



DX News

OFFICIAL PUBLICATION OF THE
NATIONAL RADIO CLUB

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January 6, 1968

HEADQUARTERS SECTION: John A. Callarman, Exec. Secretary, P.O. Box 99, Cambridge, Mass. 02138

DUES INCREASE^{0.00}

This is the last bulletin that will be mailed under the old postage rates. Sunday, January 7th, new rates go into effect which would be 88¢ per member IF we held to our page deadlines of 20 pages for alternate issues when weekly, 30 pages otherwise. These page limits were set, by the way, when the publication of the bulletin was limited to one man and what help he could get from his family. As you are aware, we have at least four persons at each publishing session here, which means there is room for physical expansion of the bulletin. We have also noted that, as we discuss "horizon expansion" to update and modernize the DX NEWS format, a large number of members balks at the implied idea of limiting Musings, which would be necessary IF we were to expand our information program to present more "Technical and Technique" tips, more station information, more lists and other special features and still keep within the budget. It was with this dilemma in mind that your governing body, John Callarman, Ernie Cooper, and Gordon Nelson, huddled by telephone and decided on the following announcement:

Effective February 1st, annual dues for the National Radio Club will be \$10.00 for first class mail, \$7.50 for third class. For that \$10, members can expect expanded coverage of Broadcast Band DX, no page limits on the bulletin, continued improvements in the physical appearance of the bulletin, money to finance special projects like an official NRC log, including addresses and schedules of domestic stations, a thorough and detailed DX Handbook, an improved reference library of foreign and domestic sources, and new bulletin sections to handle key, important information.

We trust those members whose initial impulse is to oppose the increase will bear in mind the fact that for many years, the NRC has operated without room for any genuine expansion. With the cooperative effort of all concerned bulletins such as the one you receive today will be the rule rather than the exception. -- JAC

DX CALENDAR W2EB

			990	5,000	0100-0200	NRC
Mon Jan 15	WCMC	Wildwood, New Jersey	1230 kHz	500 watts	0100-on EST	NNRC
	WTZE	Tazewell, Virginia	1470	1000	0545-0600	NRC-F/c-TT
Sat Jan 20	WMCS	Machias, Maine	1400	250/1000	0000-0030	NNRC
Mon Jan 22	WILI	Willimantic, Connecticut	1400	1000/250	0130-0300	NNRC
	WPHN	Liberty, Kentucky	1560	250	0300-0330	NRC/test
	KAPS	Mount Vernon, Washington	1470	500	0300-0600	IRCA/test
	KOFY	San Mateo, California	1050	1000	0300-on	IRCA/test
Fri Jan 26	KIBE	Palo Alto, California	1220	5000	0300-m	IRCA/test
Mon Jan 29	KRNR	Roseburg, Oregon	1490	1000	0300-0400	IRCA
Sat Feb 3	WIRV	Irvine, Kentucky	1550	1000	0100-0130	NRC/IRCA/test
Mon Feb 5	KOFO	Ottawa, Kansas	1220	250	0300-0400	NRC/test
Thu Feb 8	WTSN	Dever, New Hampshire	1270	5000	0200-0300	NNRC

Details on WCMC, WTZE, and WMCS will be find on the reverse.

KWPC-860 in Muscatine, Iowa, notified Artie Krass too late for publication of a test program aired January 1st between 3 and 3:30 p.m. Artie was able to pass on the information to some NRC'ers, and we hope many more were able to stumble onto the program (whilst in the midst -- or avoiding -- the stumbling normally associated with that date.) If perchance you heard the test, reports go to Ralph Stormer, Engineering Dept., KWPC, Muscatine 52761

DX TEST INFO ...

WJNC -- This station will broadcast music by Lawrence Welk, voice and code ID's in this special program for the Newark News Radio Club. Reports go to Carlton S. Owen, Chief Engineer, Mapel and New Jersey Avenues, Wildwood, New Jersey 08260. (Info from John Tweedie)

WTZE -- A friendly letter from Garland A. Hess, General Manager, informs the NRC of its Third Monday frequency check, asking to notify all DXers. "We will be happy to verify all legitimate contacts," says Mr. Hess. Reports for this fine station go to Mr. Hess at WTZE, Fairgrounds Road, Tazewell, Virginia 24651. (Ernie Cooper)

WNCB -- Mark the date and time on your calendar for this very rare graveyarder, which presents a special test on this crowded channel for the NNRC. It will be a difficult logging, but should make it throughout most of the North Atlantic states. Reports go to Winston D. Chapman, President and General Manager, 12 Cooper St., Machias, Maine 04654. (Roger Greene)

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NEW MEMBERS ...

A hearty welcome to the following who join the National Radio Club with this issue:

- | | | |
|-----------------------------|-----------------------------|-----------------------------------|
| Jay Murley, General Manager | KIPN Radio, P.O. Drawer 430 | Phoenix, Arizona 85001 |
| Buddy Everts | 2030 Sunrise Blvd. | Eugene, Oregon 97405 |
| Danny Birch | 7517 Ley Road | Houston, Texas 77028 |
| Chuck Hutton | 1521 Fama Drive N.E. | Atlanta, Georgia 30329 |
| David E. Roys | 485 Seminary Ave. - Apt. 10 | Rahway, New Jersey 07065 (REJOIN) |

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OLD FRIEND ...

Dave Roys (above) spent the New Years Weekend with the Boston clan, or portions thereof, and it was good to see the former Indianapolis NRC'er once more. Dave is now a studio engineer with RCA in New York ... and we look for some interesting technical collaborations as Dave joins our ever-growing group of technically-oriented DX'ers who are sharing the results of their research with their fellow club members. And it's good to have still another "bus-man" hobby-wise join us ... you know the story of the guy who drives a bus for a living, then spends his vacation traveling across country by car!

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DOMESTIC CONTEST STANDINGS ...

<u>CONTEST #1</u>	<u>CONTEST #2</u>	<u>CONTEST #3</u>	<u>CONTEST #4</u>
1-Dave Carlson, Mo. 207	1-Joe Fela, N.J. 126	1-Dave Carlson, Mo. 26	1-John Gifford, Ill. 105
2-Marc DeLorenzo, Mass. 204	2-Don Kaskey, Calif. 103	2-Marc DeLorenzo, Ms.25	2-Jerry Conrad, Ky. 68
3-Bill Mittler, Colo. 192	3-Gene Mattocks, Calif.102	3-Mike Tannery, Tex. 25	3-Don Kaskey, Calif. 50
4-Mike Tannery, Tex. 183	4-Fred Nordquist, N.M. 52	4-Don Kaskey, Calif. 23	4-Joe Fela, N.J. 38
5-Joe Fela, N.J. 181	5-Frank Wheeler, Pa. 51	5-Fred Nordquist,N.M.21	5-Ron Ponke, Mich. 34
6-Don Kaskey, Calif. 165	6-Marc DeLorenzo, Mass. 51	6-John Long, Conn. 20	Marc DeLorenzo, Mass.34
7-Don Erickson, Calif. 147	7-Don Erickson, Calif. 51	7-Dave Prather, Cal. 19	77-Jim Neff, N.Y. 33
8-Frank Wheeler, Pa. 136	8-Sheldon Remington, Ct.28	8-Gene Mattocks, Cal.18	8-Gene Mattocks, Calif.27
9-Dave Prather, Calif. 128	9-John Tudenham, Okla. 25	9-Frank Wheeler, Pa. 17	9-Dave Carlson, Mo. 23
10-Gene Mattocks, Calif. 118	10-Randy Seaver, Calif. 24	10-Joe Fela, N.J. 17	10-Don Erickson, Calif. 19
11-Ken Jennings, Texas 112	11-Randy Miltier, Calif. 19	11-Don Erickson, Cal. 17	11-Fred Nordquist; N.M. 14
12-John Long, Conn. 112	12-Callarman, Tannery, Coday	12-S.Remington, Ct. 12	12-Clarence Freeman, Ca.11
13-R.T. Eddie, Mo. 111	Coombs, Northam, Hathaway	13-R.T.Eddie, Mo. 11	13-Frank Wheeler,Pa. 10
14-Fred Nordquist, N.M. 106	Hostettler, Brooks, Jngs	14-Randy Seaver,Calif10	14-Randy Seaver, Calif. 6
15-John Tudenham, Okla. 76	<u>CONTEST #5</u>	15-John Tudenham, Ok. 9	15-Randy Miltier, Calif. 5
16-Greg Seifert, Ohio 60	1-F.Wheeler, Pa. 11	16-Randy Miltier, Cal. 3	John Long, Conn. 5
17-Sheldon Remington, Ct. 50	2-Ron Ponke, Mich. 11	17-Callarman, Coombs, Nor-	17-John Tudenham, Okla. 5
Randy Seaver, Calif. 50	3-Marc DeLorenzo, Ms. 7	tham, Biss, Hathaway,	18-S. Remington, Conn. 3
19-R.L. Coday, Calif. 43	4-Joe Fela, N.J. 6	Hostettler, Brooks,	19-Callarman, Tannery, Coombs
20-Randy Miltier, Calif. 33	5-Don Kaskey, Calif. 5	Jennings	Northam, Biss,Hathaway,
21-Clarence Freeman, Calif.19	6-Don Erickson, Calif. 5		Eddie, Hostettler, Brooks,
22-Callarman, Coombs, Northam,	7-Dave Carlson, Mo. 4		Jennings
Biss, Hathaway, Hostettler,	8-John Long, Conn. 4		
Brooks, E. Johnson 0	9-Fred Nordquist, N.M. 4		
	10-Randy Miltier, Calif.2		
	11-Callarman, Tannery, Coombs,		
	Northam, Biss, Hathaway,		
	Hostettler, Brooks 0		

CONTEST MANAGER:
 Don Kaskey
 Hotel El Rancho
 P.O. Box 235
 West Sacramento, Calif. 95691

January 6, 1968

DX NEWS

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MUSINGS OF THE MEMBERS

DEADLINE EVERY TUESDAY

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

Doug Lamerson - 107-13 118 Street - Richmond Hill, New York - 11419

Hi gang! DX is really picking up at this den. I wish the same could be said for veries. The new f/c list is pretty accurate and is much appreciated here; big thx to Joe Fela. DX: 12/11- Long sought-after KTUF-1580 finally in at good level o/WSW/WCLS @ 6:55pm w/NX. Their Dec. s/off was 7:15. 12/12- WEMB-1420 w/r/c-TT from 12:31 am s/on till 12:42 off; WREL-1450 @ 1:03am tune-in w/r/c-TT till 1:16 s/off - they barely made it. WTRX-1330 on RS @ 2:50am w/WEVD off: 12/13- WTQX-1570 s/s/off @ 6:44pm; is this a call change in Selma, Ala.? (Yes -ERC) 12/14- WBLC-1360 w/f/c-DT from 2 07am tune-in till 2:15 s/off, CBAG-1550 w/CBE off @ 3:25am, then EE heard on 1560 w/American records @ 4:08am - is this XEVIP? Mentioned "Mx in Mexico" - tentative sent. At SSS, WDMG-860 w/religious @ 5:20, WAMY-1580 w/6:45 s/off. 12/15- Unk tester heard on 900 @ 12:32am, ID given at 12:42 and then apparently off. Could this be WEAS? Mentioned 5kw. WMNS-1360 w/ET/TT @ 12:49am tune-in till 12:50 s/off, then Canuck s/off w/"O Canada" @ 2am on 1420, Chicoutimi or Peterborough? CFTJ-1110 heard w/RS @ 8:45am through the mess along w/WHIM on same channel w/Ernie mx. Veries: v/c- WRIZ. v/1- WMAX KNUJ & WJMA w/CM. KNUJ has consented to do a TEST but rejected my original date & will submit another fery soon, say they. Here's hoping. Totals: 822/263, 40/39, 8/8, 22/11, 73.

Jeff H. Ross - 125-12 Cronston Avenue - Rockaway Park, New York - 11674

Hi fellas. I hope you had a Merry Christmas & a very Happy New Year. DX has been great; w/wild Auroral CX present. 11/30- WEMP- 250 Wis. nice signal @ 4:55pm. 12/12- WEVA-860 Va. @ 4:54pm u/WOAY, W.Va., umm; WJOT-1260 SC @ 5:12, and WHAB-1260 Ga. @ 5:25. 12/18- WKLV-1440 Va. @ 4:56pm; WOBs-1360 Fla. 5:29 s/off, WMCK-1360 Pa. noted @ 5:32; WKYR-1270 Md. @ 5:43. 12/21- WAXE-1370 Fla. @ 5:25, WBYE-1370 Ala. @ 5:43pm, WCOA-1370 Fla. @ 5:59. Then on 12/22, I had one of the best DX days in quite some time, w/local WHN-1050 noted off the air from 5:05pm until 6pm tuneout. The clear frequency yeilded the following: WRMF-1050 Titusville, Fla. from 5 09 to 5:30 s/off. They're only 500w, but they were a clear, solid 40db o/S-9! WRFS-1050 Al under City, Ala. noted @ 5:40 along w/WACR in Columbus, Miss. Mystery: A station on 1050 had a EX report @ 5:58:30, & then began s/off information, followed by SSB which began exactly 6:00. What's this? Here are some other mysteries for you: 12/18 @ 5:30pm, a station w/1,000w s/off on 1360, no SSB. 12/20, very strong SSS @ 5:29:30 on 1580, also a station on 1550 s/off @ 5:59:30 way o/another station, not CBE. 12/21, 5:44pm, s/off by 1kw. station on 1580. Mentioned XR and studios are located one mile S of ---, also s/off-1370 @ 5:58, followed by SSB @ 5:58:30, very weak. v/1- WJOT. v/pp- WAVA from Sept. That's about it, so keep your knees loose, and may WHN go off again soon. Oh yes, one last bit of info. 12/20- WRMC Monmouth College noted on 1175, killing a SS station @ 5:30pm. v/1, WEMP. Good DX.

Steven R. Russell - 8914 Mohawk Lane - Bethesda, Maryland - 20034

DX: 12/16- WBHC-1270 r/c-TT 12:38-12:45. 12/18- WRAK-1400 TT 1:14-1:32a & on, WFTL-1400 2:04-2:12 TT, WCOK-1060 r/c-mx 1:36-1:46, WYND-1280 TEST w/a fast-talking N 3:02-3:20 o/u CHMS. Also a log taken on WLOF-950 2:47am, they really wreck that frequency. 12/19- WVOP-970 r/c-mx 12:33-12:46, CHSC-1220 in very strong at their 1:1 s/off, also coming in o/KYW was CJLR-1060 in FF @ 1:17, WMLT-1330 r/c-mx 1:46-2, then right after WMLT left the air a good log was taken on WJPS-1330 s/off @ 2am, also WTRX-1330 in o/u WHOT/WBTM w/rr @ 2:30am. 73 & best of DX:

David T. White - WTRV Radio - Irvine, Kentucky 40336

I am desperately trying to send at least one Musing per week now, but it's becoming rather difficult, to say the least. Skip was wolling in pretty well from the N on the PM of 12/13. Logged enough for reports were WXYZ-1270 CFRB-1010 & WAKR-1520. I caught WEIR-1430, but it was only an ID, so I didn't send a report. On the AM of 12/9, I caught about ten minutes of a test from WKID-1580, 250w., but booming in like a local between 1 & 2am. I also caught WPGC-580 just before WAXU s/on. Other reports sent to WOWO WAVE WBLG WAAY WAPE WFBC & KYW. Only a couple of these are really good - the rest are kust to raise my totals! In closing, since I have not the time or the money, although I'd really like to, I can't personally send greetings to everybody. So, to all the gang in the NRC, a most joyous holiday season, & a most prosperous 1968, filled w/all kinds of good DX! AS THEY SAY IN PITTSBURGH, PA., "WAMO." "WEEKLY AGAIN - MUSE OFTEN!"

George C. Greene - 1527 Sunset Avenue - Akron, Ohio - 44301

Hi all! Not much DX here to report; in fact, no new stations have been heard since September, hi. New stations heard have been: 8/11- CHIR-730 first heard here in Akron (though I did hear them while in Mich. the previous week); a semi-local heard nightly here since then. 8/28- WSBC & WWDC both heard on the car radio about 1am. 9/11- WPNX-1460 using rr during an ET of both XRs, noted w/then was WOK (1460. Only two veries have come in lately, CKBW-1000 for their 1/67 DX, & WPNX-1460 for the above ET. Big Jack has left WKYC, and WHK-1420 has dropped their rr format in favor of up-tempo good dx, w/some mild rr included. I am now working at the U. of Akron's WAUP-88.1, as staff announcer, and run the board Tuesday nights from 5:30-10:30pm. I have been up several MMs this season, including that of 11/27. That MM, KONO-860 was heard @ 3:45, KORL-650 noted @ 3:47 & the rest of the morning w/quite good signal strength; CJOY-1460 DX 3:50-4:01am also. I guess that's about it. SCers, write! 73.

Greg Seifert - 5728 Charteroak - Cincinnati, Ohio

Greetings, MRCers. DX has been great in this den. 11/12- WNUS-1390 1:41-1:56am/ 11/13- KFJZ-1270 2:30-2:46am RS. KOMA-1520 5:22-6:05pm RS. 11/16- KLTR-1580 6:09-6:23pm RS. 11/18- WRBC-1300 1:30-1:46am RS. KONO-860 2:17-2:33 RS. 11/19- KISA-550 1:10-1:26am RS. WPTR-1540 1:37-1:50 RS. WTIC-1080 2:01-2:18 RS. WHOT-1330 2:21-3:04 RS. 11/21- WPDZ-750 4:22-4:35pm RS. 11/23- WDAF-610 1:50-2:04am RS. 11/25- WMAK-1300 2:02-2:13am RS. 11/26- WKTX-850 5:03-5:20am RS. WSUN-620 5:31-5:44am RS. 11/27- CJOY-1460 3:31-3:47am DX Special. KLEO-1480 4:04-4:15am ET/TT. KPAL-900 5:30-5:44pm RS. KSKY-660 7:01-7:24am RS. 12/2- WGHN-1370 2:45-3 r/c-TT. 12/3- WGKV-1490 2:16-2:24am RS. WKY-930 2:42-2:55am RS. KXYZ-1320 3:30-3:44am RS. KWOC-930 5:28-5:40pm RS. 12/5- WJAX-930 5:22-5:27pm RS. 12/7- WMAZ-940 5-5:14pm RS. 12/8- WGOE-1590 12:31-12:43am f/c-TT. WHHY-1440 1-1:12am RS. KOKY-1310 1:15-1:30 f/c-TT. KCMO-810 1:40-1:59am RS. WSEM-1500 2-2:15am f/cDT. WYSL-1400 2:25-2:29am RS. WMID-1340 2:41-2:46am RS. KLVI-560 6:32-6:47pm RS. 12/10- KMA-960 12:44-1am RS. WAOK-1380 1:22-1:35am RS. WLAG-1240 1:42-1:54am RS. 12/11- KOA-850 2-2:29am DX Special. KRBC-1470 3:02-3:16am DX Special. 12/12- WEMB-1420 12:30-12:41am f/c-TT. I have not received many of the listed Specials this year. 73 for now.

Dave Whatnough - 284 Main Street West - Hamilton, Ontario

A few more veries in since last report: v/q- WFAS WLAC KOOL. v/i- CHCO CFOY. v/r- WKMC (after f/up). DX: 12/9- KDCE-970 Espanola NM w/ET/TT per r/c list w/KAC & WEBR's OC; 2:05-2:15. Also noted WROK-1440 AN/c/w rx. MM 12/11- @PFB-910 possibly AN. CKRC-630 finally enough for a report. 12/12- WBUD-2260 w/TT, no IDs, tentative report sent. KCHR-1330 1:45-2 r/c. Log also on ANer WCON-1450. 12/13- KBTH-1370 1:30-1:45 r/c. 12/14- Another try at a verie from WNUS-1390. 12/15- WMS-1360 r/c 12:45-1. CKAR-630 topping CFOY for a change @ 4:55pm, second report sent. 12/18- No Specials heard, but local CHWO-1250 off for five minutes so log taken on WEMP. WCGC-1270 logged during the periods when CHAM's OC was turned off. CJIR-1060 s/off in FF @ 1am w/song "I Believe." WADR-1480 ETing most of AM clobbering WISM w/S-8 signal. They had many SIDs one after the other, then long TTs. Other unns heard: KWYO-1410 r/c 2:00 - they come in every month no matter how poor CX are to the West. WPNX-1460 ETing w/TT & OC 2:03 & on. It's now 12/19, no snow yet here, and temperature of 50° today. I guess this doesn't make for the best DX CX. First CPC letter back today from WPHN-1560 Liberty, Ky., CE says glad to sked a TEST for us MM 1/22, 3-3:30. Here's hoping they all answer me in the same way. Late Merry Christmas & Happy New Year to all! 73s & 88s.

Ralph M. Johanns - Buffalo, New York - 14203

12/15- umn f/c-TT by WRIN-1560, 1:31-1:38, IDed. r/c-TT WKOU-1350, 2:46-2:58 s/off & fair TT, but very poor IDs @ 2:59½. v/q+ KOOL-960, CBS in Phoenix, Airz. 85003 for 11/2. V/q & fancy rate card/coverage map by WZKY-1580 for 12/4 r/c, this v/q is glossy type & front, WZKY, Box 530, Stanly Co., Albemarle, NC 28001, & has a '68 Pontiac Sprint picture & Go Wide-Tracking, the great American sport (a v/q with a sponsor!) On reverse, QSO confirmed, etc. & signed. The r/c has Suburban Group, CGC WEGO WSVM WFCM WPEG WVW WJJJ & WZKY. Oh boy, I'd like some of 'em, you too? Happy New Year.

Curtis D. Engberg - 80 Concord Road - Wayland, Massachusetts - 01778

Local WLMS-1000 added to my log since last report. We spent Thanksgiving in Halifax, NS, & I noted local CRB-1330 clearer there at night than at home, six miles W of towers! Many stations heard while there, but nothing I don't have logged in Mass. (P.5)

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(Curtis D. Engberg) except for a couple of LPRTs heard along the way. Listening has unfortunately been quite limited during the past month, but still, a few goodies. 12/3- HIAT-660 & strong Cuban on 580 noted in early AM. 12/4- Only Special noted was WHIP-1350 at 3am & they were mostly u/WEZY. WJNO-1230 noted @ 3:15 w/Hi & Fla. WX. At 3:30, KHOW-630 as westerns good. KNBR-680 strong. 12/4- HEM21-1115 noted very clearly w/R. Minutero en Panama ID just after midnight. 12/11- KRBC-1470 DX in quite well @ S-9. KDON-1460 s/off also S-9 @ 3:30. Strong 20db het noted on about 1363k, but no audio. KFH-1330 also noted, unkn. I tried hard for WBOO & pleased to see CBL cooperation at 2:30am, but no luck. However, w/Cuban nulled there remained a CBC who gave WX for Gulf of St. Lawrence etc. from Halifax Bureau & seemed to give TX 1 1/2 hours ahead of EST. Could this really have been a Newfoundland LPRT? (Almost HAS to be, Curtis -ERC) 12/12- WBLT-1350 r/c noted @ 1:05am. 12/13- WSBR-740 atop @ 5:17pm. 12/19- WNOE-1060 ET noted @ 2:35am. 12/18- Somebody u/ NEW-1130 but New Yorker too loud, & pauses too brief to determine who. As before, no sign of WVAR-600. 12/21- Finally a real hot TA night noted. I spent two solid hours logging the Norwegian on 1578 & R. Veronica-1562. All the other more usual ones noted on 1586 1578 (Portugal) 1554 & 1538. That's as far down the dial as I got, hi!

Bill Cheatham - 6900 Westmoreland Road - Falls Church, Virginia - 22042
CX here lately have been pretty good w/ry totals still rising. DX: 12/6- CJLR-1060 Quebec, 6pm, FF. I've heard them several times since then w/S-9 signal o/KYW. I strongly suspect a power increase? 12/7- WTMA-1250 4:58pm w/rr; WCOV-1170 3:30pm u/WWVA; KWKH-1130 easily caught at 6pm - it had total control on the channel - not a trace of WNEW (WNOE-1060 also in good). 12/11- WTCW-920 5:06pm in the mess; WVJS-1420 a real surprise @ 5:30pm w/Call Jackpot Program. 12/12- WVKO-1580 4:53pm; WPMP-1580 L&C w/6pm s/off & Evening Meditation (followed by SSB) for 1580 #21, my most crowded frequency. 12/14- WDDY-1420 4:45 s/off just after WKCW. 12/15- WBTC-1540 spunted as the one w/phonetically equivalent ID heard @ 5:04 s/off (s/off matches w/SRS/SSS map). I also think I heard a mention of a Sasparella Broadcasting Corp. Anyone know if they are the ones who own WBTC? WBLR-1430 5:06pm o/all others; WMCO-1550 5:37pm mixed w/others; WMBZ-1366 5:56pm w/31° temperature reading - IDs as "The B Busy Bz." Anyone know what the station on around 727A is w/"The World Tomorrow" @ 6:30pm? (SRS-725, Surinan? -ERC) Heard on Sat. 12/16. My frequency measuring ability is not too great but it did seem to hang between 720 & 730, more inclined toward the latter. In my 12/9 Musing SCs should be Surveys (You know, top 30w, etc.) I collect SCs also but I don't have any to trade, hi. One verie received: v/q- WNOE. That's it! Foey! My chance for KOA on MM was dashed to pieces when my brother got sick & he had to make use of the heat pad. Everyone knows what they do to a radio, hi. Once again I've run out of space so 73 & I hope you have (had) a Merry Christmas. By 12/25 I should have a tape recorder. Best DX.

Jeff Kadet - 8047 Park Overlook Drive - Bethesda, Maryland - 20034
College studies are keeping us pretty busy this season so DXing is suffering. Veries: v/1- WFMF WMCL CJBQ WDTM CKPC WKJK. v/q- WCOK CJRS CHIR. DX: 10/29- WKJK-900 (ex-ET/mx in well o/CHML from 2:22-2:26am was heard. 11/3- CHIR-730 9:15-9:32pm. 11/13- WTIV-1230 DX 2:31-2:49 in weakly. WUBE-1230 2:39 o/u WNOR/WTIV. 11/18- WKJR-1520 r/c 12:15-12:29. KLYR-1580 finally in well enough for a log from 6:21-6 28pm s/off on 12/19. 11/20- Produced new WMCL-1060 ETing most of the morning w/the r/c from WCOK copied u/it from 1:40-1:55. CJBQ-800 DX heard weakly u/CKLW from 3:15-3:24 for Canadian #6 verified on the channel. 11/27- CKNX-920 DX in very well most of the morning along w/new #DIM 1/2 1130 w/a f/c 2:24 way u/WNEW. WKPA-1150 TEST also heard from 1:30-1:44am. 12/4- WHIP-1350 TEST 3-3:17am. 12/11- KREC-1570 DX in well w/WMBD seemingly off from 3:03-3:12am, QRM from XESM. 73 for now. Good DX in '68.

Ronald J. Musco - 16 Chestnut Drive - Windsor, Connecticut - 06095
Greetings, gentlemen. Note new address. Since last Musing I got married last 8/5 & went on a honeymoon to Williamsburg, Va. & came back to my six-room cape on an acre of land. New location is about three miles from Bradley Int'l Airport. The HQ-180A set up in the den connected to a 150' longwire. All I need is a little time. I'm still working at Hamilton Standard in the Biomedical Systems now as an electronics technician. DX totals stand @ 292 logged w/231 veried, 34 states, nine countries. To show how far behind I am I haven't even heard Dekar-764. Last verie was KAPT TEST 1/25/65 at a whopping S-3. That's it for now - I hope to report oftener now that I'm back on a 40-hour week.

January 6, 1963

Stewart Drake - 2108 South Simpson Street - Philadelphia, Pennsylvania - 19142
 Sorry about not netting more Musings in but I am kept pretty busy what w/running to hospital to see my Mother, & work, etc. Then last Sunday 12/17, the roof sort of fell in when we received word that our Son Bob had sustained second & third degree burns over 43% of his body while in action against the VC. The truck he was behind ~~xxx~~ was hit and the gas tank erupted & Bob was pretty well splashed w/flaming gasoline. He was evacuated to Yokohama, Japan in very serious condition. Since then he has been down graded to "serious condition" w/no imminent danger to life. Today we had word he will be returned state-side in about three weeks. His hands got the worst with the third degree burns. We are thankful that he is alive and no doubt will recover in time, & he should be out of the conflict for good now. As for DXing: On 11/24- WPRN-1240 Ala. testing @ 2:30-2:45am. 11/25- WYNA-1550 NC testing @ 12:05-12:10 ID. Then down to 1394 & the new Tirana, Albania station w/a. femme in Slavic @ 12:35-12:55. 11/27 saw WWRV-1080 Ohio, testing 1:04 & on w/ID @ 1:06am. Then WKPA-1150 TEST @ 1:33 & on. 12/4, a signal on 960, very poor quality, but did get some song titles & this proved to be KOOL Ariz. & my 42nd state capitl. KOOL time was 3:44-3:57. Prior to that I took a relog on WHOP for a QSL try. 12/11 saw KRRC-1470 Tex. in @ 3:02-3:18am w/poor signal. On 12/12 a possible on WTTB-1490 Fla. test @ 1:05-1:15. Then on 12/18 on 880, a femme announcer in SS playing both SS & EE records, IDs @ 3 & 3:06 just prior to s/off w/NA of unk country, ID went Radio Juan -- in Puerto --?? Any help appreciated. Later on a possible on CHER-950 NS if they were the ones playing Christmas songs. This @ 3:35am. 12/22 the new WOTK-1560 Gordon, Ga. on ET @ 1:19am, then WNRJ-1580 Tting @ 1:45 for a new call. Veries in: WMCL WFBF WBUG HCN WPRN KOOL. Totals 2,375/2,230. I hope everybody had an enjoyable Holiday, and good DX. 73.

Glenn Jacobs - 7825 Stenton Avenue - Philadelphia, Pennsylvania - 19150
 I have just become a member of the NRC & plan to send in my first Musing towards the end of this coming week as we go into the Christmas vacation. I am a senior in High School. Would it be possible to be sent the design & info for the loop antenna? Currently I am using a Tri-Band Ham antenna. It works quite well w/my AR-88 RX. I have picked up a few Califs w/it - KFI around sunrise on many mornings, KCBS on MMs, KNX MM, KNBR also MM. KNX is usually quite weak on 1070 & usually being clobbered, so I thought the Loop might help out. The antenna/does also pull in many Europeans & has helped me log Dakar on 764 on a number of occasions. Could you please tell me what these symbols stand for in the Musings? SSB - I can't figure that one out. That's about the only one right now. The others have been figured out! (SSB is - hold onto your/hat, Glenn - the Star-Spangled Banner -ERC) 73s. (Welcome to the NRC, Glenn, & we hope you'll get much DX & send many Musings in! -ERC)

Eric Floden - 13 Parkside Crescent - Ottawa 5, Ontario

Hi. Not many veries in lately, but all desirable: v/q- XEWA-540, two from WOKY-920 (IRCA/66 Convention card) WIBW-580 KSL-1160 CHUM-1050 KAAY-1090 CBT-1140. v/f- WAPE-590. v/l- CJBQ-800 DX, WPIT-730 CFCY-630 & CKNX-920-DX. CMs came x/CFCY WPIT (2) CJBQ WAPE & WIBW/s is part of their card. CKNX got a report from IRCAer J. Parkins in BC, their most distant. They go 10kw. February by day, night power unchanged. What's wrong w/RS dedications? I haven't heard any good ones this season, but if a station, even NSP, dedicates some programming to lots of IDs & distinctive programming, it's a lot easier to get a log on the station. Good example was CJOR-600 & their RS TEST last year. I heard 'em (three miles away, hi) w/ease, but they may have been easier for you ECers w/all the IDs they gave. Nothin' wrong w/f/cs so long as they're not the r/c kind, unless they alter their programming as above. I thought the purpose of CPC was to make a station easier to log and/or obtain a verie, no? Also, looking through my 12/31/66 DX NEWS (it took me a while to join, hi) I note WHOT had a "TEST" way back then, while an antiquated Coff list shows they were apparently NSP then. Well? If anyone heard the CKNX DX, but didn't report it, please send card to Greg Stewart @ CKNX. Thanks. Sorry about not getting CHIR info out earlier, but I managed to send out 25-30 cards, so I hope someone logged it. Jerry Starr - can't fool me! I know you've never heard WAPA before 12/4, hi. 73 & best to all. I guess that's it. I will try to keep 'em shorter in future. Keep up the miraculous job you're doing. ERC is the only NRC/IRCA Editor still w/ and active since 1964; let alone 1946, right? Gotta go. S/off: CBT-540 11:15pm. WTTB-1490 3:10, // CFCY-1440. KSEM-1470 2:10. KELA-1470 2:03. CBX-740 We. 2:06-7:59. CKNX-920 3:08.

January 6, 1967

DX NEWS

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Duane Giese - Box 69 - Columbia, Missouri - 65201

Hi! Well, it's time to get out of the tomb again and send in a Musing, hi. A little DXing done now & then w/most of it on a Sat. AM & MM. Latest DX is as follows: MM 12/11- Only one DX Special was heard & that was KOA-850 unnn. KCBS & the Cuban were heard when WBOO was to be on, boo hoo. Also noticed no CBL when the TEST was to be on. WCOA-1370 2:00 on for tornado watch. 12/10, PM- KATQ-940 6:06 till s/off at 6:15, then KTCN-940 @ 6:15. MM 12/4- Another bad one w/only WHIP-1350 2:58 I&C here. 12/3, PM- WIIN-970 4:55-5:15. MM 11/27- One of the best in a long time w/good CX to the W & N of here. KMLB-1440 lan s/off. WKPA-1150 TEST @ 1:30 in fair. KGIW-1450 f/c from 2-2:15. CKNX-920 TEST 2:34 in good w/QRM from WOKY/KARK/CKCY at times. CHUM-1950 3:16 in good w/XEG pushed aside. CJOY-1460 3:43 in I&C at this den. I was ready to crawl into bed but instead I tried for KCPX-1320 4:03 which came in the best ever. Total veries stand at 486 & was hoping to make 500 by 1/1/68 but I think I'll forget it now as not too many reports out. Starting my fourth year in the NRC, the greatest BCB DX Club in the World! My hat is off to all who have made it that way. Say, why doesn't everyone triple space for poor old Ernie's eyes as I do? Also, you get to the end of the paper you know that you have not gone over the 30 lines limit. The best of Holiday Greetings to all and just remember not to overdo it - save some for the next ones. 73. (Thanks for the good words, Duane, but double spacing is plenty - I'm not THAT old, hi! -ERC)

Dave Carlson - 516 Hickory Hollow - St. Louis, Missouri - 63122

DX: WD99-1440 Heard well for f/c as per list on 12/2. 12/3- WLAQ-1410 in o/WING @ 12:59am s/off. MM 12/4- WFTQ-960 unnn heard on r/c. WTUP-1490 @ 1:29, KBES-1430 ET @ 1:32, FF-1510, CJRS, right? (Right -ERC) WHIP was heard well o/WSLR on TEST. 12/5- KWRF-860 TEST in good as expected. 12/8- KKZZ-1150 in well o/XEJP @ 6:59pm s/ 12/10- XENU-1550 @ 7:02pm. MM 12/11- Another big graveyard surprise in WMID-1340 (second NJ graveyarder) in briefly @ 2:13 w/SID o/WKGN. Four minutes later, KLBK-1340 Texas in w/Hi Show ID. No WBOO here except for a brief IT right @ 2:30- 2:31 which I think was KRMG. CBL wasn't heard. WRRN-1440 loud on ET w/c/w rx, ID @ 2:55. KRBC DX unnn was in good as was next door neighbor WRDW, AN on 1480. That's all the DX done here as very busy w/such things as BKB & increasing schoolwork. Only three veries: v/f from CJRN & KWRF-TESTS (KWRF mentioned nine reports) & v/1 from for second Wyoming QSL. Totals are 768/224. If any of you can get a list of the top rr songs of 1967 from any station, I would surely appreciate receiving any. I'll trade a KXOK or KXET (hi) list or something else like CMs or other SCs. for the quality of DX TESTS, just about every station except the bit 50kw. clear channel dudes would be DX for SOMEONE. For instance, KOA-850 although high power certainly not "DX" here was probably good for some EC member. I'm all for ANT kind of test be it a f/c or just a dedication - there aren't a whole lot of stations willing to do that even. Thanks for all the Christmas cards, & a Happy Holiday to all. ST. LOUIS in '69 (a good year).

Richard J. Mall - 606 North Hite Avenue - Louisville, Kentucky - 40206

Veries of late are WBSC & CKOC by v/1, & CKOC by v/q making my DX totals 211/185. MM Dec. 25 proved fair w/the addition of 4VEC to my logs. Heard many mentions of MNRC, & how to get QSLs from 4VED, hi! So countries totals are 10/8, so I'll be waiting for a 4VEC QSL! This morning, 12/26, I added WRIZ-1550 to my logs. In the latest VJ, WYCU-1550 in Tampa Fla. is listed as running 100kw, what's up? (It's misprint, Richard - 10kw. D -ERC) If anyone wants to, I'll tapespond. I can take up to 7" reels (hi) & 3 3/4 & 7 1/2 IPS tapes. 73.

Rick Evans - Box 718 - Gery, Indiana - 46401 (3660 Jefferson)

I'm surprised to see that WHL-1440 is off the air. I have a v/1 from them dated 1/67 so I won't cry too much. DX here: 12/11- WNUS-1390 AN MM; KXRA-1490 1:30-1:45 r/c-IT; KOA-850 heard at 2am Special, CKCY-1310 3-3:05am poor; KFVS-960 5:30-5:40 pm, WIBV-1260 6-6:20pm fair w/splatter from local WVCA-1270 (who has four towers less than two miles away). 12/12- WKCT-930 6:28-6:30 poor w/BKB; WSPA-950 6:45-7 w/CE programming; KSD-550 7:45-7:55pm fair w/splatter from semi-local WIND (who has four towers less than five miles away). 12/13- WHOW-1520 5:25-5:30pm, KXJK-950 5:48-6pm s/off. Veries: WVAK KHIL & KWKH. How's the job situation up in New England? I'm casting eyes that way again, especially towards Maine. Totals here now 481/119. 73. A REAL FINE EFFORT BY MANY NRCERS THIS WEEK! WE THANK YOU FOR YOUR SUPPORT, AND WE HOPE YOU WILL CONTINUE TO MAKE "MUSINGS OF THE MEMBERS" ACES HIGH EVERY WEEK! -ERC

Fred Nordquist - 411 Dart - W. S. M. R. New Mexico - 88002

Hi. Only one report out to WDTM-TEST. Totals: 329/78. Many new ones logged, but I will wait till after Holidays to send reports. The Contests are proving to be interesting - let's everybody "get with it." We survived the 7" snowfall & got some extra DXing time in due to a two day Range shutdown. Latest DX: 12/12- KTAR-620 Stock report 7:32pm, KGBC-1540 w/KBUY QRM 8:19pm, KOKA-1550 NN wx 9:28, KWEL-1600 5:04. 12/15- KPOK-1000 WX w/XEFV nulled, 5:19pm. WLSU-1280 Tulane BKB ad 6:49pm. KREX-920 "K-Rex" 7:43, XEFW-810 o/u KGO ID 9:47. 12/16- XEOX-1430 I&C 11:09pm. 12/17- KCTA-1030 religious program 5:52pm, KRVN-1010 Fishing 5:56, KIMO-1060 Ben Franklin ad 5:59 (Selling kites?? -ERC) KAAV-1090 Hollywood report 6:03, WYAD-640 Okla. NX 6:12, KLOE-730 Sports Final 6:17, KUPK-1050 WX 6:15, KSVN-730 rr 6:28, all via excellent SSS CX. 12/18, MM- WDTM-1130 TEST barely o/QRM, CKWX/WNEW, using loop, 2:12-2:24am only, KORL-650 rr weak 2:47, KSSS-740 SID & KRMG OC, no WGSN heard, KPIN-1280 o/XEBW n WYND, 3:14, KIMN-950 I&C, no chance for CHER DX 3:34, KHAP-1340 I&C c/w 4:18, KSL & KXIV dual program w/telephone talk 4:39, KAIR-1490 I&C 5am, KLRA-1010 o/KIKO 12:29 am, KIOA-940 rr 1:09am, KABQ-1350 w/mixed SS & EE ads, SS wx 8:41pm. Wishing you all a successful New Year at the dials. 73.

Billy Powell - 728 Newland Street - Jackson, Mississippi - 39211. Greetings from the Lone Wolf of Miss. Sorry about my little delay (hi) in Musing. About six months now, I believe. School & all other things have just been piling up. I barely had time to write penpals of NRC. Today 12/27 new station WGBS-710 @ 5:27pm for new total of 277/151, but not enough to make report. I hope for total of 300/175 before 6/68. Latest DX: WEW-770 unkn @ 7 05am 12/11; KOKA-1550 12/14 @ 2:16am w/TT; WRIZ-1550 @ 2:17am; WIRE-1430 @ 2:32am. KGNC-710 12/15 @ 5:46pm, KVIL-1150 @ 6:15pm, KWBA-1360 @ 6:23, KFR0-1370 @ 6:27pm. KRRV-910 unkn 12/16 @ 2:07am; KBUY-1540 unkn @ 6 12pm, & WMC-790 12/17 @ 12:30pm. Do KSD-550 WREC-600 WHB-710 WEW-770 WMC-790 KONO-860 WCFL-1000 WDIA-1070 WRR-1310 KELI-1430 KBUY-1540 WDXR/WAXR-1560, XERF-1570 verify at all? If anyone knows at all if any of these verifies, please tell me. I have tried all of these unverifiables at least three times, some as many as six w/XERF seven. Latest veries: v/l- KFUO KFI on CM, WDAK WRAG WCOA. v/q- WKWF WKBN WOOD for 1. Still collecting CEs; total around 60 now- very large, hi. St. Nick was fairly nice to me this year, a set of headphones & a new 100' longwire. The headphones are stereo & cost around \$12. They are of great use to me around 2 or 3am when household of sleepyheads have already gone to sleep. I plan on getting a new RX, I hope, the new Radio Shack's DX edition. It is called the DX-150, sells for \$119.95 & has four bands: SW/CW/SSB/AM. I will sell my RCA Victor Strato World for \$100 if anyone is interested. It has great reception. I also plan on building NRC's directional loop. Soon I should have quite a set-up: DX-150 RX, two longwires, one 25' high running E/W & the other up 15' running SSW/NNE, a set of headphones, an external speaker for the RX, & the NRC Loop. Send SASE for WSJC decal, plenty, so write. Totals now 277/151, states 33/31, provinces 3/2 & countries 6/5, leaving out Cuba because of lack of knowledge in SS which is real shame since this close to Cuba & Mexico, always SSees on channels. I vote for an increase in paydues so the paper will have all chances of printing all info for the members. Best close now so see all in these pages again in about six months; hi. Best of Winter DX to all. 73s.

David T. White - WIRV Radio - Irvine, Kentucky - 40336. Super-Sixty-Eight, gang. Although '67 is still here as I write, I propose this will be in the 1/6/68 issue. As for recent activity, I got a v/l yesterday from WKID-1580 test. Surprised to see they were only 250w. They were in here S-9. Logged & reported to are WOH0 WIRE CFOR & WING. I have recently lost a few QSLs somewhere in the den, so I have sent reports to WIS & WVIK to help replenish the loss. I am still trying to get CE D. Greenlee (K4NDO) to check in the "Fish" net, but right now all he has is an SBE-34. I'm trying to palm my nine ARC 5's off on him, but no luck so far! For those needing good Ky. catches, WWKY is AN (as of a month ago), & WEKY goes till midnight. WIRV will be on in 2/68 for NRC/IRCA - more details after I contact NRC's ace CPC man. IRCA ace J. Nall already notified! Not too much else now - a sure hope to fill the column w/v's after Christmas, though! Best of season to all.

John W. Hoogerheide - Compania Sud-Americana de Explosivos - Rio Loa, via Antofagasta. To anyone interested, I have five sets of 25 each uncanceled Peruvian stamps/100mlle bought lastweek at Tacna Peru PO, first come, first served @ \$3.50/set. This is every Peruvian stamp they had. Send check, not money to above add. Merry Christmas & Happy New Year. DX in IDXD. I had a 1490 graveyard I&C @ 4am 12/18 but in five minutes faded into mess, no ID. CX very good, only new US was KCBS-740 ET @ 3am very loud.

January 6, 1968

DX NEWS

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John W. Tweedie - Box 103 - Oakhurst, New Jersey - 07755

I sent in a report about three-four weeks ago but I guess it was never received as I have not seen same in DX NEWS. I enclosed some v/s also. I forgot what I did send in the way of the report but I will try it again. 10/18- WIQT-1000 RS 6pm. 10/23- CJRS-1510 RS 2:07am. R. Tirana-1394 RS 2:11am. 11/6- R. Tirana-1394 RS 12:33am. 11/7- SRS-725 RS 6:40pm for third report. CHIR-730 RS 1:06am. 11/26- WMCL-1060 ET 1:06am o/ YW. 12/11- WSPF-1000 ET 1:5am. 12/16- No WBRV heard on TEST. 12/18- CFMB-1410 RS 12:35am. WRAK-1400 TT 1:07am, unkn. WADR-1480 ET 1:12am. WCOK-1060 f/c 1:345am. WFEC-1400 f/c 2am. WAAO-1530 f/c 2:10am, unkn. WMCJ-1170 RS 11:52am; Monmouth College Radio, West Long Branch, N.J. WRGM-1540 RS 4:49pm. 12/22- WCIK-1560 ET 12:42am, Gordon; Ga. Algeria-1304 RS 1:45am, unkn. 12/23- R. Veronica-1562 RS 1:18am, unkn. WDSL-1520 RS 5pm o/WKBW. 12/25- 4VEC-890 Special NNRC DX, 1:02am. I tried for WBOC-740 on TEST on 12/11 but nothing heard. No CKAD here on 12/11. Veries from WVAR v/1-CM, KDDA v/1, RIZ v/c, WIQT v/c, WHAG v/1, CBAQ v/1 WMCL v/1 & CM, CBD v/c, CBC, CHIR v/c, R. Tirana-1394 v/1. Well, I guess that is about all, so I will close wishing all a Happy, Healthy & Rewarding New Year.

Bob Foxworth - G.P.O. Box 2111, New York, New York - 10001

If the morning of 12/22 had been a MM I think a lot of people would have mopped up. ~~OK~~ w/the exception of the TAs were quite good; foreign DX is being sent to the Admir- ~~FL~~ Some domestic highlights were the first good reception of ~~XXXX~~ CRN-640 in a long time & an S-9 signal from CHIR-730 in the clear. 810 & 940 were open at times this Friday, too. I was still up at 6am Hoping to catch a New England s/on on 1400. Hopes for this went out the window when WIRA in Fort Pierce, Fla. s/on completely a-top until 6:06 when they suddenly dropped out of sight. Such propagation seems closely akin to the Sporadic-E found on the VHF bands & it's hoped someone can establish some degree of correlation between such behavior on BCB & VHF, if there is in fact any. My Brazil reception was much the same situation. A steady S-8 signal would suddenly drop 30 to 40db in just a few seconds in random fashion. Likewise, the Venezuelan opening the evening of 12/26, powerful YVs all over the dial, yet nothing heard from neighboring countries. Try as I might, no FF on either 1070 or 1310. On 1310, just semilocal WJLK on an otherwise vacant channel. I don't often note such localized openings; I couldn't see any Northern Lights at the time but suspect there was some Aurora activity then. I'd like Gordo to program this one for us, hi. On another subject, I often look through back pages of IDXD for info on a new station, v/s, or what's being heard on a certain channel. So much so, I keep them in a three-ring binder. If certain foreign info is put in Musings & not in IDXD it is later unavailable, & therefore useless, unless the DXer is willing to re-read six or eight bulletins at once. Why not consider the idea of having all foreign info appear uniquely in IDXD so that we can get to it in a hurry. I think this would provide maximum benefit to all, & I know I'm not alone in thinking this way. How about some comment? Bill S., why doesn't the DoT monitor 1500k & clean up that spur? 73.

Stan Morss - Route 3 - Bradford, Massachusetts - 01830

HIOR did well by me also - nice letter, color pictures of station & Christmas card w/ Christmas message from owner. Radio Mil-990 strong tonight; & now to DX. I'll list only the Dec. Domestic. 12/6- WCDQ-1220 Hamden, Conn. 4:15-4:30pm s/off. 12/14- WREO-970 Ashtabula; O. 4:45pm. 12/18- WADR-1480 Remsen, NY 2:45am ET. WKAJ-900 Saratoga Springs 4:15-4:30pm. I listened on 900 nightly from 12/7 to 12/18 & heard WJLH CKTS CHML CJBR WCPA WFLN & finally WKAJ all in 4:15-4:30 period. 12/19- WTCW-1570 Towson, Md. to 4:45pm, looking for WKOL. 12/20- WARV-1590 Way u/WSMN @ 11:30am where usual second place WBRV was I don't know & won't argue the point. Tough on the ears for about three good items & one possible ad in Kingstown made ID possible. Veries, HIOR WHSL v/q, WMOO v/q "The Big Moo" WSLV HOJ2 WMCL WIMS KDDA CJRS, Radio Pueblo, D.R. AN situation continues to worsen & SSS DX has netted six of 12 in Dec. so far. WOKO noted daily w/its c/w on 14/60, but usually u/WBET. Happy Nes Year to all & to Ralphie Johans "Patria O Muerte".

David Oliver - 2520 Avalon Drive - Sacramento, California - 95821

Long time no Muse, sorry. I guess college work has been keeping me away from the good old radio shack, but somehow, I found some time for a little DX. I've just received veries from KIMN-950 KUDL-1380 & KXLF-1370. Also I've recently logged the following: CMQ Havana, KIXZ Amarillo, XEGO Tojuana, XERV & KGAL. This now brings me to a grand total of 196 stations logged. Sorry I didn't make it to Don Kaskey's Convention. I'll make it in February. 73. To all of you, Have a Happy New Year.

Randy Seaver - 2119 30th Street - San Diego, California - 92104

To Jerry Starr: My previous discourse was not concerned with quality vs. quantity per se, nor against graveyard DXes, but was aimed at JAC's comments re URCA DX programs while all NRC DXes were of the same type he criticized. On another topic: At the very good and highly enlightening (hic!) get-together of the ERBA in W. Sacramento, the venerable Ron Schatz made the statement (in a foreword he was writing to an upcoming NRC DX booklet) that the Principles of BCE DXing published by the IRCA was received with "disappointment" by all "DX technicians." Would any "technicians" care to comment? The NRC Domestic contests are very interesting. I find the graveyard contest by far the most difficult (except for #5) because all my Mexicans don't count! The XEs dominate from 7am on here on every graveyard channel. Some DX, but not much. Semi-local KMLQ-1000 heard the other day; KVKM-1330 u/KFAC 7:56 12/9, KXIV -1400 12/11 @ 2:45am w/a relay of Herb Jeffco's KSL phone show. ID on the hour only. Some foreign, TGED, LA splits, but nothing new. Virtually nothing from the TP direction, not even the regular Pyongyang outlets most AMs. It has gotta be the CX, since better RX, antenna better, but poorer signals. On the 1003 Mexican station, I heard two call IDs that sounded like XEER. At s/off, there was "noventa kilociclos" & upon checking the logs found XEER-990, Cuauhtemac. I don't doubt that Hauser, Nittler, Godwin et al heard XECC. Larry got his info from VJ-4, I think. They list XEPC-1020 Cd. Camargo. As for XEER being daytime, local XEMMM is too, & they're on until 10 LT many times. I just wish I hadn't used the tape over. Speaking of Mexican stations, Ron Schatz' very fine list is most definitive, thanks, Ron. May I enquire, JAC, do you have an extra NRC Mex list? I seem to have been the victim of the NRC collating machine & didn't get one back in November. I hope everyone has a happy Holiday season, & lots of DX. My thanks to all who make DX NEWS possible. We do appreciate your efforts. 73:

G. A. Frower - Lewes House - Natal Road - Brighton, BN24BN, United Kingdom
Hello, it's a long time since I mused, but CX have really been poor across here. The following came through in this week's opening: 12/13- CKEC-1320 @ 6:20am w/c/w; WLCY-1380 @ 6:35pm; WPCW-1330 @ 6:40 in unID language; WAVY-1350 @ 7:09pm w/Rambler promo; WNEW-1130 @ 7:40pm, ZBM2-1349 @ 7:55pm w/pop; WDEA-1370 @ 7:57 w/Music for Tonight; CBD/WBT-1110 both level @ 8:10pm; WTOP-500 @ 8:15 w/Telephone discussion. 12/14- CKBC-1360 @ 6:30pm, WBAL-1090 @ 7:30pm, WCSC-1390 @ 8:30pm. 12/15- Real strange CX. CW45-1390 @ 9:30pm, no W/K audible, CX110-1400 @ 9:35pm both Uruguayans, & heard before. A verie from CMCA "Friendly Voice of Cuba" 730 after three years stated QSLs just received from printer. That's all for now, I hope things improve for Christmas. 73 & Season/s Greetings. Which direction is that new Montana-1180 bearing? Also my renewal comes around in Jan., what is the NRC's bank in Cambridge, please - perhaps you could put this at the bottom of my Musing. Att: JAC -ERC)

Jerry Starr - WHOT Radio - Youngstown, Ohio - 44505

Hi again NRCers. End-of-the-year results: Totals veries 551, states 50/50, countries 36/34. Verie return for 1967: 232 veries for 245 reports or a bit more than 94%, about 10% better than 1966. All above totals from Youngstown since I resumed DXing here in 9/65. Last month I dug out my old logs since I started DXing in '55 but haven't had the time to figure out over-all totals yet. Can't read my own writing, hi. Recent DX: 12/14- WNCC-950 6:38 on PSA. 12/15- WERA-1590 12:07 f/c w/TT off 12:23. 12/18- WADR-1480 1:12 ET w/many jingles on/off almost AN; WMES-1570 f/c w/march mx, a day early according to f/c list. 12/19- WLOV-1370 (ex-WKLE) f/c 1:11 w/Dixieland mx, WGEN-1500 f/c-TT 2:30-2:44; KFGO-790 f/c 2:44 w/TT & long announcements, says f/c is w/Commercial Radio Monitoring in Lee's Summit, Mo. Also lotsa foreign stuff, sent to IDXD. Thanks to Ben for the ID lf that spur on 1500; I was getting wacka-ding-hoy trying to ID it. It sure scounded like SS here. Now I know why I couldn't match it w/anything else on the band! 1570 is all CFOR/XERF here - I can't hear a peep of CKIM on its correct frequency. Latest veries: v/l- WHLL WJZM KOKA WERL (says will TEST for MNRC Sunday night in Jan. or Feb., no definite date) WERA (How's that grab you, Ernie?) (Incredible, Jerry - I tried for that f/c but no sign of 'em here!-ERC) WKCY-1300 (for pre-RS operation 4/11/67), says now on RS w/500w day, PJC2. v/c- HCAW2. Also "thank-you" card from BEC promising to send verie for Radio One-1214. A number of guesses in for question about 100w w/only zep antenna but only one correct, from Ross Hansch. Answer: WSAJ-1340. I am arranging TEST for late Feb. WSAJ is non-commercial. Anybody who hasn't veried WIFE-1310 better do so soon as FCC is not going to renew their license, apparently, for numerous violations.

Bruce Reynolds - Route 2 - Warrensburg, Missouri - 64093

Hi. A fair amount of DX to report since vacation began, but nothing like Thanksgiving so far. MM 12/18 was absolutely the worst MM ever noted this time of year. Warm WX & thunderstorms brought April-like noise. Only one newie/TEST heard, WDTM-1130, easy except for static. 12/19-21 brought Aurora-type CX, although not to the extent of 12/2. I wasn't able to put in much time at the dials, but did note interesting afternoon CX. On both 12/21-22 stations such as KXOL-1360 KWOL-1330 KHCB-1390, & ~~KHCB-1390~~/WLEF-1540 were noted between 5:15-5:30pm, half an hour before local sunset. 12/21 also found KGNB/KPEP-1420 fighting it out around 6:25pm & then I was caught off guard w/tape recorder unplugged as KRSP-1060 boomed in w/6:58pm s/off. Also noted around 7pm was unnn KDJI-1270. This is one to watch for now, as now 5kw. 12/22 brought a very welcome KOVE TEST way u/KFH, but fairly readable IDs until KFH went to mx. WDXB-1490 was heard w/unpteen ads from 5:32-5:58am, AJF-1490 s/on 5:55 & then a good one in WVCG-1080, heard from 7am power change to 7:20 fade. SM 12/24 wasn't much of a success, but TICA-1175 was heard nicely @ 6:13am w/frequent "Radio Columbia" IDs. MM 12/25 didn't bring any 4VEC, but Santa did produce HJBI-840 @ 1:35am, WMDD-1480 in nicely o/KBOX @ 2:58am w/EE ID, a goodie in KMO-1360 Christmas AN through KXOL/WKMI/SS w/WSAI off @ 3:22am, & finally WLBR-1270 AN through KFJZ @ 4:26am. They announced they would also be AN on 1/1. Veries: v/l- KSTT (after f/up when they sent a blank SC the first time) KSKY KOYN KVII & WDTM. (WDTM will have another f/c on 1/15 at 2:15am for anyone who would like to try again.) v/f from CJQY for DX & v/q from CBE for CBEL-1510. Oh yes, forgot v/l from CKNX for DX. I hope to have DX TESTS from KOFO-1220 & KNDK-1080 in near future. KNDK CE is interested in the NRC. I wish there was some way to get rid of WTIC/KRLD/WKLO. 73 & DX.

Michael B. Northall - Box 605 - Beaverton, Oregon - 97005

Greetings group. No DX since the wonderful Sacramento get-together, but a few veries & some results of detective work. KBOI was due to go to 670 by Christmas, but a quick check on 12/27 showed they are still on 950k. When they do make the move, their format will be pop/MoR mx, & they'll be AN-7, running 25kw. EA nights (deep null to the E to protect WMAQ). KPNW (ex-KPIR) is still on 1500k, but were going to try to make the move to 1120k bu 1/1. Their towers were nearly constructed when I was there 12/2, so they just may have made it. They will be 50kw, protecting KMOX, & will have pop & light rr mx format. Veries: v/q- JOKR-950 KRKO. v/q & v/l, JOAB-690. Don Kaskey's UFO on 1090 is JOHB/XOTB NHK II synchros. Sheldon Remington, that's a non-verie from KEX. They send their QSE out to anyone who writes in & only sign it if the report is OK. I'll be in Sacramento 2/22-25 for Don Kaskey's ERBA meeting. It'll be another good one, so plan to attend if possible. 73.

Leo Fox - Anglo-Rouyn Mines - La Ronge, Saskatchewan

No doubt everybody has forgotten my very existence by now, hi, but here's a word from a one-time member. I haven't done any DXing since leaving the Yukon in 1/66 & my totals are still around 30 countries, five continents, 430 veries, best QSL is still 2MG-1450. Unfortunately, I had to sell the HQ-180 I bought from Roy Millar; I'd love to have it here! If anybody out there is interested in carrying on a desultory correspondence and/or adding a copy of the "Anglo-Rouyn Beacon" to a NX collection, please write. Anybody else studying computer science at University? Theo Donnelly of NZDXL is now residing in Vancouver, BC. My silver tongue, hi. Y'all have a good Christmas, as they say somewhere.

Dave Schmidt - 44 Green Lane - Green Ridge - Chester, Pennsylvania - 19014

Greetings! Well, my typewriter is back & RX working well so now maybe I can get some DX & reports out. DX: 12/1- WRKO-680 5:34pm, loud as WBZ, but not there since. 12/7 brought WGOK-900 5:35-5:47pm (six commercials, eight jingles in 12 minutes, hi & WGBM-1260 5:57-6:01pm. 12/9- WLEM-1250 4:25-4:35pm. MM 12/18- WJOK-1060 on ET 1:35-1:46, then off, WNOE also ETing then. WADR-1480 on ET 2:01-2:13 & on playing SIDs over & over, easy to ID, hi. WYND-1280-TEST hardly made it, 13 minutes of frequency brought three record titles, two jingles & a little of John Dark, otherwise would have gone unnoticed if not a listed TEST. F/up #1 to WSME & this time to PD w/SASE. Noted off MMs: WRDW-1480 & on, WLOF-950. Seems like CKAC-730 is off every other MM, off this past MM, on one before. LOST MEMBERS DEP'T: What's happened to that LI gang, Bill Alisaukas, Heinen, Kureth, Schatz, Miller, Daller, Edmunds & more? Everyone send his used razor blades to Vin Cavaseno, he needs them real bad. I hope everyone's 1968 will bring more stations & less NSPers & HI stations, too. 73s.

John Gifford - 1408 South Grove - Urbana, Illinois - 61801

To you purists who noted a glaring contradiction in my 12/23 Musing: Starting w/line 11 of my Musing it should have read, "About ten feet of this insulated wire (the joined leadins) is inside the house." I have just added a ceiling loop to see what it will do w/sky wave. All that I need now is a loop on y S wall & one on the floor to finish it up, hi. Loggings on graveyards since 12/1 up to 11:2:1490 still the best w/32. 10/8- WZOE-1490 3:31pm. 10/9- KBCN-1490 1:57am, WCPA-1490 2am. 10/11- WAZL-1490 12:08am s/off-SSB after mention of WAZL-FM, WV C-1490, mentioned Tidewater, 12:16am RS. 10/14- WAJF-1490 12:10am. 10/19- WHOC-1490 w/TT @ 3:07am. 10/21- WABJ-1490 4:57am s/o. 10/26- KDCK-1490 12:01:30am s/off w/no anthem, WGKV-1490 12:10am w/c/w. 10/27- WKRO-1490 10:04pm (he pronounced Cairo like Karo syrup). 10/30- WMJM-1490 12:06am giving description of facilities before s/off. 11/6- WARK-1490 2:27:30am, WSSB-1490 3:40. 11/15- KTRR-1490 11:57:30pm. 11/24- WGEZ-1490 10:02pm SID, "WGEZ, Beloit, Wis." 11/28- WJMC-1490 3:22:30am. 12/11- WHBB-1490 11:31:30pm. 12/13- KDRO-1490 11:58pm. 12/23- KXRJ-1490 6:26:30pm in very clearly for 15-20 minutes! 10/4- WLAR-1450 8:10:30pm. 10/5- WDSG-1450 10:05:30pm. 10/6- WCVS-1450 1:23am. 10/7- WMBH-1450 4:47am. 10/11- WMCC-1450 12:41am, WLAY-1450 12:54am RS. 10/30- WENZ-1450 2:58am. 11/6- WFRA-1450 2-2:29:30am audible about 50% of the time on their DX as WLYV gave them trouble (WMOC looped out). WLYV-1450 12:54am RS. 10/11- WDLB-1450 1:02am s/off, KLMW-1450 1:06:30am TT. 11/20- WRCC-1450 9:40pm. 11/24- KGLW-1450 2:10am r/c strong. 11/28- WXVW-1450 11:35pm. 12/4- WFBS-1450 2:05am ET/mx. 12/8- WFPG-1450 4:05am temperature at Steel Pier & on the surf given. 12/10- WPAR-1450 12 08:30am SID, rr station. 12/11- WIBM-1450 12:01am pre-s/off info given; mentioned intercity microwave system. 12/16- WASK-1450 5:11pm. 12/17- WTCO-1450 1:44am, seemed to be s/off RS rather than on w/ET. 10/14- WCOS-1400 1:54am, WNUE-1400 1:58 $\frac{1}{2}$ RS, seemed to be rr. 10/23- WJLB-1400 1:15am. 11/6- KFRU-1400 2:55am. 11/25- KSIM-1400 2:15am w/TT; tone on from 2-2:15 & past. 11/28- WJQS-1400 1:30am RS, scounded c/w. 12/4- WROZ-1400 1:45am IDs sometimes as Rosy. 12/8- WMIN-1400 4:21:30am, calls itself Minnesota's Big Country Giant, c/w ofcourse. 12/8- WHHV-1400 5:22am c/w WCYN-1400 s/on 6am-SSB & then NX. I'm all for tests like WCWA, 1230 is blocked up all AMs except MM around here. A happy Millard Fillmore's Birthday to everyone.

Glenn Hauser - 303 Ash N.E. - Box E435 - Albuquerque, New Mexico - 87106

Shortly after I sent my last Musing, it became apparent that DXDD is "selectively" edited, i.e. not all the stuff reported gets mentioned. No better way to get me to put DX back into my Musings, hi! But I do believe it would make DX NEWS much more useful to have the DXDD just as comprehensive & complete as the IDXDD, & use Musings only for at-length comments about our DX catches & related, but not "hard" DX material (like this). If this were done, we would have fewer orange pages & more blue, possibly about an equal number. I only hope that Randy would be willing/have the time to do the extra work. What say? If you agree, please let HQ know! As long as present practices continue, I'll have to report my domestic DX both to DXDD (for sake of easy reference) & to Musings (to be sure they're all mentioned), & regrettably suffer the added few lines of duplication, sorry; JAC! But my domestic DX amounts to but a few loggings a month, witness: 11/18- CKSB-1050 FF St. Boniface Man. rather daytime @ 10:17am w/YL ID; KRVN-1010 decidedly daytime @ 2:12pm w/sports & @ 2:15 U. Neb. FB. 5:33pm, KBBB-1600 w/Mutual NX & ID jingle 5:35. 11/20- WSPA-950 Spartanburg, SC 5:05am ID, Clemson report u/CC. 12/15- New station KRSP-1060 Salt Lake 6:31pm, IDs as "Crisp new sound in the air," "Cosmopolitan sound", NX 6:32pm. 12/18- I finally bagged NB from here, "UBA"-1070 playing "Skaters" Waltz @ 5:40am //990/1010. Cops! better list that as 'tentative'. Could have been "CBUU" or "CBUV" (I indicate Canadian "CB" prefix stations in quotes to show that they do not conform to IRTU allocations, just like DU numerical prefixes & most LW beacons. At 4:20, KIXI-910 Seattle w/ID, TC u/CC, TT. 12/19- Daytimer KRZE-1280 Farmington, NM announcing 9:21pm that it was AN for duration of emergency, & message in Navajo from Chairman Nakah. They seemed to run CC between announcements. 12/22- KCKC-1350 San Bernardino s/off 2:58am giving only day power (5kw) although 500w nights, then SSB, quickly followed by KSRO-1350 Santa Rosa s/off in kHz, mx @ 2:59. At 3:04 YL gave s/off message on KQVO-960 Provo, Utah. After some legal difficulties over reassignment of license, KZIA-1580 here (ex-KLOS) is aiming for an airdate of 1/28 w/a "modified Top 40" format. Manager is John Deme. Best DX in '68.

AS THEY SAY IN SARASOTA, FLORIDA, "WIND." "WONDERFUL YEAR for NEW DX."

January 6, 1968

DX NEWS

13

Paul Kilroy - 2113 Fort Davis Street S.E. - Washington, D. C.

All times AM. First I want to extend my best wishes of New Year to all & hope that 12/25 was good one on the radio for everyone. A couple of items: KBOI has filed for an extension of their CP as of 1/1. It will be a while before they make 670k. Length of extension is unknown. Regarding the interference on 1495k it was terrific here. It surpassed the strength of CLMS regular signal & it's been heard here twice in what sounded to me like EE w/some mention of Virginia. I checked for local Va. stations, testing, but there were none. Christmas MM they were gone & I hope it stays that way. I managed a couple of easy QSLs, WOW CBW & KXOK. I am looking for some S of the border now. 12/11- I wanted CJRS & CJRN for reports, both previously heard & got enough info for reports. Other & new DX: 12/11- YVQJ Barcelona, Venezuela, @ 4:30 w/sports & mx u/WTIC. 12/13- WOW 3:30 w/HL. WIBW-580 w/HL 4am w/same tape as played on WOW @ 3:30. 12/17- WKMI 3:45 w/HL. 12/18- WADR (ex- REM) 2:37-2:50 TT w/station jingles frequently. WBIR-1240 3:40, TT. WCOP-1150 4am w/"AN Serenade." 12/19- YVUH, Radio Girardot, 12:50-1:55 s/off, good level u/WSM between WSMs c/w mx & in clear 12/25. They are the dominant SA here & play some good mx. 12/23- KAKE possible w/HL show on 1240 @ 2:15, not sure of this one. 12/24- CKVL-850 2:33. CHER?-950 w/CBC network program. JBC-750 Point Galina 2-2:15 between mx of WSB. 12/25- Yielded some good ones for me though routine for many. 4VEC-890 Special for NNRC pushed a 5-7 m by metre for a great success from 1:18-1:36 s/off. CBN-640 (Surprise!) @ 4:35 w/RS CBC program. UnID GS-930 w/pop as mx & good level but no ID from 1:45. JBC-700 Montego Bay @ 2:47 w/WX & mx between mx on WLW. JBC-740 @ 3am in the clear. HJDK briefly o/ JBC @ 3:30 w/pop SS. RJR-770 @ 2:03 w/semi-pop mx & frequency was all theirs. TIOS, 825, R. Titania, that only the deaf could miss. Heard 1-1:15 s/off, frequent IDs & Canada Dry ads @ 1:10. FYI- "How to Listen to the World" on P. 98 has a report letter in Portuguese. You could modify it slightly for the Brazilian stations. You might even get one from PRG2-1040! That's my one & only & others too. Also they have a short article on loopstick construction that might help the beginner to experiment w/ loops. It's a little vague, however. That's it for this week, best of luck to all.

Harold S. Williams - 50 Third Avenue - Seymour, Connecticut - 06483

On lonely verie, but a real nice v/1, WSPF-1000, Hickory, NC for #110 iron that state. DX? Well, on 12/11 WXCO-1230 Wausau, Wis. f/c-TT 1:10-1:15 for a good graveyard catch. Very clear announcement @ 1:12 & 1:14. OKAD-1490, if on for NNRC did not get in here as I couldn't loop out WBCB; unnn KOA-850 not heard; unnn WPNX-1460 Phenix City, Ala. ET/mx 2:25 & on. I tuned 740 @ 2:30 but failed to hear WBOO; unnn KRBC-1470 Abilene, Tex. heard poorly but needed KALG-1230 did not show here; some weird vocal mx on 1500 @ 3:20-3:35 but could not ID, poor signal, & I couldn't make out what language. (Sounds like that CKIM-1570 spur -ERC) 12/12- I didn't try for unnn WINR-680 nor unnn WBRV-900 on 12/16. 12/18- Of course needed WPTM-1130 didn't get by WNEW nor did needed WVAR-600 get by WICC; unnn WGSM-740 heard o/u CBL @ 3am but left to try for needed WYND-1280 but they didn't get by the 50kw. CJMS-FF, so back to WGSM & good signal @ 3:10. Unnn CJRW-1240 may have been the C station heard through QRM @ 3:25 but I left to try for needed CHER-950 @ 3:30. A CBC net ~~xxxxxxxxx~~ announcement heard & much mx, but no real ID & so much QRM @ 4 I couldn't make anything out. Happy New Year to all & I hope that your Christmas was a merry one. 73.

William H. Stone - Apt. 511 - 2265 Victoria Park Avenue - Scarborough, Ontario

Mr. Caday, Oregon, KMMJ KXXX KPAR all verified for me, reports to CE. Tom Hartloff, your station is CHRL. Other five stations in EE only. On 900 four stations use FF, CHNO CJBR CKJL CKVD & CKIS, w/CKVD CKIS & CHNO not continuously. Mr. Kane, your column, WPTR NY. My verie & logs show Virginia, possibly change in call, DXDD-1000. WKDE Va. is this a change in frequency? My log shows 1280k. (Yes -ERC) Now to DX. Can any of you boys tell me who has been fouling up CBE past nine AMs? TT is good, odd mx same, but when it comes to ID, rust yak at it from 20'. TT in there all AM 12/17, 1:02 & on, not one ID heard in 1 1/2 hours listening. 12/15- A nice program of foreign mx 12:30am till WRIN smeared em on 1560. Then there was a second station giving out w/five dashes, four dots, one dash - I think station was Austrian, YL & male announcer, light concert mx. 12/16- TT on 1540 1550 1570, 2:40 to after 4am, not one ID heard. Any of you guys needing WCBY-2240 Cheboygan, Mich. it's a cinch @ 6am s/on, still heard @ 6:30 12/17. Where can I purchase anything that gives Zip codes of USA? (Ernie Wesolowski mentioned such a book a while back -ERC) I think Boston P.O. area is back to tea-dumping ages- 11/25 DX NEWS arrived 12/5 - what did you say, (P. 14)

(Bill Stone) Len, postman w/a crutch? I got good news from orth specialist 12/6 - no operation needed now. I still have to wear spiral brace. What's happened to the Texas boys - dropped dead, or/what? To Chile John, letter to you, it's on list. Thanks to Lennie for those two lists, and a big hand to all you Editors who are doing a fine business job. (Thanks, Bill -ERC)

Charles Reh - 34 Garrison Avenue - Leamington, Ontario

Greetings. It's been a few months since I last appeared in these pages. A lot of DXing was done in that time but most of it is stale, so I'll just report the best (s/off, f/cs, etc.) 9/10- WEBR-970 lan s/off, only 200 miles but it took me six years to log it. 9/11- KWEL-1600 f/c 1:30-1:33am. 9/23- WKYB-1000 6:22pm. 9/24- WJSB-1050 7pm s/off; KEVL-1590 7:17 s/off. 9/30- WILY-1210 (ex-WCNT) 7pm s/off o/WCAU; KIUF-1580 (ex-KYND) 8:20pm w/c/w mx. 10/9- WIRK-1290 ET 2am. 10/15- WPBC-980 midnight s/off; WCLY-1320 ET/mx 12:05am; YSF-840 1:53am o/Cuban. 10/22- WNPT-1280 2:15am; XENU-1550 8:03pm. 10/29- WGTA-950 6:14pm s/off w/WWJ nulled. 11/4- KTGO-1090 6:15pm s/off-SSB. 11/5- WYNA-1550 ET lan; KJLH-970 r/c 1:37. 11/10- WQIZ-810 5:15pm s/off. 11/17- WSHO-800 5:50pm w/local WKLW nulled. 11/18- KTOC-920 f/c-TT 1:23-1:30, it's r/c but is not in list. CHAM-1280 (ex-CHIQ) 2am. 11/19- ~~WJTG-1000~~ 5:59pm s/off w/WTIC looped;; KOFI-1180 6:20pm w/WHAM nulled, were still on their day pattern. I wasn't able to get them on SM w/WHAM off however. 11/24- WAWZ-1380 6:01 pm for about one minute, eoyher s/on or s/off (s/on, Charles - 6-7:30pm Mon-Sat - ERC) 11/27- WKPA-1150 TEST 1:35; @ 2:15 very weak EE noted on 670 u/Cuban. Is KBOI on RS yet? (no, still on 950 -ERC) 11/28- WLIX-540 4:25pm. 12/2- WDEM-1500 5:25pm WJGA-1540 5:30 s/off. 12/4- WHIP-1350 TEST 3:04am o/WSLR. 12/18- WADR-1480 ET/TT & numerus SIDs 2:12am. WGSM-740 tentaitve w/TT 3:15 u/CBL & stop from CHIR-730 OC. WYND-1280 way u/CJMS 3:29. 12/9/issue didn't get here till 12/19 (by first class) & so tests by WVAR-600 & WDTM were missed, also missed was WERV-900 since the 12/2 issue had them listed as beginning @ 12:30 while the 12/9 issue had 3am. CHIR-730 DX 3:30-4, I didn't even know they were going to be on. 12/19- WMLT-1330 r/c-mx 1:45 -1:50, KFGO-790 r/c 2:45 w/CKLW nulled, JBC-620 s/on 4:45 u/WSUN, WRAW-1340 s/on 5:01, WMST-1150 w/on 6. 12/20- TT-1240 1:20; KXOX? WHIH-1400 1:30, WMCL-1060 ET 2:45, WBH 950 5:55pm NX; WGVM-1260 s/off 6, KVET-1300 6:25, KRGV-1290 6:37. 12/22- WETU-1250 5:36pm. WWWB-1360 5:45 s/off. 12/23- WFSC-1050 5:30 s/off. 12/24- WFMO-860 5:06pm, WAYN-900 5:15 s/off, WERD-860 5:30 s/off, WARE-1250 5:35pm. 12/25- 4VEC-890 DX 1:19, ZBM2-1340 3:37am // 1235. J. Starr, I hope your "mystery station" is WSAJ-1340 as they are my closest unheard @ 152 miles. Merry Christmas, Happy New Year & 73.

Frank Merrill - 1790 Jewell Road - Milan, Michigan - 48160

Another month is up so it's time for my next Musing. Despite what Gordie, Bugaj, etc. say, reception CX here jave been nothing but fabulous, predominately Aurora reception this month. Over 50 new ones since last Muse: 12/2 (19): WCOV-1170 WCPS-1360 WCNW-1560 WMNZ/KVPI-1050 WLWD-990 WCTA-920 WKMK-1000 for newies at SSS, then the Aurora really set in w/HIBE-1180 YSU-1050 YSQQ-905 HJAI-1015 HOB21-1115 HOL55-1315 TVPB-1090 TIJJG-1575 YNW-930 GCAW2-975 OAX4A-854, the latter assumed to be the one v/c/off @ 11:58pm. 12/3 (7): XEMP-710 12:03am, WTAN-1340 s/off 12:07, HJKA-540 AN, CMET-670 finally logged "officially" & WQIK-1090 WSWN-900 WIMO-1300 at SSS. 12/4 (1): WHIP-1350 w/TEST/mx 3:33am. Most all of my time that morning was spent on TV & FM. 12/11 (5): WHRN-1440 ET/mx 3:07am, then WNRV-990 WIFM-1540 WHEL-1570 & WHLE-1320 logged for SSS newies. 12/21 (1): KANE-1240 s/off 12:04am! 12/22 (5): WILY-1210*& WIFB-970 at SSS. 12/25 (4): WUBE-1230*, 4VEC-890, YVSH-820 TIQ-1200 (in EE) plus an unk SS who was AN on 1190; all of these are MM catches, & WUBE is apparently N3P now. 12/26 (8): WXERF-1490 ending ET/mx 1:45am, WFBF-1570 s/off 5:30pm, then YVNM-990 YVQB-1110 YVNN-940, WIBS-885, YVKY-710 YVIB-1040 heard at late SSS & during the evening. Boy, was Venezuela loud early this PM! Dave Fischer "Fish" will hate me for this, but my starred catches only mean they are new call letters for me, hi! Two new countries for me in the above were Peru (12/2) & Montserrat (12/26), bringing my total heard countries up to "unknown", hi. Since last Muse, two veries in at last: WDRC v/q, & WMCL v/l. Current SC total is 1,497. I hope everybody had a Cool Yule! 73s, all.

By Johnson - 504 16th Street - Mendota, Illinois - 61342

Time for a Muse. Due to very poor CX this season, as WX has been warn for this time of year, DX has been slow, & after 2,700 veries you sorta slow down. I have tried many times & have reported to CJRS-1510 on MMs. CHIR-730 heard for a new one & verie back. WLAQ-1410 heard several times w/AN sked & veried. Veri from WBRI after (P.15)

January 6, 1968

DX NEWS

15

Ev. Johnson - 504 16 Street - Mendota, Illinois - 61342
(con'd from P. 15) 11 months, 1500k. CHIQ-1280 now CHAM failed to verify even after f/up, the only Canadian that refuses to reply, & I have 157. Seems to be too many ANers for the DXes to get through. Price of veries goes up 1/7, & sometimes they won't verify. So goes DX. I want to thank all those who sent me Holiday Greetings. I probably missed a couple but do wish you all a Very Happy New Year & good DX in '68. Jan. 1 I begin my 17th year at DX; 2,729 veries. I hope to make 3,000 some day, hi. Good DX & 73s.

Charles R. Rader - 22 Robert Street - Hamburg, New York - 14075

I thought I'd send in a Missing, to list my DX for the month of December. 12/6 - I copied needed KDKA-1020 for my first report in two months. It seemed appropriate as my last report was on 10/2 - for the KDDA-1560 TEST, hi. 12/9 - WENY-1350 heard on w/TT & conducting TESTs, 1:17-1:28 s/off. 12/11 - WEZE-1260 barely o/WLXY/WADR from 12:56-1:17 (and on) w/TT. 12/14 - I noted CRE-1550 off this second Thursday AM. WHIZ-1550 TTing from k:26-2:09 (and on) & IDs only on the hour & half hour. Then KOKA came on to test w/TT 2:20-2:33 (and on). About an hour later, on 1320, W20K was heard conducting tests at 3:17-3:34 (tune-out) using c/v guitar instrumentals, w/ slight traces of AM WILS in the background. 12/18 - WADR-1480 (ex-WREM) tested a good part of the AM w/different SIDs & nothing else, noted here from 12:48-12:56 & at other times till about 3am. 12/19 - Ann WLET-1420 about the only tester this AM, on w/TT @ 1:55 (and on). WDXR-1560 s/off @ 1am. WERY-1500 s/off @ 1:02 w/instrumental SSR. 12/25 - I was on 800 @ 1am to catch WLS' s/off. Then the 4VEC dedication announcement immediately following - mentioned staying on later for the NRRC & gave frequencies including SW. But when I about an hour later - after checking around for other testers - there was no sign of 4VEC, just Radio Nuevo Mundo. So it goes, hi. A few veries in: v/l - KOKA. v/f - KDDA, & v/q - KDKA. I hope that all NRC members had a Merry Christmas & A Happy New Year. By the way - it looks as if WSAJ-1340 will be testing for the NRC, probably some time in February. 73s & good DX.

Tom Hartloff - 177 Depew Avenue - Nyack, New York - 10960

(The Tappan Zee DXer). Hi all. Heard: 12/16 - CBO (finally), CBZ & CBL w/rule ex. These were on AM. 12/18 - WGSN IAC, of course, w/TEST. CBL was there all the time, except when WGSN put on the audio. Verified: #200 arrived! And ironically not a Domestic: CMCA, Habana w/v/l & v/q in EE. Also v/q - WOAI; v/r - WCAM WCDL CKGM. I didn't have any Cuban stamps so I sent a U.S. stamp w/American flag on it & words "Register & Vote." But they didn't use it on my letter, hi. Good Christmas here. My wife got me a book on SW listening (tek) & a new RX which I haven't got yet. I also heard CBV on 12/16 AM. 73 & as they used to say in Buffalo when I was sitting on my grandpappy's knee: (and still do on FM) WBNY: Wishing a Better New Year!"

Len J. Bernah - 1611 Diogen Lane - East Meadow, New York - 11554

Greetings everybody. DX since last Muse is as follows; 12/10 - WVPO-840 Pa. briefly atop the channel @ 4:22pm, but not enough for a report. 12/18 - WPUT-1510 NY o/WNLC/WRAN @ 3:30pm, ex-WBRW; log taken & report sent to WCDQ-1220 Conn., ex-WDEE. 12/23 - WVAM-1430 Pa. o/YKFK @ 1am; WKLX-1440 Va. atop channel from 4:45-5pm s/off. MM 12/25 - TEST from 4VEC-890 came in fair to good, u/less of TT, CC, & hets. They were in beautifully on 1035, of course. WFBC-1290 Pa. still going strong after 2:30am, possibly AN; unnn here. Who was the EE on 1280? Noted @ 2am or so. Also heard were Jamaica outlets on 750 & 770. 12/26 - Auroral CX @ SSS produced a bunch of Southern catches. WKIG-1580 Ga. s/off 5:30pm; WENG-1530 & WAAY-1550 were on top of their respective channels briefly @ 5:33; WTQX-1570 Ala. 5:40-5:45pm s/off, easy log; WCKJ-1550 Miss. 5:55-6pm. They abruptly disappeared @ 6pm, power & pattern change, I guess. 12/28 - WOI-640 Ia. @ 7:15pm. 12/29 - WTYC-1150 SC @ 6:20am; WIRC-630 NC 6:40am; an EE was heard on 540 about 6:10am, definitely NOT DAK. They had WX report & MoR ex - who is this? 12/30 - WKD-1310 SC noted weakly @ 6am s/on, no report possible. Veries have been coming in slowly, but surely. v/pp - WHAZ-1330 WNNR-620 WVOX-1460 WRAD-1460. The v/s of the latter signed it "Chief Procrastinator (sic) and Humble Hedonist." v/l - WPYB-1580 WEJL-630 WRKO-680 WCTW-1550 WKAM-1460 WYRE-810. The latter four included CMs. v/f - WAVA-780, w/CM. As they say on Channel 11 in Monroe, La., KISE - Keep Listening in Sixty-Eight! 73s & C U N 7!

Donald K. Kaskey - Hotel El Rancho - Box 235 - West Sacramento, California - 95661
Pretty quiet on the Western Front. As I am surrounded by power lines when a bit of bad WX comes along, the buzz destroys DX & that has been the case the past two (P. 16)

January 6, 1968

(Don Kaskey) weeks. Power company was supposed to check it but didn't & NYE looks like a bust DX-wise now so I will drink (Long Live ERBA.) Nice visits were enjoyed w/Dave Prather, Texan Mike Tannery, j. dan Sheedy who informs that he is classified LA but what would Unc Sam do with him & ERBA buddy Gene Mattocks who has taken it upon himself to be the Contest double-checker & somehow manages to always reduce my totals. Very embarrassing. Seems a good time to announce the next WX DX get-together ~~at Sacramento~~ which Mike Northam has aptly entitled "The Washington Washout." Partly because it will happen o/Washington's Birthday Feb. 22-25, 1968. Location is Hotel El Rancho in West Sacramento & the wheels are churning. Don Kenney plans on chancing it & Gene Mattocks WILL be here this time. His courage is returning. Ver-ies in from CHQM-1320 v/q & KSRM-920 Soldatna, Alaska, v/1, #2 from Alaska. KINY, KFQD KFAR are still holding out. CHQM-1320 on 12/10 3:31-3:45 w/KCPX off; KHOT-1250 s/off 12/10 7:45 $\frac{1}{2}$; KYET-1469 Idaho s/off midnight same day. 12/11- KRBC-1470 Texas IRCA DX; KGMB-590 Hawaii good after 3:45 atop all. 12/18- KAIR-1490 Ariz. heard w/good mx @ 6:11am w/CARE Time. 12/19- ZCO--1020 Tonga finally for solid hour 4-5am s/off very minor KDKA QRM. 12/19- KXIV-1400 Ariz. relaying KSL programs w/local ID every half hour. 12/20- ZCO again. 12/24- XEEG-1550 finally an ID. 12/25- XEBBC-1470 BCN s/off 3:06, KGFJ-1230 Cal. through hash @ 3:46, KRNC-1240 Cal/ s/off 4:04 & XEKT-1380 BCN noted running AN along w/jillions of others & poor CX. Buzz has killee everything since. 73 to all especially w/New Year now here. #1 song for '69 will be CALIFORNIA HERE WE COME. WEST SACRAMENTO, that is. ERBA wants you!

Roger W. Winsor - 739 North Juniper Road - Valparaiso, Indiana - 46383

DX has been terrible. Boy, I've never seen such an extended period of bad CX. This AM 12/28, static was unbelievable, but yet it was 15° out! SSS practically non-existent, it appears Auroral CX, but yet Texas & ~~TX~~ stations don't come in either, just LAs. Oh well, to DX, such as it is: 12/15- WMNS-1360 r/c-TT 12:48-1 & IDs every five minutes. KWO-1410 Sheridan, Wyo. noted @ 1:40 s/off o/QING using religious message. Good catch, but unn. 12/16- TT on 1520 @ 1:17-1:22 when IDed, but couldn't get it. All I got was W--. Anybody else catch this one? KTCC-920 r/c 1-1:29 w/TT. WDR-1586 noted @ 1:35 but mucho splatter from WAKR/XEDM combo. Germany #3. KRZE-1280, Farmington, NM r/c-TT 2_01-2:15, IDs every 4-5 minutes, S-9 at start, could hardly hear them when they went off. Another try for a verie out of KVRA-1570 when ET heard I&C @ 2:25-2:31. I called Len Kruse at that terrible hour of the morning because it was a Sat. AM & I knew he needed them, only to find out he logged them four days earlier, hi. CJLR-1060 heard 12/17 & quite a few evenings since then. A power increase or DA change? 12/19- WFIW-1390 Fairfield, Ill. finally logged 5:42-5:45pm s/off I&C w/WNUS nulled. Also WONA-1570 Winona, Miss. heard on SSS, s/off @ 6. 12/20- I couldn't sleep, so I got up & heard WCTA-920 f/c @ 5:49-5:54 w/DT. Report & inquiry off to them if r/c. Also WBER-950 Moncks Corner, SC s/on @ 6:01, then good solid log till 6:17, w/c/w mx, & a wild announcer, hi. Third new one was WTLO-1480 Conerset, Ky. s/Somerset market report @ 6:32, but faded immediately. 12/21- KORC-1140 Texas in briefly o/WRVA, but faded then @ 5:38. WTTI-1530 heard on RS 5:20-5:24 w/two local spots, but because of Christmas, I didn't ever get around to sending a report. Too late now. Also I logged two new 1540 stations at the same time in WJGA Ga. & WANL Ala., both s/off @ 5:30. WJGA urged all to tune to 92.1 FM, & WANL IDs as the "Country Giant", so keep your eyes out for them. 12/25 Christmas AM, a washout save for hearing TIJJC-1575.

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

Two veries in, WKCY-1300 & WTZE-1470. 12/21- I think I fished out WBMA on 1400 in the millenium @ 6:30-6:45pm, a tentative off to see, on an Aurora night. SM 12/24- Cuba back on 650 this AM. An unID SS was heard on 858k 2:30-3:11, mostly mx & not much announcing, sorta weak - any clues? MM 12/25- Last time Christmas comes on a Monday until 1972! So I concentrated on LAs around frequencies of local stations. On 1190, there were two, but two too weak to ID either. I just heard YNAG-1475 s/off @ 1:58. On 1015, one w/many ads for "La Francisca @ 2:30-3, then after 3, either the same one or another w/calls announced often (YSC) and slogan, R. Internacional, for a good report. TGJ-880, unn, was on around 2am, but at 3:45, the channel was controlled by R. Bucaramanga, HJGE, & a report till their 4:01 s/off. On about 882, there was a Panamanian, thought to be HON33 w/Ranchero mx mostly, & a report to them. Final one was HIAM-660, La Voz del Quisquayana, 4:45-5am when BNC's carrier came on. 12/30- New lopp in, buolt by Vinny Cavaseno - thanks, Vin! 1/1- DX OK, but DXer looped, hi.

CONGRATULATIONS

To RON MUSCO, who has recently gotten married. We wish Ron and his wife all the happiness in the world as they join forces to face life together.

CHANGES IN STATION DATA (FCC)

Purchased from Cooper-Trent, Inc, Washington, D. C.

NEW STATIONS

- 940 Shell Lake, Wisconsin 1,000 D-1 1400 Ainsworth, Nebraska 1,000/250 U-1
- 1070 Plattsburgh, New York 5,000 D-1 1470 De Witt, Arkansas 500 D-1
- 1480 Yadkinville, N. C. 1,000 D-3

NEW CALLS

- 1090 W G O C Kingsport, Tennessee (on) 1520 W A O A Opelika, Alabama
- 1110 W J S M Martinsburg, Pennsylvania 1540 W A N L Lineville, Alabama

CALL CHANGES

- 1210 W I L Y Centralia, Ill. fr. WCNT 1220 W C D Q Hamden, Conn. fr. WDEE

FACILITIES

- 610 K F R C San Francisco, California, 5,000 D-1. Move XR E.N.E., taller antenna (437', from 350').
- 990 W N R V Narrows/Pearisburg, Virginia, to 5,000 D-1, from 1,000 D-1.
- 1050 W H N New York, New York, 50,000 U-3. Move XR W.N.W.
- 1140 W C L W Mansfield, Ohio, 250 D-3, from 1570 kc/s., 250 D-1.
- 1380 W W I Z Lorain, Ohio, 500 D-1. Move XR S.S.W., antenna to 140' fr. 200'.
- W G U S North Augusta, South Carolina, 1,000 D-1. Move XR West, increase antenna height to 360' (from 180').
- 1420 W C E D DuBois, Pennsylvania, to 5,000/500 U-2, from 5,000/500 U-4, no change in nighttime operation.
- 1430 W V A M Altoona, Pennsylvania, to 5,000/1,000 U-2, from 1,000 U-2.
- 1450 W L Y V Fort Wayne, Indiana, to 500/250 U-1, from 1,000/250 U-1 (reducing daytime power!)
- 1490 K O W L To South Lake Tahoe, California, from Bijou, California. 1,000/250 U1.
- 1500 W A K E Valparaiso, Indiana, 1,000 D-3. Minor changes in directional array.
- 1540 K F K F Bellevue, Washington, 1,000 D-1, from 1330 kc/s. Replaces KBVU, which is hereby deleted. (All above info dated in August 1967)-ERC

HEARD SINCE LAST ISSUE

- 970 W T B F Now 5,000/500 U-2. FCC 1340 W D M E Dover/Foxcroft, Me. FCC
- 1010 W C N U New XR site FCC 1420 W E U C New XR site FCC
- 1040 K H V H New XR site FCC 1430 K O S I Now 5,000 U-2; newsite FCC
- 1130 K B L R Ex-1550 NRC 1490 W S I B Now 500/100 U-1 FCC
- 900 W K J K Ex-1580 NRC 1540 W K K R Pickens, South Caro. FCC
- 1080 W K L O New day pattern FCC 1560 W C I K Gordon, Georgia NRC
- 1280 K O A G Now 1,000 U-2 FCC 1550 W C V L New night pattern FCC
- 1320 K M A Q New antenna FCC 1580 K E S M Now 500 D-1 FCC
- 1330 W F T O Fulton, Mississippi FCC W O R G ~~xxxxxxx~~ ~~xxxxxxx~~ ~~xxxxxxx~~ FCC

New CPC IPRTs, from the CDXC Bulletin

- 570 C B M L Val d'Or, Quebec 40w. 1340 C B N H Seanstown, Nfld. 40
- 740 C B A W St. George, N. B. 40 1450 C B X H Cooper Creek, B.C. 40
- 1150 C B X S Midway, B. C. 40

Other CBC Changes, from CDXC Bulletin

- 1150 C K O C Hamilton, Ont. now 10kw. 1230 C J S A Ste. Agathe des Monts, Que. 1,000/250 U-1 (new station)
- 1320 C H Q M Vancouver, B.C. now 50kw.

Dick Truax - 3363 Eisenhower Road - Columbus, Ohio - 43224

12/17- WMLT-1330 @ 5:20pm w/rr; WHIE-1320 @ 5:30pm s/off w/Dixie, CJLR-1060 @ 6pm w/FF NX o/KYW. MM 12/18- WDTM-1130 @ 2:20am w/TT & phonetic ID every two minutes u/WNEW, WCLC-1260 @ 2:25am w/ET/nx, s/off @ 2:30am, WADR-1480 @ 2:45am w/ET, used many SIDs to 2:55am tuneout, WJET-1400 @ 3:05am w/WLN WBTS-1480 s/on @ 3:18am w/ET w/c/w nx till 3:25am tuneout, WCND-1400 @ 3:25am w/rr, KFH-1330 @ 4am w/NX. WING-1410 noted off this MM w/only OC, but still nothing u/OC. 12/26- YVKS-750 R. Caracas ID o/WSB " 10:15pm for 20 minutes of nx; YVQQ-770 @ 10:50 o/WABC w/nx, frequent "R. Puerto La Cruz" ID. I thought they were on 760? YVKE-1100 @ 11pm ID "R. Culture" u/WKYC. YVOZ-1080 "R. Barcelona" ID on top @ 11:12pm. 12/30- WLCN-1510 brand new first noticed on RS @ 11:30am today w/MoR type nx. I missed Christmas DX, I hope to do better o/New Year's MM. Back in seven - 73.

LAST MINUTE CPC INFO...

On deadline date, NRC Headquarters has been notified of the following DX TESTS...

Mon Jan 15 WEEB Southern Pines, N.C. 0010-0200 EST 990 kc 5000 watts NRC/Kureth
Joe Kureth, NRC'er who works at the station, says WEEB will be on the air to test equipment and duo. During the first 50 minutes, the Chief Engineer will be utilizing tone modulation with frequent ID's. Following this portion of the test, further testing will continue with music (mostly rr) and lots of ID's. Joe will be on hand for this portion, despite being scheduled for the Monday morning s/on shift and school. Return postage is requested and all correct reports will be CSL'd with v/1 and CM and SC if requested. Reports to Joe Kureth, WEEB, Box 570, Southern Pines, North Carolina, 28387. Hopefully, the 5000 watts from WEEB will be able to penetrate AN'ers WNOX, WIBG, CBW, and KTKT for a good log for most members....

Tue Jan 16 WSON Henderson, Kentucky 0230-0330 EST 860 kc 500 watts NRC/Krass
Another 860 test program ... this one scheduled on Tuesday morning when AN KONO in San Antonio is off the air. Reports for this test go to Mr. S. Jerry Kissinger, Radio Station WSON, P.O. Box 418, Henderson, Ky. 42420. Information on this program comes from NRC'er Artie Krass.

SOME FCC DATA...

Some space being available, but not the time to get it all sorted, some FCC material from the pages of BROADCASTING in recent issues is herein included:

- 1190 K... DeSoto, Mo. 1000 D3 De Soto Broadcasting Co. New Station granted
KPGC Page, Arizona Lake Powell Bcg. Co. Call letter request
WA6K Gardiner, Maine Durgin Associates, Inc. Call Letter Request
WVLY Water Valley, Miss. Tri-Lakes Bcg. Co. Call Letter GRANT
WCSW Shell Lake, Wisconsin Lutz & Erwin Gladdenbegk Call Letter GRANT
WILT Tomahawk, Wisconsin Tomahawk Bestg. Co. Call Letter GRANT
KFBR Nogales, Arizona Granted License
WTRI Brunswick, Maryland CP for power increase from 250 w. to 500 w.
KWEB Rochester, Minn. CP 5000-D, 1000-N U4 from 5000-D3
WNKO Fair Bluff, North Carolina Granted License
WLIK Newport, Tenn. CP to change hours to U-2, with 500 watts at night
WCMS Norfolk, Va. CP to increase power (not listed) and install D-3
1150 KKEY Vancouver, Wash. CP for 5000-D, move to Portland, Oregon. (Now 1000-D)
WGYW Knoxville, Tenn. REQUESTS change to WJBE
KSPA Santa Paula, Calif. GRANTED change to KQIQ
WWDS Evecett, Pa. GRANTED change to WSKE
1370 W... Cadillac, Mich. 5000/1000 U3 Fetzer Bcg. Co. CP New Station
980 W... Starkville, Miss. 1000-D Charles Kenneth Irby CP new station
1500 W... Watkins Glen, N.Y. 250-D1 Watkins Glen-Montour Falls Bcg. Corp. CP new station
WK6Q Garner, N.C. Edw. C. Atsinger III Call Letter REQUEST
WDEB Jamestown, Tenn. Fentress County Bcg. Co. Call letter request
W6IK Jacksonville, Fla. Licensed frequency change, power increase and D-4 (daytime director al, two different patterns)
WJKY Jamestown, Ky. New station licensed
WESC Greenville, S.C. Granted modification of license to change from 10000-D (DA critical hours) to 10000-SH (DA during Specified hours)
WAVY Fortsmouth, Virginia GRANTED change to WTWR
1540 Gretna, La. 500-D West Jefferson Bcg. Inc. CP New station
1090 W... Berlin, Wisconsin 500-D Beacon Radio Inc. CP New station
1500 WGNF Watkins Glen, N.Y. W.G.-Montour Falls Bcg. Corp. Call letter REQUEST
KEXS Excelsirr Spgs., Mo. Ex. Spgs. Bcg. Co. Call letter GRANT
KURB Mountlake Terrace, Wash. Mount-Ed-Lynn, Inc. Call letter grant
WLEF Greenwood, Miss. Licensed Power Increase
1210 KGYN Gymon, Okla. 10000-U2 Change from 1220 grant becomes final...
WMPY Williamsport, Pa. 1000 CP Power increase from 250 watts

CALL CHANGE GRANTED: KFHA, Lakewood Center, Wash., Granted KOOD ... APPLICATIONS, KOMH, Omaha, Nebraska, KOZN; WRRG, Spring Valley, N.H., requests WK-W ... and WTRW, Two Rivers, Wisconsin, asks for WOTC. Sorry time considerations have not allowed locking up completing data, but most NRC'ers can find such info in their sources.

DIALOG...

WITH THE PUBLISHER...

PURPOSE...

DIALOG, to be published on a non-scheduled basis when the material at hand merits it, will provide what the name implies ... an opportunity for the club members to talk to their club governing body in an open forum about problems that pertain to the club as it attempts to improve its furnishing of information pertaining to the hobby. Dialog will NOT be an unlimited forum where a member can expound forever ... it will be edited ... but with the idea in mind of providing a fair cross-section of club opinion. The Publisher does not believe that he is 100% right ... that he has all the answers to all the problems ... he does believe that many members can have some answers and that the way to bring them out is to provide a forum where they can be discussed. So Dialog. Or as member Mike Northam puts it, "Re your comments on the future of EGB DX, etc., I would heartily endorse an increased dialog on the entire subject ... If you're thinking of perhaps starting some sort of forum on the subject in the bulletin, I could perhaps be persuaded to expound on a few of my own personal thoughts and observations. And maybe we could think along the lines of an inter-club discussion, while we're at it???" Well, Mike, here's that chance ... and as far as inter-club dialog is concerned, that's up to any other club that's interested.

COURTESY PROGRAMS COMMITTEE ...

seems as good a jumping off point as any, in view of the publisher's initial comments and the letter from the President of IRCA, we'll excerpt some words from Jerry Starr, commenting on the Godwin letter. Jerry makes some comparative remarks about numbers of programs and points out that some programs that were arranged and appeared in the DX Calendar actually did not go on the air. "A little study of Tests that didn't make it over the past few years ... it seems that those most prone to fail to show up are those arranged far in advance of the projected date. Granted, there are many good reasons a station might not go on as promised -- technical problems, change of engineering staff, sleeping in. All these things taken into account, the one biggest reason for missed tests is simple forgetfulness on the part of the station personnel involved. I think we all agree it is advisable to arrange tests well in advance to facilitate notification of members, but a Test arranged for a couple of months in advance might be forgotten in the constant "rat race" with which we in the business are so familiar. It would appear that a friendly reminder by the person arranging the Test would be in order, timed to arrive at the station 2 or 3 days before the anticipated Test date. I have always made it a practice to send a letter to Testers I have arranged the week of the Test something like: "... news of your DX Test broadcast has been published in our bulletin, the DX NEWS, and I'm certain that our members will be listening at (time and date) for your signals. Again, our thanks in advance for your courtesy in conducting this test. We'll be listening for (Call letters)." A brief note such as this is not only a friendly little bit of correspondence, but a subtle reminder. You don't have to come right out and say 'Don't forget the Test,' just a bit of friendly persuasion at the right time should help clear up those no-show Tests."

One with a little experience in arranging tests, NNRC CPC chairman John Tweedie, who, of course, is also an NRC'er, has some observations: "From my own experience, a CPC could use 25 members, and if each one got a DX a season, this would be a fair amount for the year. However, in te your Editorial in the Dec. 23rd bulletin, I am sure that you know that most DXers are apathetic and as you say a complacent lot. This applies to all DXers, not just members of NRC. You will find that there is always a small group who try to carry the load and try to do a job with the Bulletin. Even the trivial task of contacting a few stations for DX programs is too much for them. I told all my Committee members to try for good, solid DX programs that most DXers can use."

Joe Brauner ties the CPC problem into an overall picture of the problems of the hobby: "As a former NNRC CPCer way back in the early 30's, I can surely believe that CPC work TODAY calls for the highest kind of salesmanship, diplomacy, etc. It was a cinch in those days, compared to now. The DXer's image, in the eyes of the station official, is fading fast. Can this trend be stopped, or better, reversed??? Possibly by a lot of hard work done by the right kind of DXers, men of the Richard Wood, Admiral Nelson, Cesar Objio type, might be able to swing it. The hobby has a lot of forces working against it, few for it. Once the principle source of information of signal efficiency and quality to the station CE, the DX report today is of little or no real value to most CE's. In some cases, it's actually an embarrassment to the station engineers for often it shows their signal entered some area where the FCC says it shouldn't have been audible. Also, from a largely experimental affair, broadcasting has become strictly a commercial business, and outside of some small stations in remote areas, the handmade transmitter and its interested engineer, is a thing of the past. To this gent, DX reports were the supreme reward... to the modern CE, they are so much extra, unwanted work."

And that, Joe, may well be why a CPCer considers himself lucky if he is able to talk one station out of 10 contacted into producing a special test. A couple of questions that we might throw out: What about personal visits to arrange tests? ... and what about arranging REGIONALIZED test programs? Or should we do away with CPC work altogether, as Richard Wood appears to suggest, on the reverse????

More on CPC from Richard Wood: "I am totally opposed to the suggestions made by Larry Godwin ... for CPC programs. Our hobby is not ham radio, with transmissions specifically directed to hobbyists, but ought to present the challenge of eavesdropping on broadcasts directed only to the coverage area of the station in question and on a schedule designed to suit its local audience. Interference by DX-ers with the scheduling and programming of stations renders the hobby false and artificial; I would never include in my collection verifications for receptions of stations other than on regular schedule, or extended for legitimate reasons (election, emergency, etc.) Let us hear no more of this iniquitous proposal."

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 BULLETIN FORMAT ...

Find Bruce Reynolds our leadoff man. "To me, the bulletin has two extra-important sections that shouldn't be tampered with or cut -- namely, the musings and IDXD. I'm sure you agree on the value of IDXD, but from some of your comments, I wonder if you feel the way I do about the Musings Section. In my opinion, Musings makes the NRC more than just another club. Through that section, it is possible to get to know other members, as well as read about their DX in interesting format. With no complains about the way the column is run, I think Domestic DX Digest is a waste of space. Most everything in it appears in Musings anyway, and it is much more interesting reading there.

"Feature material is good, but if it means cutting either of the two main sections, I feel it is of secondary importance," Reynolds continues. "Maybe technical articles could be made available for a SASE to those interested, instead of sending them out with the bulletin. The postage increase was unfortunate in many respects, but if it will keep DX News first rate, the way it is now, I'm willing to pay more."

Bruce, I am impressed by occasional comments from members who are exposed to something like Adm. Nelson's Subaudible Heterodyne techniques and suddenly find themselves becoming interested in studying some of the technical aspects of radio to be able to improve their reception techniques. When, for example, a technical idiot such as I can watch (and hear) Gordie split off a Latin American less than $\frac{1}{2}$ a kc. away from a highpowered, S9+ domestic and bring the Latin to 100% readability, I know there's more to successful DXing than just buying a good receiver, attaching a high-powered antenna to it, and tuning away. Let's say a kid is just starting out, and to him, WOAI is DX. To him, an article on "How to log all the Clear Channel stations" might be more interesting than an article entitled "Logging Frequency Checks on the Graveyard Channels." So if he's never exposed to new ideas, he's not going to be interested in new ideas. Have you every read a club bulletin where the entire club is composed of beginning DX'ers?

Again, Jerry Starr contributes a word or two: "I have heard comments from various members leaning toward adopting a format similar to that of the IRCA where all DX is listed much the same as our own DDXD. At first glance, this might seem a more efficient way of presenting DX tips. However, it is still important to provide some sort of media for general discussion and comment as is offered in our Musings. Unfortunately, in the DX Monitor, their Forum seems to have degenerated into the pit of 'teeny-boppers-ville'. Perhaps this is what happens to a Musings-type section when the temper of DXing information is taken away. Of course, their general membership is of a much younger average age than ours, but still I don't see this as being the crux of their problem. It is important to preserve the outlet for general DX yak as we have in the Musings, this very certainly gives the NRC its 'personality', ... Since the only thing all of our members share in common is DX, taking this out of Musings would probably do more harm than good. The original idea of completely separating the two, as the IRCA did, is good on the drawing board, but in actual practice it seems to relegate the section to personal asides, record popularity yak, and other such 'dribble'."

I think the IRCA format would work, Jerry, if a few more members like Larry Godwin, Ed Krejny, Randy Seaver, Gray Scrimgeour and the like were to contribute regularly and set the standard. Bob Hoffman has some comments about standard-setting that will appear atop page "DIALOG-3" which tie in well here. I will note here that I had suggested the present IRCA format to Bill Mittler back in 1964, not so much as a better way to present DX, but as something that would present it in a form different from that of NRC. I suggested their growth potential lay in being something different from the long, established club rather than a smaller copy. But I will state in all honesty that the "personality" of the club, as expressed in Musings, was what got me interested in BCB DX back in my "beginner" days. (I suppose there are some who might think it may have been better had I lost interest early, but that's not for discussion here !!)

Starr continues: "The problem is, to be sure, a knotty one. My thoughts run toward an all-out program to increase the size of Randy's fine DDXD to 4 or 6 pages and the Musings to a similar number. With enough prodding of the members, this section could be enlarged."

FACT: Randy's deadline is Thursday before publication date Friday. Ernie's deadline is Tuesday. Mail sent Monday night from any place in the country can get to Randy by Thursday. QUESTION: Why do not NRC'ers take advantage of this chance to get their SUNDAY and MONDAY morning DX published a week earlier when it would be more timely for their fellow-members ... and a better measure of their skills as a KEY domestic DXer???

Robert N. Hoffman looks at our Musings with much the same eye that Jerry Starr views the IRCA bulletin, saying: "Yes, I can well understand the rigors of putting the Bulletin together, but doubt if many others do. I have edited newspapers and bulletins, headed up a Kiwanis Club, toil long extra hours now for Rotary, and am co-chairman of the Institute of Traffic Engineers Convention of 1500 next August. No one realizes the time these things take. I feel like a parasite for not contributing more but frankly, if it wasn't for IDXD, wouldn't even bother belonging at all. The musings are included to be infantile and people harp back and forth about things they have never handled and have no idea of the ramifications involved in the things they are criticizing. I would rather pay \$25.00 per year and get secretarial help to take the stencil load off people's shoulders, but I know it is not feasible."

Bob indicates there may be a solution to the Problem: "I do, however, endorse whole eartedly your idea of selective editing and think it is mandatory. I couldn't be less interested in SC's, teenage babblings about disc jockeys and the like. I agree the editing should be extended to mature and serious reports which contain news of little interest, or which has been used before, etc. If we are running a news bulletin, it is unthinkable that the editors have no license to edit. No newspaper, magazine or bulletin can long survive without a marking pencil, scissors, and glue pot. We should use them all diligently, and, of course, judiciously. You will find that this will also have the effect of upgrading the caliber of the reporting as people begin to realize that their material is being evaluated. Yes, prune the Hell out of the reports, I say. Mine, too."

Hoffman adds a comment about the cost to the member: "How about some thought to a big rise in dues for a full membership with a weekly bulletin? Or go to a bi-weekly bulletin with IDXD on a weekly bases for an extra stipend? Seems like a little mordern office procedure is indicated, with dictation equipment and secretaries on part time salaries, if feasible. Cut the musings down to DX material, properly edited and send it out less often. I'd pay more to employ people, but we'll lose 25% of the membership or more."

WELL, BOB, I HOPE OUR COMPROMISE MOVE, AS OUTLINED ON THE FRONT PAGE, GIVES US AN OPPORTUNITY

TO EXPAND OUR SERVICES WITHOUT HURTING THE MUSINGS FANS TOO MUCH. BUT TIS TRUE, EDITORS EDIT. From Walter Breville comes this communication, addressed to the problems "How to convey logging tips, and provide technical and technique tips ... and present these to satisfy both veteran and novice DXers:

"---Separate all recent new DX (domestic) catches reported by members from Musings, all to be recorded in an expanded DDXD section instead. Musings from now on to be a la IRCA "Forum," for discussion of technical tips, operating methods, and veries, and other miscellaneous 'gab' pertaining to DX.

"DISADVANTAGE OF PRESENT SYSTEM: Too many members in Musings do not list the state or city or location of their catches, many veterans as well as novices pass over a good DX tip because only the call/frequency is given and they don't get around to locking up the location in the VJ log. We could require the state aswell as the call and frequency the way the present setup is, but I wonder how much longer Ernie can cope with his ever-increasing workload." (Ernie continues to plead for MORE MUSINGS, think that's not a real problem. -- JAC)

"ADVANTAGE OF PROPOSED SYSTEM: Arrange all stations by freq. either all under each contributor of all under various regions in each new DXDD column. Midnight to 4 am (wee-hours) column, SSS DX Column, sunrise DX column, and possibly a daytime DX column. This way, one could scan right down the DXDD frequencies in each category, each of which is sub-divided into regions, or better yet, into each contributor's report, by frequency. Veteran DXers can comb the frequencies without having 'gab' as in the present Musings to interfere with their search. Everybody else can see the state and city by the call & freq and no longer exclaim 'where the hell is KYME-740 located!' and have to dig out the old VJ, or else go searching all over creation to find the latest member's reported catches from a needed target state, then go thru the VJ log rlgamaroll. I must admit that IRCA's system has advantages, separating DX catches reported from technical, operating, 'gab', and verie discussions. Basically, we could do a similar thing, only with the DXDD arranged by After-Midnight, SSS, Sunrise, and Daytime DX, instead of the Time Zones."

Would there not be a tendency to have the GOOD and USEFUL tips buried amongst long lists of region-ized stuff if ALL domestic loggings were published as above described? If everyone were to have a Condition-of-the-Frequency list, a Sunrise-Sunset map series, and a log like the old Weyrich log that listed s/on and s/off times of "unlimited operations" stations, stuff that could be considered USEFUL would be changes to these lists ... plus those random items like new frequency checks, one-time equipment tests, "special" allnighters for March of Dimes, flood emergency, and similar, and like DX. FURTHER DISCUSSION DESIRED ON THIS POINT.

Joe Brauner, as usual, makes a good point with which to sum up this segment of our discussion: "There is too wide a range in types of DXers in our fold. We go all the way from the older members who still prefer to DX 'the old way' using no special equipment, thru the 'DX experts' who use every modern science to assist in tuning foreign DX, and the beginner who delights in musing about his 'catch' of a mess of stuff that could mostly be logged any day by an experienced tuner. To please all is impossible."

And of course, we have no intention of trying to please all... it would require as many DIFFERENT formats as there are different style DXers ... but what we hope to be able to do, with your assistance, is to give the beginner an opportunity to learn the hobby and find an area of interest, whether it be Len Kruse-style domestic DX, Gordon Nelson-style foreign DX, or the Ernie Cooper/Stan Morss variety of knowledgeable versatility!

SOME RANDOM THOUGHTS ...

Mostly gleaned from previous correspondence, including one or two letters inherited from Dick Cooper's files.

One of the Houston newcomers, Walt Fair, provides some food for thought. Walt says "We need more unity between the clubs. I know this is a big order, especially in respect to the NRC and IRCA. But the benefits would be worth it! By having one voice and representative, and one bulletin, there would be a better distribution of DX info. If the two clubs could somehow get together, they probably would attract more members. DXers wouldn't have to pay \$4 here and \$4 there and \$4 over there to be assured of the best DX info. With a combined CPC we could arrange far more DS TESTS. If a . gets several requests to run TESTS for several different clubs, the chances are they ain't gonna do none! By combining bulletins, we could save on postage, dues, and members' time. By charging each member a little more, the bulletins could be mailed 1st Class to all. We could have a united voice, like the Hams' ARRL, to get action from the FCC, equipment manufacturers, and DXers."

A worthwhile topic of discussion. Points to bear in mind: ANARC, the Association of North American Radio Clubs, is a growing organization that can aide in coordinating the activities of member clubs that are likely to be conflicting. The leadership of IRCA, NNRC, and NRC all are willing to set up an ANARC CPC clearing house. All that remains is for the mechanics to be established. Another point: When the two clubs were formed, the year following saw member participation in the NRC bulletin at what was then an all-time high. The competition brought out a desire "to make our club the best," which, if skillfully channeled by the leadership of ANY club, can result in improvements. And a third point that would provide some difficulty in enmeshing into one club -- I have doubts that the bulk of the membership of either club would want to make either the personality changes or the governmental makeup changes that would be necessary for such a "marriage." There are many IRCA members who sincerely believe they have a better bulletin than ours ... and they'd be disappointed if they had to read something like our bulletin, instead of what they've become used to.

ANNUAL CONVENTION LOCATION AND TIME ...

At Eugene, the discussion developed into a decision to postpone any decision for another year of discussion ... one discutant was Chuck Rader, who pens "Since a majority of the club's members are located in the Eastern U.S. the convention should be held inthe east a majority of the time. I favor a yearly postcard vote - at the members' expense - as to where that year's convention should be held. Members could announce their bids at the September convention. These could be listed in an October bulletin - along with other bids from members unable to attend the convention. All serious bids could be listed; along with who is the prospective host (or hosts) - plus what they have to offer.

"Let the members decide by postcard which site gets the convention. In all fairness to Western U.S. members, I'd also like to suggest the following: what percent of the NRC members are from West of the Mississippi? Let us assume 25%. Then I'd favor a convention to be held West of the Mississippi at least once every four years. (If 33% - once very 3 years / and / if 20% - once in at least every 5 years.

"I would also like to go on record as favoring some other week end other than Labor Day week end - for the annual convention. I have felt this way for the past few years. Would have liked our convection held on the last week of August, but I understand the IRCA has thas weekend for their own convention. So I have no other preference."

For the newer members, the NRC convention has been held over Labor Day since before 1940 ... and since 1955 has been held alternately East and West of the Mississippi, with the convention-goers choosing the next year's convention site. Reasons for the latter have been that those who go to conventions would be more likely to go to more conventions ... and those who have an opportunity to MEET the potential host would have a better chance of determining his ability to follow through as host of the convention than one who has merely corresponded with or read in musings the contributions of the member in question. Labor Day allos a three-day holiday for those who would fly, but makes it virtually impossible for far away members who are high school students, elementary or high school teachers, or (well whaddaya know) married to teachers. WE SOLICITE MORE DISCUSSION ON THIS SUBJECT.

IN CONTRIBUTING TO DIALOG ...

Expect to be edited (hopefully to have the meaning come through, if distilled... provided Ye Pub is a good editor. (I'm trained as a newsman and editor!)) Good, wholesome controversy -- reasoned idea against reasoned idea -- can only be beneficial to the hobby in the long run. NAMECALLING -- charging someone with whom you do not agree with being some kind of "dirty name" or another -- is not. NAME CALLING will definitely be edited and eliminated. Many opinions contrary to those of the Publisher will be aired in this column ... and like anybody elset's, our opinion can change if the argument is strong enough... strong enough in fact, not invective. So there you have some number one of "Dialog" with the Publisher. If it's worthwhile, there'll be more. --- JAC

- A** (After hours: Midnight to sunrise DX)
- 540 WRIC-Va L&C on ET/mx 0023-0043 12/24. (Marc DeLorenzo, Hyant
Mass)
- 600A Spur The AN "splatter" and distorted audio 600-610 kc 12/25
was WNYN-FM Canton, Ohio spur. Clear ID hrd at 0130.
Anybody else hear it? (Jerry Starr, Youngstown, Ohio)
- 620 WTMJ-Wis S/off 0200 11/21. (Frank Wheeler, Erie, Pa)
- 850 WJW -Ohio Was off MM 12/18. (John Pirnat, in Euclid, Ohio)
- 860 WAMO-Pa Engr says:Wkly Aux/XR/test(250w)is $\frac{1}{2}$ hr/MON/am's,betw:
0200-0400. (Ralph Johanns, Buffalo, NY) Good on ET/
mx 0454 12/25. (DeLorenzo, Mass)
- 900 WEAS-Ga End of test 0218 requesting reports 11/20. (Wheeler)
Nil 12/16/spl WBRV:900- r u kidding:chmHelled keep it OUT
of BLO.- (Johanns, NY)
- 910 CHRL-Que FF/xmas/prgm/AN etc., & other seldom/hrd FF's.- (Ralph)
- 920 WGST-Ga S/off 0103 12/1. (Wheeler, Pa)
- 950 WSPA-SC 12/3 s/off at 0057. (Don & Len Boselovic, Pittsburgh)
- 990 *WNRV-Va ET/mx at 0113 12/15, requesting phone calls. New 5 kW
nd xr. (Bob Foxworth, Summitt, NJ)
- 1060 WCOK-NC ET/mx 0120-0140 were tx hrd by me, 12/18. Also WNOE
OC/ID ET. (Foxworth, NJ)
- CJLR-Que 12/16 hrd to 0400 with FF & EE #'s.(thru:KYW/AN) (RMJ)
- 1070 WFLI-Tenn ET on daytime pattern 0145-0152 12/13 over all else.
(Foxworth, NJ)
- 1220 CHSC-Ont FM is 105.7 believe 0100 s/off. CJOC s/off is later,
(cf Kilroy 12/23) (Gray Scrimgeour, Don Mills, Ont)
- 1240 KWAK-Ark 0253-0300 12/26 w/f/c not listed in NRC f/c list.
ard T. Eddie, Webster Groves, Mo) Welcome to NRC! (rk)
- WBIR-Tenn R/c hrd 0340-0355 12/18. (Foxworth, NJ) TT at 0340 w/
one-minute IDs. (Paul Kilroy, Washington, DC)
- CJRW-PEI Hrd on DX at 0305, 0310, 0316, 0335 and 0401 thru WBA
WROV & WBIR, (Foxworth, NJ)
- 1260 WCRT-Ala Test 0105-0115 12/8 (New for me) (Wheeler, Pa)
- 1290 WCOW-Wis 0106-0130 12/27 w/f/c, not listed. (Eddie, Mo)
- 1320 WENN-Ala ET/mx ID at 0219 12/15, 400 cps tone, over WILS. (Foxy)
- 1350 WHIP-NC On for NRC 0300 (New for me) 12/4. (Wheeler, Pa) Note
correct frequency, Frank. (rk)
- 1380 KOTA-SD S/off w/SSB 0309 1/1 w/XERS QRM. Saw KOTA-TV several
years ago. (Glenn Hauser, Albuquerque, NM)
- 1410 WING-Ohio Off & onw/TT 12/18 same as last month (3d MM). New
Sked? (Starr, Ohio)
- KWYO-Wyo Hrd r/c w/TT in Dec, good signal u/WING OC. (Starr)
- 1420 WLET-Ga Had a TT/c:12/19 hrd:0047-0057. (Ralphie, also Wh'ler)
- 1440 WHHY-Ala S/off 0200 12/26. (Eddie, Mo)
- WHRN-Va Had ET Mon 12/11 0230-0330 or longer. Will be testing
the end of Jan or first of Feb on MM. Prompt veries
from Robt. L. Cole, CE. PO Box 666, Herndon, Va 22070
(J. Warren Routzahn, York, Pa)
- 1460 WPNX-Ala Was AN OC&TT here 12/18. Only IDed once, at 0430. (St
- 1470 KRBC-Texas Easy log on DXo/u XESM 12/1. (Foxworth, NJ) /arr
- 1480 WADR-NY Had TT, lots of OC, constant playing of ID jingles 01
to past 0245 12/18. (Starr, Ohio; Kilroy, DC)
- WISL-Pa 0218 Test. 12/21 (Wheeler, Pa)
- 1530 WAAO-Ala R/c hrd 0159-0215 12/18 w/mz. (Foxworth, NJ)
- KWLa-LA R/c hrd 12/18 thru WCKY OC, had TT. (Foxy)
- 1560 WRIN-Ind Oc/TT/c 12/15 hrd.0151-/ID@0139. (Johanns, NY)
- WDXR-Ky 12/13 s/off at 0100. (Boselovics, Pa)
- UnID ? testing with 5 kilohurts & M/c 0115-0122(Call QRN'd
possible:WCIK(Ga) 12/16. (Ralphie)

(A)

1570 WMES-Ga Announcing f/c 0215-0230 12/18 w/March mx. (Starr, O)

B (PSAs, sunrise s/ons, daytime DX)

640 WOI -Iowa S9 at 0702 s/on, 12/25. (DeLorenzo, Mass)
 910 KGLC-Okla S/on 0710 11/21. (Wheeler, Pa)
 1250 WKYZ-Tenn S/on SMs at 0600 (PSA), dominates channel to abt 0630.
 (Joe Brauner, Punxsutawney, Pa)
 1330 WRIE-Pa SUN/am s/on:SSB 0728(12/24) (Johanns, NY)
 1470 WWML-Pa SM s/on (PSA) 1s 0600. (Brauner, Pa)
 1500 WTOP-DC S/on MM 12/11 at 0530 w/strong TT to 0600, no ID. (Jim
 Neff, Buffalo, NY)
 1560 UnID On 12/23 an EE stn u/WQXR carrier 0630-0700, no ID un-
 til covered by WQXR opening, gave temp. at 0645, did
 not seem to fit PR or any northern location. Not hrd
 12/31. (Brauner, Pa)
 1590 KINT-Texas 0659, 12/30, PSA s/on w/475w. (Hauser, NM)

C (Sunset s/off s and DX until midnight)

730 CKDM-Man Hrd 1855 w/nx and lost signal due to power change, XEX
 interference 12/28. (Eddie, Mo)
 850 WKIX-NC Hrd to pattern change 1700, then WIVK strong on 12/12.
 (Foxworth, NC)
 910 KLCN-Ark You asked what date my s/off was, it was for 1830 on
 10/26/67. (Wheeler, Pa) So -everyone- date & tx, along
 with the other pertinent info, should be included with
 each tip. Remember- others, too are interested in val-
 uable DX tips, but can't use them without the date.
 940 WCPC-Miss 12/3 s/off at 1745:30 w/Dixie. (Boselovics, Pa)
 970 WREO-Ohio Fair w/WCSH 1645 many PMs before switch to night pow-
 er & pattern. (Stan Morss, Bradford, Mass)
 1000 *KMLO-Cal Vista, new. Hrd 12/18 1903 w/nx and wx for San Diego
 County. (Hauser, NM)
 1080 WEEP-Pa 12/18 s/off at 1659. (Boselovics, Pa)
 1150 KIZZ-Texas Well o/Mexican at 1859 s/off on 12/8 w/no sign of KSAI
 WIMA. (Dave Carlson, St Louis, Mo)
 1270 WMPM-NC 12/12 s/off at 1658 w/SSB. (Boselovics, Pa)
 WLIK-Tenn 12/12 s/off at 1713:30. (Boselovics)
 1530 WAAO-Ala Weak u/WCKY 12/20 1744 s/off. (DeLorenzo, Mass)
 1540 WNIO-Ohio 12/4 s/off at 1658 w/SSB. (Boselovics, Pa)
 CHIN-Ont 12/5 s/off at 1644. (Ditto)
 1550 WMOE-Ala 12/6 s/off at 1759. (Ditto) (Parallelism)
 WYOU-Fla S/off 1730 11/25. (Wheeler, Pa) Good at 1731 s/off,
 12/21. (DeLorenzo, Mass)
 WYNX-Ga S/off 1730 11/25. (Wheeler, Pa)
 WLOA-Pa 12/5 s/off at 1658:30. (Boselovics, Pa)
 WKBA-Va S/off 1702 12/23. (Wheeler, Pa) 12/1 s/off 1658. (B's)
 1570 KTAT-Okla Hrd at 1830 s/off on 12/4. (Bob Hostettler, Minn)
 KZOL-Texas Was hrd at 1845 s/off on 12/4. (Hostettler, Minn)
 1580 KPIK-Colo Hrd at 1847 s/off, 12/4. (Hostettler, Minn)
 WCCF-Fla Fair at 1730 s/off 12/20. (DeLorenzo, Mass)
 WVGT-Fla Fair at 1732 s/off 12/21. (DeLorenzo, Mass)
 WSBP-Fla Good at 1744 s/off, 12/21. (DeLorenzo, Mass)
 WAMY-Miss 12/4 s/off at 1743:30 w/SSB. (Boselovics, Pa)
 WVKO-Ohio 12/5 s/off at 1714. (Boselovics, Pa)
 Pirate-Ohio Hrd w/mx only 1715-1730 12/20, frequency varied.
 (Pirnat, in Ohio)

THE TRACKING PROBLEM

- And How to Cure It

By Tom Holmes & Gordon Nelson.

Today's superhet communications receivers are the result of years of professional design and trial, yet in the interest of simplicity and ease of operation (especially to provide one-handed tuning), many design compromises are made which ultimately degrade broadcast band performance - especially in strong signal areas.

A modern receiver contains two distinctly different types of high frequency amplifiers. The Intermediate Frequency amplifier section (which has already been dealt with extensively in Gordon Nelson's article, Single Sideband Reception on the Broadcast Band with Mechanical Filters, DX News, June-September, 1967) operates at a fixed frequency, commonly 455 kcs. The second type of high frequency amplifier operates on a frequency which depends on the setting of the receiver tuning dial, that is, at the signal frequency. This article deals with one common problem found in almost all MW receivers - the tracking problem - and offers a simple and proven remedy.

For theoretical reasons too involved to go into here¹, no superhet has perfect tracking characteristics. Tracking problems are worse in some receivers than in others and may gradually change with time as the receiver drifts out of alignment. Some of the symptoms of faulty tracking (inevitably made worse by the presence of powerful locals): "birdies", whistles and squeals which change in pitch as the receiver is tuned; spurious responses from high power local stations, especially near the station's operating frequency; loss of receiver sensitivity in portions of the tuning range (usually at the bottom or top of the band); inordinately strong images (audible 910 kcs from the true frequency); reduced selectivity in portions of the tuning range; and spurious responses from powerful locals which are critically dependent on the setting of the antenna trimmer control. In all cases, correction of tracking flaws will improve selectivity and materially reduce or eliminate many spurious responses. While the receiver modification to be described here is basically very simple, mixer circuitry is sometimes rather tricky, and therefore we recommend that only DX'ers who have had experience with superheterodyne circuitry attempt these modifications.

In an ordinary superhet with but a single stage of RF amplification, turning the tuning knob changes the resonant frequencies of three circuits: (1) the local oscillator (so that the difference between the oscillator and the incoming signal remains equal to the intermediate frequency), (b) the antenna circuit preceding the first RF amplifier stage, and (c) the mixer stage input circuit, located between the RF amplifier and the mixer stages. The term tracking refers to just how well the frequencies of these tuned circuits match or compare as the receiver tuning is altered.

An example may make this point clearer. Suppose the receiver is tuned to a station on 1000 kcs. The local oscillator tuned circuit is then set for 1445 kcs (station frequency plus the intermediate frequency, in this case assumed to be 455), the antenna stage should be set for 1000 kcs, and the mixer stage tuning ideally should be set for 1000 kcs also. In an ideal receiver which tracks perfectly, both the antenna and mixer stages would be tuned to exactly the signal frequency for every setting of the tuning dial. In real receivers, there are tracking errors in some portions of the band where resonant frequencies of the antenna and mixer stages don't exactly match the signal frequency.

As we stated earlier, there are compelling reasons - both practical and theoretical - why perfect tracking is never realized exactly. To compensate for tracking errors in the antenna stage, most receiver manufacturers provide an antenna trimmer control which permits the operator to match the antenna tuned circuit to the exact frequency of the incoming signal under all conditions. This is a rather serious compromise for the receiver manufacturer - he'd like to produce a receiver that can

be tuned "one-handed", with only a single tuning dial to be adjusted by the operator as he tunes the band.

While the antenna trimmer control effectively compensates for lack of tracking in the antenna stage, receiver manufacturers are loath (for obvious reasons) to include the logical second trimmer control, the mixer trimmer, that would permit the operator to correct for defective mixer tracking. Instead of this second trimmer control, receiver design engineers often resort to a compromise solution to the mixer tracking problem - Q spoiling of the mixer circuit. This design compromise effectively broadens the selectivity curve of the mixer tuned circuit (often at the cost of reduced selectivity and increased susceptibility to spurious responses) in order to reduce the effects of mixer stage mistracking. Figure 1 shows the situation in our hypothetical receiver tuned to 1000 kcs,

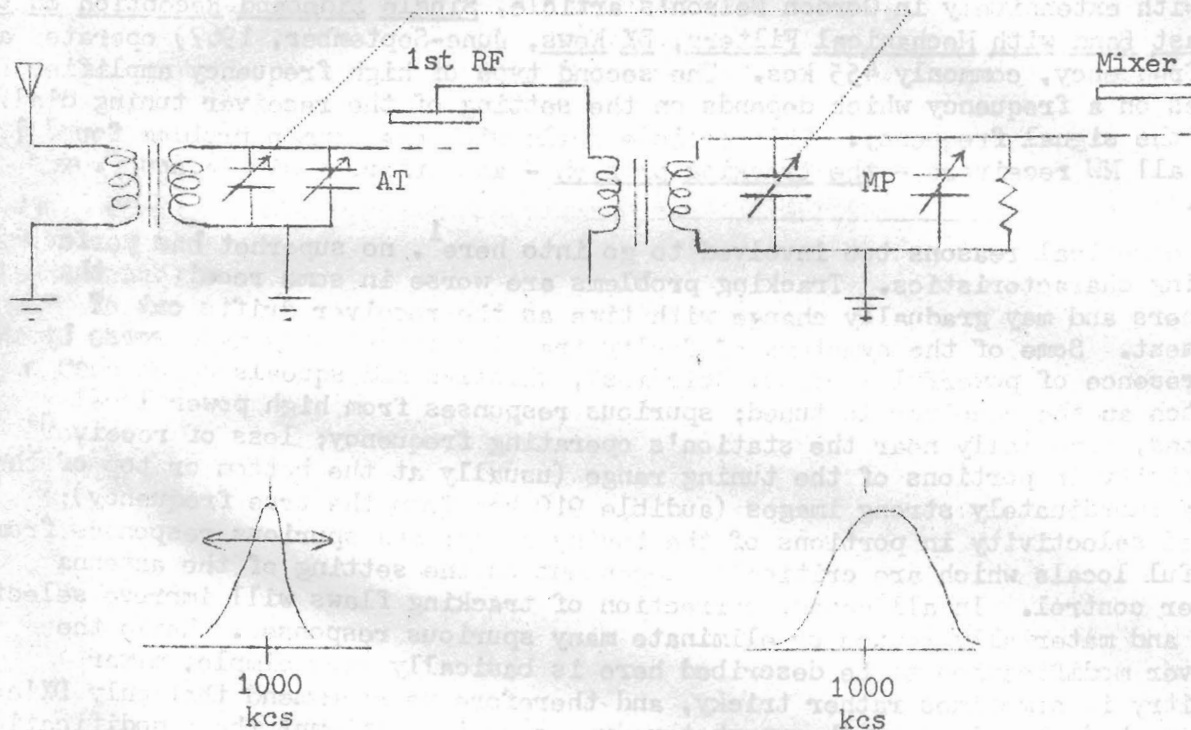


Figure 1 (a): most good receivers have an antenna trimmer control to allow the operator to bring the antenna stage resonant frequency exactly to the signal frequency, in this case, 1000 kcs. AT is the antenna trimmer, an external control.

Figure 1'(b): many receivers employ Q-spoiling, in one form or another, to broaden the mixer stage tuning; even so, mixer tracking errors often cause the mixer resonant circuit frequency to vary from the signal frequency - in the case shown above, the mixer freq is on the high side of 1000 kcs. MP is the mixer padder, an internal control.

While this Q-spoiling resistor in fact does often reduce the effect of mixer stage tracking errors, it usually does so at the cost of considerable pre-mixer selectivity - which is just what the urban DX'er needs most. Even if your receiver doesn't incorporate a Q-spoiler, addition of a mixer trimmer as described will still improve receiver performance by permitting the operator to "trim out" whatever tracking errors will inevitably exist.

There are several possible solutions to the problem of mixer mistracking but, in the experience of the authors, only one works well in practice. At first glance, it would appear that these mixer tracking problems could be eliminated by a trivial modification of the mixer section of the tuning capacitor; once the mixer tracking problem has been recognized, the compulsion to bend, twist, and torque the plates of the mixer section is almost irresistible. DON'T! The relationship between tuning capacitor geometry and actual tracking is far from obvious - while bending a plate of the mixer stage might correct the tracking error in one part of the band, the chances are very great that an even greater error will be introduced in another part of the band as a result.

Figure 2 shows a simple receiver modification to compensate for mixer tracking errors. After removing the mixer stage Q-spoiling resistor and mixer padder (if present), a simple circuit addition will permit the operator to "trim out" remaining mixer tracking errors. While this will mean another control to be adjusted after the receiver has been retuned to another part of the band (in addition to the antenna trimmer), we've found that the improvement in sensitivity, selectivity, and spurious response rejection more than compensates for the inconvenience of a second trimmer control.

While this receiver requires few components, this apparent simplicity may prove deceptive to the inexperienced experimenter. Much of the design time that goes into producing a modern communications receiver is devoted to securing adequate isolation

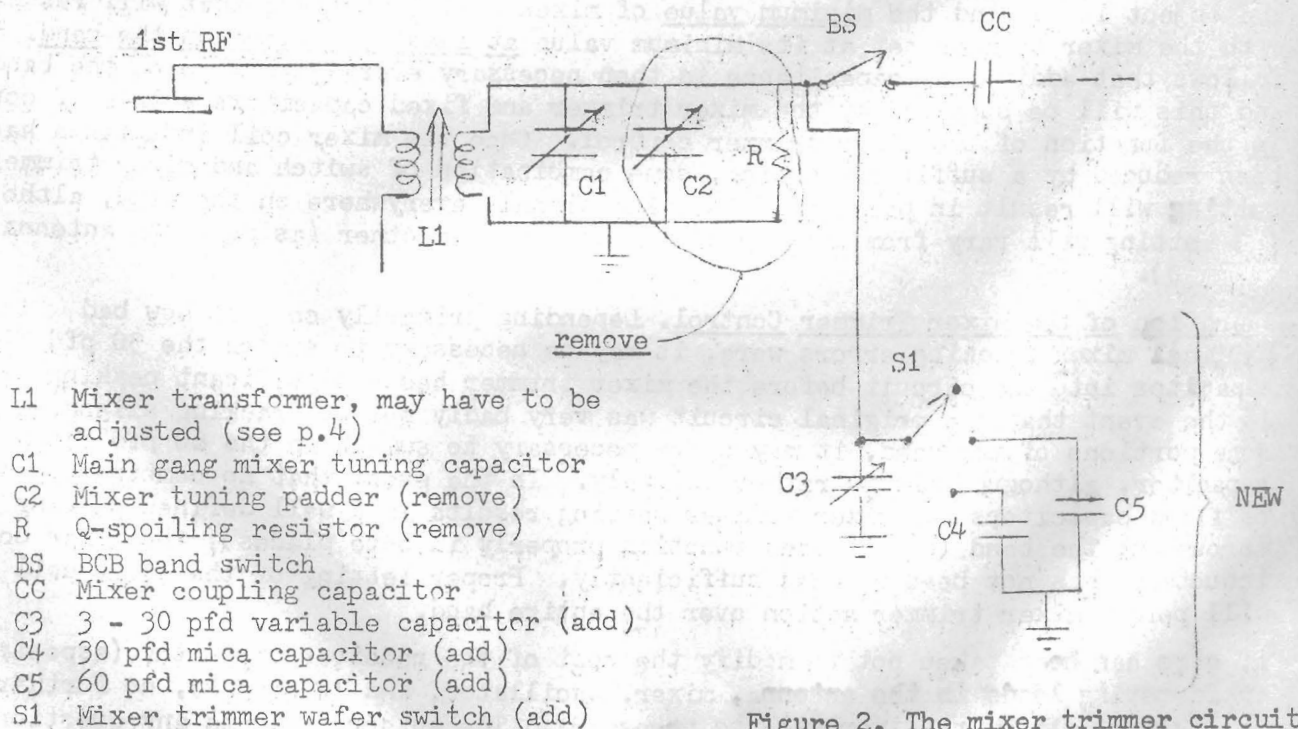


Figure 2. The mixer trimmer circuit.

and shielding of the mixer and oscillator circuits; careless placement of this additional circuitry, simple though it may be, can inadvertently thwart this isolation and result in extreme instability, spurious oscillations, etc. In the relatively unlikely event that problems of this nature arise, previous experience with superhet circuitry may prove very useful.

Parts List for Mixer Trimmer.

- 1 @ 3 - 30 pfd variable capacitor (Lafayette 40 H 2882, \$1.40, or equivalent)
- 1 @ 30 pfd mica capacitor, 300 volts or greater
- 1 @ 60 pfd mica capacitor, 300 volts or greater
- 1 @ single pole, 5 position rotary wafer switch (Lafayette 30 H 4013, \$1.02, or equivalent).

Also shaft extenders, couplers and other hardware as needed (Lafayette 1968 catalog page 270), and an alignment tool for the particular receiver being modified.

Circuit Modifications. Remove mixer stage Q-spoiling resistor and mixer tuning capacitor padder if present. Install rotary switch and variable capacitor as close as possible to the mixer stage; run mixer trimmer lead to the BCB mixer coil so that the new circuitry is switched out by the bandswitch. It may prove necessary to employ shaft extenders and couplers if the switch and capacitors are to be mounted far from the front panel. Connecting wires should be kept as short as possible and run close to the chassis; coaxial or shielded wire should not be necessary and may prove even undesirable due to the additional stray capacitance that it will introduce to the circuit. Keep well away from the oscillator section.

Realignment of Mixer Stage. Due to the additional capacitance provided by the switch, mixer trimmer, and circuit wiring, the mixer coil inductance must be appropriately modified in most cases. With the switch set to the "open" position (none of the new capacitors in the circuit), and the mixer trimmer fully open (minimum capacitance), the mixer coil inductance is adjusted for signal peaking (S meter readings will suffice for this indication) for several different frequencies throughout the band. The object is to find the minimum value of mixer coil inductance that will resonate with the mixer trimmer set at its minimum value at least one place on the band. It follows that additional capacitance is then necessary everywhere else on the band and this will be supplied by the mixer trimmer and fixed capacitors - this of course is the function of the mixer trimmer control. Once the mixer coil inductance has been reduced by a sufficient amount, some combination of switch and mixer trimmer setting will result in peaking of incoming signals everywhere on the band, although the setting will vary from one end of the band to the other (as does the antenna trimmer).

Operation of the Mixer Trimmer Control. Depending primarily on just how bad the original mixer tracking errors were, it may be necessary to switch the 30 pfd fixed capacitor into the circuit before the mixer trimmer has a significant peaking effect. In the event that the original circuit was very badly out of tracking alignment in some portions of the band, it may prove necessary to switch in the 60 pfd fixed capacitor, although this is rather unlikely. In the event that no combination of fixed capacitors and mixer trimmer setting results in a well defined peaking throughout the band (but it does function properly in some places), the mixer coil inductance has not been reduced sufficiently. Proper setting of the mixer coil will permit mixer trimmer action over the entire band.

If care has been taken not to modify the rest of the receiver circuitry (especially avoid moving leads in the antenna, mixer, oscillator, and IF stages), no further realignment of the receiver will be necessary. The authors welcome any questions or communications about this receiver modification. It has been of great value here in the Boston area, especially in the reduction or elimination of spurious responses due to our many powerful local stations.

- (1) Radiotron Designer's Handbook, RCA, 1960, pp. 1002 - 1017.
- (2) ARRL Radio Amateurs Handbook, Chapter 5, "High Frequency Receivers".

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* * * * *

CONTRIBUTORS: Mail deadline is Tuesday AM; phone deadline is Tuesday PM. Please submit reports on one side of the paper only, in IDX format, and preferably on standard 8½" x 11" paper. Please qualify all tentative loggings as such to reduce the possibility of errors.

DX conditions here in the Northeast have been generally very poor for TA's, but quite good for stations to the South. Just about everyone agrees: Godwin, Colo., "DX hasn't been exactly bountiful around here lately; no DU's, TA's or TP's for a month." Foxworth, N.J., "Cx here have been uniformly moderate to good to LA's; no high latitude TA's since 12/11..." Reynolds, Calif., "Those good conditions seem to have disappeared. No TP or DU reception lately; even LA not too good." Silvera, Jamaica, "just like a mediocre period in the season..." Kenney, Calif., "Cx here have varied from awful to abominable, with occasional peaks to merely poor... TP's have vanished. From Chile, Hoogerheide reports, "Winter like conditions this AM (12/18). Even had a US unid graveyarder on 1490; generally speaking, good for N. S.A., but only very average for US; WGBS continues as early as 1900 nightly for armchair listening, but is the only US stn that is regular before Midnight." From Hawaii, Wood reports, "I had almost abandoned any hopes of a decent CA opening... when suddenly, at 0630 on 12/10, the little C.R. on 1576 came smashing in at semi-local strength, rapidly followed by my first loggings of El Salvador, Panama, and Colombia, plus many new Mex cx for all other areas were equally good that night, w/lots of Canadians, JJ and other northerly stns, fine Australia and NZ signals, and my first logging of Burma, plus a new Thai." A later report from Richard: "Cx are what I can only describe as quasi-auroral... fine openings to DU and my 1st Fiji logging, but very little from FE on 12/20 and preceding dates."

*On Reciprocal Paths. During late November, New Zealand DX'ers reported reception of many US stns, including: KOOL-960 0700; WEZ-1030 "all night"; KMOX-1120, fair to good 0200; WRVA-1140 fair 0620; KVOO-1170 good 0330; WCAU-1210 good 0200; WLCY-1380 at 0345; WRGA-1470 0550; WTOP-1500 0615; and WLAC-1510 good at 0230. (NZDX) The almost complete absence of South Africans in North America the past year seems to have its reciprocal side - according to the SADXC, the only US stn QSLed in South Africa in 1967 was WCKY.

*The Pirate Situation. During the past week, R. Caroline South was sending out SOS to its Amsterdam office for food and water; no supply boat had been near the ship for 2½ weeks. "The crew has hunger", one of the DJ's said. (SCDX) Radio Magna is most probably operated by Roy Bates, former owner of R. Essex and BEMS; he has set up his own country, known as "Sealand" at a fort and is issuing his own stamps for Christmas. (SCDX) An EE speaking stn has been hrd in Sweden on 1385 announcing as "Big L Program..." around 1900; would seem to be a bootleg operation though. (SCDX)

*Any big operators out there? Why settle for 100 mw? Recent ad in Broadcasting:

(2) 50,000 watt Radio Stations FOR LEASE

Ex-swinging Radio England 800 kilocycle band, and Britain Radio 1300 kilocycle band. Both located on-board ship. Quickly mobile and can operate legally off any coast in international waters. Great potential fortune awaits the group that leases this powerful commercial operation. (Cooperating brokers invited). Act now, Area code 915-OR 4-5422, Pierson. Night/Holidays area code 817-MA 9-1417. Can attract and hold audience of millions.

Sure you can "operate legally off any coast" - but you might get a bit hungry, hi.

*India. The two scheduled 1 megawatt MW xmitters at Calcutta and Rajkot are expected to be installed by 9/68 and 3/69, respectively. (Indian Press via SCDX)

*Note of interest to tape reporters! New product from Robins Industries Corp.: cello bagged reels, 2" in diameter packed 6 to the bag. Center hub diameter same as regul 3" reels so they work well on studio machines. Other tiny reels have smaller center hub, causing wow and flutter when played on professional machines. Small size makes it possible to enclose tape in regular envelope w/report - just drop it in and seal it up. Will hold over 4 minutes of 1 mil tape. (Starr, Ohio) Note this product is now being stocked by both Lafayette and Radio Shack - they're very handy indeed. (Ed

*Superpower Section. Lebanon plans to begin operations w/new 3000kw (3 million watt) MW transmitter on 2/2/68 for service to N. Africa and Europe. No freq given yet. (ARC)
Iran's projected 2000 kw xmitter is to be located in Qasvin. (ARC) Luxembourg is increasing the power of the 1439 outlet to 1200 kw, to which the ARC reporter says, "ugh!"

*Maldive Islands Broadcasting Service is reported on a new frequency of 1495 by an Indian DX'er. (ARC) Great, now we can all stop listening on 1400 for the 50 watt Gan Island station. (Ed)

*Aden. BBC Perim Island relay station's 10 kw xmitter, which came on the air after a fire had destroyed the 400 kw transmitter, is now off the air due to political trouble and transmitter inefficiency. (ARC)

*Greenland. Add to Floden's list: 820 is 5 kw and all Greenland stns are omnidirectional. (Floden)

*Fiji. New station Sigatoka on 930 w/5kw due to commence operation this year; 840 station is now used for alternative Sunday AM program, formerly on 1320. (NZDXT)

*Quotations without Comment (Mimeograffiti): "Dear Admiral - Contrary to IRCA info, the KOA special 12/4 was set up by the renowned L.B. Johannsen, former IRCC President. The IRCC again strikes a blow for benevolent bureaucracy!! May Yawn, the proverbial DX God, bless your future efforts on California hillsides! You came all the way out to hear KICY??" (Dan D. Receiver, Calif.) "I agree about those R. Moscow veries being not very "kosher". Proof was that DX'er who reported Estonia on 1214..." (Old Timer) "Larry Godwin's SS report forms are just great. Much better than the NRC form, which is, in turn, better than any others I've seen." (P. Puller, Calif.) "There are some signs that Australia REALLY EXISTS and is not merely a device of Richard Wood's for winning the foreign contest." (P. Puller) Can't convince me of that. (Admiral Nelson)

1968 World Radio and TV Handbook is due out anytime now. If you order before February 15, 1968, you can get it at the special pre-publication prices: \$4.95 for the 1968 Handbook, \$2.50 for the 1968 Summer Supplement (out June, 1968), or a special price of \$6.95 for both the 1968 handbook and the Summer edition. Those DX'ers ordering a copy of the Summer Supplement will also receive a free WRTVH world map with time zone indications. The new WRTVH, now expanded to 340 pages, is available from World Radio TV Handbook, Sundvej 6, Hellerup, Denmark. Send payment via Postal International Money Order. NO SERIOUS INTERNATIONAL DX'ER CAN AFFORD TO BE WITHOUT THIS UNIQUE REFERENCE GUIDE. (Ed)

The Mexican station list taken from Standard Rates and Data Service printed a few issues ago covered only the commercial stations in that country. Randy Seaver has published the following addition to that list, which covers the non-commercial outlets (accurate to September, 1967):

630	XEJB	Guadalajara, Jal.	0.5 kw	Gobierno del Estado de Jalisco
810	XERSV	Ciudad Obregon, Son.	-	R. Variedades, NEW
850	XEUS	Hermosillo, Son.	1 kw	Universidad de Sonora
860	XEUN	Mexico, D.F.	5 kw	R. Universidad
970	XEUG	Guanajuato, Gto.	0.5 kw	Universidad de Guanajuato
1060	XEDP	Mexico, D.F.	50/0.5 kw	R. Gobernacion
1310	XERU	Chihuahua, Chih.	1/0.25 kw	R. Universidad
1460	XEXQ	San Luis Potosi, S.L.P.	0.25 kw	Universidad Potosina

(IRCA)

*China. The superpower Sinkiang station on 1525 is still in operation and is hrd regularly in Europe to s/off 1700 in Russian. RNYWDXC again states that this one consists of a pair of 1 megawatt transmitters in parallel, which develops an effective radiated power of some 8 megawatts by virtue of the transmitting antenna gain. DOES ANYONE KNOW WHERE THIS INFORMATION CAME FROM ORIGINALLY? (Ed)

*Great Britain has installed an additional 6 new stations on 1214 for the R. One Service: Brighton 1 kw, Droitwich 30 kw, Fareham 1kw, Hull 1 kw, Postwick 1 kw, and Washford 1 kw; this brings the number of stations on 1214 to a total of 16. (ARC)

RADIO LIBERTAD ON ANDROS?

By Don Jensen, NASWA

An article in the November issue of Popular Electronics carried an article entitled, "Clandestine Broadcasters." In it the author, one Thomas Kent, warns, "Much 'information' about such stations is usually more than rumor and the SWL must analyze each piece of evidence to learn the real facts." Though obviously not intended to apply to the PE article itself, this bit of advice is most appropriate for readers of the article. It is filled with misinformation, outdated material and the like. Kent's name is unknown to serious students of clandestine broadcasting, and it is possible that the name is merely a pseudonym for one of the better known DX author or is perhaps a fictional identity for a PE staffer who gathered bits and pieces from here and there without a real understanding of his topic.

While we could comment extensively on a number of items contained in the article and we'd warn readers in general to follow Kent's own advice, quoted in the first paragraph on this page, his comments on the mysterious Radio Libertad warrent close attention here.

Probably the strangest bit of information included in Kent's story is his assumption that Radio Libertad is located on Andros Island, one of the Bahamas group.

He states that, "...many DX'ers have long believed that the transmitter is on Andros Island..." While there has been some rumor to this effect, stemming mostly from an article published in Electronics Illustrated a few months back, authored by Thomas Kneitel, which vaguely suggested a Bahamian location, this view is hardly wide spread among knowledgeable DX'ers or serious clandestine fans.

Does Kent offer any evidence to support his theory? Not really! He states he contacted the manager of station ZNS in the Bahamas and asked him if Radio Libertad operates from Bahamian territory. The manager's reply was that the Libertad MW frequency, nominally 1400 kcs, was monitored three days and no signal was heard. Later requests that ZNS monitor Libertad's shortwave frequencies, Kent reports, went unanswered. Kent believes this incident is somehow significant and hints that the ZNS manager is withholding information which could prove Radio Libertad is on Andros.

But for more than a year, experienced MW listeners in Jamaica, Trinidad, Bonaire, Dominican Republic and Haiti, to say nothing of Florida, but a few score miles from Andros, have monitored the channel and surrounding frequencies, seeking without success the Radio Libertad MW signal. So why is it so surprising that the ZNS monitors, trying on only three dates, failed to hear it? In fact, the only reports of reception of the Radio Libertad MW channel were from a single listener in Puerto Rico. (This was written before NRC's César Objío logged them on 1404 - Ed) He has reported the station on 1406 several times about 2 years or so ago, and once this past summer. If these reports are correct, the obvious conclusion is that Radio Libertad uses MW only on rare occasions now. Admittedly there are unanswered questions about the supposed MW transmitter of Libertad, but there is no apparent significance, such as Kent suggests, to the fact that ZNS staffers failed to hear the station after just 3 tries.

Kent says there supposedly are U.S. military bases in the Bahamas, which is probably true. He suggests a station could be hidden in the "jungle" on Andros. We could split hairs over his terminology in using the word "jungle", but this is not particularly germane to our issue.

Kent implies that Andros is a spot on which it would be easy to hide a secret station.

Actually, though, while Andros Island is the largest of the Bahamas group, being about 110 miles long and about 45 miles wide at its broadest point (closer to 20 mile wide for the rest of the island), it is not exactly isolated. It is close by the popular resort of Nassau on New Providence Island. Yachtsmen visit the Andros Yacht Club; hunters, seeking teal, pigeons and boar prefer Camp Bang Bang on Pot Cay and there is a stylish 50-room Lighthouse Club (A modern, two-story, pillared and porched beauty) at Andros Town that charges up to \$32 a day for a double room. The island is

frequented by sportsmen and tourists.

Now one would think that a serious researcher, before he presented a manuscript to his publisher, would check out his data more thoroughly than Kent did.

For example, it is a relatively simple thing to check out published sources and learn that Andros Island has twice daily air service. Planes overfly and land at Andros each day. Visitors arriving by air would have a good view of the island below and one wonders how a station location could long remain secret. With air service, antenna towers would have to be properly lighted for safety and other indications of a station would have to be present and viewable from the air.

A researcher would, it seems, try to establish contact with a non-governmental source on Andros itself, a source that knows the island well and could state whether an unexplained broadcasting operation was present.

NASWA did this. A reply was received within a week and read, in part, "We are in receipt of your letter of October 21st regarding broadcasting stations located on Andros Island. There are no such stations on the Island, with the two closest stations being located on the Island of New Providence. These stations mentioned, of course as any standard reference will show, are ZNS1 (1540) and ZNS2 (1240) at Nassau.

Since any enterprising researcher could have turned up the same information in a short period of time, we wonder why Kent apparently did not even try.

He cites direction finding tests which "indicate that the Radio Libertad transmitter is in the general vicinity of Andros Island." It is too bad that Kent did not mention details as to the spot from which the direction finding bearing was made, the type of equipment used and the bearing reading itself. As we've previously reported in *Freudx*, the results of DF measurements conducted by Gordon Nelson of the National Radio Club, show the Radio Libertad transmitter to be considerably eastward and would rule out entirely a Bahamian transmitter site.

Finally, Kent in the *Popular Electronics* article, states "QSL's are obviously not available" from Radio Libertad. While as a general rule this is so, there have been a few that have trickled out. While the announced post office boxes in Miami and Caracas may simply be drops from which mail can be forwarded to the actual Radio Libertad location (though this seems not to be the case with the Caracas address, which is probably located near the headquarters), both postal numbers are not "false" as Kent states.

Though our report of several months ago, published in *Freudx*, concerning Radio Libertad was designated an "interim" report for lack of conclusive proof that Radio Libertad is located on Venezuelan soil, we still believe this to be the case. We will study with open mind any serious flaws in the "interim" report that may be pointed out to us. However, we do not feel that Kent's article in *PE* either refutes the tentative theory that Libertad transmits from Venezuelan territory or supports his contention that its location is Andros Island in the Bahamas.

Frankly, we'd like to see a bit more solid research by some authors before they widely announce that they have THE ANSWER to some of these clandestine riddles!

-30-

The IDXD Editor joins Don in lamenting the recent proliferation of poorly researched articles on clandestine broadcasting and stations in the pulp electronics magazines. Regarding Don's well researched article reprinted above, we'll add a few comments of our own. If Libertad were indeed on Andros, quality of reception of 1404 would probably go roughly as the distance from the transmitter: Florida (160 miles), Jamaica (400 miles), Dominican Republic (600 miles), and Puerto Rico (830 miles). We are of course neglecting such effects as antenna directionality, QRM, skip zones, etc. With the same assumptions, a Venezuelan location for Libertad should give the following ordering: Puerto Rico (520 miles), Dominican Republic (560 miles), Jamaica (830 miles) and Florida (1300 miles). The station is, of course, best hrd in Puerto Rico, next best in the D.R. and has yet to be logged by Silvera in Jamaica or by any of our Florida members. Just the slightest traces of 1404 have skipped into New England so far, but very rough DF tends also to support the Venezuelan hypothesis. (Ed)

SINGLETON-ELIMINATOR FOREIGN CONTEST STANDINGS

(AS OF DECEMBER 15th.)

1. Reynolds (Calif.):
 (S) BEC27 (1560), CX16 (850), HCEW2 (995), YSC (1015), KIMO (850), Vladivostok (1475), HJEW (812), Tahiti (1400), HJDA (1260), JOPE (760), JOUC (820), KORL (650), JOPC (1070), KFQD (750), HJKC (850); (E) YNX (750)..... 273 points
2. Wood (Hawaii):
 (S) 2RE (1560), XEAE (1600), XERF (1570), XEDM (1580), 4YA (780), 3GI (830), 3ZB (110), 4QB (910), 4QN (630), JOKB (1600), JOHR (1290), R. Americas (1157), 5AN (890)..... 232 points
3. Godwin (Colo.):
 (S) HIPQ (890), 4VEC (890), Montserrat (885), HIDV (1200), HIAM (660), (E) HJEW (812 - 11/6)..... 80 points
4. DeLorenzo (Mass.):
 (S) VOA-Munich (1196), Senegal (764-10/11), HRTV (715)..... 46 points
5. Kennedy (Calif.):
 (S) YNX (750), PJB (800-9/9), KFAR (660)..... 44 points
6. Sullivan (Mass.):
 (E) HCEW2 (995), PJB (800-9/25), Senegal (764-11/7)..... 23 points
7. Northam (Mass.):
 (S) JOAB (690)..... 18 points
8. Raczko (Ohio):
 (S) HON (1500)..... 14 points
9. Conrad (Ky.):
 (S) PJA5 (1435)..... 14 points

NO ENTRIES RECEIVED FROM: Silvera, Foxworth, Kaskey, Seaver, Rugg.

DEAD STATIONS: (Now Ineligible): HCEW2 (995), YNX (750), HJEW (812), PJB (800), Senegal (764).

Note: Where both (S) and (E) are newly awarded for a station, reception date is also shown.

Beginning next month, BONUS POINTS will be earned by some of the earliest Singletons unless they are eliminated. Phil Sullivan has assumed the role of "The Spoiler" with 3 eliminations. How about some of you other fellows wiping out some of these Singletons before the Bonus Points are due? Contest runs until September 1 so there is still time to join.

Remember the very valuable FIRST PRIZE (over \$50.00) plus many other prizes. Send 50¢ Entry Fee to

Contest Manager: Don Reynolds, 19055 Hollyvale St., Glendora, Calif., 91740

NRC FOREIGN CONTEST TERMINATES

Due to insufficient support from the membership, the Contest Manager, Ben Dangerfield, the IDXD Editor, and the Publisher all agree that there is no point in continuing the NRC Foreign Contest for this year. As Ben says, "I think we should do some new thinking about the Foreign Contest." Several of the members that the Editor has spoken to about the topic of Foreign Contests have pointed up the problems that have faced the NRC FC in recent years: unethical contestants, the time required to write reception reports for contest purposes, and (to our mind the most important) the damage that is done to the hobby by repeated attempts to re-verify stations for contests. Many international DX enthusiasts say they'd like to see a good Foreign Contest not based upon QSL's, but many members are wary of what a few "overly imaginative" entrants could do to such a contest.

Based upon extended discussions with many international DX'ers about the problem, we've come up with a contest that promises to be both novel and demanding. More about this new form of contest after listing "the standings to date in the NRC Foreign Contest to date to give credit where due:"

DeLorenzo (Mass.): VOA-1196; Senegal-764, HRTV; WMDD; Americas.....65 pts
 Kenney (Calif.): KFQD, HJBI, KIMO, XERPM.....58 pts
 Wood (Hawaii): 3ZB; 4QB; JOKB; JOHR.....51 pts
 Nittler (Colo.): HCEW-2, YNKW.....35 pts
 Long (Conn.): no entries (B.D.)

PROPOSED FORM OF NEW FOREIGN CONTEST

This contest will first be held in late February, after conditions have picked up a bit. It will be a simultaneous listening contest, and verifications will not be required. It'll operate as follows:

- (1) The contest manager will announce, in advance, a number of date-time-frequency blocks, for example, February 29 - 2130-2230 - 1025 to 1035 kcs. Fifteen or so of these blocks will occur during the contest period.
- (2) The object of the contest will be to LOG as many foreign stations as possible during the contest blocks. A station will be logged by submitting at least 5 minutes of detailed program information on the contest entry form, along with exact times and the identification made for the contest. Points will be awarded for stations logged on a distance basis.
- (3) BUT, since everyone in the contest will be listening to the same small number of stations simultaneously, mistakes of identification will be rather obvious, e.g., if 19 members report Barbados playing organ music, and one entrant reports hearing the Beatles at that time, the situation is rather clear. In the case of a misidentification, a certain number of points will be deducted from the final score. This will discourage guessing and "imagination"; by the same token, if by unfortunate chance, we do pick up an unethical entrant or two, the fact that there may well be a half dozen of the top DX'ers in the country recording details on just about any station in the contest block at that time should prove to be a powerful deterrent against cheating.
- (4) The frequency blocks will include an even frequency so that members without split frequency selectivity can also enter; if the TA's and TP's aren't coming through during a contest block, all entrants will be on roughly the same footing. Freqs and times will be chosen so that no particular region of the country will be favored. In addition, only the scores from the 10 highest scoring blocks from each contest entrant will be counted in determining the final score - in that fashion local stations happening to fall into the blocks, etc. will not work an undue hardship on the unfortunate DX'er; likewise, DX'ers who can't listen during all blocks will also have a chance to rack up good scores perhaps.

THAT'S THE BASIC IDEA - IT'LL BE AT LEAST AS CHEAT-PROOF AS A QSL BASED CONTEST - AND THE TABULATED RESULTS. SHOWING WHO HRD WHAT WHEN WILL BE MOST INTERESTING. COMMENTS?

The First 25 Countries from Hawaii

Richard Wood submits the following list of the first 25 countries that he's logged (as of 12/20/67) from downtown Honolulu. - "slightly rearranged to coincide with signal strength, frequency of reception, etc. Frequency of reception is the governing factor as KPNC, while the most consistent mainlander, never attains the strength of such less regular stations as KOA, KSL, WWL, WOAI, etc."

- | | |
|------------------------------------|--------------------------------------|
| 1. China - Japanese Service - 1040 | 13. U.S.A.- KPNC - 1560 |
| 2. Asiatic Russia - 1550 | 14. Netherlands Antilles - PJB - 800 |
| 3. North Korea - 800 | 15. Swan Island - R. Americas - 1157 |
| 4. Japan - JOLF - 1310 | 16. Taiwan - BEC27 - 1560 |
| 5. Marshall Islands - WSZO - 1440 | 17. Thailand - 843 |
| 6. Australia - 4QD - 1550 | 18. Cambodia - Phnompenh - 1434 |
| 7. Mexico - XERF - 1570 | 19. Caroline Islands - WSZD - 1450 |
| 8. New Zealand - 1YZ - 860 | 20. Burma - XYK - 955 |
| 9. South Korea - HLKB - 890 | 21. Fiji - Lautoka - 890 |
| 10. Philippines - VOA - 1140 | 22. Costa Rica - TI.. - 1576 |
| 11. Ryukyus - VOA - 1178 | 23. Panama - HQM21 - 1115 |
| 12. Canada - CKWX - 1130 | 24. El Salvador - YSQZ - 1276 |
| | 25. Colombia - HJBE - 1205 |

Thanks, Richard - this should prove to be quite useful to those taking vacations in Hawaii.

* * * * *

Latest EBU Supplement, 20-B, dated September 1, 1967 has following of interest:

- | | |
|---|--|
| 566 Italy. RAI Bologna here ex-1331 | 1051.8 East Germany. Unid stn here |
| 701 West Germany. NDR, Flensburg now 10 kw | 1052 USSR. Unid stn is now off |
| 708.4 Egypt. Asyut, 100 kw, ex-710 | 1061 Italy. Catania RAI ex-1331 |
| 736.4 Egypt. Unid stn ex-738 | 1177.2 Turkey. Van ex-1176, 2 kw |
| 792 Jammer. Location unknown. | 1200 Albania. Unid stn ex-1191 |
| 854.7 West Germany. Unid stn ex-853.3 | 1234 USSR. New stn here |
| 871.7 Egypt. Cairo ex-868, 50 kw | 1248 USSR. New stn here |
| 895 East Germany. Puttibus Rugen ex 899 | 1268 West Germany. Neumuenster, 300 kw |
| 928.6 Egypt. Cairo 4 ex-927.4, 10 kw | 1296.9 Turkey. Antalya ex-1297.5 |
| 962 Egypt. Unid stn ex-958 | 1385 France. ORTF Hendaye, 4 kw, new stn |
| 963 Turkey. Istanbul ex-961.4, 2 kw | 1394 Jammer. Unid. |
| 971 Turkey. Izmir, 100 kw, new stn | 1525 USSR. Unid stn. |
| 974.2 Egypt. Cairo 2 ex-977, 5 kw | Jammer. Unid. |
| 1032.5 Turkey. Izmir ex-1035, 2 kw | 1587 Hungary. New stn |
| 1034 West Germany. Karlsruhe AFN, 1 kw, new | 1589 Poland. New stn |

It's likely that the jammer on 1394 is Russian for Tirana, and jammer/new stn on 1525 is Russian also for Peking/Sinkiang xmitter as reported last year by Blodorn.

The new edition of Broadcasting Stations of the World, compiled by the Foreign Broadcast Information Service of the CIA, is now available. The new issue, dated June 1st, 1967, is very disappointing in its foreign BCB coverage, however; much of the information presented is far out of date (for example, they've still got Barbados on 785 - and they switched to 780 in June of 1966!). While there does seem to be new information there, it's our opinion that most DX'ers with 1966 editions needn't bother getting the new one unless they're out to corner all available information. Order: Broadcasting Stations of the World - Part I, AM Broadcasting Stations According to Country and City, \$2.25; Part II, AM Broadcasting Stations by Frequency, \$2.25; Part III FM Broadcasting Stations, \$1.50; and Part IV, TV Stations, \$2.50. All available from Superintendent of Documents, U.S. Government Printing Office, Washington, DC. 20402.

*FBIS does have some interesting new Clandestines, though: Clandestine Cyprus stns on 629, 1087, 1184, 1391 and 1491, plus the first reference we've seen to a Clandestine stn transmitting to South Korea on 760. That last one is interesting - Peking or even perhaps VOA-Vietnam?

MONITOR REPORTS . . .

The editor calls to your attention a possible logging of the Australian on 530, clarification on the 660 Chilean, and a second reception of Taiwan on 1560.

- 530 Australia? There is always a weak carrier here AM's; bearing 85°/265° which I suspect is a beacon; however on rare occasions definite program type audio comes through and the bearing swings toward 60°/240°. No sign of het or SAH probably because signal is too weak to show over 60 cps leakage on 'scope; will continue to monitor. (Kenney, Calif.)
- 540 Australia. 4QL, Longreach, Qld., 12/20 0610 w/state nx. (Wood, Hawaii)
- Mexico. XEWA very good 12/10 0700 w/Mejoral ads. (Wood, Hawaii)
- Dominican Republic. HICM, Santo Domingo, R. ABC seems to carry rosary in SS around 1803 weeknights; generally tops channel until HJKA begins to interfere severely around 1900; HICM s/on 0400 weekdays. (Cooper, N.Y.)
- Colombia. HJKA, R. Horizonte hrd well 0133-0119 on 12/3; mx and slogan between records. (Merrill, Mich.)
- 555 Nicaragua. YNS, R. TicTac hrd w/LA mx 2330 12/12; announcer had very low voice, hard to understand. (Reynolds, Calif.)
- 560 China. CJKT; 1st Program, Peking; comedy show (most relaxed programming hrd since the Cultural Revolution) 12/9 0815. (Wood, Hawaii)
- Venezuela. YVLX hrd fairly well on MM 12/11 at 0432 w/KFSO and other QRM. (Reynolds, Mo.)
- Jamaica. JBC hrd for 1st time on this freq as there were // 620 and 750 AN on 12/25 AM; 560 has fantastic signal here in Miami. (Brubaker, Fla.)
- 600 Colombia. HJHJ, R. Libertad, a powerhouse on RS 0445 on 12/18; alone. (Hoogerheide, Chile)
- 602 Botswana. BBC, Francistown hrd w/"Big Ben" at 1445 in South Africa. (SADXC)
- 605A Spurious. Strong splatter and distorted audio here on 12/25 AN was spurious radiation from WNYN-FM, Canton, Ohio; audio matched that of WNYN stereo sub-carrier; anyone else note this? (Starr, Ohio) Are you sure about this, Jerry? E
- 620 Jamaica. JBC, Kingston noted w/AN pgm, mostly pop/rock // 750; signal strengths about even. (Starr, Ohio)
- ***629 Zambia. New home service xmitter, probably at Ft. Jameson, hrd // 818 in South Africa. (SADXC)
- ***635 North Korea. Pyongyang Japanese language ID on this freq is "Kochirawa Pyongyang Hosu desu." (ARC)
- 640 Guadeloupe. ORTF 12/1 faded in 1650, CMQ 1710 if no WHLO; 12/19 and 12/20 ORTF peaked very well 1745-1815 w/variety show, lots of spots; CMQ takes over later. (Foxworth, N.J.)
- Venezuela. YVQO, looped u/ CMQ 12/24 to 0126 at very good level; pre-Xmas festival. (Foxworth, N.J.)
- 645 Panama. HOS22, R. Mia noted w/fair signal at 0115 12/25; on late for Xmas; CMQ QRM; reported last year but no reply. (Starr, O.)
- ***650 Cuba. L.V. de Cuba outlet here SM 12/24 0150; // usual other channels - 630, 640, etc. (Cooper, N.Y.) We'll all rejoice together... (Ed)
- *** Colombia. HJKH, Bogota all alone here after YVLH s/off; here from 660; in clear 0203-0230 tune out 12/25; tape and report sent. (Starr, O.) Ugh. (Ed)
- *** Venezuela. YVLH, R. Girardot very good 0130 12/25, way over HJKH; ID's w/both call letters and slogan; s/off 0203 w/NA and long annct. (Starr, O.) Excellent signal 0100-0200 12/25. (Floden, Ont.) YVLH 12/19 0058-0155 at s/off; readable thru WSM's C&W; clear on 12/25 w/pop mx; give 'em "A" for best choice of mx for an SA stn. (Kilroy, Wash. DC) YVLH loud u/WSM till c. 0100 s/off 12/13; also a weaker SS w/woman announcer hrd past 0120. Colombian? (Sprimgeour, Ont.)
- 655 El Salvador. YSS, R. Nacional in quite well 2130 12/12; this is a hard one for here because of KFI, spurs, etc. (Reynolds, Calif.) YSS very good at 0145 on 1 for Xmas; no reply to last year's report. (Starr, O.)
- 656 Spanish Sahara. EAJ203, R. Sahara hrd at s/off 1902 on 12/16 in Sweden on this listed frequency. (ARC) Must be the old rig being hrd on this channel, or else they've got 2 new high power xmitters since we're still hearing 998V here; no freq measuring equipment available to any ARC members at the moment so this may not be the exact frequency. (Ed)

- ***660 Chile. IDXD notes re 660 SS in 12/9 issue of IDXD prompted me to send you the tape I had cut and intended to send to CB66; anthem and s/on time had me fairly sure of my ID, but would appreciate your analysis; HIAM certainly a possibility. (Millar, Wash.) Roy: JAC and I listened to this recording with great care and were able to pull quite a bit out with the aid of considerable selective audio filtering to eliminate much of the noise on the tape and got the following: Venezuelan NA, short snatch of Stars and Stripes Forever, then "...Muy buenos dias... Ondas de la Medanos, la emissor... 660 kcs... en Coro, Venezuela, patria del Libertador... muy buenos dias." So it turned out to be neither CB66 or HIAM, but YVNA. (Ed, Callarman) CB66, Santiago a welcome surprise the evening of 12/13 from 2250-2336; commercial for Santiago concerns around 2252, followed by definitive "Radio Chilena" ID. Appeared to s/off 23334, as the announcer said "Y hasta pronto a las 0630 de la manana..."; earlier report of CB66 apparently in error. (Godwin, Colo.) Congrats, Larry, one of the best evening catches of the year. Time for s/on as given works out to be 0530 EST. (Ed) CB66 - typing error... they're still on 660. (Hoogerheide, Chile)
- Dominican Republic. HIAM, L.V. del Quisqueyana logged MM 12/25 0445-0500 when WNEC carrier killed it. (Cooper, N.Y.)
- 665 Unid SS. AM pgm of US pop hits and woman announcer in SS; weak signal, not enuf for ID; looped C.A. or S.A. Never noted anything before here except for Lisbon. (Starr, O.) Hmm, wonder if this is the one that Conrad, et al. hrd around March? New FBIS lists 450 watts of HCFM2, R. Ventanas, Ventanas on this freq. (Ed)
- 670 Cuba. Is CMKP really only 50 kw? They clobber WMAQ here at night and I'm only about 200 miles from Chicago. (Merrill, Mich.) Nobody really knows, Frank - the Cubans are changing around so rapidly and putting in new Czech xmitters so often that there is no good info anywhere. (Ed)
- 670 Venezuela. YVLL hrd slightly stronger than Cuban at 0458 on MM 12/11. (Roynolds, Mo.)
- 680 Bolivia. CP34, R. Mendez. Just missed s/on 0410 in SS, then into Ayamara, a very unusual language to say the least, but if you listen carefully you can hear SS phrases. Plays non-indian mx march mx till 0430, then instrumentals on indian native flute instruments, very distinctive. Still in Ayamara at 0515; a real boomer down here. (Hoogerheide, Chile) Sigh. (Ed)
- Puerto Rico. WAPA often dominates midevening 2000-2100; especially good 12/20 and 12/22. (Foxworth, N.J.)
- Unid SS. Around 0300 on 12/25, but not loud enough for WAPA and too strong for Bolivia - any ideas? Topped channel here. (Cooper, N.Y.)
- 695 Guatemala. TGHR, R. Mundial, Guatemala City w/decent signal on 12/20 from 2300; tape sent. (Scrimgeour, Ont.)
- Unid SS. Quite good 2100-2130 12/16; loop bearing for Central America, mentions Guatemala frequently mentioned. TGHR? (Kenney, Calif.) Very likely. (Ed)
- 700 Jamaica. Montego Bay on top 2200 12/23. (Floden, Ont.) Good level on 12/25 between mx on WLN; wx and nx 0247. (Kilroy, Wash. DC)
- Costa Rica. TIHE, San José AM 12/21 0331 w/ID over WLN; auroral cx. (Hauser, NM)
- 710 Mexico. XEBL, Culiacan, Sin. 12/19 2053 ad for EL Dario de Culiacán, 2055 "XEBL en el setecientos diez de su radio"; about 3 cps SAH from KETR. (Hauser, N.M.)
- 719 Portugal. Norte I very loud and clear 1715 w/Xmas mx 12/24. (Ed)
- 720 Cuba. "Radio Cadena Habana" ID although listed as a Reboide stn in Colon at 2026 12/16, and "canta la banda roja." (Hauser, N.M.)
- 725 Surinam. SRS has a program in EE around 1900 nightly; woman announcer and records with man giving ads in EE. Good 12/23. (Ed) MIKE BUGAJ: Is this your "unid TA" on 723A perhaps?
- 740 Puerto Rico. WIAC hrd behind CBL 2025 12/20; poor signals, needed loop. (Foxy)
- Venezuela. YVNO, R. Maracaibo, nice signal on RS 0450; seemed all alone except for booming announcement at 0500 of "KCBS, San Francisco, testing" for a welcome Californian. (Hoogerheide, Chile)
- 750 Jamaica. JBC, 12/24 in and out w/WSB at 0210; better than 700; 12/25 in the clea 0300. (Kilroy, Wash. DC) JBC quite good 0445 s/on 12/11. (Kenney, Calif.)
- Dominican Republic. Radio Rutas is a new stn to operate soon in La Romana. (Objio, D.R.)

- 870 Cuba. Guantanamo's CMDN IS; ID as L.V. de Cuba 0329 12/24; 0330 TC, nx w/MBS type signature tune. (Hauser, N.M.)
Australia. 2GB, Sydney up and down WWL 12/20 0630; DJ show. (Wood, Hawaii)
Hawaii. Admiral, your classical mx stn on this channel is indeed KAIM. (Wood) Tnx.
- 875 Unid LA. Seemed to be a Central American in SS on Xmas AM; 0100 tuned out. YNWI or TISS? TISS was AN Xmas in 1964. (Scrimgeour, Ont.)
- 880 Colombia. HJGE, R. Bucaramanga s/on 0400 12/25; TC, NA, then HNL. (Hauser, N.M.) HJGE on til 0401 Xmas AM; reported. (Cooper, N.Y.) HJGE loud over OBZ4N OC on RS; all alone and should be an easy Colombian for all. (Hoogerheide, Chile)
Guatemala. TGJ, R. El Mundo w/tremendous signal around 0200 12/25. (Cooper, N.Y.) TGJ in clear and strong; mentions Guatemala and R. Nuevo Mundo; hrd 0203-0248 w/ads. (Karchevski, Mass.)
Dominican Republic. R. Santa Cruz, HIOR, original name of twon where this stn is is Mao, changed to Valverde during the Trujillo regime; since most of the names returned to the original ones, this one became Mao again, although there is no law forcing this; this one is called either Valverde or Mao still. (Objio, D.R.)
Peru. OBZ4N, R. Union not on AN as previously reported; still not s/on by 0515 but had OC; Peru is on EST. (Hoogerheide, Chile)
Australia. 4WK, Warwick, Qld. 12/20 0645 w/DJ show. (Wood, Hawaii)
Unid SS. TGJ is the stn w/SS here after WCBS off 12/25, no? (Floden, Ont.) Not necessarily. (Ed)
- 881A Panama. No definite ID of stn hrd, but country mentioned several times; bad het w/HJGE till latter s/off 0401 12/25. (Cooper, N.Y.)
- 885 Montserrat. Finally hrd here 1803 12/26 for a new country; BBC relay; YNKW on top within 2 minutes. (Merrill, Mich.) Good on 12/18; carrier on 0457, s/on 0500 w/"Lisbon Antigua" instrumental, then religious pgm; quite clear copy till WCBS TT on at 0523; still only 250 watts? (Starr, O.) Think so, Jerry. (Ed)
- 890 Haiti. Reports on NNRC Special 0100-0130 12/25: Good, w/atmospheric noise. (Brubaker, Fla.) Hrd 1st 15 minutes, CBO quite sloppy. (Floden, Ont.) Good copy but not hrd till 0118. (Kilroy, Wash. DC) Hrd well w/Special 0111-0115. (Merrill, Mich.) Some SS QRM 0103; 1035 outlet hrd at same S6 strength. (Scrimgeour, Ont.) Bad unid het mad copy rough except on peaks. (Starr, O.) Very good signal w/little QRM. (Tweedie, N.J.) Very well hrd after WLS off 0102; this is what I call a REAL DX pgm. (Williams, Conn.) Very weak ID 0105; killed by YSLA, Santa Anna; positive YSLA ID 0215, on AN. (Conrad, Ky.)
Fiji. F.B.C., Lautoka, nice signal w/Hindi mx and talk; s/off 12/20 0535; 50th country logged on this, my best freq. (Wood, Hawaii)
Unid EE. "This is Radio ??? 890 kcs testing into Canada"; possibly the same stn hrd same AM, 11/27 around 0330 w/interminable Souza marches and no ID's. WLS? (Kenney, Calif.) We hrd WLS testing w/same string of marches 12/4 when we were in California, Don. (Ed)
- 895 Unid. Weak carrier after 2100 12/12; poor modulation; looped SA but XEW slop over prevented ID. ZP7? (Reynolds, Calif.) Don't think they're still on this channel, Don. Peruvian? (Ed)
- 905 Unid. Hrd before 0700 MM 12/11; too much XEW for ID; could be CA or Northern SA. (Reynolds, Calif.)
- 930 Nicaragua. YNW, R. Mundial first hrd here 12/2 2235 u/WEOL; hrd again 12/21 at 0012 w/nx; s/off 0017. (Merrill, Mich.)
Unid SS. Unid SS good 12/25 0145 w/pop SS mx and no ID's. (Kilroy, Wash. DC)
- 940 Venezuela. YVNN, R. Punto Fijo s/on in mess 0500; atop, but poor signal; used NA as s/on. (Hoogerheide, Chile) YVNN good level thru CEM OC 0520 12/22 // 1080; clear signal in spite of 30 cps SAH; excellent 1840 12/26. (Foxworth, N.J.)
Brazil. PRF4, had rapid fadein 0257 12/22 while looking for CJGX, just weak mx and then a sudden clear "R. Jornal do Brasil"; held to assumed E20 time at 0320 when WINZ out of nowhere, causing strong 11 cps SAH. CEM off 0300 this AM, leaving PRF4 all alone; rapid QSB, peaked S8; as spring approaches and sunrise comes later there, expect Brazilians to remain in later after s/on; watch this freq after March. (Foxworth, N.J.)
- 950 Argentina. LR3, R. Belgrano s/on 0330. (Objio, D.R.)

- 955 Burma. BBS, Rangoon first noted 12/10 0710 w/Burmese announcements and mx; good. (Wood, Hawaii)
- 965 Nicaragua. YNLU, R. Managua on Xmas AM to 0057 s/off. (Scrimgeour, Ont.)
- **971 Botswana. R. Botswana now also weekdays 2300-0030. (SADXC)
- 975 Unid SS. Hrd at 0215 tune-in; TCs were CST and announcer wishing everyone Merry Xmas; would this be HCAW2? If not, who? (Erubaker, Fla.) Believe I had HCAW2 stn mentioned Guayaquil a number of times 2302 12/2. (Merrill, Mich.) Either 1 or 10 kw now, Frank. (Ed)
- 990 Venezuela. YVMM, R. Mil, Moron hrd on top of channel w/many ID's on 12/21 from 2145 on. (Scrimgeour, Ont.) Fabulous signals from YVMM 1737-1800 12/26; only QRM was from another SS under them. (Merrill, Mich.)
Puerto Rico. WPRA apparently AN 12/25. (Cooper, N.Y.)
Mexico. XET topped WIEG 0045 11/27; tentatively hrd about this time since. (Foxy)
Unid SS. SS w/CBW in and out early AM 12/25; XET? (Floden, Ont.)
- 998 Spanish Sahara. Off early after usual AA mx programming; a man and woman in SS alternating w/sked, then Spanish Anthem; off 1658. Weak at usual s/off time of 1701 on 12/28. (Ed)
- ** Rhodesia. R. Rhodesia hrd in South Africa on this channel. (SADXC)
- 1000 Mexico. XEOY, R. Mil was AN 12/18 and 12/25; fine signal. (Cooper, N.Y.)
Nicaragua; YNTS, R. Mil hrd s/off 0103 MM 12/18, s/off 0226 12/25. (Cooper, NY)
- 1003 Mexico. XECC is, I'm inclined to agree, the stn I hrd the PM of 11/10; the call is definitely X-~~T~~-doble-something, and although it sounded at first like doble P, on replaying tapes I believe it is doble C; freq given definitely was 960. (Godwin, Colo.) Think everybody agrees now; tnx Larry. (Ed)
- 1015A El Salvador. YSC, R. Internacional logged 0300-0330 MM 12/25; AN, o/another SS. Was this also YSC 0230-0300, on top, w/many singing ads for "La Francisca" or is there another SS atop at the time? Too loud for the regular AN Panamanian. (Cooper, N.Y.)
- 1020 Cuba. CMBN, Nueva Gerona, Isle of Pines; noted 0635-0705 w/instrumental mx; clear ID 0700; KDKA looped and very poor anyway; surely more than 250 watts! (Kenney, Calif.) Could very well be, Don, "deadly accurate" Cuban lists not withstanding, hi. (Ed) CMBN in 12/17 w/clear stn ID, "Emisora CMBN"; too much KDKA for report. (Reynolds, Calif.)
Dominican Republic. HIJP, R. Comercial o/KDKA 0530 12/22; loop gave local quality signal; "Noti-tiempo w/Hora Brugal, la mejor ron dominicana" TC every minute. (Foxworth, N.J.)
- 1035 Haiti. Hrd 0515-0630 12/25 and 2150-2245; both times in FF; best call on hour: "a Voix Evangelique, 4VE(sounded like F) au Cap Hatien!" (Johanns, N.Y.)
- **1032 Colombia. HJDJ, L.V. de los Libertadores, Duitama, s/off at 0006 w/Colombian NA. (Objio, D.R.)
- **
 1040 Venezuela. YVLB, L.V. de Carabobo, Valencia SM in clear 0456 w/Venezuelan NA. (Cooper, N.Y.)
Brazil. R. Tupi, São Paulo in PP 0207 12/17 w/TT or het QRM; hrd previously at my Ok. location. (Hauser, N.M.)
Colombia. HJCJ, R. Melodia hrd very well above all QRM after 0600 SM 12/17; clear ID at 0630, then faded; also hrd PM's lately. (Reynolds, Calif.)
- 1050 Mexico. XEG new here w/US religious 12/10 0715. (Wood, Hawaii)
- 1070 Argentina. LR1, R. El Mundo, at 0029, nx u/R. Santa Fe, time peeps at 0030, s/of 0100. (Objio, D.R.)
Puerto Rico. WMIA very strong at s/on 0430 1/2 w/announcements in EE, then SS. Killed the Colombian, and badly injured CBA. (Ed)
Colombia. Bit of a problem here. Hrd a Colombian s/on 0259 w/NA, then announcements including mention of "95" and "en Bogota, Colombia"; thought HJGG was AN? Or is there someone else here now too? This on 1/2. (Ed)
- 1080 Venezuela. YVQJ, R. Barcelona hrd 12/11 at 0430 w/sports and mx u/WTIC. (Kilroy) YVQJ wiped out WTIC w/Noticias Rumbos 0520 12/22; this pgm seems to be a net fee // to 940, etc. To report, listen for local cutaways for sponsors, e.g., stores in Barcelona. They can QSL much easier w/such information. Cutaways are always made when they sound the double chime. (Foxworth, N.J.)
- 1081A Unid. Who is het here PM's; seems to be a LA. (Moore, Mass.)

- 1100 Colombia. HJAT, R. Reloj de Barranquilla well on top w/good CARACOL ID at 0030 on 12/18. (Scrimgeour, Ont.)
- 1115 Panama. R. Minutera, frequent jingle ID's 12/10 0745; any QSL? (Wood, Hawaii) Yes
- 1130 Colombia. HJCO, Emisora Sur America, Bogota s/off 2357 w/NA. (Objio, D.R.)
- 1137A Colombia. HJAC, R. Rio-Mar hrd 2352 12/24 to 0031; good signal o/u WRVA slop; phone calls and a police siren too. (Karchevski, Mass.)
- 1140 Philippines. VOA, Poro in Vietnamese, off-air relay, very good 12/10 0720. (Wood)
Unid SS. "Radio ???" w/tropical mx 0311 12/25; who? (Tweedie, N.J.)
- 1146 Thailand. Thai TV Co., Bangkok, Thai talk 12/10 0725. (Wood, Hawaii)
- 1150 Mexico. XEJP, R. Variedades, new hrd here, ad's 12/10 0730. (Wood, Hawaii)
Venezuela. YVMV topped WDEL during fantastic YV opening PM 12/26; location in Punto Fijo, hrd much mention of city but no call or slogan caught; assume this one moved here now. (Foxworth, N.J.)
- 1190 Mexico. XEWK, Guadalajara, Ja;, ad's 12/10 0600. (Wood, Hawaii)
Honduras. HRVW logged at 0400; good signal w/clear ID's; slogans are L. V. de Central America and R. Metropolitana. (Brubaker, Fla.) Unid hrd AM of 12/25; ca call seemed to be "-R-S, Radio Metropolitana mas --- en Centroamerica." Noted about 0425, wonder who; find no listing. (Foxworth, N.J.) See Honduras list in 7/15 IDX. (Ed)
Unid SS. Two SS stns AN 12/25 AM; fairly weak. (Cooper, N.Y.) Who was the SS on AN Xmas AM? Thought I hrd him say Radio M--- as a slogan. (Merrill, Mich.)
- 1196 Lesotho. R. Lesotho is very poorly hrd in South Africa on this channel; the 899 outlet is inaudible there. So you needn't try too hard... (SADXC, Ed)
- 1200 Costa Rica. TIQ, Puerto Limon, really blasting in AM 12/25 w/WOAI off; EE pgm, celebration of "Scenic Club"; darn, first impression was that I was hearing the 50 watt ACE outlet or something. (Merrill, Mich.)
Dominican Republic. HIDV, R. Santa Maria, La Vega very powerful on top of rather messy channel 0506 w/Rosary; full ID 0510 on 1/3. (Ed)
Puerto Rico. Bits and pieces of ACE programming around 0510 but HIDV/WOAI QRM very rough; sounds like a typical US stn insofar as modulation goes. (Ed)
Japan. JOBF looped from WOAI, ID 12/10 0600. (Wood, Hawaii)
- 1205 Colombia. HJBE, R. Internacional, Cucuta totally unexpected claimant of title of my first SA logging here; 12/10, 0600. (Wood, Hawaii) HJBE definitely ID'ed 12/30 at 2358 s/off; complete Todelar ID noted. (Conrad, Ky.)
- 1210 Philippines. DYCG, Illoilo City, is very potent days and nights in the central Philippines area. Now wouldn't it be great if I could hear 'em here? (Merrill)
Guatemala. TGED in very loud from 2000 to 2357 s/off 12/10 w/clear ID at s/off; a real powerhouse almost nightly now. (Reynolds, Calif.)
- 1220 Mexico. XEB all alone on channel 0209 12/26. (Ed)
Dominican Republic. Unid Dominican w/ID 0500 1/3; hrd mentions of La Vega, etc. then "Esta Radio (CKCW...)"; perfect timing on CKCW's part. (Ed)
- **1223 Mozambique. Emisora Regional do Norte, Nampula is now here. (SADXC)
- 1230 Colombia. HJIL, Medellin, L.V. de las Americas s/off 0002 w/NA. (Objio, D.R.)
- 1235 Bermuda. ZEM1 local level w/morning Portugese language broadcast 0510 1/3. (Ed)
- 1240 Cuba. This little 250 watter sounded like 50 kw 0025 12/25 // 1220. (Brubaker)
- 1245 Unid. Very, very weak; TA? 0142 12/22. (Tweedie, N.J.)
- **1270 Colombia. HJEB, L.V. de Cienaga, Cienaga back here from 1292. (Silvera, Jamaica)
Japan. JOFR, Fukuoka 12/10 0610 w/DJ show. (Wood, Hawaii)
- 1276 El Salvador. YSQZ, R. Doce Setenta, S. Miguel for another country 12/10 0740. (Wood, Hawaii)
- 1304 Algeria. Good signal 0125-0140 w/FF drama 12/22. (Tweedie, N.J.)
- **1300 Colombia. HJO(P?), L.V. de los Antillas, Cartagena new stn testing w/very good signals 2320 12/10. (Silvera, Jamaica)
- 1330 Australia. 4BU, Bundaburg, Qld., 12/15 0615 w/local nx; then old time hits. (Wood)
- 1340 Colombia. HJFA, R. Caribe, Barranquilla s/off at 0057 on a Sunday AM; address announced as Apartado Aereo 226. (Objio, D.R.)
- **1434 Cambodia. Phnompenh, first noted 12/9 0745 w/Cambodian mx, again 12/10. Continue to be audible and should be a possibility for many mainlanders; noted again 12/10 0600. (Wood, Hawaii)
- 1445 China. CJKT, Peking (so listed), CC talk 12/9 0750. (Wood, Hawaii)

- ***1450 Caroline Islands. WSZD, Ponape, Sanyavin Island; surprised to note this one for first time at fine strength 12/15 till s/off 0600; doubly surprised to hear this stn in American Trust Territory s/off w/exactly the same version of GSTQ played by ABC and BEC. In accented EE, part AFRTS relays; WSZO, Majuro on 1440 very loud at this time. (Wood, Hawaii)
- 1460. China. Huhehot, Inner Mongolia A, 12/9 0700 up and down w/JOWF; familiar Chinese revolutionary tunes and appeared to be Mongolian. (Wood, Hawaii)
- 1470. Thailand. Territorial Defense Dept., Bangkok, Thai talk 12/9 0750; Thai ID as "Thini Stani..." 0800. (Wood, Hawaii)
- Mexico. XESM, R. Fiesta, Mexico. Logged first time here 12/10 0640. (Wood, Hawaii)
- 1475 Nicaragua. YNAG hrd for 1st time 12/25; just caught s/off w/NA 0157. (Cooper, NY)
- Peru. R. Tasco loud and clear 0430 on RS; who might this be? Clear channel, can you get this split? (Hoogerheide, Chile) I vote for OCX4P, R. Pasco, 1 kw, 1490, Cerro de Pasco. Have noted very weak carrier from South here after 0500 lately; may be them, not YNAG. (Ed)
- 1480 Unid SS. Who was SS stn w/Fiesta pgm 12/25? (Conrad, Ky.) Which LA wasn't? (Ed)
- 1499. Spurious. Anyone else hear this ultradistorted SS here w/male announcer and pop/rock mx? Language is definitely SS but too distorted to ID; no carrier, splashes from 1499-1500. Seems to be AN-7; this-un is driving me wacka ding hoy! (Starr, O.) Ben D. hears splatter around 1500 from CKLN-1570, Jerry. Two spurs on 1500? Wacka ding hoy??? (Ed)
- 1500 Panama. HON assumed to be the stn on 12/25 beginning at 0316; US oldies w/woman EE announcer giving TC's, etc. She was superhard to understand but TCs seemed to be about 5 minutes ahead of EST. (Brubaker, Fla.)
- 1502A Netherlands West Indies. PJC7, R. Hoyer-2 in DD; woman announcer 0347, good signal 12/25. (Tweedie, N.J.)
- ***1505 Panama. HON, R. Aeropuerto now here from 1502. (Silvera, Jamaica)
- ***1516 Dominican Republic. HIBL, R. Pueblo here from 1530. (Silvera, Jamaica)
- ***1520 Dominican Republic. HIBL, R. Pueblo moved again to this freq. (Objio, D.R.)
- 1529 Vatican. Vatican Radio w/good strength 12/18 1545 to 1600 for daily pgm in GG; tape sent. (Kirkpatrick, West Germany)
- 1530 Mexico. XEUR, R. Onda, nice signal for 5 kw on RS 0430. (Hoogerheide, Chile)
- 1536 China. Unid stn relaying CJKT 1st pgm (560, etc.) // 1575 but more southern bearing. (Wood, Hawaii)
- 1540 Bahamas. ZNS, Nassau hrd at 0008 s/off on 12/22 for a new country. (Scrimgeour)
- 1545 Colombia. HJEB, R. Canoa drifted here from 1541; now AN. (Silvera, Jamaica) Str in Barranquilla announcing "Yo soy Radio... La Esquina de la Buena Musica"; most mostly baseball, but pop mx hrd 2305 12/17. (Objio, D.R.)
- 1550 Japan/Asiatic Russia. FEN Itazuke AFB's raucous, roaring R&R rivalling rather restrained Russian 12/9 0805. (Wood, Hawaii) Re westerly looping of 1550, I speculate Kamchatka; seems farther North and West than any other Soviet - and at least 3 times as loud. Complete lack of local organization seems to rule out location in large centers such as Vladivostok or Magadan, which have lots of local material on may MW and SW outlots. (Wood, Hawaii)
- ***1560 Taiwan. BEC27 hrd from 0915-0930 12/17 w/EE mx, then sports scores from "Armed Forces Network Taiwan", a promo for high school military training and more mx; f/out about 0930. (Ericson, Calif.; IRCA)
- Dominican Republic. R. El Mundo de Los Minas, Santo Domingo; new stn on the air operating daily but no address or phone given so haven't been able to get more information. (Objio, D.R.)
- Unid. Hrd on exactly 1560 12/15 0030; the pgm was of light concert variety; mal and female announcer; the language - an educated guess - Austrian; near German but not guttural enough; unid LA hrd at times breaking in. (Stone, Ont.) Sure sounds like the Dutch pirate, R. Veronica, and either Portugal or the Cuban; al on 1562. Are sure it was 1560 even? (Ed)
- 1562 International Waters. Veronica in "like a bomb" S9 plus; mx and female announce in Dutch, 12/23. (Tweedie, N.J.)
- 1575 Colombia. Progonos del Quindio, HJFI, Armenia; Caracol stn, ID 1226; move from 1150. (Objio, D.R.) Unid Colombian hrd 0209 12/25; Santa Marta mentioned. (Tweedie, N.J.) IDXD gives quick service on some of these, John, hi. (Ed)

- 1576 Costa Rica. R. Columbia Canal 2, Puntarenas, semi-local for great surprise and my 1st Isthmanian logging 12/10 0630; between equally potent XERF and XEDM, Chin on 1575 separable and looped. (Wood, Hawaii)
- 1578 Portugal. CSB5, Porto hrd 12/12 at 2030 (do they s/off at 2100A or was it just a fade?); hrd after 0100 12/13 again, after s/on. (Scrimgeour, Ont.)
- 1580 Unid SS. An here on Xmas AM; I'd guess XEDM except it was much too weak; splash from adjacent channels wrecked it. (Merrill, Mich.)
- 1581.47 Unid SS. Fairly strong some evenings, s/off w/march mx 2151 12/27; carrier cut 2154. Who? (Moore, Mass.) DF on this one is almost due south from here. Ed
- 1582.31 Unid SS. Much weaker than above stn; off by 2138 same night. (Moore, Mass.)
- 1590 Australia. 5MV, Renmark, S.A. 12/15 0610 w/State news. (Wood, Hawaii)

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V E R I F I C A T I O N S . . .

- 630 AUSTRALIA. 4QN; Townsville, Qld., ABC card, all details. (Wood)
- 650 DOMINICAN REPUBLIC. HIAT, R. Universal sent prompt v/l in EE; v/s is Ellis Perez who said, "...the quality of the signal recording is indeed surprising to us, thank you for your accurate and wonderful report." Address is Josefa Perdomo No. 34; power given as 5 kw. (Starr)
- 730 CHILE. CB73, R. Cooperativa sent v/l and v/q plus pennant; says 24 hours and use 5 kw from 2330-0530, other times 10 kw. V/s Gustavo Silva Farina, Locutor-Animador; QTH Calle Condell 1184 Casilla 37-V, Valparaiso. (Silvera, Jamaica)
- 750 ALASKA. KFQD w/long v/q for 11/26 reception; address P.O. Box 1040 and v/s is Roy Robinson, General Manager and Vincent G. Allred, CE. (Reynolds, Calif.)
- 780 NEW ZEALAND. 4YA, Dunedin standard v/q, all details from Manager. (Wood)
- 830 AUSTRALIA. 3GI, letter from J.C. Bennett, A.B.C. Representative, Sale, plus sked (Wood)
- 850 COLOMBIA. HJKC; Bogota airmail v/q; v/s illegible but from Departamento Tecnico. (Reynolds, Calif.)
- 880 DOMINICAN REPUBLIC. HIOR, R. Santa Cruz, v/s is Guarionex Aquino; only address is R. Santa Cruz, Valverde - Mao; photos included. (Cooper, N.Y.)
- 890 AUSTRALIA. 5AN, Adelaide, S.A., standard v/q w/all details, for a new state. (Wood, Hawaii)
- 910 AUSTRALIA. 4QB, Maryborough, Qld., and 4QO, Eidsvold, Qld., two cards; one specifying 4QB, one mentioning both, for this synchro outlet. (Wood)
- 1015 PANAMA. R. Reloj sent ANARC card w/all details filled in; signed Orlando Mocci or similar. (Wood)
- 1045 PANAMA. HOJ2, Ondas del Canajagua, Las Tablas; nice but inspecific v/l from Silverio Villarreal Jr., Gerente. Apartado 10; states 1040, now drifting around 1043. (Wood)
- 1157 SWAN ISLAND. Americas, usual v/q signed by R. Dollamore; says "1160". (Wood)
- 1435 NETHERLANDS ANTILLES. PJA5, R. Kelkboom sent very specific card, unsigned. (Conrad)
- 1554 FRANCE. ORTF, Nice, specific v/l from regional director. (Conrad)

T H E C R E W . . . reads like a Who's Who of BCB foreign DX'ers as of late: Michael Silvera, Jamaica; Larry Godwin, Colo.; Don Reynolds, Calif.; John Hoogerheide, Chile; Paul Kirkpatrick, West Germany; Ed Krejny, O.; Jerry Conrad, Ky.; Richard Wood, Ha.; Ernie Cooper, N.Y.; Jerry Starr, O.; Bill Stone, Ont.; César Objío, D.R.; Ray Moore, Mass.; Frank Merrill, Jr., Mich.; Gray Scrimgeour, Ont.; John Tweedie, N.J.; Bruce Reynolds, Mo.; Eric Floden, Ont.; Harold Williams, Conn.; Don Kenney, Calif.; Bob Foxworth, N.J.; Paul Kilroy, Wash. DC; Glenn Hauser, N.M.; Bob Karchevski, Mass.; Ralphie Johanns, N.Y.; Bill Brubaker, Fla.; Bengt Ericson, Sweden; Mike Bugaj, Morocco; Roy Millar, Wash.; Relfe Luton, N.C.; Richard Nall, Ky.; Ben Dangerfield, Pa.; Bill Cheatham, Va.; Don Kaskey, Calif.; Mike Tannery, Texas; Gene Allen, Calif.; Gregg Calkin, N.B.; Al Slater, U.K.; Howard Fountain, Ga.; Bob Hoffman, N.J.; Frank Wheeler Pa.; Matt Zahner, Md.; and to anyone we've overlooked. Tnx to all. And to other publications which have furnished us with info: International Radio Club of America; North American SW Assoc.; American SW Listeners Club; West Indies DX Assoc.; Sweden Calling DX'ers; Arctic Radio Club; Australian DX Club; New Zealand DX Radio Assoc.; New Zealand Radio DX League; South African DX Club; Benelux DX Club.

BROADCASTING IN THE TRUST TERRITORY OF THE PACIFIC ISLANDS

-By Glenn Hauser

(This article is adapted from information in Broadcasting Engineerings, April, 1966; AP Radio "Featurescope," August 28, 1967, FCC and FBIS information)

Unil seven years ago, the only waves lapping the shores of Micronesia were from the Pacific Ocean and DX stations. Today, radio waves fill the air and help reduce the 3 million square miles of the TTPI, administered by the United States under the United Nations Trusteeship system since World War II. The Trust Territory is divided into six districts sprawling 2700 miles from west to east and 1300 miles north to south, extending to 20° north of the equator. Island groups included in the Trust Territory are the Marianas, Carolines, and Marshalls. Only 96 of the 2100 islands are occupied; the population is 93,000. The total land area of all the islands is only two thirds of that of Rhode Island - yet they are scattered over an expanse of ocean as big as the continental United States.

The problems of communication in these isolated islands and the resulting logistic difficulties (as well as budget restrictions) were gradually overcome by the U.S. administration. Communication among the islands and contact with the outside world was through a radiotelephone and radiotelegraph system, weekly airplanes, monthly copra ships and shortwave radio. A handfull of hams kept in contact with the world and aided in emergencies such as epidemics, typhoons, or lost fishing craft.

The Micronesians are people of Indonesian-Malayan origin with strains of Mongoloid and Caucasoid. They are of medium stature, brown skin, and straight to wavy hair. Today the Micronesians differ from their ancestorys both physically and culturally because of the influence of nations who administered the islands - first Spain, then Germany, Japan and the United States. Excluding Japanese, which is understood by the majority of the older generation today, there are nine major languages in Micronesia, one and a half to each district! However, English is becoming the common language. Radio broadcasting in English is a great step forward in uniting the diverse island people.

At present all six districts have AM stations, and the biggest selling item at the district trading centers are transistor radios. Micronesians now gather in trading stores, in their thatch or concrete homes, wherever there is a radio, to hear their own district broadcasting station announcing world news, local island news, typhoon warnings, shipping schedules of the copra boats, bargains in the stores of the district centers, social items, educational programs, agricultural advice, English lessons, and music - popular western tunes, Japanese mx, and Micronesian songs. Today radio is replacing the monotonous native chants and strum of guitars.

Since these sister stations of Micronesia are non-commercial, and government owned, they are identical in physical and technical features. Located in district centers, the stations are housed in one-storey, 24' x 40' typhoon proof buildings with concrete roofs and floors and cement-block walls. The buildings, air condition to protect the equipment from humidity, heat and salt spray are divided into three sections: control rooms, broadcasting studios, and equipment rooms.

The studios and 1000 watt transmitters are under the same roof in all locations. All use non-directional towers and night power is not reduced. Turntables and reel-to-reel tape machines are used to reproduce recorded program material. All equipment is commercially made.

Radio technicians and broadcasters are all Micronesians. They have been trained by the postwar US Navy administration, given on-the-job training with the Trust Territory, or sent to special technical schools.

(Next week we continue this very interesting feature with information on the specific stations of the Trust Territory. To date, there have not been any North American loggings of any of these stations so far as we know. Editor)