; KVV0-1370 Wyo. Special extremely poor @ WSPD 4:31-5am; WMAN-1400 O. s/on 5 w/SSB; WANV-970 Va. 5:37-5:41 saying it was a r/c (on a 5th MM?) WCMR-1270 Ind. 5:50 s/on finally for one I've been chasing for 3½ years; WBHC-1270 S.C. 6:07 w/WX but didn't hold. 12/31- WILY-1210 Ill. 5-5:17pm w/HS BKB. 1/1- WGBF-1280 Ind. w/NBC programming, also much-wanted. 1/2- WHBG-1360 Va. r/c 1-1:15; KVOX-1280 Minn. r/c 2:05-2:20; WLSI-900 Ky. r/c 3:30-3:45; WGOK-900 Ala. r/c 4:45-5. All times AM unless noted. Veries: v/1- WYXI. v/r- KTHN. v/c- KCBS. I had hoped to hear my 900 by 12/31 midnight when Jan. rolled in. I didn't make it, only 899. Totals now 905/427. WYXI reported that r/c is first Thursday, 2:15-2:30 EST. WDEE-1500 has been heard w/new calls, ex-WJKB!

LEN KRUSE - 1675 Glen Oak Street - Dubuque, Iowa - 52001

The latest DX at this den included the Special DX TEST on 12/15 from Station WHHO-1320 Hornell, N.Y. from 4-4:30am, but I did have considerable interference from AN WILS in Lansing. The 10kw. daytimer KXRB-1000, Sioux Falls, S.D. was logged w/its TEST broadcast on 12/22 for a new logging. Then on Christmas morning, the FF language station CJRC-1150 Ottawa w/its 5,000w pushed through the heavy QRM from Aner CKOC, Hamilton, but nevertheless logged sufficiently to add this 1½-year-old to my DX Log. The morning of 12/29 found three additions to my DX Log, namely WKND-1480 Windsor, Conn. TEST 2-2:30, but w/some KBOX, Dallas QRM. Aner CFOX-1470 Pointe Claire, Que. that we visited in 9/66 was finally logged w/its AN show, & the third catch was Station WWSO-1090 Monticello, Fla. w/its DX TEST from 4-4:20am, and coming in well in the Midwest. The latest verification added to my collection was Station KPUI-1560, Sullivan, Mo.

J. W. BRAUNER - R. D. 1 - Box 61 - Punxsutawney, Pennsylvania - 15767

Updating the loggings since last report, KESM-1580 heard @ 6pm s/off on 12/9. WNRK-1266 surprised w/a clear ID @ 6:25am on 12/10, never heard

here before. Another new call, WDX-1460, @ 5:44pm s/off, can be heard most every day. WWLE-1170 shows surprising signal here, can be heard u/super WWVA most every PM for a time before 4:30pm s/off. Of the 12/22 DXes, not much heard. KXRB-1000 heard w/a few IDs near 1:45. A noisy night here, none of the others heard. On 12/29, both NRC Specials in from Mass. WRYT in at all times but badly chewed up by others. WKND's block-busting signal was S-9 plus 20 & way on top - both interesting shows. WEHW used to show good signal here too, sometimes on RS. All above heard w/eight-foot indoor wire. I am rebuilding my old loop again, after reading "roll your own" last week, to start the New Year. P.O. is really outdoing itself these days. 12/20 DX NEWS arrived on 12/29. I'll have to try Indian Courier if first class shows down much more. May all have a big DX year in 1970! 73. (I hear the Indians are slowing down too, Joe -ERC)

CHRIS LUCAS - 89 Round Hill Road - Fairfield, Connecticut - 06430

It's 1/1 & I've just spent the afternoon going through my logs. I find one discrepancy, as I have 991 U.S. stations logged, 124 Canadians, & 130 other foreign, which gives a total of 1,245, but my sequential logging list shows 1,253. So now I have to dig through & account for those other eight stations. I ended 1969 w/1,252 loggings, 369 QSLs, states 48/48, provinces 9/9, countries 38/17. 1969 netted 46 new ones, a drop of four from the previous year. DX: 12/22- KV00-1170 finally @ 1:45am. Looking at map I see I'm directly in line with Tulsa & Wheeling, so I must be right in KV00's null. KXRB-1000 Special S.D. @ 1:52am, signal not too bad, but XEOY QRM existed. Also that AM, WJWL-900 TEST notice @ 12:27 u/CHML/LEW, & RLA Special WAGM-950 poor u/WPEN @ 12:28 am, both unnn. WJDA TEST not heard here, so probably not on. I tried for KRIS-1190 which everyone seems to be able to hear, but all I get is IC, & WHAM slop when nulling the OC. OC also there on 12/29; it is CBNC-1190 Nfld? It's about same strength as I remember this relay having several years back. 12/27- WUFO-1080 N.Y. u/WTIC @ 4:32pm, & WBZY-1140 Pa. o/u WRVA @ 4:48pm. 12/28- WMIM-1590 Pa. @ 4:45pm s/off, CKGB-680 Ont. @ 6pm. 12/29- WQMS-1050 Va. o/XEG/CHUM w/f/c from 12:16 through to 12:21 s/off. They were simulcasting FM AN program. XEVIP-1560 Mexico City logged in EE @ 12:50am, WWS-D-1090 TEST on top @ 4:02 for Fla. #65. WBA-920 TEST from Ind. good o/WMEG/CKCY @ 4:15. Also that AM, WRYT-950 TEST unnn noted @ s/on-SSB @ 1:18 o/u WPEN AN. WKND-1480 unnn TEST (first time w/this call however) on top 2:09am, WEEL-590 TEST unnn o/u CKEY @ 3:01am, WALE-1400 Fall River ET w/continuous IDs somewhere around 3:30. Also unnn WONS-1410 TEST Fla. @ 4:50 o/u WING/o/KQV. 12/31- WAPI-1560 Ky. on AN for emergency flood CX @ 2:40am. I started the New Year right w/previous fourth closest unnn heard, WERA-1590 @ 11:55am (How 'bout you, ERC, hi?). ((H'mm 1/1 - the Morning After - M'mm. -ERC) Now to find WKQW-1300 WKIP-1450 & WICH-1310. 73.

ALAN MERRIDMAN - Box 6 - Fairfax, Virginia - 22030

Well, here it is 1/1 & I thought I would get a Musin while watching FB. Dec. is a bad month for me DX-wise as my work sked of 10pm-10am, seven days, didn't leave much time for listening until this last MM. A few new veries in from TGT-1187 WSVS KLLA WPAQ HJJM-660 WNAE & HJHN-950. New DX here: 12/4- WSVS-800 to s/off @ 5. 12/8- Long-wanted WPAQ-740 w/ET/TT/mx @ 2:45am. 12/22- I managed to wrangle a couple of hours off to try for all the sked Specials & I as very disappointed. Only one heard for sure was KXRB-1000 w/a fairly good signal @ 1:51, some XEOY QRM. Possible Anguilla, someone there but extremely weak & Summer-like static here made any copy impossible. 12/29, a very good morning w/four of the Specials making it here. WRYT-950 o/all @ 1:30, & stayed on top for most of the next half hour. WKND-1480 generally on top 2:22-2:20 w/a good program. WEEL-590 tough u/Cuba @ 3:35 but I did manage a log. WWS-D-1090 excellent @ 4, completely alone on the frequency. WBIG-1470 good @ 5am s/on so I decided to log them. I also logged three new foreign stations this morning, including a good signal from 500w HIFM-1090 at their 4:25am s/on, this w/WWS-D looped. One to look for. I will close for now by wishing everyone a very Happy New Year and much DX in '70.

FRANK WALDRON - 65 Lakeridge Drive - Matawan, New Jersey - 07747

And now ladies & gentlemen, DX: 11/30- I listened on the big Roy's DX Machine after the wingding (thanks for the award, Ernie), but CX were blah. WRFC-960 TT @ 3:08. WCOA-1370 weak @ 1:30 w/WSPD off RS. 12/2- WLYC-1050 to 4:43pm s/off w/WHN nullled. WCEF-1050 rr & NX @ 4:44. 12/7- CX Aurora-ish. WEMJ-1190 briefly o/WOWO @ 1:05 w/AST TC & SS-rr. MM 12/8- CJSA-1230 tentatively reported as the FFC u/strong ET/mx to 1 s/off-NA. BBC-881 at a fair level w/R.Four NX, "Good Morning, Wales: program @ 2:10. WITI-1530 TEST showed up late, but was quite strong w/rr to 2:30 s/off. 12/12- WEPM-1340 neatly atop at w/MBS NX & local stuff 4:29-4:38pm. 12/13- WNEW off, someone w/OC/TT looping W o/WCAR/WISN @ 1:15. And now, the Epic DX Session of 12/15 recounted in full detail - nine new ones, one new state, five catches o/2,000 miles, seven o/1,100. CKMP-1230 NX to 12:09 s/off-GSQ. WNIA-1230 real poor @ 12:27 s/off. And now the good stuff. CKSB-1050 w/non-stop semi-cl mx to 1 NX, s/off-NA @ 1:05, sometimes atop CHUM/CJIC/XEG, all FF. 1:58, unID ET-rr w/ID between each song looping SW on 1320 u/WCVR TEST OC. CNA-1270 @ 2 03, no ID (??-ERC), better luck next time. WNEW was again off. My attention was grabbed by someone u/WCAR @ 2:15 w/talk. "No, couldn't be", I thought. A play on 1140 weakly o/u rr u/OC turned out to be KRAK, s/off 2:31. KSOO-1140 State #45 ET/OC/mx @ 2:34, strong. Back on 1130 @ 3 I held my breath for a full minute as an MoR so slowly faded in u/WCAR, clear ID into NX @ 3:01 by CKWX for B.C. #2. But the really exciting thing was a religious program u/WCAR/CKWX, is this KSDO, Wcers? And that's not all - rr song on 1140 @ 3:13 ended, & in floated a KLUC ID & jingle, Nevada #3. They had a real good signal here, way u/KLUC the rr finally IDed as CKXL, Alta., very weak & unreportable. CFAC-960 u/CHNS w/promo 3:24, then mx, NX @ 3:30, etc. MM 12/22 - WAVI-1210 ET/mx u/WCAU OC @ 12:27. UnID SSB s/off-1270 weakly @ 1:07. Good TA night. A probable Holland-1007 w/man talking in German-like tongue @ 1:27. BBC-1052 oft seperable 1:45. Finally got a log on Dakar-764, very strong w/YL in FF 2:35. KCMC-740 weak w/c/w & the Cuban looped 2:45. 12/25- WMCA nullled, someone u/ WKBN/WMCA w/NX 1:03, looped W. WNAX? 12/26- CSB9-782 w/IS shimes @ 12:40, strong next to WBEM RS. KRCC-1560 ending ET/rr 1:16. BBC-809 w/WGY off, @ 12:28am.

JAN BURGER - Van Blommesteinstraat 4A - Delft 2203.3, Holland

This being my first Musings, I'll give you some info about myself. I'm 22, University student and started DXing in '66 on-all bands. I've done some BCB from time to time, but only seriously since joining the English M.W. Circle last year. I use a domestic Philips with 10 tubes, not really selective enough for M.W. but since constructing a 40 inch box loop a lot has improved. At the moment I've QSLed 94 stations from the U.S. & Canada from 32 states/provinces. Besides the NA continent, the Caribbean also interests me and I've varied so far from Cuba, Dominican Republic, Puerto Rico, U.S.V.I., Martinique, N & S Netherlands Antilles, Guadeloupe, Swan Is. & British Honduras. At the moment, CX are very good for Nfld to Texas, but not 'inland' to Ill. (Cubans dominating most of these channels). Recent loggings: 12/17- CJRP-1060 @ 9pm EST w/mx, WX, in FF. 12/18- CBE-1550 @ 8:15pm w/c1 mx, WLW-700 @ 9:38pm w/WX. 12/20- WHAS-840 @ 8:30 pm w/sports, WOAI-1200 @ 9:20pm w/ads. My latest veries are: Two nice v/1: WBBX-1380, v/qs WKYC-1100, CBV-980, WSM-650, v/1 & v/q- WSPA-950 (first in Holland), & a v/q from CHCM, Marystown, Nfld., 560, mentioning a Special program for ham operators in the U.S. on Jan. 4, 1970 from 1:30 N.S.T. to 2:30 a.m., program of IDs & million sellers of 1969 (Nfld. Standard Time). Although it's probably too late, I thought I'd mention it. Well, that's all - 73s. (Welcome to the NRC, Jan! We hope to hear from you often! Happy New Year! -ERC)

Everett Johnson - 504 16th Street - Mendota, Illinois

Sorry I have not been DXing this season but since 8/1 I have been working six days - ten hours most of the time. I still enjoy reading DX NEWS & always read Musings - seems that veries are really hard to get now-a-days. If I ever get caught up on work & get back to 40 hours I will get in some DX. Best wishes to all NRCers in the new year.

CANADIAN BROADCASTING CORPORATION
SOCIÉTÉ RADIO-CANADA

P.O. Box 478
Terminal "A",
Ottawa 2, Ontario.

16th December, 1969.

Mr. Glen Hauser,
1312 West Oak Avenue,
Enid, Oklahoma 73701, U.S.A.

Dear Mr. Hauser,

Enclosed is a QSL card to confirm your reception of the signal from CFFB Frobisher Bay on October 27th, 1969.

CFFB began using its increased power of 250 watts on September 10th, 1969. We have received the occasional report from the mid-West since this increase.

The antenna is a single, guyed 150' radiator with umbrella top loading consisting of 9 radials extending to the skirt which joins the guy wires at a distance of 90 feet from the apex. The ground system consists of 90 radials, 260 feet in length.

For your information, I also enclose a booklet on the activities of the Northern Service.

Yours sincerely,

Gillian A. Godfrey

Gillian A. Godfrey (Miss)
Information Officer
The Northern Service

Enclosures

For Glenn's
Reception from
Denver -

SUPREMACY RATINGS

Norm McGuire

<u>Dxer</u>	<u>Location</u>	<u>T.V.</u>	<u>Ctys</u>	<u>VAS</u>	<u>VCP</u>	<u>For.</u>	<u>Africa</u>	<u>Best</u>
L. Kruse	Iowa	4003	15	?	?	77	--	
W. Routzhan	Pennsylvania	3095	46	50	10	369	--	
N. Maguire	New Mexico	2839	53	50	10	391	1	Algiers 1176 50kw
E. Johnson	Illinois	2759	28	49	10	283	--	
G. Allen	California	2700	55	49	8	490	1	R. Senegal 764
S. Drake	Pennsylvania	2342	55	50	10	305	2	Sierra Leone 1210
F. Wheeler	Pennsylvania	1603	23	50	10	180	--	
R. Anderson	Virginia	1434	98	49	?	419	26	WIND, Novasser 400w
A. Rugg	Quebec	1368	53	47	10	1182	3	Cairo 773
D. Reynolds	California	1330	74	50	10	450	2	Dakar 764 20kw
C. Freeman	California	1323	60	45	?	329	1	Dakar 764
A. Merriman*	Virginia	1133	78	49	10	222	6	Sierra Leone 1210
H. Gustafson	Illinois	818	90	50	9	274	16	CR6RZ Angola 872
J. Starr	Ohio	814	41	50	8	148	2	Agadir 935
B. Reynolds	Missouri	783	24	45	8	95	--	
J. Kadet*	Maryland	703	12	49	10	41	--	
D. Whatmough	Ontario	652	8	49	9	570	--	
F. Waldron	New Jersey	600	20	43	9	110	--	
D. Phillips*	Alabama	549	25	43	3	40	1	R. Senegal 764
A. Slater	England	534	130	33	6	524	53	Djibouti
G. Scrimgeour	Ontario	486	44	50	?	407	1	R. Senegal
D. Erickson	California	440	6	?	?	9	--	
R. Woods	Hawaii	428	43	?	?	420	--	
B. Dangerfield**	Pennsylvania	403	105	?	?	328	27	Pietermaritzburg
C. Mohr	New York	400	15	37	6	67	1	Dakar 764
R. Eddie	Missouri	342	8	38	5	23	--	
M. Sorensen	Ontario	340	8	37	5	260	--	
D. Carlson*	Illinois	312	11	41	5	32	--	
H. Wilkinson	California	301	55	?	?	286	1	R. Senegal 764
J. Neff	New York	280	28	42	9	84	1	R. Senegal 764
R. Richman	New York	329##	8	34	6	45	--	
H. Robie	Massachusetts	254	82	48	10	140	8	R. Sahara 2kw
M. Northam	Oregon	253	13	39	6	51	--	
B. Raczko	Ohio	252	40	48	10	67	3	Sierra Leone 1205
R. Edmunds	New Jersey	226	10	42	7	56	--	
D. Eggert	Indiana	202	8	45	6	19	--	
J. Renfrew	Connecticut	186	14	29	4	36	--	
J. Pejza	California	169	13	32	5	42	--	
J. Conrad	Florida	167	16	33	3	24	--	
P. Kilroy	Washington, DC	165	28	43	9	43	1	R. Senegal 764
C. Reno	Connecticut	106	22	25	4	58	--	
R. Schneider*	Wisconsin	29	3	?	?	?	--	

VAS = verified all 50 states. VCP = verified Canadian provinces. Next month, European totals and best verified. Please send all reports to me after January 15, 1970 to: 2877 Kalakaua Ave., Apt. 704, Honolulu, Hawaii 96815. 73 and Aloha, *Norm*

