ROY MILLAR OFFERS AN HQ 129-X FOR SALE

"I believe it should be worth $100, but I will solicit offers. I will ship anywhere in continental U.S.A., prepaid. If you are interested, please drop a line to Roy H. Miller, Box 6, Marysville, Washington, 98270.

NEXT ISSUE JULY 15

So, this means we have four weeks before the next DX NEWS appears in your mailbox. Let's make sure to send something in to the various sections for this issue - deadline in Brooklyn (Musings) is Tuesday, 7/11, and in Milford, Mass. (D-DX-D) and in Watertown, Mass. (IDX) are both Wednesday, 7/12. Come on, lads - keep DX NEWS chockfull! Let's have something from YOU in that issue!

ST: LOUIS CARDINALS BASEBALL NETWORK (from Dave Carlson)

VOTING FOR CONVENTION SITES TO REMAIN AS IS.

After a Conference call tonight between Gordon Nelson, John Callarman, & Ernie Cooper, it was decided to leave things as they are as to our method of voting for future Convention sites. We reasoned that many members are regular Convention goers, and therefore should have more say in the next site. Also, many would be voting who had no intention of attending, no matter what city is chosen. Also, pertinent to this coming vote with Pittsburgh contesting against Boston, some 20-odd NRC members in the Boston area would automatically vote for Boston, giving those in favor of Pittsburgh quite an obstacle to overcome. So, to make bids for the 1968 site, either attend the EUGENE Convention in person and be prepared to state your case there, or present literature and outlines of your tentative plans, or else give them to someone you wish to represent you who is going to Eugene - or else, send the invitation and details on your plans by mail to the Eugene Convention hosts, to be read by them there during the Business Meeting. And, it is recommended that this subject be discussed at some length at Eugene, during the business meeting. So, let's make those plans final to be on hand at Eugene, and it is hoped that someone from each of the bidding cities will be there too, to talk it up for his city. Remember the dates - September 1-2-3-4, the Labor Day weekend. More details will be given you in the July & August DX NEWSes.
June 17, 1937

**DX NEWS**

**CHANGES IN STATION DATA - F. C. C.**

(Purchased from Cooper-Trent, Incorporated, Washington, D.C.)

**NEW STATIONS**

590 Fort Nelson, British Columbia 2200 U-1 1400 Central Point, Oregon 250 U-1

1000 Vista, California 1,000 D-3 1490 Del Rio, Texas 250 U-1

1090 Kingsport, Tennessee 1,000 D-1 1920* Opelika, Alabama 5,000 D-7

1320* Water Valley, Mississippi 600 D-7 1540 Lineville, Alabama 1,000 D-1

* - Info from Dan Shaf, from the ticker of KSAK-1490, where he works.

**NEW CALLS**

920 K S R M Soldotna, Alaska 1520 W S L Y Anchorage, Tennessee

1000 W J T S Jupiter, Florida 1560 W F S P Kingwood, West Virginia

1380 K N D K Langdon, North Dakota 1590 W C S L Cherryville, N. C.

1450 K A V A Burney, California 1230 G H V D Dolset, Quebec

**CALL CHANGE**

900 K M B Z Kansas City, Missouri, from K M B Z

**FACILITIES**

600 W V A R Richwood, West Virginia, 1,000 D-1. Move XR NW. (still on 1230)

690 W D B C Escanaba, Michigan, 10,000/1,000 U-4. Changes in daytime pattern.

1320 W A M R Venice, Florida, 500 D-1. Move XR SE.

1370 W R E L Corona, California, to 5,000/500 U-4, from 1,000/500 U-2; no change N.

1450 W 0 W Warrington, Virginia, 5,000 D-1. Move XR NW.


1540 K A B E To Gretna, Louisiana, from Westwego, Louisiana; move XR S.E. 500 D-1.

**HEARD SINCE LAST ISSUE**

920 W W B D Now Bamberg/Perak, S.C. FCC 1400 W J D Ne. antenna FCC

910 K A L L Now 5,000/1,000 U-2 FCC K A F A Now XR site FCC

1110 W U N N Mason, Mich. (5/11 RS) NRC 1430 C K F H Now 10,000 U-4 FCC

1190 W L Y S Nov 10,000 L-3 (3/8 RS) NRC 1460 W T H U Thursday, Md. (6/12RS)NRC

1230 C K M P Nov 1,000/250 U-1 FCC K F T W New antenna FCC

1270 K I M L Ex-1490; 5,000/1,000 NRC 1470 C F R W Ex-CHIC FCC

1300 K V O R Now 5,000/1,000 U-1 FCC 1500 W K J Z New antenna system FCC

1330 T E A L Ex-1510 cc/s. NRC 1530 K T I L Now 5,000/1,000 U-2 FCC

1343 K E O Ex new antenna FCC 1050 K G F X Ex-630; 10kw (5/25ST)NRC

**Bill Brunbaker - 150 N.E. 77 Street - Miami, Florida - 33136**

Hello. Summertime is here & so is the static! However, I have managed to hear a few stations. Reports are out to all of the following. 4/29- Z FBK-1950 (second report) @ 2:57am. CWL-740 @ 3:30am, WAB-520 @ 1:34am, YOP-1410 @ 1:38am. 5/15- WBBE-950 @ 4:33am, WDPX-1110 @ 3:58am, WBBF-1110 @ 4:03, 6/4- WAOC-1490 (second report) @ 11:04pm, WKBK-1490 @ 11:07pm. 6/5- A surprise came in from previously not heard WGBY-1540 in Ganautulu Bay @ 12:14am. They had a great signal. WGBY plays mostly jazz & I AM & IDs about every 15 minutes. They ID as "Armed Forces Radio - Guantanamo Bay." I am hoping they verify. Also that night WBOH-1250 had a great signal for a small area. They came in @ 2:15am. 6/6 Radio Abc-540 HCM @ 3:53pm, Radio Girard, 550 YUH, @ 1:22pm, HAAM-650 @ 10:34pm, 6/7 @ 10:40pm and finally decided to log Radio Puerto-1330 HCM @ 8:30pm for a report. Verifies came in from the following: FCC WRC W3XBC W6XCC WBZX BBL WAB WDX WFB. Reports have been cut to 1020, Canal Zone, & WBOH-640 for a while, All times are listed in BST. That's all for now.

**Erv Johnson - 501 6th Street - Mandeville, Louisiana - 51342**

No DX here - last report sent was on WMYZ-1520 Ypsilanti, Mich. 4:23 heard on a test but not regular. Veri back in four days. A few veris came in since last April, namely KEIM-1220 4YER-1035 WXY-1600 WAAO-1530 WYMY-1520 Radio Barbados-780 WCIK-1060 CHIN-1490, & a v/q from WPBS-1560. CHIN v/q os William Graham, CE, who is a ham & will verify all good reports. Out of 55 reports sent, 10 have failed to verify. They are WAAK-1510 EXER-1180 WMYZ-1350 WIRJ-1500 WRTM-1500 WRCN-1000 WGZ-680 WYMY-1466 CHIN-1280. Bullets are being received here on Tuesdays now due to late mailing, usually, Saturday or Sunday. Nice work, JAC - I will be vacationing in the Best 6/25-7/15 - I have VPE cards now if anyone is interested. Wall Breville talked me into it. hi. I hope all have a good Summer & will be back at the dials come 9/1. Best DX & 73c. 

*JUST A FEW WEEKS TO GO! EUGENE IS THE SCENE! SEPTEMBER 1-2-3-4!*
Frank Merrill Jr. - 10623 Selene-Milan Road - Milan, Michigan - 48160

Dave Dunning, where are you & the 1915 newspaper? I finally heard my most-wanted station on 5/14 in the form of WTRF-1600, @ 6:12am, EST! Not enough for a report, but on 5/28 w/the Aurora I was able to get a good report on then, way u/HARU. I must not be getting more than 50w from WTRF, hi. Now I've heard everything within 100 miles, depending on the location of the new WMOC-1500 XE, as downtown Sandusky, Mich., is exactly 100 miles from here via air, hi. Other DX, TX is EST: 5/7- WERK-1530 (115 miles) 6:42am for another badly wanted one, & 5/8, WLOH-1490 f/c-TT-ing 12-12:15, not on list. On the three catches this month, & in the verie department, only two v/gs in, CJVR-1420 & CKBW-1600-DX, the latter on 5/29. My DX has been much better, including 13 newies via Aurora during the last week, including WNUP-90.5, 350 miles, 275w, my all-time best. Today is 5/30. By the time you read this, I'll have had my great Cincinnati weekend. Current SC total now up to 1,363; I'll be doing some trading in Cincy. What happened to the proposed CUSP call change? They're still CUSP, hi. WSTR-1230 has gone AW-6, off 12-5:30 EST M-S, but I never hear 'em at night, hi. Well, that's it for now - best of DX to all, 73s to all, bibbibibi. That's all folks, & don't forget to wash behind your ears & say "please" & "thank-you", hi.

Bill Cheathem - 6900 Westmoreland Rd. - Falls Church, Virginia - 22042

Hi. DX has been all poor & very weak at home so no new stations. Veries: v/1-WERJ-910 very nice, w/CM, WINC w/descriptive sheet on XR & CM, & WBAY-1340 signed "DXingly Yours." v/q- WQA & WUWH which is the second one for me from one report. About the question of having Musings on EST or EST, I think that EST would be better as DDX is already using it & we also use EST the rest of the year. Did anyone notice reception on the night of 5/15? Skip was nearly at a standstill because of the Northern Lights. The same was true of SW. Furtherest station received that night was KYW which was in poorly. I think I'm doing better in my reporting now as my results seem to be improving. I try to include station phrases like "WXXX the Xist Voice in Virginia", program names & names of announcers if possible, & if they're signing off, I write down everything they say. Of course I list ads & program selections too. Also the general rule seems to be that you don't have enough information if you don't send it out & this is true as I've found out. As to return postage usually if the station os 10-50kw I don't include it. SW. sometimes I do. 1kw or below, now I always do, unless I know the station doesn't want it. Before I joined the NRC I didn't put return postage in any report, hi. I'm curious as to how other DXers write their reports & determine if return postage should be used so how about it, men? I received 5/6 issue on 5/6 & 5/20 issue on 5/26. 73, C U N 14. FS- What's Hi? (Holiday Inn AH show - ERC)

Don Egert - 1925 East Bowen Street - South Bend, Indiana - 46613

5/31. Hi fans. I don't really have any earth-rocking DX news to report, but I thought I would dispel any unwarranted rumors that I had read away or something. School is out for the Summer, so now maybe I can get things organized here & get fired up for a little DX, since studies don't allow any DXing during the season. I do have a couple veries here however, v/q WTPS, v/1 WCM, & what I believe is a verie from XERU for a report to XEVIP-1560. I don't think I'll count it though as there is no mention of XERU. My totals after 1/2 years of off & on DXing are 876 logged, about 150 veries, 47 states logged w/45 verified & 15 countries. The age here is 19, & I'm a spph at Ball State U. I'm looking forward to seeing Frank Merrill sometime soon this Summer. I guess that's about it for now. I hope to have a little DX to report next time around. 73 & good DX.

Box H. Miller - 800 S. 2nd St. - Nellsville, Washington - 98270

DX by date since last report: 4/25- KGBE-1230 Reno ID 7am as I continue to try to "make hay" on the newly opened 1230 channel. 4/29- KYET-1450 Fayette, Ida. s/on 8am; CKIR-1230 Kitimat, BC v/CEU-relay ID @ 5am. 4/30- KSEP-1230 Spokane, taped @ 5:50am for report to another unverified 1230 call. 5/1- WWOL-1120 Buffalo taped 4:58-5am s/ on KMOX for another try at verifying. 5/8- WOOD-1310 Chattanooga, s/on 4am, another long in my logs, but never verified; KRWC-1310 San Antonio, s/on 5am. 5/9- KCIE-1120 Cleburne, Tex. s/on 6am for a welcome 250w. 5/29- KZON-1600 Danish Maria, Calif. s/on 7:02am just briefly atop KUSA. Veries: XEXX-1010 KGEE-1230 KYET-1450 CKITX-1230 Radio Peking (v/q, no date or frequency, however, only report of past season was on 880 transmission, so I assume that's what they confirm!), CKDO-1240 CJVR-1440 WOOD-1310 KCLE-1120 (by tape recording) WWOL-1120. Personally I feel EST is strictly in order at all seasons throughout DX NEWS, least confusing, I do believe. 73.
Motmuch

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"Come

on Down!" hi.


It seems I have the hum day &night or I should say 24 hours
daily. Do you think it to be a local appliance, power line or is it that dreaded
Summer static? Does the Summer static get so bad it limits your DX considerably?

Only a few veries have popped in the mailbox, WPAC & WEAT. By the time of the next

NRC issue, I will have taken both my novice & technician written examinations as I

have already passed my code - I can't wait to get that WAI call as I have a nice DX-20

waiting, hi. I have been selected as President of CDXC along w/Mike Scott as Secretary

& Dave Bennett as Publisher. Between the joint efforts of the three of us I feel we can get CDXC going strong again. As they say at WABB in Mobile, "We're Absolutely Boston-Bound in '69. '73 & good DX.


Hi again gang - this time from Ft. Lauderdale, Fla. Where we are for the weekend be-
fore we go to Guantanamo. The WX here is beautiful! So no wonder Jim Dooley said.

"Come on Down!" hi. On the radio scene from here, I notice many Cubans are very
strong, especially 630 640 690 & 720 during day. Nighttime, the dial is infected w/
them, & also jammers. From the N, WABC seems the most dominant (yay yay!) & also the
most distant catch. Locally, there are many stations, so here's a rundown on their
formats (at least, some of them, hi). WQAM-550, rr. WICT-610 Middle-of-the-Road.
WUNR-790, rr. WAMN-900 Ernie mx (c/v, hi, Ernie!). WIZN-940, Middle-of-the-Road like
WZNI-1130; WCG-1030, cl mx (I think). WAME-1100, SS. WAME-1260 NN. WINK-1250, rr.
WQMB-1250 M-o-t-R, also WPTL-1400. WBBD-1470 (Kockin' Big Daddy) NN. WBDY-1490 NN.
ZRS-1540, various programs. WIZR-1550 seems M-o-t-R, & WSPF-1580 also seems M-o-t-R.
Now for a question. Who has NN mx on 590? I know it isn't WDBO as I heard them ID.

Any ideas, anyone? Well, I guess that's about all I have to say for this time around,
so I'll close for now. Oh, to Boston-area guys - I bought another car for $10 (a '54 C
Cadillac - no, this one runs, Randy, hi!) he I'll have transportation when I get back
to Newport. So maybe I'll see you fellas again! If you guess 30 is near, so I'll close.

Ralph Vatalaro Jr. - 27 REAR Franklin Street - East Somerville, Massachusetts - 02145

Hi again! Latest veries are in from WSGU; three weeks, Belize, 5 months, KGB 43
months, & WCOY, six months. It seems that most of my holdouts are starting to come
back. Belize made Country #1 verified. Ol' Fuzzy finally got enough strength back
to do a TDXD in the 5/20 issue & look what he did! Fantastic! The articles were
very good, too! Boston has 27 NRC members who will vote for the Convention in '68 &
two-thirds of the leadership is here! How can we miss? Pittsburgh? Huh! I got a
package of film slides from Sheldon REMINGTON of Conn. All 36 slides came out fair
but you can still make out the highlights of the last Boston get-together. Ernie,
Sheldon even got one of the back of your head! (That's my best pose, Ralph! -ERC)

It was taken during the ride to WXH. Nice going on WDEW verie, Roy Millar! I have-

n't heard them yet because of semi-local WHLO! (They should be on at 15 minutes
later than WHLO some months, Ralph! -ERC) Sheldon called me @ 11:12pm 5/26 & reported
weird BCB SW & TV reception. I couldn't explain it, although it might have something
to do w/the termination of the Northeaster storm we had. Phzy, can you explain it?
(That's Aurora -ERC) Congrats to Randy Kane w/his fine column. Why won't more people
contribute to it? Mine reporters is not enough. Ralph Johannes, I'll see what I can
do about your WUHR report. The ACE is a correspondent of mine. (The CE won't even
bother OPEN letters, hi) That's it for this time. '73 & best of DX etc., & remember,
it will be BOSTON in '68 (c'mon, where else will you see Shrac or myself? Hi.

Herbert Campbell - Box 35 - B.P. 2 - Athens, Pennsylvania - 16849

New WOIT-1000, 1,000 W D first noted on HS 5/26. Thus may have been this DX noted by
some in early May. CE is John M. Mulligan, address Hancock Hous, Box 288, Horsheads
NY 14845. Immediate v/q, a model of precision. Much better than WOIT-1000!
Bill Nittler - 1520 South Julian Street - Englewood, Colorado - 80110

Dx has been quite sparse in the Nittler Den due to lack of time & the Summer season, which seemed to set in early this year. Back to 4/3 found logging of WOKC-1450 AN @ 2:33. This was only April logging. 5/10- WWAS-1410 Nuevo Laredo heard s/off @ 1am. ID as "R. Juventudes." 5/14 - I took another report to KEBY-1540 as they didn't answer Jan report. 6/1- CFRM (ex-CQFM) logged on AM program, through someone testing. I speak for retaining ESS in the bulletin. Keep it uniform year 'round! GMT doesn't work for EBC DXers too well, particularly since most of our members are in the US or Canada. O don't think that a DXer should claim tape recordings as veries, either. It takes much more effort to get a verie than it does to get a tape recording. Anyway I would rather look at a verie than at a reel of tape. I have many, many good catches. The IRECA since its inception has obtained new members through contacting names received from clear channel DX reports. However, the percentage that even reply to our contacts is very small. As anyone who has ever been connected with our bulletin publication knows, very few who write for sample copies or information on the club ever join. The main problem w/poor reception reports is from people who take up the hobby very briefly & then lose interest. I don't think there is much we can do to completely obliterate this kind of report. I remember that the first few reports I sent out were pretty bad as most of you probably recall. About the initial reports. I thought all that was necessary was to know you heard the station & to let the station know. I don't particularly like the Convention vote proposal. Speaking from experience as 1963 NRC Convention host, a lot can happen in two years, particularly in our Club. We have a large turnover in membership. A lot of people, particularly those still in school take up the hobby & then find other interests that eventually lead them to drop DXing. We could thusly approve a Convention site now only to find that two years from now, many of those involved in the Convention are no longer members or have moved to another area. If the membership must vote on Convention sites, then make it yearly. 73 till July. Denver '67 for the IRCA Convention, 8/26-30.

Bruce Reynolds - Route 2 - Harrington, Missouri - 64033

Greetings: DX: 5/31- KQX-1510 u/KFBS @ 7:30pm. (Both KFBS & KQX have Cardinal BB), 6/1- WTTW-1150 who didn't show on last Winter's TEST @ 5:25am c/KCAL; much-wanted KCCO-1450 & KBBS-1420 in u/KJCK @ 6:30am; KAIN-1370 w/rr to 8pm s/off; KCRV-1370 c/w to 8:15pm s/off; & KPRC-1370 @ 8:25pm w/rr. 6/2- My best of 1400, KSYG, Texas, s on-SSB @ 5:45am & KQX-1360 fighting KETO 6:35-7:02am. 6/3- KOCK-1270 in good copy from 5:15-5:30 am; WISM-1270, ID @ 5:30; & KADL-1270 v/c/v @ 5:42am. Verices: v/1- WCSS KULD & KJNG. I don't believe I mentioned before that KULD-1380 has gone back to rr after trying about everything else. They are again using the "1360 Kuddle" IDs. Totals: 968/416, states 44/43, provinces 8/6, & countries 23/15. I haven't been pleased w/the sensitivity of my RX since I put in the mechanical filter, particularly on SW, so I have installed plugs so I can use either the regular IF transformer, w/v or without the Q-Multiplier, or the mechanical filter. 73s till next month.

Bob Shaw - 234 Columbus Street - Elyria, Ohio - 44035

Being quite busy plus rotten RX not waking up to the alarm added up to no Musing last time. Only DX has been WHBL-1330 8:03pm 5/6. Only veries are v/q from WAKR & WLEC. WSPD noted AN 5/29, phooie! WERE has a new MM format: the Big Beat Show, 12:30-5:30, W/199-62 rr. So if you hear rr there don't think they're off. Indians' stations: (I'm not 100% sure on this - I made a few changes that I did know of): WERE-1300; WSLR-1350 WBCO-1340 WBCO-970 WBCO-1360 WMNS-1450 WWM-1260 WJER-1450 WCPO-1430 WPFO-900 WNN-1520 WNMA-1400 WMCA-1490 WMV-1360 WNO-1350 WCET-1430 WSM-600 WLEC-1450 WSTV-1340 WSPD-1370 WEST-960 WBFM-1240 WTVZ-1360 (they do not carry games that would conflict w/their c/v as they have no FM) WDEZ-1410 WJTI-1440 WWTV-1260. 73.

Tom Mann - 1805 East Glendale Court - Milwaukee, Wisconsin - 53211

WYLD-540 in Jackson. WICO has changed from Box 940, Milwaukee 53201 to Box 3096, Milwaukee, Wis. 53218. WFOX-860, 206 East Wisconsin Ave. Milwaukee, Wis. 53202 has dropped their c/v format, for "Middle of the Road" mix. WFOX-860 is 150w. When will WBBO-740 in Baraboo be going on the airwaves? I'll be looking forward to hearing the new station on 690K, 250w. in Oshkosh, Wis. Does anyone have their address? (No info here on either WBBO or Oshkosh-590, Tom - ERC)

Bernie Duffy - Steaten Island, New York - 10301

KCQX has just started testing w/their new power of 10kw. on 1060k on 5/26, daytime only. No arrangements have been made as yet for f/c/s.
Hi all! Not too much new DX here to report, but here's what I have heard. New stations: 3/20- KLOG-730 NMO TEST, though not enough to send a report, WZKW-1420 w/WKH off, & WZMF-1470 at their s/on. 3/18- CEIO-1220. 4/3- First definite logging of semi-local WZOB-1430 at 4:30pm. 5/11- WHAB-1360 during an ET w/local WZKY; & 6/1- WZME-1350 w/WOTF for most of the evening. Auroral-type DX have been very prevalent for about the past two weeks or so, allowing WOFB & other semi-locals to be heard at night w/fairly good signals. No new reception reports out lately, but some have come back from KVOO-1170 KHUO-570 KDKR-1300, all v/s; KCEJ-650 WPTO-1460 & WVIN-1500 all v/s. WQCA-900 sent both a card & letter for their TEST. Scor, write. 73s & don't forget, PITTSBURGH in 69!

Dave Schmidt - 41 Green Lane - Green Ridge - Chester, Pennsylvania - 19014

Hi! I'll start taking bets that WWUN might make it in here even w/WEZ on! Anyhow, I thought I'd better get out a showing while time permits & before final exams start. DX, not very much: 4/25 found the new WQCF-1000 in at a plus 20 o/s-9 level so report sent. This 4:51am s/on. 4/26- I noticed the extremely strong sunspots & WHSL-1490 was making it perfectly clear 9:42pm. 5/4 found WIP OFF (yes, it's true, hi) @ midnight, so WZG was taken down till 12:21 when WIP threw their carrier back on. That's the first time I caught WIP off in 1½ years! 5/5- I had a nice fight w/one v/s & no school on 5/6 & 5/6. I was up at 6/5 but too sick to really try. 6/5 brought WQAF-690 @ C127pm. The area that was spared from the NYC power failure in '65 got its 7½ minute failure on 5/5 @ 9:33am. All of the stations were either off or on ATR. And after all the power came back on, WWUN just decided to stay off 'cause they didn't come back on until 5/5, hi! This was really funny though; I had WIP on & their cartridge machines were running slow, then the audio just faded out, then our juice went off. We got ours back about two hours later, & the high voltage lines down by here were running about a 40 o/s-9 level of noise, hi! And they said it couldn't happen again - hmmm! Better watch out - your area might be next! Hi, & 73s.

Ernest J. Wesolowski - 1416 Pasadena Avenue - Omaha, Nebraska - 68107

Another DX year has come to a close. I have added over 100 v/s this year, bringing my total up to 940 - all from Omaha in nearly eight years. Latest v/s are from KTM-1470 who for many years didn't verify. V/s is Leonard Kelly, GM. Nebraska back up to 100% again for a two year pace. KNOP-1410 in North Platte was the lucky one for a report on their r/c which is Second Sunday 2:30-3:45pm EST. We in Nebraska finally made it into EST, except we called it CWT! A rundown of the EQ here is an EQ-1阿拉卡, two outdoor, one indoor antennas plus a 40" loop; two recorders, a tuner, a stand-by AM/FM radio & the landline 400-753-9457. Does anyone use a modulation meter on his EQ? Sorry to say, but all of my envelopes & copies of reports were disposed of due to housekeeping. A commercial, if you don't mind: I'm selling (now) a set of 12 local Sunrise/Sunset maps in blue ink on white stock of 8½x11". Charge is just one dollar paid (add 10¢ for first class mail) in the U.S. & Canada. From this set, one can determine at what time a daytimer will s/off or go directional; or what time a station on a clear channel will s/on. If you hear either a s/on or s/off & don't know who it is, you can determine who it was by looking at the map for that month. I cannot make it to Oregon, boys, but I know you will have lots of fun, as always. Maybe Denver in August for the RGO Convention. I may visit Florida & Nassau next month. Good Summer DX & C U in 30. (Ernest, how about a ZN-8-1240 DX-TEST while you're down there, for next Winter??) - ERC

Lewis White - 4 Mansfield Road - Trenton, New Jersey - 08619

DX since last report includes: 4/24- WITL-1400 @ 6:04pm. WQAB-1430 @ 7:19. 5/3- WSIB-1010 w/WTNR @ 6:25. 6/2- WCBD-1590 Chambersburg, Pa. W/f/c from 12:15-1am, WPJX-1380 @ 12:14am, WNN-730 w/some sort of test @ 1am. They mentioned it was a clear channel, WPJX-930 a pleasant surprise @ 1am. WQAB-1030 w/TT @ 1:30 really knocking around WPIC. Did you hear this one, Ernie? (No, 4st - ERC) WIST-1240 @ 2am UNN WNN-730 w/beautiful signal @ 2:03am. WBNR-950 @ 3:15 w/c/w, & WHAP-1340 @ 2:35am to end that session. Attention: Get-together scheduled here 7/1. We're expecting some of the gang from NYC & Philly areas to make a good showing. A barbecue & tours of WNBX & WNCB are planned for this one-day affair. If you're planning on attending, please call me at 609-833-5476 for confirmation & directions on how to get here. All of you inactive members who've turned to TV DXing are welcome too, & 73, & PITTSBURGH in 69. AS THEY SAY IN ROCHESTER, NY, "WHOU." WE'RE RECOMMENDING THE OREGON CONVENTION!
Greetings after a five-month absence. Quite a bit of DX in that time but I'll just report the latest.

4/19 - WADU-190 20:49m; 4/25 - CHSC-120 12:07m; 4/26 - KSIF-1500 f/c 2:05m.
4/28 - WHEL-1100 5:16m; 4/29 - WHEL-1570 7:14m s/off for my 60th
logging on 1570; WINA-1070 6pm; KJIP-1050 11:07m; 6/3 - WSUI-950 ET 12:43m; WCLB-
1220 r/c 11:17; KFJO-1240 r/c 11:45. 5/5 - WERE-1160 ET 11:30am. 5/6 - CFTH-990 2am;
KOPT-1070 3:15m; WLOC-1165 5:02am s/on for my 5,500th logging. 5/9 - WERE-1420 r/c
12:30m; KUAI-720 3:03 (tentative); WAWK-1160 (ex-1570) 7:50pm. 5/10, WERL-1420 4:33
am. 5/11 - WERE-970 4:01m s/on; WUNN-1100 4:50pm for first day of ES. 5/16 - WSAQ-
1400 3:46am, WSEP-1370 now AN M4, CKWF now off @ 1am MM. An announcement over
local CJJP said that "Cheer" (CHY/CHIR) will take to the air on 6/26. That about does it
for now so until next month (maybe) test DX & 73. (Welcome Back, Charles! -EBC)

Ken Chetterton - E.F.D. #2 - Hannover, New York - 13661

Since this is my first miss, perhaps an introduction is in order. I am a 33 year old
construction steel worker. I have been DXing for nearly ten years. First on SW, &
for the last three years, on CB & FM. My EBC totals now are 35 states, eight
provinces and five other countries verified.

I use a Zenith M660 AM/FM set & sometimes
a Panasonic eight tube AM/FM set. DX is in the Western foothills of the Adiron-
dacks (near Watertown, N.Y.) has been very poor of late. 5/20 - R. B. Belize-834 @ 9:29,
6/1 - WWRH-970 @ 6:29 & WNBV-1290 @ 11:20. Recent variety are: v/g- CKRF-1000 for 1/30
DX Test; KMEJ-700 in MA for report in SS; WJID-1160 for report sent in April '66.
V/1- CJJR-1450 WBB-970 WNLW-1390 CKFR-920 for 4/10 IBOA DX Test. I've read that
they got only seven reports; guess I must be lucky. I guess that's about all I can
report this time. 73. (Not lucky, Ken - a good DXer! And, welcome to the NRC! -EBC)

Robert H. Hostettler - 417 Irving Street - Lake City, Minnesota

Hi all! I've got lots of time for DX now but it rains every day, placing the static
level miserably high. Here's DX since last time: 5/28 - WRIG-1400 strong @ 12:39m.
5/31 - KOLT-1320 w/NX @ 12:03m; KEDO-1240, Colorado Springs, @ 1am. 6/1 - KSUM-1370 @
5:37m s/on @ 5SE; KEOB-740 @ 6am, KPMH-1660 @ 6:16m, WEBG-560 @ 6:47. 6/5 - CJOC-
1230 @ 11:48pm w/only QRM, & not much at that, from CJJR; very unusual for so early,
but unm. KSUM-1380 1:14m. That's all. Veriety: v/1- KSKY. v/g- KNOW.

Here's a list of stations in the 1957 Minnesota Twins Radio Network, as received to-
day, 6/10, from Hamm's Deer: WBBQ WHEE KENZ KANS KEDM KFON KFNN KBOV KFRO
KWAN RIKF KFVR KVOS KDAL WHO WCCO KLEM KSJO KJEO KORB KOBV KOMO KXSV KSJF
KLCB KPFM WCCO WCCO WHER KFHS KFBA WJIB WCCO WBCF KFPO WJIP WCCO. The following of the
above stations broadcast most, but not all of the games:

KLEM KSJF KFCS KXSR WBOF KFRE WBOF. (EBC's error; these broadcast one-third to
one-half of the games, but not all: WHO KCMO KYTV. Only report
went out to KSUM. That's all till next time. 73.

Jerry Starr - WHOT Radio - Youngstown, Ohio

Hello again. DX is next to nil since 5/15 but I thought I'd get my two worth in to
help fill up another "off season" DX NEWS, & hope many of the other regulars will
"keep 'em coming" during the Summer editions. DX since last Miss: 5/15 - WSKA-1500
12:07; WCWA & WCOL-1230 fighting it out, both @ 12:20. 5/26 - HJAC-1130 & N1JR SS
during Aurora CX, the most severe in several years that I can remember. I got good tape
of HJAC. More info in International Section. A few stations still coming in from
overdue stations. A large batch of f/ups out last week which should bring in a few more,
v/g - WCOL NAIK KoTVI. v/1- WIOO WNNL KFRI WWOIL WLOH WNOH YS8-590 CTHM LKSW-102. Also a
v/q from long overdue CBFB for 1/30/67 TEST. Sorry I neglected to give the date
for the KTKN-930 f/c. It was 5/6. I didn't get a chance to listen for it on 6/3
(first Saturday) so I can't say if it's a r/o or not. Do any of our WCC members have
any further info on this f/c? Also, I guess I'll say my 73s to all. PITTSBURGH in
'68! PS - Have the Contests been canceled, or something? It kinda looks that way,
doesn't it? (Mike had standing of Contests # 2, 3, & 5 in last issue -ER)

Dan Shaw - KSAM Radio - Huntsville, Texas - 77340

Hi all! It's been quite some time since I visited the Missings Section. As far as DX
does, I haven't done anything in the last two months. Keep up the GREAT WORK, Ernie! I am
enclosing some station info that came over the wires. OK Gang, I am now going
to close for now & try to get back on the DX Trail & hope to have plenty to report
next time. 73s from "The Friendly Voice of Waller County" and the "Pinecone Curtain."
AS THEY ASK IN DURHAM, NC, "WDNC?" "WHERE DO ARSERS CONVERE?" THE SCENE? EUGENE!
A few things on my mind & since last listings so slim, here's my worth. The following varies in lately: v/c WA6O-1530 (who apparently think they are an SW station!) DXAR-740, Big Johnny, REB, CXG-1200 who mention reports of the years from seven provinces, 39 states, all Scandinavian countries, Germany & British Isles. v/l WEA-1100 (also confirms SSB from 3/17/64); CPRY-920 who received a measly eight reports on DX; CHSC-1220 in form of vague, sugary pop re "gracious listener," Also a smart listing of "All-Time Top 300" by CKL - one of the best I have seen. Since mid-April almost all DXing done on FM & TV, which are now picking up strength in early June after a slow start. All you who noted the extreme Aurora CX on BCB in late May will be interested to know that between 10pm 5/25 & 6am 5/26 roughly the strongest Auroral activity in southern Ont. since 1956 took place. Within a period of less than three hours 10:05pm-12:55am CST on these days, an unbelievable seven provinces, all but PEI, Alta. & BC, were logged on low TV channels, while on BCB shortly after 12, I never heard things so utterly dead - absolutely no stations audible except groundwaves from S. Ont., W. NY. & NE PA., undoubtedly one of the very wretched nights I've ever experienced in DXing. DX, 5/17: WMEB-1250 ET ID @ 2:02 through heavy QRM; WGR-1200 s/on @ 6:02. 4/19: WTD-1270 ET ID @ 12:19 along w/IT & c/v. 4/22: WAPW/KWIP s/off together on 1390 @ 7pm. 4/23: CKRU off 5R for first time in 16 months (ugh), noted from 5/25-6am s/on but CC there most of time; however, this did allow me to add WISO-1000 to the log @ 5/31am s/on; nothing but WINS on 1010. Later, my old friend C-FUN-1610 noted back on for few minutes to 7:06pm s/off. "Send reception reports to Box 743, Copper Cliff, Ont," so I did. MH 4/24- WDAK-940 ET on day pattern 3:13-3:20 w/many Big Data... Radio IDs & old rr; WCP-1150 ID @ 3:14; bug surprise, WJR-760 off - how long since that happened before? 5/18: Possibly one of my most-wanted on 1390- North-central Ont. NA almost certainly was CKIZM for no ID as such. 5/22: WOCR-1210 s/on @ 5:02 & into "portals of Prayer" odd I never heard them before, soon covered by WHAG. I would like to hear from anyone who is remotely thinking of driving or flying out to EUGERF Convention from E. I am seriously considering same but must know by 7/15 at latest in order to formulate vacation plans. FTach- CKSO-1150 will be off AM for several weeks for new 10kw. XR. 73.

Mike Levittow - Room 306 - Putnam Hall - 2650 Durant Avenue - Berkeley, California DX here has deteriorated to the usual bad Summer (v/w/static & power line noise which was shown to be responsible for the HFL during the Winter) dominating the dial. I was home in Kenfield for Memorial Day, & I tried a few graveyard frequencies (where the noise is minimal) during the evening. Noties KCBN-1230 Reno heard through mass & also a station rather difficult (I) to hear in Berkeley, KSLY-1400 San Luis Obispo w/ excellent signal o/u looped local KPAT. Otherwise DX a loss, particularly daytime CX bad. Semi-local KHMU-1580 has been off for the air for some time, but nothing heard on 1580 daytime, not even KVIP Mead, which used to make it during the Winter v/KHMY. Also built a new stand for the loop from a Christmas tree holder, first seen used by Larry Godwin. A few stations heard last season but not reported in the bulletin: ZEM-1235 FJU2-1295 WDAK-950 WAAK-1270 WAGT-1240 & KREL-WERP. By the time this is published, I'll probably be in Philadelphia for a Summer job - I hope to see any NRC members there. Only very recently is CHM-1190, mentioning "other reports from the WC & in fact from as far away as N.Z." Station operates with 10kw day, 5kw night, w/major lobe N in both cases. Funnny, though, I never heard CHM when back East. 73.

Bob Pitsch - 10 Millard Drive - #41 - Mill Valley, California - 9/9/61

Not a whole lot of new DX lately, Summer static seems the worst that I can remember in a long time. Five new ones since last report: 5/8- KQZB-1300 2:01am s/off; KFB-1310 2:07am, ET. 5/11- KLCQ-1490 12:30am surprisingly atop the mass. 5/25- KJTR-990 6:45am s/on "in the clear" but weak. 6/11- KYND-1540 7:34am after many moons of trying for this 50kw-er, very weak. Scanty amount of veries: KDY-1520 KFB-1310 KLCQ-1490 picture postcard of stations, KPWI-1310. No reply for latest WERP report yet. Totals 660/123. Remember, EUGERF IS THE SCENE IN '67. 73s.

Jeff Bedt - 8817 Park Overlook Drive - Bethesda, Maryland - 3/31/64

Veries: v/l KCMR WIMA KGCN WHXG WAPA ESTT KREI WOCY WOPH. v/q- WJIR WIBN. I consider KCMR to be one of my best catches, especially since I don't think anyone else East of the Mississippi reported them for their TEST.

THERE ARE JUST TWO MORE ISSUES BEFORE THE BIG N.R.C. CONVENTION AT EUGERF, OREGON. IT IS TIME TO MAKE THOSE DEFINITE PLANS NOW TO BE THERE AND TO HAVE A GREAT GREAT TIME
Hello NRCers. No new DXing done lately due to [uncovered] exams in college plus May which is so prevalent this time of year. However, on 6/7 I toured WOR-1490 Washington DC's top WR station. WOL's morning DJ, Sunny Jim Kelsey, led me on the tour. He told me he has been working at WOL ever since the station changed to its present R&B format two years ago, but that he previously was employed as a DJ on WWRL-1600 NRC & did his show on that station from 11am to 2pm weekdays. Any of you NYC members remember him? In any event, I found the tour of WOL extremely interesting & noticed that everyone on the staff was courteous to me. WINX-1600, Rockville, Md. WR will be featuring every other song az an "olde goldie" 24 hours a day all Summer long. Offhand, I cannot think of another radio station anywhere in the country which has ever attempted such a format for an extended period of time. My own plans for this Summer include taking one course in Summer school at U. of Maryland followed in August by a trip to California & hopefully a stopover in Eugene at the NRC Convention. Time will tell, I guess. Anyone passing through Washington, DC area this Summer is welcome to stop by for a visit. My telephone number at home is 301-465-2377. Have a good Summer, DX-wise & otherwise, & bycicle for now. (Thanks for the fine cards, Rick! -ERC)

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

Hi. DX has slipped here in June after getting 60 new ones in both April & May. No DX NEWS (6/3) here on 6/11. Right down to DX: 6/1- WPAB-1150 Tex. which didn't show on a TEST earlier this season; was noted @ 5am c/on. Local WGNU hadn't signed on, so I logged KTVK-920 for report @ 5:15-5:30. At 5:30 I heard a s/on of KDOB ("A Taste of Honey on 920") - Is this the call change of KECK? I can't remember! (Nor can I, Dave, hi -ERC) 6/2- KKOY-1140 Ark. finally noted @ 5am s/on/ 6/3- Report to KXRA-1150 who was finally in v/c/w @ 12:11-12:26am. MM 6/5- Only one logging of much-wanted KTVO-560 Mo. @ 5:05. 6/6- WKOA-1460 Ky. s/off @ 5:14pm. 6/8- Strange CK to the S were noted after SSS. CMCD-760 was in good v/who WJR @ 941-9:32pm in SB giving tune & time checks every minute. Also two SS on 770- both playing LA mx - & one on 750 that went unIDed. Later that night, WYU-1550 was heard w/test w/mx (c/w) @ 11:29-11:52pm for report. That was Station #600. Latest veries from KPCR-1530 & KJUI-1966, both v/l. Total at 160. I got a list of all the Cardinals BB Network stations from the Front Office - I'm passing it on to you, listed by frequency. Quite a wide coverage including some 84 stations in 11 states! That's about all from here - have fun over the Summer, & 73s.

Ernest R. Cooper - 138 East 21 Street - Brooklyn, New York - 11226

One v/l in, from KFWA-990 for SSS reception in January, no f/up, and these PP's in: WCWR-1470 plus r/g, WGNU-1350; WTVH-1250; WVMX-1520; WBCB-810; WTVJ-1570; WRAA-1330; WDOQ-1470 & KPCN-730 who added to the card: "I guess it's possible." (I included two word-for-word IDs plus many c/w selections in about 25 minutes of copy! I think he means it might be possible he got out that far!) Some DX accomplished here for a change, viz: MM 6/5- Unn TGI-880 good signal @ 12:16 on RS & in the clear. R. Barbados-740, also unm, in easily @ 12:27am. 12:28, EE hymns mx on 730, Trinidad? Then, R. Colosal-1170, AJDP, finally in w/loggable signal & copied 12:33-12:55am s/on of WWVA's carrier. Weakie in EE on 1200 @ 12:53 w/Sentimental Journey, seemed too weak for WOAI - & I sorta doubt Sierra Leone, but who? Feded awat by 1:03. The ETer on 1570 turned out to be unm WBUK, most of AM, after a bad fire at their XR. Then, my best domestic graveyarder in a long while in brand new WMBU-1490, the 100-watter in Thurmont, Md. heard in/out w/WOL/WMAE/WWZ ET w/c/v mx & bagging for phone calls, so I finally broke down & called 'em & really surprised them! They said they'd start RS on 6/12. MM 6/12- I must be the last guy in the NRC to log finally WTVN-1550, who was heard on an ET/mx 11:00-1:15 u/CBE, & I probably would have missed them had CBE not been carrying the late-UN session/ the whole CBC net of AMs. Many other USA stations had it, too, 1ike WAZL-1490, WNEB-1230, WCAU-1210, KUP-606, WBBN-620, WTOP-1500, etc. Some dropped out at the recess around 1:20 EST; others stayed to the end. The ETer on 1500 was WJBK who announced they are 50kw. days & 1kw. nights! A very strong Cuban signal on 770 w/the CMQ mx program noted. And so, we go on vacation, to good old Cape Cod for two weeks. I hope everyone has a wonderful Summer, and that you'll consider sending us some musings for the July & August issues - and also, don't forget to support Randy Kane's fine efforts; and those of Gordie, too. And, thanks to so many of you who have been so kind as to send me those fine postcards - they are much appreciated! And, thanks to Stan Moras for the live turtle he sent me via special delivery! 73.
DOMESTIC DX DIGEST
June 17, 1967

(After Hours: Midnight to sunrise DX)

Was off SM 6/4 @ 23:00, intermittent TT, OC, etc. until 23:16. Got WIOD S9 plus 20! (Dave Schmidt, Chester, Pa.)

(Sunrise and daytime DX)

1000 WIQT-N.Y. Horseheads, 1,000 w-D, now on RS. First noted 5/27. (Herb Campbell, Athens, Pa.)

(Sunset and evening DX until midnight)

730 KRCD-Oreg. Heard 5/3 22:00-22:30 s/off. (D. Gene Mattocks, Marysville, Calif.)
Heard 5/10 22:04-22:15 s/off. (Mattocks, Cal.)
Heard fair 5/7 22:00-22:30 s/off after KIBE-Cal. s/off. (Mattocks, Cal.)

590 KIHO-Cal. S/off 19:30 daily. (Tom Hartloff, Nyack, N.Y.)
5/off 17:00 EST, on again 18:30. (Hartloff, N.Y.)
Assume that's the time WAWZ's on. (rk)

(Schedules)

590 KIHO-Cal. S/on 07:45; present (May) s/off 22:00. (Mattocks)

News from Cindy's Antenna Farm and Conception Center
We're willing to concede that the hull in reports here is at least partially due to the psychedelic aurora we viewed at Londonderry, N.H., Showplace of Modern DXing... or maybe it was the hallucinatory high-speed bullets?

Thassit... Good DXing!

OUR DONKEY SOFTBALL
TEAM WANTS YOU!!

73, randy

Bill Alisauskas informs us at deadline that the Allagash, now at Guantanamo Bay, is headed back to Newport, R.I. for the 7/4 holiday. Good luck, Bill! (rk)

Y.E. PUB...

Still is sans auto, with the repair shop taking the usual Massachusetts amount of time to get the job done.

Bob Karchnovski and I are doing a little apartment hunting, and should have a big enough den by the time next issue rolls around to enable us to host the 1968 version of the Boston Area get-together. I am very sorry to have missed the Cincinnati Smash... and the NRRC conclave this weekend... but there's always next year (said the Flatbush Flash)

SUNRISE-SUNSET MAPS...

Just before deadline, I received my copy from Ernie Weselowski, and allow me to recommend them highly. Ernie has done an excellent job of graphically outlining the SR-SS situation, in the handiest possible form, and I would suggest that domestic DX'er plan on purchasing said maps from the young veteran DX'er. They cost $1.00 via third class, $1.10 first class, and are available from Ernie Weselowski, 1416 Pasadena Avenue, Omaha, Nebraska, 68107. In view of the cramped situation my time clock is in, chances of my completing either SR-SS project in the near future are nil. -- JAC
DX conditions have definitely recovered somewhat during the past two weeks. Here in the Northeast, European TA's are in their usual midsummer slump; South and Central America have been quite good during the last week, however. Denzenfield, Pa. reports "Never had much success this time of year but so far have heard nothing out of the ordinary. However, even I say that things should pick up after the summer solstice, two weeks from now. I had hoped for maybe, Nigeria, what with the crisis down there, but not a peep. Only a handful of TA's being heard here, most very poor. Did notice a hit on 599 on 6/5 at 2250, possibly from the RAI station now AN and parallel 645. Might have had a weak signal on 1288 the other evening at 2230, but no way of knowing if it was SABC. 1538 German strong on 6/5, and must be on very high power. Static hasn't become impossible, yet, but the reception conditions seem to remain close to poor. For me, these are the doldrums, and I'm locking ahead to July and August." Reynolds, in California, reports, "Noise bad with signals generally weak but with a few happy exceptions."

On Reciprocal Paths. The Zedders report improved conditions with quite a few Asian, North and South American receptions reported in the latest NZDX, including; KBAL @ 0600; KEOL @ 0630; CEKW @ 0700; KMDN @ 0700; KPOF @ 0700; KXEN @ 0600; KATR @ 0600; CFCD @ 0600; KNJ @ 0300; KJAX @ 0700; CEWX @ 0700; KJAX @ 0630; KOL @ 0600; KXEC @ 0630; WAAY @ 0642; and KIAK @ 0632.

Don Kenny of California contributes the following list of TP tips for West Coast DX's for the summer period. Judging from the above times that they hear our stations, best times for the TP's would seem to be 0300-0700 or so.

- DU's actually had during June, July and August:
  - 660 2Y0 Wellington, N.Z.
  - 700 2NR Crafton, New South Wales
  - 750 4QS Townscomb, Queensland
  - 780 4YA Dunedin, N.Z.
  - 820 2GL Glenn Innes, New South Wales
  - 840 4RK Rockhampton, Queensland
  - 850 2CY Canberra, A.C.T.
  - 880 1CY Auckland, N.Z.
  - 890 5AN Adelaide, South Australia
  - 1020 2CO Nuka Alofa, Tonga

Others worth looking for:
- 650 4QN Townsville, Queensland
- 770 3LO Melbourne, Victoria
- 790 4GR Brisbane, Queensland
- 820 4ZA Invercargill, N.Z.
- 1000 1ZD Tauranga, N.Z.
- 1420 2AP Apia, Samoa
- 1510 2NA Newcastle, New South Wales
- 1550 4QF Emerald, Queensland

Don adds, "These DU's aren't often very strong, and it often takes an hour of listening to get 2 minutes total of vaguely readable audio."

**MONITOR REPORTS**

The Editor calls your attention to a PARAGUAYAN on 625!

540 Dominican Republic, R. ABC usually here with KBWA, (Brubaker, Fla.)

**638 Nigeria. The NBC's current sked lists a new 5 kw sta at Benin. S/on 0000, s/off 1600 weekdays, 1800 Saturday. Is listed as the Midwest Regional Program, but has been hard on SW relaying news from National Program. Regarding IDKD comment on the 1358 Ifadan outlet, there is no reason why a transmitter carrying the West Program could not also carry the National Service transmissions; Ifadan-1358 is still listed as West Regional Program in their current schedule, but of course everything is now subject to change in this country. (Stambury, Ont.)

640 Panama, HOK, Colon hasn't QSL'd after 2 months. This one usually in after HJBH s/off at 0000. HOK has weak signal, and is AN. They play US R&R and ask for requests. Usually woman announcer in accented EE. (Brubaker, Fla.)
**June 17, 1967**

650 **Venezuela/Dominican Republic.** YVNC hrd here w/fair signal on 56/6 fading in and out w/HIAT. Both reported. (Brubaker, Fla.)

700 **Nicaragua.** XNCS noted on 6/10 w/fair signal. (Brubaker, Fla.)

720 **Panama.** Who is this? HOB50? Hrd them on 6/12 w/ID as Radio Republica in Panama but not city mentioned. Fingers crossed as I reported to HOB50. (Brubaker, Fla.)

730 **Trinidad.** WPN here w/morning prayer on 6/12 at 0427. (Brubaker, Fla.)

740 **Venezuela.** YVNC, good signal on 4/24 at 0359. (Brubaker, Fla.) YVNC, R. Mundo changed name to Radio Maracalibo; hrd w/new name since middle May. (Objio, D.R.)

750 **Colombia, Medellin, HJDK.** La Voz de Antiquila hrd w/very good signal at 23330 6/8. Clear ID and enjoyable pgm w/very light WSB QRM underneath. Very good volume. (Reynolds, Calif.)

770 **Canal Zone.** Southern Cross Network was hrd and reported 3/27 w/WFUN off. No verie after 3 mo so f/up sent; hrd only 5 minutes 0303-0309 w/very readable signal until WQXT/WTAR overpowered them. Has anyone QSL’ed them yet? (Brubaker, Fla.) Yah, Bill, they've QSL’ed within the last 6 months, though a f/up was needed. There's something funny about this station, methinks; we've spent better than 300 hours of time on MN's on this freq w/no results at all. Either they're not 5 kw or they're not on MN or we're in their antenna null. (Ed)

830 **Australia.** Gdn, Geraldton became my first stn from W. Australia when hrd at 0622 MM 5/29 which was a very erratic time for IX. Signals were weak and QRM was strong. Pgm was old standard pop records w/woman announcer; followed by a man w/market reports. If power is only 2 kw, this is my best DH! (Reynolds, Calif.)

840 **Colombia.** Santa Marta, HJTN, "Undas del Caribe" hrd very well near 2300 on 6/8. Perfect readability but occasional complete f/outs. No QRM. (Reynolds, Calif.)

895 **Paraguay.** ZP7. R. Guaraní, Asunción very good mostly, though fades at times; plenty of time checks and ID's, light music. 0405-0421 on 6/12! taped for report. (Silva, Jamaica)

1000 **Mexico.** XEYX, R. MIL hrd well above KOHT 2315 6/8 w/pop US mx. Many others Mexicans coming very well at this time. (Reynolds, Calif.)

1020 **Dominican Republic.** R. Commercial always hrd hrr w/very good signals. (Brubaker)

1130 **Colombia/Unid SS.** HJAC w/SS mx at 2345 on 5/25 w/elaborate s/off announcements and National Anthem 2357. Off at 0000:30 5/26. Hrd very weak SS stn also s/off w/anthem after HJAC carrier off. Undid off at 0002; looped SA. Any suggestions? Was rewriting tape of HJAC at the time so no tape of undid, dump it! All this during heavy auroral conditions, 1130 completely clear of US stns. (Starr, C.)

1209 **Chile.** CB14, "R. Corporation" jrd MM 5/29 at 0517 s/on w/weak signals and very fast fade. No report yet. CB12B and CB76 also hrd at 0530 but too weak for copy. (Silva, Jamaica)

1150 **Mexico.** XEYX hrd neck and neck w/local KRKD at 2340 6/8 for a real battle. (Reynolds, Calif.)

1395 **Colombia.** HJTJ, L.V. Cereta, hrd here announcing 1390. Hrd on 5/26, this is a move from nominal 1400. (Objio, D.R.)

1420 **Colombia.** CARACOL network here often w/fair-good signals. Who? HJAP ex-1430? Hrd s/off on 6/14 at 0030. Sent report to HJAP but returned to me as undeliverable. (Brubaker, Fla.)

1490 **Dominican Republic.** HLAN, R. Escobedo, La Voz de la Allegria, Santo Domingo, changed name to only R. Sensacional. (Objio, D.R.)

**VERIFICATIONS.**

650 **SOUTH VIETNAM.** VTVN, Hve sent nice QSL card w/definite confirmation of my 11/21 reception for which I sent tentative report. They were actually hrd a little higher in freq; a highly prized veri for my 63rd country. Official rubber stamp but no signer. (Reynolds, Calif.)

55 **EL SALVADOR.** ISS Radiodifusora Nacional de El Salvador sent good letter air mail, special delivery, registered. Had to sign three forms before the mailman would give it to me. Mailed 5/2, arrived the evening of 5/3. How's that for service? Letter says my report was read on their "Reportes Del Mundo" pgm and a portion of my tape was broadcast. Sig: Alfredo Parada H. Director. QTH: 2a Ave., Sur No. 113. (Starr, Ohio)
COLOMBIA. HJHN, bucaramanga, R. Atalaya. Fine letter on Todelan. Circuito Radial Santandereano letterhead from Gustavo Serrano Fernandez, Gerente. Says he was sorry for the delay, but says my report and tape were temporarily misplaced "pr error de secretaria." Things must be the same w/secretaries all over the world, hi. F/up was sent on 5/28, letter is dated 5/30, arrived here registered on 6/1. That's a lot faster than much of the domestic mail! Air Mail forever! QTH: Calle 35 No. 21-81. For tape of 2/12/67. (Starr, Ohio)

TONGA. ZCO sent nice blue and red on ivory card w/definite QSL for 4/5 reception signed by H. Holmes-Ibbitis, Station Engineer. Very prompt reply gives power as 10 kw. (Reynolds, Calif.)

St. MAARTIN. PJD2, nice v/q from Robert A Mayer along w/the usual assortment of pamphlets, etc. For 2100 tape on 2/9. Just recently discovered that a pgm which is broadcast live here on WHOT is broadcast on PJD2 from tapes two Sundays later on PJD2 at 0930. Ya learn something new every day. (Starr, Ohio)

GUANTANAMO BAY. Very friendly prompt v/l after only 1 week for a new country. Says that is using a Gates BC 1G 1000 watt xmitter feeding a 190 ft antenna for AM. Also a Gates 50 watt FM stn along w/a 100 watt channel 8 TV station. AM is AN 24, 7 days a week. Are using a new xmitter and tower as Continental 1kw was destroyed by hurricane Inez. Hrd on 6/5 for a total of about 45 minutes. V/s was A.L. Brandenburg, Chief Engineer, AFRTS. (Brubaker, Fla.)

More of the Incredibly Ubiquitous Plot is revealed according to the following tightly reasoned contribution from C. M. Stanbury II:

"During the past few months a series of rapid fire and surprising revelations have been made concerning the VOA. Not all of these events are necessarily connected but most probably fit into some sort of overall pattern. Items are listed here roughly in the order in which they were made public.

(1) The VQA's 760 kc Vietnam station again appeared in their official frequency list. But according to both press and SWL (NASWA) sources, this outlet had not been silent and in fact had broadcast every day since it first went on the air in the fall of 1964. For some reason, the official list does not show this station's power.

(2) The Voice of America announced that it would no longer QSL reports from the United States.

(3) As detailed in the July ELECTRONICS ILLUSTRATED, the VQA has secretly removed its portable 50 kw EBC station from Marathon, Florida, probably for use in Botswana by the British against Rhodesia. In a letter to EI, partially quoted in "The Listener" column, they freely detailed the movement of all their portable equipment except the high powered EBC unit (which includes incidentally two portable towers of normal Broadcast Band transmitting height). They freely admitted moving in the fall of 1965 the portable studio from Liberia to Vietnam. Thus it seems that whatever secrecy surrounds the Vietnam operation does not involve portable equipment - unless VQA Vietnam is much more of a clandestine operation than anyone realizes.

(4) Also as detailed in the July EI the 10 kw SVEC XMTR relaying the EBC in Botswana may be the original SW Blue Eagle (previously described by several U.S. govt. sources as airborne). One of the frequencies used by BBC Botswana is 7295 on which NASWA Publisher Stewart R. MacKenzie is hearing an unlisted VQA station, apparently in Africa. The Voice of America of course leases EBC facilities at Wooferton, England.

(5) Robert Chancellor has resigned as head of the VQA. He has been replaced by well known TV personality John (sic) Charles Daly. According to Leonard Marks, head of the U.S. Information Agency, (as quoted by AP) "Chancellor is returning to the National Broadcasting Co. as a national affairs correspondent at considerably increased salary". Again according to AP Daly noted his new job involves "a substantially reduced salary".

It is difficult to draw any hard and fast conclusion regarding these events except that the secret withdrawal of the portable equipment from Marathon (it has been replaced with a permanent facility) clearly indicates that the Voice of America
has to an extent become involved in clandestine activities and this seems to indicate a definite change in VOA policy. END"

REGARDING RADIO LIBERTAD
by G.P. Nelson

One of the most difficult problems that the North American DX community has encountered is posed by the clandestine Spanish language station calling itself "Radio Libertad, La Voz Anticomunista de America". While this station is most often heard on 7305V and 9297V, it announces frequencies also in the 19, 25 and 49 meter bands in addition to the EBC frequency of 1400 kcs. Libertad announces Post Office Boxes in Miami and Caracas for reception reports, and, while they are good verifiers, have never given the slightest hint about the actual transmitter location or station ownership. The programming which is strongly pro-American, seems to be primarily for listeners in Venezuela as indicated by news emphasis, etc. Unlike Radio Swan/Americas, which has been quite open about the transmitter location - to the extent of providing aerial photographs of the Swan Island site - Radio Libertad has been kept under rather remarkably tight security wraps for better than two years.

We have recently put into operation a new direction finding installation which is capable of high precision operation on both SW and MW frequencies. Unlike the common cosine-mode magnetic dipole DF antenna, this new array, called the Adcock "H" antenna, is substantially free of the polarization-induced errors which render loops ineffective on higher frequencies. This particular design consists of a pair of dipoles aligned in a vertical plane, and separated by a distance of about 20 feet. The installation weighs several hundred pounds, and the entire affair - dipoles, 20' support beam, receiving gear, and operator - rotates about a central pivot point; in this case a piece of telephone pole partially buried in the ground. In order to avoid DF distortions produced by reradiation, etc., the equipment is entirely battery operated and the site is located several hundred feet from the nearest power lines and man-made structures. Considerable attention was paid to electrical balance during the design and construction of this antenna, and reciprocal asymmetry has proven to be considerably less than 1/2 degree. Standard Wave Error (as calculated from system constants) is less than 8 degrees under the worst of conditions.

Radio Libertad was one of the first stations investigated with this new equipment. Based on initial great circle bearings calculated by means of spherical trigonometry on an electronic computer (for our New Hampshire DF site), we have obtained the following results:

Mean bearing for 30 good measurements on the 31 and 41 meter outlets is 168.1 degrees; total error bracket, equal to the sum of the possible calibration error plus the uncertainty corresponding to the 95% confidence level for the measurement distribution, is ± 6.1 degrees. The mean bearing determination is less than 0.1 degree from that for San Juan, Puerto Rico; mean bearing intersects the coast of South America midway between Caracas and Carupano, Venezuela. Lowest possible bearing passes through Saba and Port-of-Spain, Trinidad. Highest possible bearing passes through La Romana, D.R., and Valencia, Venezuela. Libertad may be located anywhere within this sector, but bearings nearest the mean are naturally most likely. This measurement narrows the possible location of Libertad to: Puerto Rico, Virgin Islands (US and UK), Saba, Trinidad, Bonaire, and Venezuela from Valencia to Isla Mariusa. Exten ded into Deep South America, the sector includes regions in Argentina (including Buenos Aires), Paraguay, and Uruguay (including Montevideo). Definitely excluded on the basis of these measurements are: Mainland US, Guantanamo, Haiti, Jamaica, Swan Island, Central America, and Mexico. We expect to narrow the error bracket as our calibration and technique improve.

The only reported reception of Libertad's MW outlet was on 1406 kcs in March of 1965; this was from a NNRC DX'er in Bayamon, Puerto Rico. We would like to thank NNC's Tom Holmes and Randy Kane for their invaluable assistance in this project. -30-