

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

# DX News

OFFICIAL PUBLICATION OF THE  
NATIONAL RADIO CLUB



VOLUME 39

OCTOBER 2, 1971

NUMBER

\*\*\*\*\* Beginning our 39th year of service to the DX hobby! \*\*\*\*\*

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## NEW NRC MEMBERS THIS WEEK:

- |                                   |                                    |
|-----------------------------------|------------------------------------|
| *Glenn Hobbs, San Jose, Ca.       | *R. J. McGuire, Everett, Mass.     |
| *James LeGros, Toledo, O.         | *Peter Angritt, San Antonio, Texas |
| *Pierre Tremblay, Quebec          | *Michael Daniels, Webster Gr., Mo. |
| *Kenneth Roberts, Salineville, O. | *R. J. Brown, Albuquerque, N.M.    |
| *John Houghton, Scarborough, Ont. | *Edward Dohnal, Chicago, Ill.      |
| *Jim Wallace, Olmsted Falls, O.   | *Cary Simpson, Tyrone, Pa.         |

Welcome to the NRC, people, we hope to be reading of your DXploits often here in DX NEWS. Why not introduce yourself in a Musing?

## GPN QUILTS IRMA AVENUE FINALLY!

Effective immediately, Gordon Nelson's address is changed to 48 Hardy Avenue, Watertown, Mass., 02172. We're located about a mile from our old location in a large house on the very top of the highest hill in Watertown; with Randy Kane occupying one of the apartments and Big George Kelley down the street, we've got the entire composition crew for DX NEWS within a few blocks. The telephone remains unchanged...

## SCHEDULE FOR VOLUME 39...

Next issue is dated 10/16, then weekly thereafter except for skips after 11/27 for Thanksgiving and after 12/25 for Christmas; we go off our weekly schedule after Easter: 4/29, 5/13, 6/3, 6/24, 7/22, 8/26, & 9/16. Copy due at HQ in Watertown on the Saturday before the masthead date!



RENEWALS THIS ISSUE...

Gleason... Lockwood... Hill... Objio... Pinckney... Sherman...  
Walsh... Feinstein... Johnson... Pietsch... Karchevski... Ritayik...  
Macken... Kerfoot... Bundy... Cooper... Clark... Lamotte...

NOTES FROM HQ...

Held over until next issue for want of space this issue: Conclusion of GPN's Auroral Article... Latest Honduras List from Cesar Objio plus several articles on Latin topics... The Convention Report, plus pix... A report on the odd auroral disturbance of 9/17-19 by Page Taylor and Russ Edmunds... A new Foreign Contest by Clarence Freeman... and much more! **Special thanks to Cary Pall for doing last minute retyping plus other essential HQ tasks...** We hope to be featuring the new Q & A column "DXtras" next issue; latest word from DiRicco and Lawrence is that they will be alternating every other week with an East and West Coast edition... **FOR SALE:** Drake SW4A with manual, mint condition, \$200 or best offer; write Andre Kennedy, 408-25 Bedford Rd., Toronto 180... According to the discussion at the Convention there is still quite a bit of desire to change the time zone conventions here in DX NEWS; now that we've had a year to try GMT plus ELT, we'll have a final referendum next issue... Captain Glotz is coming... Response from the reprint list run last issue is extremely heavy; there's a real goldmine of information there and more coming here in DX NEWS every issue... The HQ crew, back from the Convention will testify to the following controversial points: Don Kasky can DX; there is a new Ron Schatz; the density of Don Erickson is less than that of water; Frank Kennedy is very gullible; Jay Murley has some pretty funny ideas; Peter V. Taylor does not exist... **A full report next time!**

HELP WANTED!!!

Ernie Wesolowski needs some volunteers to help redraw patterns for the Incredible Pattern Book project. **If you are interested in helping please contact Ernie right away; his address is in a Musing this issue.** The more help we get with this project the quicker it will be completed... Interest in the Pattern Book is running very high; we have already received more reservations for it than for the Log projects. In response to questions, it will contain a ground conductivity map. \*\*\*\*\* The second project is a **new one recently evolved at HQ.** Because so many stations refuse to schedule DX Specials far enough in advance to guarantee that all of our members will get adequate notification in DX NEWS, we are going to set up a **FLASH ALERT SERVICE.** The idea will be for a couple of members who live close together, preferably in the Central part of the country, to act as central coordinator for last minute Special information. **Any member who wishes to be alerted in the event of a last minute FLASH for a test which probably won't make it into DX NEWS in time will have sent a number of preaddressed postcards to the coordinator; the coordinator will then jot down a quick note on each person's card and mail it out immediately.** To make sure we have complete coverage for this service we'd like to have two NRC'ers to work on this project so that vacations, etc., won't interfere. **The coordinator(s) will be in telephonic contact with Starr, NRC HQ, etc.; HQ will pick up the phone tab if necessary.** **If you'd like to be of great service to the Club please contact HQ right away...**

DX CALENDAR

		kc/s		Watts	A.M., E.S.T.	
Mon. Oct. 11	W D V L	1270	Vineland, New Jersey	500	12:01 - 12:45	NRC
Mon. Oct. 25	W A M B	1190	Donelson, Tennessee	250	1:05 -	IRCA
Mon. Nov. 1	W A M B	1190	Donelson, Tennessee	250	1:05 -	IRCA
Fri. Nov. 26	W Y R E	810	Annapolis, Maryland	250	12:15 - 1:00	VDXA
Sat. Nov. 27	K W Y S	920	West Yellowstone, Mont.	1,000	3:45 - 4:00	IRCA

(all above taken from current IRCA "DX Monitor" as our DX NEWS of 9/11/71 has mysteriously not been received by any of the Brooklyn contingent!)

WDVL - Date could be 10/3 or 10/4, or 10/10 - vaguely worded, says IRCA. Reports go to Mr. Joseph Fitzgerald, c/o F.E.S. Communications Co., 2046 Mercy St., Philadelphia, Pennsylvania - 19145.

WAIN-1270, Columbia, Ky. 42728, had a one-hour TEST for IRCA on MM October 4, 1:00-2:00 a.m., E.D.T., with MoR music and voice IDs. If you heard them, reports go to Mr. Edwin R. Cundiff, C.E., WAIN, East Highway #206.

HEARD SINCE LAST ISSUE

580	W H P	New night pattern	1440	W R B E	Ex-WHHT
1110	W G R G	Pittsfield, Massachusetts		W B J W	Ex-WAER
1130	K B M R	Ex-1350 kc/s.	1470	K L C L	Ex-KPLC (IRCA)
1240	W S E W	Now 1,000/250 U-1	1500	W K X O	Berea, Ky. (IRCA)
1410	W I Z M	Ex-WKCH			

"AN" SITUATION

ONS- 680	W I N R	rr, SPU	1350	K K A M	AN-6 (off MM 1-7a.m.)
1230	W K B O	SPU	1560	W D X R	SPU
		OFF - 630	C K R C		(Tuesday AMs only)

See elsewhere in DX NEWS for deadlines for next issue. We hope you will take an active part in your favorite section or sections this season - write in to the various editors and support his column! Make DX NEWS that much more exciting!

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

A nice v/q in EE came from R. Rumbos-570, and a v/r from WARV-1590. Some DX; not too much, though: Wed. 8/11- I noted Montreal BB in FF on CKLM-1570 CP1V-1370 CISM-1220, & somebody on 1450, @ 1:30am. UnID TTer fooling around on 1550 @ 1:32 to past 2, no IDs. Weak HI show on 960, likely needed WFIR. A very modern version of the SSB noted on 1380 @ 2:07, who? MM 8/23- Three locals off today - WABC-770 WNJR-1430 WRRL-1600, but too noisy to DX, drat. 8/26- In PM WMIM-1590, Mount Carmel, Pa. in/out w/WTEY/WEEZ @ 8:36-7:13, but not enough for a report. MM 8/30- Unn WMPT-1450 s/off @ 1:44am. WTXL-1490, also unnn, ANing and topping this channel. WBT-1110 off and a fine log gotten on R. Carupano, which was ANing w/a good signal. (YVQT). Somebody TTING o/WBSM-1420 @ 3:05am, unnn. I spent an August week in Kiskatom, N.Y. (near WKCL-Land) & noted needed WQEK-1300 w/MoR on RS (ex-WEEE, c/w). On the way up, no sign of WKQW-1300 which had been silent for over a year, but on the way down, there they were (on 8/21) w/MoR. 9/3- I tuned SSS and noted WERI-1230 on top around 6:30pm, so I flew to 1590 to see if R.I. was in there, too - and they were, as WARV was in/out w/WTEY/WEEZ, & no WMIM this time, and a nice log on him and I now need only two R.I.s to complete that huge state - WKFD-1370 and WSPV-1450, MM 9/20- WBAY-1360 noted atop @ 1:30, and CKFH-1430 back ANing w/rr. WRAN-1510 ETing @ 1:40 o/u WLAC. WHAS-850 was also ETing @ 2:31. UnID TTer on 1260 @ 2:08-2:13 & on, u/WNDR. 9/21- Finally, I got copy on WVLC-1170, 6:38-6:43pm u/WHLW and o/WVLE w/no WWVA in yet. I noted unnn WQVA-1530 s/off about two-three minutes ahead of time, which opens up their frequency for a shortie on WOBR, which is signing off @ 7:15 this month - but not enough yet on this 'un. I spent a couple of weeks on Cape Cod, and took a big HalliCrafters 1955 "portable" (if you're built like Haystacks Calhoun, that is, hi) WVLC doesn't begin to come in till you're almost to Orleans, but then they do well to Provincetown. I noted WMID-1340 real strong u/WNBH, semi-local days, and a surprisingly strong signal from WING-1600, Sag Harbor, L.I. u/WUNR. C U N ?.



# MUSINGS



Use a Good  
Antenna for Best Results

BEN DANGERFIELD - 202 Governor's Drive - Wallingford, Pennsylvania - 19086

In my previous Musing I rambled on about what I heard in the European lowland countries in July. Now, having no new DX to report, I might as well describe my reception from Finland in the last 12 days of July, with nothing but a small transistor set. First, daytime reception. Helsinki has two locals, on 557 & 1412k, the latter with Swedish programs. At Helsinki, Tallinn-1034 is equal to the locals in signal, & Tallinn-710 is almost as good. Tallinn-1511 and 1214 are a little weaker. Other Estonians heard days are on 1331 & 1586k. The best Russian during the day from Helsinki is Leningrad-1124, followed by Leningrad-800 & 1493. From Latvia, Riga-1142 is heard, and Riga-575. From Lithuania, Vilnius-665 and Kaliningrad-1115 is audible. Surprisingly, Sweden is very weak at Helsinki (days), and Turku-962 is only fair. Moving to the Russian border, only Leningrad seems to make it, especially the outlet on 548. Helsinki-557 is practically inaudible, and in the Eastern part of Finland, listeners rely on the FM and LW stations. This was also true in Lapland at the Arctic Circle, where almost nothing but FM is used. I heard Vaasa-1241 @ 10am, but very weakly. I also DXed from Aland, a Finnish island holding independent status, located off the coast of Sweden. There, as you might expect, Turku-962 & Stockholm-773 are very good, but the strongest daytimer is Riga-575. Also heard was East Berlin-611, Leningrad-548, and some Estonians. Helsinki-557 very weak at Aland. At night the dial is covered with Russians and East Europeans everywhere in Finland, & 1525k is constantly jammed by Russia, so it must be the Chinese propaganda station as reported. In Lapland, I heard many Polish stations, and a very strong Russian on 1043, but I also heard R. Nordsee. At Helsinki, Rumania-755 is so strong there is no trace of the Finnish station. BBC stations are not too good, but most Germans are, & AFN-935, Berlin, was heard one night. 73.

"BOB" - Box 114 - Truk, Caroline Islands - 96942

Greetings from the Pacific! On my Musing of DX NEWS #30, there was one error, probably because I didn't double-space. ZXK-545 Hong Kong should read ZXK-955 Burma. Since my last Musing a local walter pump developed defective brushes and sends out S-9-plus signals which nearly drove me up a coconut tree. My DX life was really miserable until I purchased the noise-blanker for my SPR-4. I've added a Space Magnet to my shack. I used it as a decoration for a few weeks as it didn't seem very effective next to my longwire. However after a fruitful and informative correspondence with Dr. Richard Wood, I did some experimenting and found that by moving across the room the SM began to act as advertised. I am now enjoying U.S. DX much more as I am able to loop out much of the JJ QRM. Highlights of the past couple of weeks include on 8/9- RJB-800 @ 4:20 (all times are AM, EDT) in Port, Country #43 and most distant station logged @ 9,343 miles (previous record, Libya-1124 @ 8,546 miles). 8/12- I finally placed in logbook Cambridge-918, //4907 @ 11:35 & s/off @ 11:57, only #44. 8/18- KOMA-1520 @ 6:25, KRLA-1110 @ 6:36. 8/19- KJNP-1170 Alaska country #45 & state #10, s/off @ 5:07. 8/21- KFAB-1110 @ 4:32u/KRLA for State #11. 8/22- KXEL-1540 u/KPOL @ 4:45 for State #12. Other stations logged for the first time are KRLD-1080 KPOL-1540 KGER-1360 KFBK-1530 KLIV-1590 KDON-1460 KXJJ-1080 KUDU-1590 KPMC-1560 KYXI-1520 & KLO-1430, the most distant 5kw-er @ 6,190 miles. 9MD-860, Medan, New Guinea, seems very strong here. There may be some chance of this station reaching the WC. If anyone has difficulty hearing WSZC-1500 recently, it may be because they are operating on 250w. Veries in from Tonga & AFRS-Kwajalein. 73s & best of DX.

ERNEST J. WESOLOWSKI - 1416 Pasadena Avenue - Omaha, Nebraska - 68107

■ few more veries arrived at this den since last month. WIZM-1410 in La Crosse, Wis., ex-WKEH. They are heard nightly here. Now to the hoodies: KRIG-1410 Odessa, Tex. verified my 1960 report. WSBP-1580 in Chhatta-hoochee, Fla. for a 12/21/64 report. Get this - KZUM-1280, now KRZE, in Farming-

ton, N.M., after 12 years. Then finally, KIRL-1070, now KFDI, in Wichita, for 5 my '61 logging - even a KIRL letterhead to boot! The AN DJ once worked at KOOO-1420 in Omaha & I knew him. V/s elsewhere. If anyone can help me get veries out of WFFP-1450 Park Falls, Wis., KPON-1580 Anderson, Cal., or WMIC-1590 St. Helena, Mich., please write. Cities no longer have stations there. The IRCA Convention was well in attendance by about 60 members in Toledo, O. For those who wrote about the proposed CMB (Coverage Map Book) it will be 1972 before it becomes available. If anyone cares to help in drawing the patterns, please write. We would like to have about eight volunteers to re-draw ten pages each. Supplies will be provided by NRC. Original maps will be about 18"x24" showing state lines & international boundaries, time zones and small dots for major cities. Magic markers will be used. Our printer will print the maps on legal size paper & the book will be bound like the NRC Log. Thanks. 73s.

JOHN W. BASEHORE - 603 Shepherdstown Road - Mechanicsburg, Pennsylvania - 17055

I doubt if this will make the August deadline, but I will give it a try anyway. WHP-580, Harrisburg, Pa. is testing new antennas on their six tower array. I am trying to find out what the changes are. They are now poor at my location at night w/WCHS, Charleston, W. Va. giving them a hard time. WSEW-1240, Selinsgrove, Pa. is now operating 1kw daytime & now is a regular here over the former dominant WJEJ, Hagerstown, Md. WFBG, Altoona, Pa. a regular here now, has a CP for non-directional daytime operation. Watch for them. DX is still suffering from Summer doldrums. Still another AN now on, WKBO-1230 Harrisburg, & changed format to rr from MoR. Early evening 8/19 brought WTRN-1340 Tyrone, Pa. on top, WPHB-1260, Phillipsburg, Pa. I&C to s/off, WHJB-620 Greensburg, Pa. I&C. Also, WGBI-910 o/semi-local WSBA York. WLIK-980 Wilkes-Barre o/usual dominant WRC Washington, WJAS smashing through from Pittsburgh way o/WDET-1320, Gettysburg Pa. WWHO Hornell, N.Y. is also giving WGET fits early mornings here lately. Where's WICO, Salisbury, Md. on this frequency? I have never heard them here. I have heard WETT-1590 Ocean City, Md. frequently though, nights, in spite of their alleged poor coverage.

FRANK SMITH - 170 Chapman Street - Greenfield, Massachusetts - 01301

Well, in two weeks, I'll be back at the U. of Mass. for another year. This year I'm taking my HQ-140X back with me so I'll have a chance at all those DX Specials that I missed last year. Since the last time I Mused last Spring, I've added an SM-1 loop and just a couple of days ago, a Drake SPR-4. DX with the Hammarlund and the loop has not been spectacular. I added about 40 stations all in the NE. The only one of note was HJED-820 Colombia. I caught an ID as in the LA Log on 6/7 @ 3:02am. This was country #9. The SPR-4, however, promises to be a real hot runner. I've only had a day or two to play with it, but last night, 8/26, it pulled in R. Belize-834 @ 1am clear as a bell. They had NX on the hour, followed by an end-of-the-day prayer. Then ID, followed by an anthem I didn't recognize, then GSQ. Carrier went off @ 1:09. This was country #10. Too bad I don't dare take the SPR-4 back to U. of Mass. with me. By way of comparison, the SPR-4 compares favorably with the SP-600s & R-390s I worked with in the Navy. Although it must be remembered that those RXes were maintained by Navy electronics techs like me, so that may have had something to do with their performance! Get to cut this off now - good DX to all.

MORRIS SORESENSEN - Box 245 - Bala, Ontario

One DX catch I forgot to mention last time was WCEN-1150 Mount Clemens, Mich. heard u/CKOC @ 11:18pm s/off back in May. Only new catches since my last report have been WKRL-1300 (ex-WMMJ) logged 7/27 @ 8:59pm s/off; WFLI-1070 Lookout Mountain, Tenn. on r/c @ 2:16-2:26am tuneout on 7/28 & CJRP-1060 Quebec City, noted for the first time since changing calls from CJLR on 8/11 @ 8:22pm. QSIs have come from: WFLI-1070 CPTP-680 Toronto, ex-CKFI; WIKZ-1360 McKeesport, Pa., WEMP-1250 Milwaukee & WPRO-60 R.I. Totals 612/402. This will be my last report from Bala, at least for quite some time, as I leave for God's Narrows, Man. on 8/29. I hope to have a good BCB season up there, and active! 73.

TONY LAGATTUTA - Box 6291 - Portsmouth, Virginia - 23703

Hi again. If anyone would like a set of plans for a two-tube high gain tuned R.F. amplifier for BCB, write me for a free set. These papers were mimeographed by NRCer John T. Casey in Mass. Much appreciation to him. About six sets are left. A new RX is under construction here and more on that next time. It is battery-operated, nine tubes - two tuned R.F. amps, three I.F. amps with 14 tuned circuits at 260 kc. 12" ferrite rod antenna. More on its construction & progress later. Last month the two boys & myself spent a fine two weeks in Saddle Brook, N.J. & the N.Y.C. area. So many new stations have been built in the 12 years or so of my DXing absence! Most radios bought for home use are transistorized and do not receive as many stations in daytime as older tube models of about 15 years ago. Could this have, in effect, "limited" the range of many old & established stations giving way to many new little stations in areas once served by farther away stations on more sensitive receivers? Now, when I read in latest DX NEWS about the FCC arresting the two young men in Yonkers N.Y. I was heart-broken and angry. I want to say, before all NRC members & whoever may read this, I am 100% for the young men & 100% against the FCC. I hope to have new RX operating by next issue. I spoke on phone to new NRCer, Lawrence Boyd, in Gloucester, Va. Best DX to all.

SCOTT BROCKWAY - 112 North Crescent Drive - Rome, New York - 13440

The past week has seen a total of 12 new station in a new location as I begin college in Johnstown, N.Y. So I guess those welcome additions offset the baddies - i.e. tests and mucho homework. New stations in, using the trusty Zenith Trans-Oceanic DX machine: WICC-600 @ 1:15am (I mislaid some of the details) WGBB-1240 WCSS-1490 WATE-620, a very tentative logging on KMJ-580 @ 12:55 w/Dodgers BB, and also very tentative 40th state, KTAR-620 w/Hi @ 12:45, WKAI-900 w/MoR @ 6:54pm, WBEA-1410 w/rr @ 9:54am, WQBK-1300 w/MoR @ 10:12am. Veries in: WHDH-850 w/a psychedelic day-glo type card that I'd swear glows in the dark, WCSS-1490, which sent one of my PP/cs back, signed, WICC-600, WNBC-660 WSOQ-1220 w/another of my PP/cs which shall be noted as \*, CPLV-1370\*, WBOB-1330\*, & two v/ls, one from WLFH-1230 & one from WOLF-1490. By the way, does anybody know who was testing on 8/27/71 on 1140 from 12:59 to 1:04 w/TTS o/WRVA? I haven't the foggiest. Well, that's it till next time.

HAROLD A. NEIDMANIS - 215 Allen Street - Buffalo, New York - 14201

Someone once said it is better late than never, so here is my first contribution in the form of an intro & not much else, hi! I am 42, single and work for a living for a heating & plumbing outfit here in town. I did some BCB DXing in '64 & '65, but was mostly interested in SWling (WDX2DPD) until early this year, when I joined NRC, & a little later, IRCA. RX here is a Hammarlund HQ-180A - quite a piece of equipment. As I rarely listen to stations without sending a reception report, my totals as of this moment look rather pitiful - 70 stations heard, 51 verified, states 26/23, provinces 3/3, and foreign countries, 1/1. Veries for the month of August - my best month so far - v/q- WTVN-610, in 14 days; WOAI-1200 in 13, WBAL-1090 8, KGLC-910 13, KFI-640 7, WKBN-570 5, KXEL-1540 12, WIBC-1070 7, WHAM-1180 7, WHN-1050 4. v/c- WGAR-1220 6 days, WGY-810 5, WTOP-1500 7. v/l- WHEN-522 4, & WINS-1460 10 days. And a note of interest - local WEBR-970 is under new management and, while retaining its present MoR programming for the time being, will soon be AN. Also WEBR-FM has applied for a call letter change. A call to the station did not yield any additional info - the sweet young thing on the phone said she would have more definite info by the end of the week or the first part of next week. Now that I have thoroughly surprised myself, I better stop right here, before I wind up with a book on my hands. 73s, and good DX! (We're glad you decided to write in, Harold, and I hope you will make it a regular thing - often, too! -ERC)

WES BOYD - WHOT - 401 North Blaine Avenue - Youngstown, Ohio - 44505

Sorry ERC, but WBE-1030 is not non-directional. They use two sticks on Hull - ask the BPC, and is directional inland, only about 5kw or so out to sea. WINR-680 now AN w/rr, heard 9/14, 4:20-6am. Best catch here recently was KTRH-740 on for hurricane 9/10 @ 1:15-1:35, the only station on outside of RS

heard here that AM, well u/KRMG/KCME but faded up for ID time-check, PSA, then gone again. I finally got Maine verified w/WJAB-1440. Only other ever heard was old WSME TEST. (???) Those needing WNAX-570 try a PP/c. I sent same on fourth try for verie; card signed and back in ten days. They did keep my tape, though. 1350 is quite good to me - 9/14 @ 6am w/WJAR & WBMS both o/WSIR before WWBR s/on @ 6:01. Best of luck E.D. & B.L. on "DXTRAS"; should be a help to quite a few. Tip #1 - watch 620 - promos for "Sunny 620" are WATE, not WSUN. Who in Mid-West heard the TTR on 770 9/9 running low frequency tones 1:10-1:45 & on & no IDs. I finally have heard a total of 27 stations @ SSS since '65, 25 verified, I gotta start digging them out some day. Bye-bye any chances in this area for ZDK- WKYC on @ 4:30 last two MMs in a row. Those needing WHLO-640 veries - send reports to me. I'll get the veries. Here we go again - "YAD-#2". Coming! ERC, Shame! No Musing in 9/11/71 DX NEWS. Veries in? WJJD-1550 WTVR-1380 KDDA-1550 WUFO-1080 WAAB-1440 WJVA-1580 WYDK-1480 WJCO-1510 WIMC-1290 WVKY-1270 WJAB-1440 & WNAX-570.

TOM MCCORMACK - MRC - Box 83 0 Bloomington, Indiana - 47401

Please note the new above address, all correspondence & the like should be addressed to Bloomington. Veries are now up to 821, and new totals are started up here, since I'm 100 miles S of my old location. SSS is real good here - they are really in early! And it's only September, too! New loggings here include: WAMW-1580 WNV1-1550 WKAI-1510 WKRO-1490 WAOV-1450 WLEK-1360 WBIW-1340 WREY-1290 WEIC-1270 WRAY-1250 WDIM-960 WHON-930 (a surprise!) WAKO-910 WRUS-610 WPCO-1590 WTCJ-1230 (u/WBOW) WEBQ-1240 WORX-1270 (o/u WEIC), all these are daytime regulars I never could hear in West Lafayette. Recent veries are from WSAL-1230 (v/l-CM) & WCBK-1540 (v/l) for receptions in W. Lafayette. I'm a real avid CMer (I have well o/1,000 AM CMs), \* I'm swapping my entire massive SC collection for CMs I lack (all SCers write soon!) I have tons of various rock-jingles, & new ones include WHI's & WBOV's. Anyone who'd like DX TESTs from Indiana stations, let me know. I have 12 requests out now. I will miss AN MM DX sessions that S.T. & I had at my old home. Now to go for another 2,100 stations here in Bloomington. I'll try to drop in a few rods whenever I find a few spare minutes. My earliest class on MM is 11:30am, so it looks like I'll be still hitting the ol' MM dial twisting (I think I'm addicted for life, hi). Best of luck.

CARY D. PALL - 220 Kelton Street - Apt. 18 - Brighton, Massachusetts - 02135

The B.P.C. took off to the Convention without me, so it's a good time to Muse. Little DX in this midtown building, what with a multitude of fluorescent lights & TV sets, etc. The new RX is still a good two months away, but getting closer every day. I should have it in time for the TAs. What little DX I have done is on the ancient Panasonic "\$25 wonder". An interesting situation I have noticed is that the semi-local stations such as WFEA-1370, WAAB-1440 disappear at night, while at the same time, my old Conn. 5kws like WDRG WPOP WBYB-1590 do really well here in Boston. Then again, locals didn't hit as hard in Conn. as they do here. My closest local in Conn. was WNLK-1350, six miles away, w/500w, & I used to hear the old WCVU Va. o/them. Now I've got WBEZ's AXR in my backyard. Also, I'm lucky enough to be able to hear WRKO at night, something I couldn't (and didn't) want to do, anyway. Oh well, insipidity will out. 73, DX.

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

The 1971 Sacramento Convention sure was different. If you didn't go you missed some interesting occurrences, such as: a- Trying to find Don Kaskey; b- Watching GPN throw DEE into the pool. c- Viewing Murley staggering through a staggering auction. d- Seeing Frank B. Kennedy swallow a fabricated story about vegetables in Boston. Congrats to RFS for his successful bid for Miami in '72. It was a South Vietnamese style election, though. I'll be there anyway. 8/15- At 8pm, Frank Waldron, R. Krne, C. Sholtz & I got good readable audio from Dakar-764 on a car radio while driving in downtown Boston. 8/29- WKDR-1070 N.Y. excellent signal w/rr @ 5:54pm. WBNC-1050 N.H., fair signal o/u WBN/WSCV @ 6:15pm w/ sports, then c/w. Another longtime holdout WCNL-1010 N.H. fair u/WINS w/c/w & ID @ 6:30pm. 8/30- XERCN-1110 very good o/u WET OC @ 2:10am. The regular TAs are slowly coming back as of 9/13, should be a much improved season. Good DX.

JIM HAYES - 9 Henry Street - Wilkes-Barre, Pennsylvania - 18702

Little DXing was done in June & July. In August with the slowing of the thunderstorms I picked up again the hobby. Starting with 6/24, at night, 11:06, WMMN-920 W. Va.; 11:15, WBEN-930 Buffalo. 7/15- Midnight, WTXL-1490 West Springfield Mass. on top of the mumble-jumble. 7/28- 11:20pm, WWDJ-970 N.J. 12, CHOO-1390 Ont. 8/13- 7:45pm, WANN-1190 Md. 7:58, WGNV-1220 N.Y. s/off. 8:10, WWOOD-1390 Va. 8/18- 6:53pm, WTYM-1600 Mass. 7:15, WPGC-1580 Md. 7:28, WADR-1480 N.Y. w/c/w mx. 7:30, WOKO-1460 N.Y. 7:32, WVAN-1430 Pa. 7:48, WEEU-850, Pa. 8, WTOW-1570 Towson, Md. s/off & uncovered CPOR, Orillia, Ont. 10:59, WJVA-1320 Pa. u/local WSCR, 11:13, WXYZ-1270 Mich. 8/20- 8pm, WKOL-1570 N.Y. s/off. 8/23- 11:35pm, WBAP-820 Tex. 12:06am, WDEL-1150 Del. 8/24- 7:15pm, WRYT-950 Mass. 7:53, WHEC-1460 N.Y. 8, WJDM-1530 N.J. 8:15, WXVA-1550 W.Va. s/off. 8/25- 8pm, WRYM-840 Conn. with polkas. MM 8/30- 12:18am, CKCY-920 Ont. 1, CFNB-550 N.B. 1:22, WNOX-990 Tenn. 1:28, WWDJ-970 N.J. 1:35, CKOC-1150 Ont. 2, WSLR-1350 O. w/c/w. WSPD-1370 O. 2:01, WBSM-1420 Mass. 2:09, WAKR-1590 O. 2:20, WICC-600. Conn. 2:21, WDAF-610 Mo. 2:30, WPTF-680 N.C. They are nulled to the N to protect WFKO. A little daytime DXinf done today with meager results. 12:05pm, WIMR-800 N.J. 110 miles, fair. WVPO-840 Stroudsburg, Pa. 40 miles, fair. 2:36pm, WEEU-850, Pa. 80 miles, fair. 2:54, WOPA-1100, 75, good. Back to nighttime DX. 6:41, WNAR-1110 Pa. 6:55, WUST-1120 Washington. Their NX reports are really something. 7, WWLE-1170 Cornwall, N.Y. More next time. That's it this time.

WILLIAM D. FEIDT - 8708 Contee Road - Apt. 14 - Laurel, Maryland - 20810

I'm back once again after a highly inactive summer season. August has, however, brought surprisingly good SSS CX here in Md. DX as follows: 8/12- WRCP\*-1540 Pa. from 7:55-7:59 w/c/w to s/off. This one does very well here when local WDM is looped. WTHM\*-1530 Mich. 8:28-8:29pm s/off announcement and promotion for FM. It is easily readable through & sometimes through WCKY at this time. WJVA-1580 Ind. 8:44-8:45 s/off & promo for WRBR, FM outlet. WTTN-1580 Wis. @ 8:55 pm w/brief ID for tape; faded down quickly and I was unable to log probable 9pm s/off. To complicate matters even more Portugal-1578 was kicking up quite a het by this time. WQBC-1480 O. 5:30am s/on w/SSB, announcement, & into religious program - this & next one on 8/13. WWS-1370 Va. @ 5:55 w/a/on announcer amidst Jumble. 8/15- WAPC-900 Va. 8:10-8:14pm "Big Country Radio" w/"Under the Double Eagle" theme on electric guitar I into s/off. 8/30- WNCI\*-1070 N.C. @ 7:59pm w/full announcement just before night pattern change - completely inaudible after the change. WCIR-1070\* Va. @ 7:59-8 w/soft mx, ID, & NX. WRFD-880 O. 8:35-8:30 w/c/w, into religious message from church in Columbus & s/off w/out anthem. WCB5 nulled way down. 9/1- WRPL\*-1540 N.C. @ 7:27pm s/off; WDSL-1520 N.C. @ 7:29 s/off; WSSA-1570 Ga. @ 7:44pm weak, but in the clear w/s/off-SSB. 9/2- WNRV-990 Va @ 7:29-m way on top w/s/off; WKBQ\*-1000 N.C. w/tail end of s/off announcement w/ "Now the Day is Over" background & no anthem. 9/3- WKYB-1000 S.C. @ 7:29 s/off way above others; announced power as 10kw. WABQ-1540 O. 7:45pm w/the shortest s/off format I've ever heard - no anthem. All the above are new tapes for me, and the asterisked items are new to my heard log also. For anyone who might be interested, my equipment consists of a Hamarlund HQ-130-X \* Space Magnet antenna. Good luck to all for the forthcoming season. 73 & Peace.

ALEX BOWAB - OI Division - USS Forrestal - FPO New York - 09501 (Norfolk, Va.)

By now everyone knows WTOW-1570 is back on. New format is all-religion; they're heard here days. S/off is usually a few minutes before other stations in the area bite the dust; they have a 30-minute newscast as the last program, and often they run out of NX before the half hour is up. A check on ANS MM 8/30 revealed locals WWOE WRAP WTAR WNOR all on; WGH quit @ 2. And yes, Virginia, there is a WKXI-FM SC. Yes, I'll be glad to send you one. Use above address; I haven't yet indoctrinated my people back at the station about courtesies to DXers & SCers. If there's an R&B SC in your area, please send one in exchange. Ever have trouble verifying WLPN-1450? Send me your reports - a friend works there now.

LET'S SEE A GREAT YEAR FOR MUSINGS THIS SEASON! RESOLVE TO DO YOUR PART - MUSE!

DOMESTIC  
X  
IGEST



EDITOR:  
F.J. Edmunds  
Box 846  
Wayne, N.J. 07470

Greetings, peoples: Once again DDXD surfaceth. Soon again we go weekly. Cx look to be excellent for this fall, so DX should abound, hi. As we've lots of material here, we'll get to it right away. All changes in schedules sent by Hart, Lawrence, etc. will be held for updaters next issue due to volume of stuff here. First we'll do r/cs, then c/rs, D items, sunset, then the goodies, hi. Once again, any volunteers to assist in typing and frequency-arranging updaters will be greatly appreciated.....

AUGUST: 1st MM: KNOX-1310, KNIT-1280, KBAN-1400, KGRI-1000; 1st TU: WFBG-Pa (new, time 0215-0220); 1st FM: W3OK-900, KFVS-960; 2nd FM: KHDN-1470; 3rd MM: KXEO-1340, KTXJ-1350, KWRD-1470, KVOP-1400; 3rd TU: KLGL-1470, (ex-KPLC); 3rd TH: WLET-1420; 3rd FM: KAER-1240 (to 0145, new time); 3rd SA: KALG-1230; 4th MM: KGIV-1450, KLWW-1450.

SEPTEMBER: 1st SA: KDOK-1490, KENN-1390 (0200-0215 Q3, new); KSIM-1400 (0245-0300, new); 2nd MM: KLBK-1340, WGMF-1500, WCAZ-990, WELI-960; 2nd SU: KCCR-1240 (0115-0130 new); 3rd SA: KSLO-1230.

580 - KWIN-OR req. KGMX ← call applications

changes

- + 1060 CP -AR Ozark, prev. listed is initial decision only.
- + 1340 KIHN-OK CP is on.
- + 1360 CP -MN Buffalo, 55313; 500 DI (9/7)
- + KZIQ-CA ex-KBEV should be on air by 10/1
- + 1400 KNOR-OK CP is on.
- \* 1480 W5AR-MA Is advertising for AN DJ. Sez will go AN as soon as they get one, vecch. (Jerry Starr, Youngstown, Ohioyo)

sunset & evening

- 680 KWKA-NM Hrd 1st time 8/5 2213 w/rr, appears regular o/u KNBR here. RR format, CBS net, not sure of sked. (Blake Lawrence, Canon Cy, CO.) \*\* Yes, Blake, only 1000/500 as listed - RJE
- 860 WDMG-GA Faded up ard 2000 9/19 in aurora per PT tip w/ nx (RJE)
- 1100 WLBB-GA In/out w/ ZDK religion in 9/19 aurora 1920+ (RJE)

midnight to sunrise

- 550 KFYR-MD 0314-32 w/rr 9/12 well o/wk. WKRC & KTSA (Boyd)
- 600 WFSM-PA Alone w/ WSOM not yet on 0730 ID, Mut. nx then local FService pgm, into c&w 0740. (Boyd)
- 620 KTAZ-AZ HI-AN thing o/u WSUN 0505-25 well o/CXCK c&w (Boyd)
- + 680 WJBR-NY Now on AN w/rr & Ken Scott show. 0430-0505 9/14 u/WPTF, WCBT.
- 740 KTRH-TX On late for hurricane 9/10, tele-talk 0115-35 (Boyd)
- u/KRMG, KCBS, KCMC, HJHB. (Boyd)
- 790 KPGO-MD Much-wanted finally hrd 0600 8/2 w/ID (BL)
- 820 unID Now on u/WBAP w/ varying freq TT 0111+ 8/19 (BL)
- 900 KPAL-NY Good 0716 8/16 w/ nx, wx (BL)
- 940 WGNB-NY Genl mx-ID, nx, 0623-33 almost alone to WENC 0630 s/on(??)
- 980 KFWJ-AZ Good w/ ET-TT 0320-29 8/29, unn. (BL)
- 1100 WKYC-OH S/on 0430 past 2 M's, there goes ZDK... (Boyd) \*\*Hey, yes, ever hear of an AURORA, hi -RJE

1150 KJBC-TX Vy gd w/ID in ET 8/3 0204 (BL)  
 1170 KVDQ-OK Noted off MW's 8/16, 23 0100-0200, believe had OC. Wk. KCBQ under (BL)  
 \* 1200 WDAI-TX Appears to be HI's again (BL)  
 x 1150 WKPA-PA Way atop w/ WCUE off 0640-45 8/29 (Boyd)  
 1220 WJAR-OH Off 0045-0205+ 8/26 only unID SS ((KXB?? -RJE)) & +10 noise. (Boyd)  
 1230 KRSY-NM Hrd test 9/18 0215-45, must've been ET, as never hrd here bk whilst looking vainly for KEEE r/c (Paul K. Hadt, Ft. Worth, Tx)  
 1250 KFAY-AR Good a/MREN w/ ID 0705 8/2 (BL)  
 1270 WVKY-KY News w/ mx, wx & osw 0610-13 w/ WTTX off (Boyd)  
 1280 WANS-WC Hrd w/ "Lifeline" 0520-0635 9/14 (Boyd)  
 1290 WGBR-MI TT w/ skew rig 0114-17 9/7 (Boyd) Had XR ET 0100-0130+ 9/7 (Jerry Starr, Youngstown)  
 1320 WFBR-WI Hrd 0110-20 w/ PoP, still on 0145 (Boyd)  
 x 1290 KHSL-CA Poor u/MOIL w/ ID 0208 8/11 (BL)  
 1330 KFAC-CA Unn, but actually atop freq. during most of KPH SP 8/29. (PKH)  
 1340 WLAV-MI With surprising steady s-8 0137-51 w/ rr 9/6, (Starr)  
 KTCW-OK Hrd 8/15 0110 w/ reb (BL) (Boyd)  
 1350 WMSB-NC S/on 0559 well a/WAR's mx & WSLR, lost 0601 to WMR. S/on 0557-fair copy, & slightly early a/on. 9/14 (Boyd)  
 WDAE-SC S/on 0557-fair copy, & slightly early a/on. 9/14 (Boyd)  
 + 1360 WMAI-OH Off 0105-0600 8/22 Su AM, no new SP. (Boyd)  
 1390 WTJS-TN Hrd 9/4 0116-38 w/ MeR, Ae mx, no ads, just PSA's w/ poor sigs. (John Tull, KC, MO.) \*\*welcome to HXND, John - RJE  
 1400 KREO-GA Hrd 8/2 0451 vy gd w/ID in ET (BL)  
 KEIT-NM Good w/ son 0640 8/2 (BL)  
 unID W/ HI-AN w/ ads for HI of Portsmouth... WMOG??(Boyd)  
 1420 CKPT-OH W/rr well u/WBK crap 0210-17 9/4 (Boyd)  
 1430 KTYN-MD Good w/ detailed ID on ET/TT 0215 8/11 (BL)  
 1440 WROK-IL On past 0100 a/off w/ local storm warnings 8/23(Boyd)  
 WFDE-KY S/on AM & PM 558 0700, local nat'l mx 0703, w/WBHH not on til 0728 8/29 (Boyd)  
 WJAB-ME S/on 558 0550-0602 thru WJME a/on, fair copy & tape (WB)  
 1450 KWES-MD Fair 0643 8/16 w/ID (BL)  
 KOBE-NM Logged ET 0100 9/6, called, but r/c apparently is no more. (PKH)  
 1460 WJMK-LA ET copied 8/22 w/TT, OC from bk 0330-0519 a/off (PKH)  
 KEMO-NV Hrd ID on tape ard 0500 8/16, called, they were hit by lightning, and were randomly checking XR, ants.(PKH)  
 WYMG-FL Hrd 0215-0220 ending freq. mess. tests, audio that is. (8/28) (Boyd) \*\* Massat?? -RJE  
 KDON-CA Poor u/KEMO w/s/off 8/23 0300 (BL)  
 1470 WQHD-OH Fair w/ end of mx/wx and into rr 0541 8/2 (BL)  
 WHED-IL Fair w/ a/off 0201 8/23 (BL)  
 WSAW-PA Well a/WAR w/ "World Tomorrow" thing 0620-35 & rr to 0640 f/out. Kat yer fern out, Starr (Boyd) \*\* Ferns are poisonous - RJE  
 1490 KBST-TX Good w/ ID in ET/TT 8/18 0121 (BL)  
 WHAV-MA S/on 558 atop freq. 0600-04 9/5 (Starr)  
 KDMO-MD Hrd w/ BE after sked a/off, which they do occasionally, 0115 9/5 (PKH)  
 1500 KOKH-OK ex-2033 hrd 9/4 0800-0809 a/on & osw (Tull)  
 KDFM-MD After KOKH and w/ KSTP milled. Bell, mx & many ads 0831-0844 (Tull) (9/4)  
 1510 WJCO-MI OC/TT 0128-42 w/ ID only @ 0131 u/CLAC, WHEX(Boyd)  
 1540 CHIN-OH Hx, ID, then Italian pgn 0558-0610 9/13 w/ WHID off, o/WHEX(Boyd)

1580 KXEL-IA OFF!! 0230-0330+, only WPTB, ZKS hrd tho', this 8/28(WB)  
 1550 WOKJ-MS 9/4 0347-0402 w/ mx, SID's, VW Sweepstakes, a3 sigs,(JT)  
 WSSC-SC On late for Doria 0100 a/off 8/28 (Boyd)  
 + 1560 WDIR-KY Sked appeared to be 2h hrs, SP HI, ??-0600. HI a/on copied 9.13 just after WJXR's (PKH)  
 WAFI-KY osw mx & many spots 0649-56 8/29(Boyd)  
 1580 WCRV-MJ Hrd unID ET, then w/ mx, but followed w/ promo's I had recorded on way to '70 convention, so knew it was this. Funny to hear yourself on an unID ET... Much stronger than on last season's TEST. (Starr) \*\* Still another indication of good cx - RJE  
 KLOU-LA W/rr o/a WLSL-WRFP 0440-0505 9/12 (Boyd)  
 WRBJ-MI Hrd 0230-40 w/ OC, only ID said was testing. (Boyd) 8/28  
 1590 WANN-MS Hrd w/ ET 0214-0231 w/ mx & TC's, Testing 5 kw XR, Exc sigs. (Tull)  
 1600 WFDC-PA Instr mx & no spots 0555-0615 9/12 well a/WAZI(Boyd)  
 WINX-MD RR & Washington mentions 0615-35 9/12 a/WAZI, WFDC(Boyd)

Well, thassit. Deadline staff from Sundstrom, PT, self held. Dunno now when next issue is, think 2 wks., but after that will surely be weekly. **JB**

## SPECIAL TESTS:

OCT. 4 or 11 0000-0045 1270 WJVL Vineland, N.J. see last issue for details. unfortunately, still no word as to which date. (RJE)  
 NOV. 28 - 0205 - ??? 1450 KOBE, Las Cruces, N.M. per PKH will do irregular f/c w/ TT and maybe mx. More info later.

Tests are to be arranged with WJVM-1240, WLSL-1170, WRAN-1510, WJUT-610, WMMI-1260 for this fall from here, and maybe some more.

One last f/c hrd, a newsie: 1430 KTYN-MD, w/TT 0200-15 2nd WM.

## LAST MINUTE SPECIAL FLASH

Bill Lemak phones info on the following test arranged by Tom McCormac for the NRC: WRAY-1250, Princeton, Indiana will test 11/1 from 0230-0300 EST. This is a 1 kw nondirectional station; reports go to Jack Mauck, C.E., c/o WRAY, address per NRC Log. No information on program content available at presstime.



# Tips for novice dxers - part 2A

by russ edmunds & page taylor

Last year about this time, we ran the initial "How To Log the 50 States" article, and in the months since have discovered several additions and/or changes to the list which we supplied at that time. This year, we'll run an updated and annotated list, which should be used in conjunction with the text which appeared last season. For the purposes of reprints, this new list should go w/ pg 1 from last time.

STATE/PROV.	RS Stations	r/c's	SSS or SRS
ALABAMA	WAPI-1070, WCOV-1170, WAAY-1550 WBRC-960	WLGB-1530 WIDE-850	
ALASKA	KYAK-650, KPAR-660, KFQD-750		
ARKANSAS	KAAY-1090, KLRA-1010		
ARIZONA	KTAR-620 (HI), KRDS-1190, KHOS-940 & KTKT-990		
CALIFORNIA	KFI-640, KGBS-1020, KNX-1070		
COLORADO	KOA-850, KIMN-950		
CONNECTICUT	WTIC-1080	WELI-960 WDRG-1360	
DELEWARE	WDEL-1150	WAMS-1380	
DISTRICT OF COLUMBIA	WTOP-1500, WRC-980		WMAL-630
FLORIDA	WINZ-940, WFLA-970, WMEG-920 (in aurora: WQAM-560, WSUN-620)	WGNE-1340 WPGP-1430	WTAI-1560, WAPE-690 WTHB-1550
GEORGIA	WSB-750, WCLS-1580, WGST-920		
HAWAII	KORL-650		
IDAHO	KBOI-670, KGEM-1140 (on ET's)		
ILLINOIS	WLS-890, WMAQ-670		
INDIANA	WOWO-1190, WIRE-1430, WIBC-1070		
IOWA	KXEL-1540, WHO-1040		
KANSAS	KFH-1330, WREN-1250, WIBW-580		
KENTUCKY	WHAS-840, WDXR-1560		
LOUISIANA	WWL-870		
MAINE	WLOB-1310		WLBZ-620
MARYLAND	WBAL-1090, WCBM-680		WPGC-1580
MASSACHUSETTS	WBZ-1030, WMEX-1510		
MICHIGAN	WJR-760, WCAR-1130		
MINNESOTA	WCCO-830, KSTP-1500		
MISSISSIPPI	WOKJ-1550	WSAO-1550, WMOX-1010	
MISSOURI	KMOX-1120, KCMO-810	KFVS-960	
MONTANA	KOFI-1180, KXLF-1370	KGHL-790, KYSS-930	
NEBRASKA	WOW-590, KFAB-1110		
NEVADA	KCRL-780		
NEW HAMPSHIRE	WKBR-1250, WFEA-1370		
NEW MEXICO	KOB-770, KSWB-1020		
NEW JERSEY	WPAT-930, WWDJ-970, WMID-1340	WNJH-1580, WVNJ-620	
NEW YORK	WABC-770, WCBS-880		
NORTH CAROLINA	WBT-1110, WPTF-680, WKIX-850, WPGW-1010 on ET's		WTRQ-1560
NORTH DAKOTA	WDAY-970, KFTR-550, KILQ-1140	KNOX-1310	
OHIO	WLW-700, WKYC-1100, WCKY-1530 WING-1110		
OKLAHOMA	KOMA-1520, KVOO-1170, KRMG-740, KGLC-910 (SM's), WKY-930		
OREGON	KPNW-1120 (esp. 1st MM 0300+) KEX-1190, KYXI-1520		

PENNSYLVANIA KDKA-1020, WCAU-1210  
RHODE ISLAND WPRO-630, WJAR-920  
SOUTH CAROLINA WBSC-1550

WBSC-1550, WSPA-950,  
WORD-910, WAGL-1560  
WIS-560, WFBC-1330

SOUTH DAKOTA KSOO-1110, WNAX-570 KCCR-1240  
TENNESSEE WSM-650, WATE-620,  
WLAC-1510

TEXAS WBAP-820, WOAI-1200  
UTAH KSL-1160

VERMONT WEEV-550  
VIRGINIA WBYA-1140  
WASHINGTON KGA-1510, KOMD-1000, KRKO-1380,  
KJR-950

WHWB-1000

WEST VIRGINIA WWVA-1170, WCHS-580  
WISCONSIN WTMJ-620, WISM-1180, WEMP-1250  
WOKY-920 WLDY-1340

WCHS-580, WKAZ-950

WYOMING KTWO-1030  
ALBERTA CHAT-1270, CJOC-1220, CFAC-960  
BRITISH COLUMBIA CKDA-1220, CBU-690  
MANITOBA CBW-990, CKSB-1050  
NEW BRUNSWICK CFNB-550, CBA-1070 (esp. 6 a/on  
w/KNX on AXR)

NEWFOUNDLAND CBN-640, CBT-540  
NORTHWEST TERRS. CFFB-1200 (has CP for 1210)  
NOVA SCOTIA CBH-860, CHNS-960  
ONTARIO CKLW-800, CBE-1550, CJBC-860  
PRINCE EDWARD IS. CFCY-630  
QUEBEC CBM-940  
SASKATCHEWAN CBK-540, CKCK-620  
YUKON TERRS. CKRW-610

(CONTINUED FROM FOXY'S IDXD SECTION)



## Verification Section

- 894 Canary Islands. EFJ57, Radio Juventud de Canarias signed and returned my prepared card last April for reception of 10/23 and 10/26/69. This was a result of my 2nd follow-up, mailed 10/18/70 in which I stated that I was reporting reception of their 881 kHz xmtr which was hrd on approx 894 kHz. My two unanswered reports referred only to 894 kHz and I felt that they might not have been aware, or wanted to admit, that they were so far off their assigned freq, so this time I listed only the assigned freq on my card. Their own attractive, but unspecific picture postcard QSL was also received in a later mail. Printed in 1967, it gave the freq as 872 kcs and although the station address and hours of operation (0700-2400) were updated, the freq was not changed. Power was shown as 10 kw. Both cards were signed by José Agustín Gómez, Dir. The verie took a long time, and this info is admittedly late but it might be of value for the coming season. I have hrd of no other replies from this one. (Hal Robie, Mass.)

73 Bal

**INDIA.** The North Regional station in Jodhpur, formerly on 820 kHz, has now moved to 530 kHz. The power on this one is not known but is believed to be fairly high; this is now probably the best bet for India from North America. (Editor)

**MIDWAY ISLAND.** Dene Lynneberg of New Zealand recently logged KMTH on its new 920 kHz channel (from 900); after a number of tries he eventually managed to get a reception report to them - the address in WRTVH is incorrect. The right address for KMTH is P.O. Box 39, FPO, San Francisco 96614. This station appears to be rather casual about logkeeping so it's probably best to send a tape. (NZDXRL)

**COSTA RICA.** Radio B.B. on 1225 uses a transmitter built in Costa Rica and running 10 kw; station inaugurated in August, 1970. The schedule is 0600-0000 local time; address is P.O. Box 10223, San Jose; verie signer is Roberto Castellanos F., Presidente. (ARC)

**GREAT BRITAIN/CYPRUS.** According to a letter from the BBC, 1457 kHz is being used for World Service test transmissions by both stations in the U.K. and the Cyprus relay station. Note BOB BUNDY: your recent 1457 logging may well have been a test from Cyprus and not England. (Editor)

**GAMBIA.** "Radio Syd" recently heard by an ARC member visiting the Canary Islands on 908; sked 0600-0200; announces "studios in Bathurst". (ARC)

**CANARY ISLANDS.** Radio Popular de Las Palmas is testing with 10 kw on 836 kHz currently; a good bet for North America around 0000! (ARC)

**VENEZUELA.** Radio Espacial, Caracas is relaying BBC Spanish news on 1260; beware... (ARC)

**LESOTHO.** Believed logged in Sweden on August 21st with a BBC relay test program on 899 kHz. (ARC)

**ST LUCIA.** According to an item in the Spring issue of Sound and Vision Broadcasting forwarded by Gilfer Associates, "The latest step is the replacement of the existing 500 W transmitter by a Marconi 10 kw medium frequency transmitter, type B6029, feeding a 300 ft mast radiator." Is this the 10 kw outlet listed for 660 kHz and still as yet unheard? If so, where's the 500 watt station been operating? Anyone know the full story?

**URUGUAY.** CX12, Radio Oriental on 770 now uses a 135 kw RCA transmitter; formerly was 25 kw. (SCDX) Note RICHARD WOOD.

**PANAMA.** The government of Panama put restrictions on the news media into effect some time ago; one of the effects was a new Government station, "Radio Libertad"; this station is operating on 840 kHz. (Editor)

ALL TIMES IN IDX ARE GMT: EST PLUS FIVE HOURS...

RUMORS, PLANS, AND GOSSIP...

**SWAZILAND.** According to a letter from Mark Wodlinger, President of Intermedia, Inc., the new Swaziland station will operate with 50 kw on a frequency of 1376 kHz (a very good channel for North America; the dominant ORTF station on the channel should loop out quite well); schedule will be 0500-0000, programming will be "Modern American Contemporary music" all in English, and the projected air date will be December first. The transmitter site is on the western section of Swaziland near the Amsterdam border into South Africa in the area known as Sandlane. All announcers will be American, according to Wodlinger. (Hmmm, sort of sounds like a Radio Americas operation for South Africa... Somebody want to do a little digging into this operation, just for fun? Editor)

**IRELAND.** Tenders have been invited by the Eire Government for the construction of an all Irish radio station at Connemara. Galway County Council has granted permission, and work could begin this summer. There will be 3 studios at a 4 acre site at Derrynea, and a 300 foot mast 3 miles away at Bealadagan. The station will be called Radio Gawltacht and all programming will be in Gaelic. The Conemara station will operate on 539 kHz; other small stations will be Donegal on 1250 kHz and Corca Dhuibhne on 1484. (ARC)

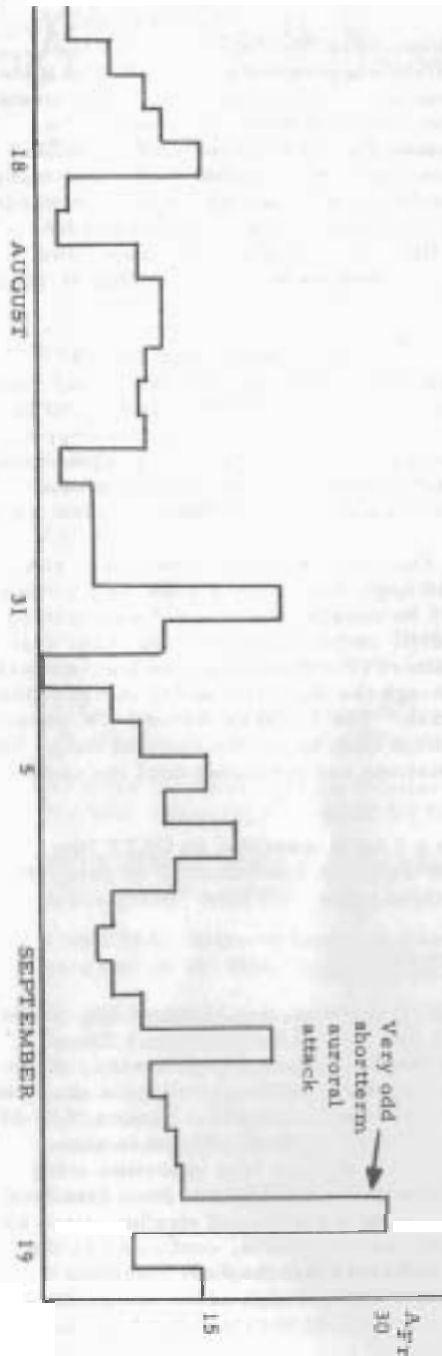
**TURKEY.** The Turkish Broadcasting Authority is in bad shape financially and this has interfered with the planned upgrading of the system as reported earlier here in IDX. The project 600 kw Antalya power boost was delayed a year because the Broadcasting Authority couldn't raise enough ready cash to pay the customs duty on the transmitters (9 million lira); the transmitters finally got out of customs recently although the Authority had to mortgage the Istanbul station building to raise the cash. The 1,200 kw Ankara MW station is stalled for a similar reason: not enough cash to pay the customs duty. Most of the projected superpower Turkish stations are postponed until the cash problem is resolved. (Editor)

**NEW HEBRIDES.** Vila has been given a 1 kw transmitter by ORTF (the Islands are governed by a joint English-French Condominium); no date for opening but the frequency has been decided upon: 1400 kHz. Sorry about that, people... (NZDXRA)

CLANDESTINE, BOOTLEGS, AND PIRATES...

**EAST PAKISTAN.** The East Pakistani clandestine, per Maqsood Ali, press attache for the Mission of the People's Republic of Bangladesh, 9 Circus Ave., Calcutta 17, India, is known as Swadhin Bangla Betar Kendra. First went on the air, according to him, on March 27, and operated for a short time on SW but regularly on 820 kHz mediumwave since May 25. Sked is 0630-0730 and 1830-1930 IST; nothing is said of power or location. There is some indication that the East Pakistani's ran a clandestine type operation using the Chittagong Radio Pakistan MW station on March 25th and for a few days afterward, until it was knocked off the air by a rocket and strafing attack by Pakistani Government fighter-bombers. Later reports, confirmed by the British Diplomatic Wireless Service, indicated that the East Pakistani clandestine operated from aboard a vessel in the mouth of the Hoogly River, near Calcutta. (Don Jensen)





This graph shows the daily values of  $A_p F_2$ , the Fredericksburg index of geomagnetic/auroral disturbance in the Earth's magnetic field. High values of  $A_p F_2$  occur during a heavy influx of electrically charged particles into the upper atmosphere as the result of certain types of solar disturbances. The medium-wave signal absorption produced by one of these events is strongest in high latitudes and persists for some days following the initial particle influx. Values of  $A_p F_2$  above about 20 are invariably associated with high levels of absorption along high-latitude TA and TP signal paths. Very high values (above about 60) are usually accompanied by E-layer blanketing over North America and Europe on such a night stations from the South will appear to dominate most channels. Long periods of low geomagnetic/auroral activity are necessary but not sufficient to guarantee excellent high latitude TA and TP reception - other ionospheric effects such as the "Midwinter Anomaly" may effectively mask what would otherwise be periods of excellent reception on high latitude paths during periods of continued low geomagnetic/auroral activity.

## The EBU TA List, Fall 1971

In anticipation of what promises to be the best season for Transatlantic reception in quite a few years, we are running the entire latest EBU internal monitoring report showing every station monitored by the network of official EBU monitoring stations during the past month. This listing, which is by far the most accurate, complete, and up-to-date tabulation of European Zone stations, is essential for the active TA DX'er and is available only through the NRC. The EBU network works around the clock monitoring the European MW band and what we are here presenting is a complete record of all stations noted there during the past month - thus the occasional non-European entry.

This band status report is organized as follows. Column one gives the channel number (Copenhagen Plan), frequency in KHZ, and wavelength in meters. Column two gives the city where the station is located; if there are low-powered relay stations operating on the same channel, they are indicated by "† n st.". Column three is the country where the station is located; since this is the internal monitoring report which is not intended for outside use, the language is French. We have included a listing of the French-language country name abbreviations elsewhere in this article. Column four indicates the nature of the program transmitted on the channel; "RNE 1" is the Radio Nacional España program 1, etc. Refer to World Radio Handbook for elaboration. Column five is the operating power in kilowatts, this is the latest official power as supplied by the stations to EBU. If the column is blank the power is not known; night/day powers are shown in that format. Column 6 is perhaps the most important information of all; this is the exact frequency that the station was operating on, based upon EBU frequency measurements. This is the average of a number of frequency measurements and the value is shown in cycles per second (or Hertz); thus 528 980,8 means a frequency of 528.9808 kHz (remember that Europeans use a comma where we use a decimal point). These exact frequencies are of great use to the TA DX'er because they give the DX'er some advance information about the SAH (Subaudible Heterodyne) or "beat" frequency between the different stations on a particular channel. (See our article on the Subaudible Heterodyne, available from HQ as an NRC reprint for further information).

### COUNTRY NAME ABBREVIATIONS

AFG Afghanistan	CYP Cyprus	I Italy
AGL Angola	D West Germany	IRL Ireland
ALB Albania	D-D East Germany	IRN Iran
AND Andorra	DNK Denmark	IRQ Iraq
ARG Argentina	E Spain	ISL Iceland
ARS Saudi Arabia	EGY Egypt	ISR Israel
ATN Neth. Antilles	F France	JOR Jordan
AUT Austria	FNL Finland	KWT Kuwait
B Brazil	G Great Britain	LBN Lebanon
BEL Belgium	GLP Persian Gulf	LBY Libya
BUL Bulgaria	GRC Greece	LUX Luxembourg
CAN Canada	GUI Guinea	MCO Monte Carlo
CGO Congo	HNG Hungary	MDR Madeira Is.
CHN China	HOL Holland	MLI Mali
CVA Vatican City	HVO Upper Volta	MLT Malta









- 870 Puerto Rico. WHOA with Eng relig pgmg, under looped WWL, s/off 0405 on 8/29. (Breger, NY)
- 870 unID. Radio Nacional 0930 8/30 poor to bad with fading in QRM, SS, mx was universally tropical; WWL looped so no DF, is the new HJ on? (Murley)
- 908 unID TA. S/off 0255 9/16, bearing roughly 40° but couldn't get a fix on it due to short duration of reception. That direction and s/off time could indicate a fairly deep Russian or something else. Nothing listed with s/off even close. (Edmunds, NJ)
- 910 Mexico. XEAO, Mexicali IDs as "la nueva AO" giving phone 5-19-91 for requests, 0927 9/20. (Hauser, Texas)
- 917 Yugoslavia. Operatic mx with male vocalist looping 50° or so at 0253 on 9/16 must be Ljubljana. (Edmunds, NJ) (Also Edmunds on 935 item)
- 935 Ukraine. Lvov hrd in WPAT null with minor splash from WBen with orchestral chamber mx, looping 45-50°. Later check says null should be 46+ degrees. This was 0245 9/16 and with Slavic language commentary by a man.
- 944 France. Toulouse 9/16 at 0450 // 1205 and 1554. (Breger, NY)
- 1080 Cuba. CMEN, Radio Caribe, Isla Juventud right on freq with sportscast, under KRLD OC, ID, mx at 0945 9/20. (Hauser)
- \*\* 1082.6 Dominican Rep. Radio Programas Quisqueya (RPQ), Santo Domingo, drifting from assigned 1080 kHz on 8/28. (Objio)
- 1100 Antigua. ZDK hrd 2345 9/19 to 0030 9/20 (love that GMT-pls) (comment was modified per III-a-2b of the Ed. policy -ed.). They had religion before 2400 and mx after; no sign of WKYC. (Sullivan, Mass) (Hauser, 1200)
- 1200 Venezuela. YVOZ, Radio Tiempo, Caracas ending "Serenata" pgm, ID, begin "Concierto Venezolano," a request pgm, at 0857 9/20. WOAI presumed off.
- 1212 Colombia. HJBE on 9/17 at 0056 with usual ID of series of 4 notes and "Colombia". Could not check 1210 for HJFF due strong WCAU. (Breger, NY)
- 1214 Albania. Tirana noted 9/16 at 0430 with their 2-trumpet ID, under BBC who had Big Ben, BBC ID, mx and wx. (Breger)
- \*\* 1295 Sint Maarten. PJD2 is now running until 0300 and with much stronger signals and better audio than last season. (Edmunds) (Breger, 1200)
- @ PJD-2 hrd 9/20 at 0228 with relig pgmg in Eng giving S.Maarten addr. 1325 Haiti. 4VW, Port-au-Prince hrd with "Radio Haiti" ID after a jazzy voice jingle at 0130 9/20; no trace of Costa Rica. (Breger, NY)
- \*\* 1350 Dominican Rep. Radio Listin, HIXZ, Santo Domingo, is a new station, or a change of name from Radio Triunfo. It is now operated by the newspaper "Listin Diario" and the director is Luis O Urefia S. and they operate from 1200 to 0500. Addr P.O. Box 68. They also broadcast on 89.1 MHz in stereo. Pgm is mostly instrumental mx. (Objio)
- 1520 Colombia. HJLQ, Radio Minuto, Barranquilla, IDs as "la emisora diferente" TCs, pop mx, 0817 9/20.
- 1554 Lithuania. Per Page T. tip, hrd audio o/u Nice 0225 9/16 in a language sounding like a cross between Russian and Greek. (Page says that is what it appears to be, on first listen-rje) With Mayak pgm with exc. sigs to about 0240, when they faded under again. (Edmunds)
- 1565 Colombia. Tentatively HJZT, Manizales as the only one recently reported as drifting here. Had SS ancr, Colombian music, hrd 0210 and on 9/16 but loop bearing seemed to be only 175° indicating extreme eastern part of the country. (Edmunds)
- \*\* 1578 Portugal. CSB5 in extremely well 0200+ also at Kocsan's mid-Jersey QTH. This one obviously on a new sked from that shown in WRTVH. Had much MoR and pop mx, a rather listenable pgm. (Edmunds)
- 1586 USSR? About 6 or 3 words of Russian by male anncr poked through WDR at 0442 on 9/13. Tentatively Tartu. (Edmunds) (Tartu is near Estonia -ed.)
- \*\* 1600 Mexico. (cf. 3/27 IDXD) the new Mexican here is definitely XERTP in San Martín Texmelucan, Puebla, not XERCP, Purépero, Michoacán, as previously reported. Again being hrd with good signals on 2nd harmonic, 3200 kHz with s/on at 1157, then, "Amanecer en Puebla" hrd until 1300. Also audible in the evenings. A rpt sent to San Martín some months ago has not been answered or headed. (Hauser, Texas)
- 1602 W. Germany. Munich now NSP, 10 over 9 0200 9/16, light mx, male anncr. (Edmunds)

## Geomagnetism and the Sunspot Cycle



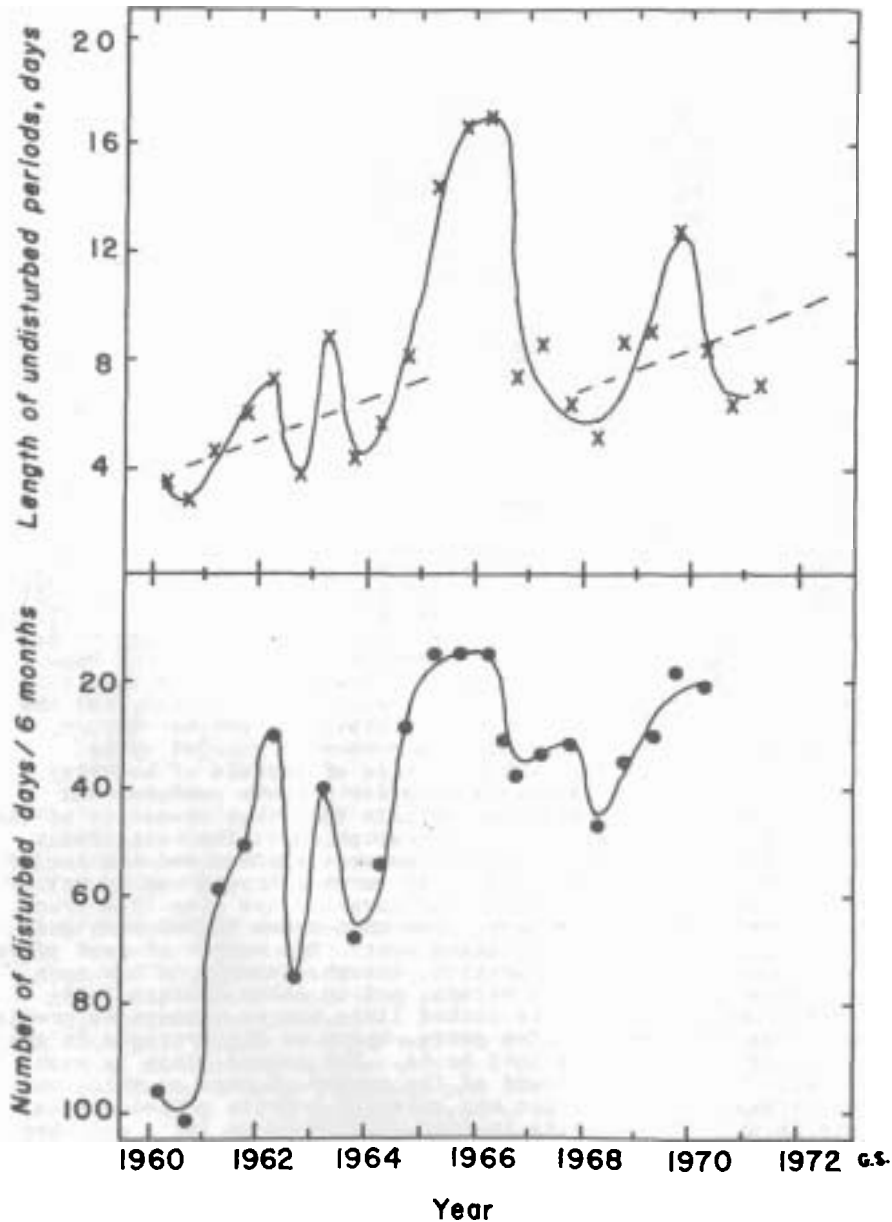
by K. G. Scrimgeour

Several months ago, Gordon Nelson sent me a compilation of the geomagnetic data from January 1960 on. Included were the A values (geomagnetic indices that you see each week in the graphs of IDXD) for each day, and along with the data I have in my own files, I started to compare the years from 1960 to date, the length of one sunspot cycle.

My first thought was one of relief! I'm glad I didn't have a radio in 1960... At that time, the sunspot count was down to about 150 from the peak of over 200 a few years before. Sunspot levels go in cycles of approximately 11 years, with the maxima being reached rather quickly (2 to 3 years) and the minima being reached slowly (that's the time when we get best long distance DX; at the minima). The A values for 1960 were, by our standards, appalling. There were 198 days of that year when the A value was 15 or higher. The longest period of activity below 15 (15 is the level which seems to give disturbance for the BCB) was only 9 days. Contrast that with the data tabulated for the period of 1965 to 1969 (DX NEWS, 1/24/70), when even in recent poor years there were many consecutive days that were undisturbed.

I have looked at some of these data for the last 11 years, to see if I can notice any correlation between sunspot level and geomagnetic index. And, hence, BCB propagation. Naturally, it'd be nice if there were some obvious trend so that we could tell if any given year is going to be one with a lot of openings or not.

First, I can't see any unambiguous answer to the last hope, but I would hazard the guess that 1971 will be better than 1970 (even if it is only because of the recent quiet period, and the desire for some good DX). I have plotted two graphs, though, that indicate a few things about our current sunspot cycle. The top graph shows the length in days of periods of activity below 15. These are average values for 6-month periods, and you'll recall from my previous article that they seemed to be the most valuable measurement. In the graph, note the coincidence around 1966 of the good DX at the sunspot minimum and the longer geomagnetically quiet periods. The curve I have drawn is rather bumpy - no computer to smooth the curves - but even this crude date is meaningful. The bumps show that there can be both good and bad DX times during any given year. The number of good periods, their quality, and their duration, though, depends on how soon the next geomagnetic storm occurs, and on other factors (mid-winter anomaly, etc.). The dashed lines are an attempt to predict our course over the next few years, based on the averages in the decline of sunspots from 1960 to 64. The second graph is much simpler. It's just a record of the number of days on which the A value was 15 or above for any calendar 6-month period. Again, there is the high activity in 1960, declining to 1965, and then the onset (not so bad, either) of our latest maximum, reached about mid-1968. I still feel that the first curve and similar material is more useful for us. Already in this cycle, we're better off than we were in 1964. Barring something unexpected, we should be entering 5 years of fairly good to excellent DX on the medium wave. I see no evidence of the aurora lagging a year or so behind the sunspot maximum, but nothing to exclude it, either. Let's hope conditions keep improving!



(At the recent NRC Convention Mike Northam reported that there is a proposal currently before the FCC to permit carrier-current type Ed stations to boost power to 40 watts, install antennas & take commercials. If this set of proposals is OK'ed there'll be some interesting implications... GPN)

FROM *9/16 Rolling Stone*:

### Lid is clamped on Yonkers pirates

BY TIMOTHY CROUSE

NEW YORK — Samuel S. Weiner, a 50ish Yonkers lawyer dressed in a modish black-belted jacket, sat in a large grey room in the basement of New York's Federal Court Building, talking to a potato-faced US marshal. A hundred feet away his 18-year-old son Allan — a tall, stooped, rabbinical-looking longhair — sat in a yellow detention cell, waiting to be arraigned. The long arm of the Justice Department had picked up Allan early that morning for violating the Federal Communications Act of 1934, which prohibits operating a radio station without a license.

"I'm no fan of my son's radio station," Weiner had told me, but now his paternal pride was welling up. "You wouldn't believe it," he kept repeating to the US marshal. "My son took all this shit, this second-hand garbage, and built a station as good as one guy can build in town for \$75,000. He used all this World War II equipment from B-24s. If he wanted to, he could be making \$30,000, \$40,000 a year at the age of 19!"

But Allan hadn't taught himself radio technology in order to be able to invest in Westchester real estate. He and his cell-mate, Joseph-Paul Ferraro, were confirmed pirates; their mission was to break the FCC's grip on the airwaves. Until that morning they had operated four successful radio stations in Yonkers, in defiance of FCC warnings.

"The thing that separates us from

other pirate broadcasts is that they're told once and they go off and they're gone," said Ferraro, a 23-year-old college drop-out. "We believe in free radio, where anyone can come in and say anything without Government control. We have been waiting for months to be indicted." Allan and Joseph-Paul intended to make a test case of their "Constitutional right to broadcast."

About a year and a half ago, Allan Weiner and Joseph-Paul Ferraro built twin studios in their respective Yonkers homes. Last January they began to broadcast daily from noon to 4 AM, switching studios on alternate days so that neither house would be constantly besieged by staff members. One day they would broadcast WKOV-AM from Allan's house at 87.9 megacycles; the next day WFSR-AM from Joseph-Paul's house at the same frequency. Later they added WXMN-FM and WSEX-FM at 1620 kilocycles. Their programming was a freeform amalgam of classical music, rock and talk. According to Ferraro, "People were coming down to do shows on our station instead of sitting around on the corner and getting busted."

When they applied for a license at the FCC office in New York, said Ferraro, "The FCC guy asked us if we had a million dollars. We said no. He laughed at us and said, 'Forget it.' He wouldn't even give us the form."

One day in the middle of January, someone knocked on the front door of Ferraro's house. "It's the FCC," said a male voice. Joseph-Paul opened up, thinking it was a staff member perpetrating the standard joke. It wasn't.

The FCC man made Joseph-Paul shut off the transmitter and accused him of causing interference on the FM band. Ferraro pointed out that 1620 was a free channel and that he had filtered out the "second harmonic" which might have interfered with ship-to-shore transmission. "Well," said the FCC man, changing his tack, "you can't operate without a license." He left it at that. Weiner and Ferraro went back on the air. Weiner received a similar visit about a month later.

In the spring, local police began to tail the two pirates, their parents and their staff members. Detectives followed Allan to high school every day in an unmarked car. Allan and Joseph-Paul stopped broadcasting for a week and went to Washington to see Nicholas Johnson, the apostate FCC Commissioner. Johnson approved of their project with a "Right on!" but his only advice was that they apply to the FCC to put their frequencies up for allocation. That would have done no good, since one of the million-dollar concerns would have snatched up the title to the frequencies. Besides, the pirates had become dedicated outlaws, determined to continue broadcasting with no Government strings attached.

29  
From the mail and phone calls they received and from the number of local cars and trucks that sported makeshift WSEX signs, the pirates calculated that they had thousands of listeners. Their transmitters (300 watts on AM, 250 on FM) were feeble compared to the 50,000 watts that many commercial stations boast, but the pirate stations easily covered the entire New York-New Jersey area. On a good night, when atmospheric conditions were right, the stations could be picked up as far away as Quebec and Florida. Because both the AM and FM broadcasts went out on channels that were totally clear, they didn't need much power to boost their signals.

At 8 AM, August 12, four US marshals and three FCC men raided Weiner's house. While Allan watched, professional moving men ripped out the wiring in his studio and carefully carted away his equipment. At the same time, other agents were stripping Ferraro's studio. "It took us a year to build," said Allan, "and it took them four hours to get rid of it." The equipment had a face value of \$3000 but much of it consisted of irreplaceable, connoisseur surplus items which the pirates had put together after months of scrounging through second-hand stores.

After spending several hours in a cell, Allan and Joseph-Paul were arraigned in the late afternoon, pleaded not guilty, and were released on their own recognizance by a federal judge. Allan could be sentenced to a year in jail and a \$10,000 fine on each of three counts (one for each of the dates on which the FCC monitored his broadcasts). Joseph-Paul faces the same penalties on two counts.

Weiner and Ferraro hope to make this a landmark case. "The government wants the airwaves controlled," said Joseph-Paul, breathing easier as he stepped out of the courthouse and into the evening sunshine. "They're keeping them controlled through the FCC. You have a license, you do what we say, or else zip. You're gonna protect your investment when you have a license. After the licensing fees, the ten years of lobbying for the license, the antenna permits, the construction permits and the engineering surveys, that station costs you a lot of money. You're not gonna say anything about the system that gave you all your money. It's de facto censorship. Also, the Government now has a precedent with its ban on four letter words, and they can extend that to criticism of the President or of his policies anytime they want. On our station, if someone wanted to say 'Fuck the War,' he could go ahead and say it."

On the afternoon of the arraignment, a New York Post reporter asked Curtis Plummer, the Chief of the FCC Field Bureau in New York, about the system for allotting air space. Mr. Plummer said that air space could be allotted only to stations that were worthwhile. And what did "worthwhile" mean? "To be worthwhile," Mr. Plummer replied, "you have to be big, and to be big, you need a lot of money."

THE STRANGE CASE OF THE YADLAND DISAPPEARING FOOTBALL PIRATE  
- JERRY STARR

LAST SATURDAY WHILE DRIVING HOME FROM WORK AND TUNING AROUND ON THE CAR RADIO I NOTED A VERY LOUD 1000 CYCLE HETRODYNE ON THE HIGH SIDE OF WGAR-1220. SINCE THE HET REMAINED STRONG ALL THE WAY HOME, A DISTANCE OF TEN MILES, I RULED OUT TELEVISION SWEEPS AND OTHER LOCALIZED NOISES. IT MUST BE A STATION OFF FREQUENCY OR A NEW PIRATE IS ON THE AIR!

I RUSHED HOME AS FAST AS THE AFTERNOON TRAFFIC WOULD ALLOW, FLEW INTO THE HOUSE AND TURNED ON THE EQUIPMENT, ANXIOUS TO LOG MY NEW DX CATCH. I FIRST MEASURED THE FREQUENCY OF THE MYSTERY CARRIER AT 1221 kHz. NOW, TO TRY AND RECOVER AUDIO ENOUGH FOR AN I.D.

THE FIRST STRANGE THING WAS HEARING PLAY-BY-PLAY FROM THE OHIO STATE FOOTBALL GAME. ODD PROGRAMMING FOR A PIRATE, MUST BE A NEW RARE CATCH SLIGHTLY OFF-FREQUENCY. AND IT'S ALMOST HOURLY I.D. TIME !! MY HAND BEGAN TO SHAKE SLIGHTLY WITH THE MAGIC WORDS: "WE PAUSE TEN SECONDS FOR STATION IDENTIFICATION...." AND THEN THE CARRIER SIMPLY DISAPPEARED....."THE DAMN THING JUST DISAPPEARED...." ARRGUHHH!!!! TEN SECONDS WENT BY AND, ONCE AGAIN, THE CARRIER WAS ON. THE GAME COVERAGE CONTINUED FOR SEVERAL MINUTES, THEN I HEARD "....WE'LL BE BACK AFTER THIS COMMERCIAL PAUSE FROM OUR LOCAL STATIONS...." AHA! ANOTHER CHANCE FOR AN I.D. POP! THE CARRIER WAS GONE AGAIN ONLY TO RETURN EXACTLY 60 SECONDS LATER. DOUBLE-ARRGUHHH!!!!!!

I DECIDED TO THINK THIS THING OUT, COUPLA' CANS OF BEER IN HAND. LET'S TRY THE LOOP. THE CARRIER DID THE SAME AS LOCAL WBBW-1240 AND, SURE ENOUGH, THEY WERE CARRYING O.S.U. FOOTBALL. SETTING UP A SECOND RECEIVER ON 1240 IT BECAME CLEAR THE MYSTERY CARRIER ON 1221 DROPE OUT EVERY TIME WBBW CUT AWAY FROM IT'S NETWORK FEED TO DO A LOCAL STATION BREAK OR COMMERCIAL. HOWCUM?? COUPLA' MORE CANS.

AFTER THINKING IT ALL OUT, I CAME UP WITH A THEORY AND, UPON CHECKING WITH WBBW PEOPLE BY WAY OF WES BOY, FIND OUT IT WAS CORRECT. CAN YOU UNTIE THIS KNOTTY PROBLEM? SET YOUR BRAIN IN GEAR, COUPLA' CANS, READY? ANSWER NEXT ISSUE.

(First one to write HQ with the correct answer to this mystery will receive a free copy of the NRC Pattern Book when it comes out. We will run the solution in the issue after next. HQ)

SOME LAST MINUTE IDXD INFORMATION...



KUWAIT. Radio Kuwait began experimental test broadcasts on 1333 kHz on September 13th; no further information available at this time. (Editor)

LIBYA. The Liyan Radio began a new series of broadcasts beamed to Chad in Arabic and native languages September 12th on the odd frequency of 1200 kHz. More information requested. (Editor)

## Fatter Japs ~~X~~ Mushrooming Changes

JAPAN. The previously announced BCB changes will be implemented on November 1 as follows:

### 1- FREQUENCY AND POWER CHANGES

Bc. Co. ("Hoso")	Presently		changes to	
	kHz	kW	kHz	kW
Nippon (JOLF)	1370	50	1240	100
Sapporo (STV) (JOWF)	1460	5	1440	50
R.Osaka (JOUF)	1380	20	1310	50
NHK2 Fukuoka (JOLB)	870	100	980	50
NHK2 Kumamoto (JOGB)	1590	10	870	500

### 2- FREQUENCY CHANGES

NHK1 Morioka (JOQG)	850	970
Kita-Arami	980	930
Kofu (JOKG)	"	"
Fukui (JOFG)	"	"
Wakkanai (JOIQ)	"	"
Matsue (JOTK)	1240	1300
Kyoto (JOOK)	1300	620
Hachinohe (JOTQ)	"	1000
Komagane	"	"
Tottori (JOLG)	"	1320
Kawamoto	"	"
Kumano	"	1380
Hino	"	"
Takamatsu (JOHP)	"	"
Yabahama	"	"
Taisho	"	"
Imaji	1320	790
Hikimi	1440	850
Mitsugi	"	"
Nihama	"	"
Uwajima (JOZU)	"	"
Karatsu	"	1030

### 3- POWER INCREASES

	Presently	changes to
Hokkaido (JOHR-1290)	10kW.	50kW.
Tohohu (JOIR-1260)	10	20
Tokyo (TBS) (JOKR- 950)	50	100
Bunka (JOQR-1130)	50	100
R.Kanto (JORF-1420)	10	30
Chubu Nippon (JOAR-1050)	10	50
Tokai (JOSF-1330)	10	50
Asahi (JONR-1010)	20	50
Mainichi (JOOR-1210)	20	50
Kinki (JOBR-1140)	10	20
R.Kansai (JOCR- 560)	10	20
Chugoku (JOER-1350)	10	20
Kyushu Asahi (JOIF-1410)	10	50
RKB Mainichi (JOFR-1270)	10	50
NHK Sapporo (JOIK/JOIB, 570/750)	100	300
Sendai (JOHK/JOHB, 890/1090)	10	20
Nagoya (JOCK/JOGB, 730/910)	10	50
Osaka (JOBK-670)	100	300
Hiroshima (JOFK/JOFB, 1070/700)	10	20
Fukuoka (JOLK-610)	100	300



# CPC-ER OF THE YEAR: DAVE SCHMIDT I

CPC Report from  
Jerry Starr

GROK



*Congratulations to Dave, the CPCer of the Year for 1970-71. Dave was responsible for eight of the NRC DX Tests last season, more than any other CPCer. Since Dave worked for a brief time in Youngstown, before the pollution got him, I had a chance to see first-hand how hard he worked to arrange these tests. The CPC Award he receives is small payment for the work he did. Thanks, Dave!*

*How did we do overall? Well, not as well as last year but the NRC still came up with a respectable number of DX programs. Here is the final CPC Score for the 1970-71 season:*

	<u>NRC</u>	<u>ORCA</u>	<u>NNRC</u>	<u>Other</u>
1970	40	29	27	16
1971	30	23	12	0

*I guess right now would be a good time to appeal for volunteers for the CPC for the DXing season now upon us. The general rule-of-thumb seems to be accurate; the fewer CPCers, the fewer DX programs. This past season saw a drop in the number of members arranging tests. Let's hope this isn't a trend. CPC work can be one of the most rewarding aspects of NRC-dom, just ask any CPCer who has arranged a widely-heard test. Better yet, why not experience the satisfaction yourself. We need as many CPCers as we can get! If you're interested in helping out, just write me. I'll send you the NRC CPC info. If you can spare only a few hours a week you can do a great service to your fellow DXers by working for the NRC CPC. I know you all enjoy hearing these tests, they have added many rare loggings and veries to NRCers totals. Just remember, without workers, there is no CPC and there are no tests. Now is the time to reverse the downward trend in the number of tests. Join CPC now and do something for your NRC. This is a participating club so let's participate. OK? Thanks!*

73's and Good DX,

- The object of this contest is for the entrant to conclusively log as many stations as he is able, within the format of the reporting system and in as many of the regular contest divisions as he wishes, assuming his eligibility therefor.
- The regular contest divisions are as follows:
  - Division A : LATIN AMERICA - Includes Mexico, Central America, South America, Caribbean but not including Bermuda.
  - Division B : TRANS-ATLANTIC - Includes Europe and Africa
  - Division C : TRANS-PACIFIC - Includes Asia & Oceania (incl. Hawaii)
  - Division D : NORTH AMERICA - Includes Canada, Alaska, continental U.S., Bermuda, & St. Pierre.
- The term of this contest will be from 9/15/71, 0000 GMT to 5/15/72 at 2359 GMT.
- The contest fee will be \$1.00 per division entered.
- No entrant may be eligible for a contest division if he lives within that Division.
- Deadline for entries is 11/15/71, although new members wishing to join will have 30 days from their joining the Club to enter.
- All contest forms must be received no later than 6/15/72. All late forms will be discounted.
- Call changes or slogan changes will NOT constitute a new logging.
- Where any change in frequency occurs within the term of the contest as specified above, no station may be counted on any subsequent frequency unless such frequency is no less than 5 kHz. removed from the original frequency.
- Winners will be announced in the bulletin as soon as they are available.
- No entrant may receive prize monies from any more than one contest division.
- The contest manager will be ineligible for prize monies.
- The contest manager will have exclusive authority for any and all decisions of validity and/or scoring.
- SCORING: Each contestant will receive an initial contest logging form for each division entered providing for four (4) stations in each frequency block ( i.e. 1400-1499 kHz. ) with the exception of the block for 525-599 kHz., where three (3) stations will be required. When a form is completed, it should be returned to the contest manager, who will, in turn, send the entrant additional forms as needed. No entries may be made on any additional forms for dates/times earlier than the latest date/time appearing on the previous form. Points will be awarded as follows:
  - a) 1 point for all stations within 250 miles of entrant's QTH.
  - b) 2 points for all stations lying 251-500 miles from entrant's QTH.
  - c) 3 points for all stations 501-1000 miles from entrant's QTH.
  - d) 4 points for all stations 1001-2000 miles from entrant's QTH.

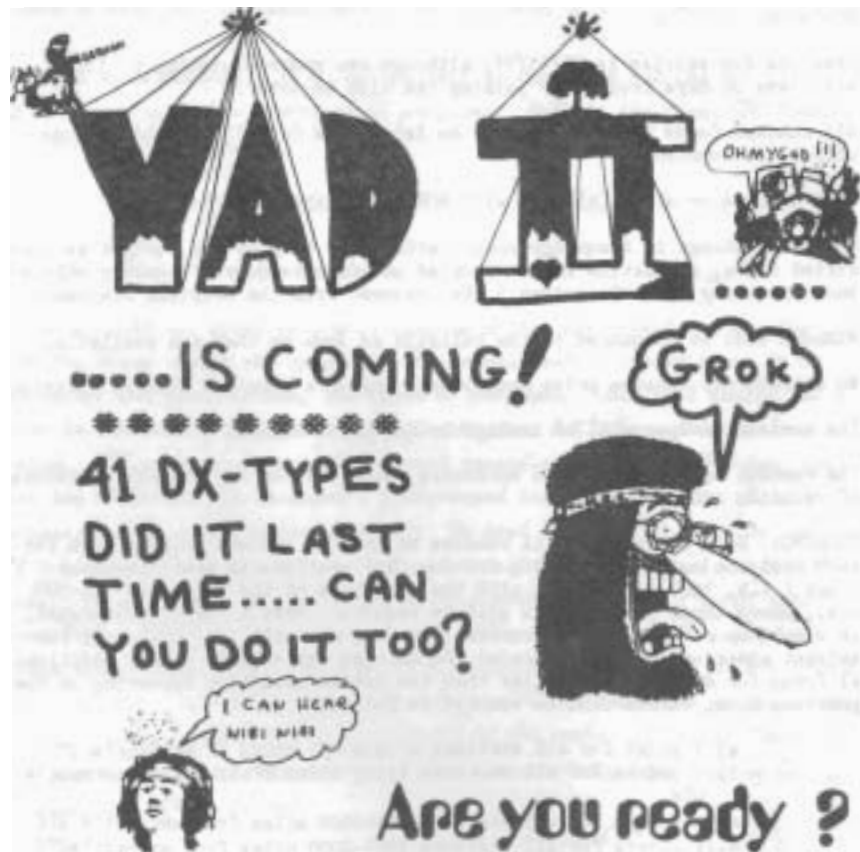
## 14. SCORING (cont'd)

- e) 5 points for all stations in excess of 2000 miles from the entrant's QTH.
- f) MINUS 3 points for all blank spaces.
- g) BONUS of 25 points applies to all completed forms.
- h) NO point deductions on the final ( or only ) form submitted by any entrant in any division.

15. No entrant need complete a form if he is unable to or does not wish to. The usual point deductions for blanks will be taken, and no bonus given, and a new form issued.

16. This is a fun contest, and it runs on the honor system, so please act accordingly, and Good Luck !

CONTEST MANAGER: R. J. EDMUNDS, BOX 946, WAYNE, N.J. 07470.



Stgns LARRY VAN HORN - Fleet Sonar School - BKS. 438, RM221 - Key West, Fla.33040

Greetings fellow NRcErs from the long-lost sailor. After a fairly brief absence I now can return to the active fold of the NRC. A small intro is in order for our newer members. I am 19, sooner to 20. I joined the Country's Canoe Club in 2/71. I am now in Fleet Sonar School for a spell. My present RX is an Allied 2682 portable. Greetings to all the old timers and friends, and to the new members, welcome to the world's finest, the NRC. Question Dep't: Who can tell me when my renewal is due? I don't want to miss one issue. Walt Breville & all others, write! Not much DX done yet but a lot of Cubans noted, naturally. Miami stations are relatively weak here - why? More info on DX and totals next issue. All you Miami DXers rite as I would like to meet you if possible during my stay here. Well, not much more from here so I'll sign my Muse for this time. 73s & good DX amigos, and see you all next issue.

KEN ONYSCHUK - 1643 Olive Road - Homewood, Illinois - 60430

I received my DX NEWS #32 on 9/15, so I figured it was about time to Muse again. That 9/17 TEST on WYRE-810 Md. pulled a surprise on me, instead of WYRE, I received a weak KCMO 12:45-1, usually an SSer. I woke up 9/13 @ 4:55 am, tuned in WGN-720 SP, and picked up some weak mx, maybe KIQX, Las Vegas, though no ID. A few others have found their way into my log. At SSS: KVOO-1170 Okla. 8/2; WKLO-1080 Ky. 8:50:55 rr; WHBL-1330 Wis. 8:30 ID on 9/2; WSAO-1550 Miss. 9/12 s/off; CHFI-680 Ont. 9/8; KXEN-1010 Mo. weak 9/7; KLRN-1010 Ark. St. L. BB, ID u/CJBC, early 9. WSHR-970 S. Holland, Ill. 10:15-11pm (serving the South Suburbs from South Holland) rr, non-ed, a new one, at night. WWTC-1289 Minn. u/WGBF/WMRO @ 9:30pm ID 9/2; WKBZ-850 Mich. u/KOA 12:15-1am s/off 7/31; KFT-640 u/CMQ, 11:30-12 7/14; 11:57pm-12:05am 9/1, now regular after 11pm with fair reception, especially Dodgers BB; CJGX-940 Sask. u/CEM, 11:50-12 9/14. Please reserve the NRC Pattern Book, sound like the hottest thing in DXing. I got a weak XELO-800 9/16 @ 1 am, Rick Needle announcing Record Roosts till 3am. I have taped XELO's s/off last Winter @ 3am, though with much QRM from CKLW, a rr-er that clogs ip 800 almost 24 hours daily from here. I was fishing Kankakee River 9/12, CKLWrr; WJR-760 clear. I have to go for now, P.O. beckoning me. I have Sox game to see 9/18. Announcer Harry Caray in bleachers for last time in '71. His popularity is fantastic. Good luck DXing. See ya all in a few weeks. 73.

JOE A. MARKIEWICZ - Camp Morton, Manitoba - (temporary address)

In the DX NEWS which arrived on 9/15 I noticed that KEMR-1350 had a CP on 1130. I thought it would be many months before KEMR did anything w/ it. Later on that day I noticed WDGY was giving an UNID station a rough time. Sure enough, it was KEMR-1130, Bismarck, N.D. KEMR puts in a poor signal to Winnipeg w/severe WDGY interference a few hours after SRS & a few hours before SSS. Before KEMR moved to 1130, WDGY was in here all day. KEMR has ABC NX & ID as "Welcome to KEMR, 1130 on your dial, North Country Radio, the Big Country Sound," etc. And if you haven't guessed it yet, they are a c/w station. A few weeks ago I received a v/1 & CM from KEMR and the owner never mentioned a frequency/power change. Also I finally got a v/1 from WDAY-970. It took them two years to verify. So far I've verified 25 N.D. and am still waiting for a verie from KTCO KOVC. If I get them verified that means I will have verified all the N.D. stations and I'm kinda hoping to do it by the end of '71. Some other veries: WNAK-570 WAVE-970 KNEB-960 CKDA-1220 KEMR-1350 CKLC & CBEL-1510, my third LPRT verified & my first Ont. LPRT. The four Cubans verified here at the moment either took 59, 60, 60 and 110 days to arrive here. The letters were sealed in Cuba and then remailed from the Cuban Embassy in Ottawa. So far I've received two letters, one v/q, two I.S.R. pennants, one RHC button and an RHC postcard from them. I guess when you are the "bad guys" you try harder. CMGN CMQ CMCA sent v/1, QMRR v/q. Some DX here includes KVCK-2450 @ 1:45am 9/11; 9/13 CKDA-1220 o/u CJRL/CC; WGAR @ 11:58; CKVN-1410 in like a local, bombing out WIZM KCOL KANL KWYO CKSL @ 12:10, KTEE-1260 @ 10:10. CJSL-1280 @ 11:30. School can be a bit of a drag! 73.

G. HARLEY DeLEURERE - vacationing in - Aberdeen, Scotland  
Greetings from Scotland!

MORRIS SORENSEN - God's Narrows, Manitoba

Here's my first report from God's Narrows, 350 miles N of Winnipeg. I'm teaching Grade 5 in an Indian school. DX here hasn't been too bad considering limited time & the fact I didn't get a decent antenna up until 9/11. I must have about the lowest station density of anyone in the Club - at least in mainland N.A. My closest station is CHIM-610, Thompson, Man., 155 miles away, w/lkw! Otherwise nothing within about 300 miles or so. However, the power line noise here is terrible, often blocking off the whole dial. It seems funny starting all over again on my totals and my loggings so far consist of a strange mixture of clear channels & semi-decent DX: 9/3- WHO-1040 @ 12:20am. KFAB-1110 @ 12:57am; KMOX-1120 @ 1; CHIM-610 Man. @ 5:30pm; WDGY-1130 Mimm. @ 10:32pm; CKY-580 @ 10:40pm; WWTG-1280 Mimm. @ 10:44pm; WLS-890 @ 11:04pm; WHAS-840 @ 11:07; KOA-850 @ 11:08; WBEM-780 @ 11:23; KXYZ-1360 N.D. @ 11:25pm; KSTP-1500 @ 11:28; KQMA-1520 11:32; KRCX-1480 Mimm. 11:33; WCFE-1000 @ 11:52pm; WNL-870 @ 11:56. 9/4- WBN-720 @ 12:05am; WTR-760 @ 12:06; KXEL-1540 @ 12:14; KFRN-550 N.D. @ 12:13; WMAQ-670 @ 12:17; WCCO-830 11:31pm; KOTA-1380 S.D. 11:33; CFSL-1190 Sask. 11:40; WGAR-1220 O. @ 11:51; WOAI-1200 11:52pm. SM 9/5- WHAM-1180 N.Y. @ 12:02am; WTSO-1070 Wis. @ 12:04; KMON-560 @ 12:18; WLWL-1330 Mimm. 12:23. MM 9/6- CHLO-1570 Ont. w/a tremendous signal for my first catch from my former home province @ 12:35 am; KCRG-1600 Ia. @ 12:52 s/off; WCWC-1600 Wis. 1:04 s/off; CBE-1550 @ 1:07am s/off; WISM-1480 Wis. @ 1:11; KOIL-1290 Neb. @ 1:18; WBAY-1360 Wis. @ 1:29; WSIR-1350 O. @ 1:30; CKX-1150 Man. 1:58; CFRW-1470 Man. @ 11:43pm. 9/7- KSO-1460 Ia. @ 1:35am. 9/9- WKJG-1380 Ind. @ 12; WSET-1360 Ind. @ 12:54; WWJ-950 Mich. 12:58am; WBAP-820 Tex. @ 1:31; XEW-900 @ 1:34; CKRC-630 Man. @ 1:37; WLN-700 @ 1:42; XEIM-1580 @ 1:45am. 9/11- KFI-640 @ 12:35am. SM 9/12- CJGX-940 Sask. @ 2:21am; WSM-650 @ 2:28; WOWO-1190 Ind. @ 2:33; KSTT-1170 Ia. @ 2:35. I must be close to 30!

BART CRONIN - 10615 235th S.W. - Edmonds, Washington - 98020

Note new address at 47° 47' 09" N, 122° 22' 50" W. I am located about ten miles N of my former address in Seattle, & about 8,800' NW of KGDN-630. CX are much better here & I have managed to rid myself of nearly 60 images I had from six stations within five miles across salt water. Sorry I couldn't make it to the Convention since it was so close. I was at the dials most of MM 9/6, however, using the HQ-160 & Roy Millar's Space Magnet which he has graciously loaned to me. Fantastic CX! To new states added (now 30 in two years of occasional DXing), plus a new province, and new country (Bonaire). I noted KFQD-750 with about S-5 nearly AN, but no Fairbanks stations. About 7:30am EST the first Oriental started in on 770. Between then @ 9:15am when I went to bed Japanese were noted on 650 770 & 830. Phonyang-655 up to S-5, I believe Taiwan-660, very notable Chinese, plus other Chinese on 835 & a 20/S-9 from Peking, 1040. No traces of Aussies or Zedders, so path here was definitely Northerly, plus Bonaire-800 & I believe TGJ-880. Nothing firm for program details on anything except Bonaire. I added 12 domestics, including CJBC-860 WABC-770 KSAI-1150 w/KAYO nulled, KISN-910 w/KIXI nulled, & KOZE-1300 u/S-9 plus 20 OC of KOL. I checked usual Eastern stations on evenings of 9/6-7 but no traces of WCCO WGN WSB WSM, & low level of WWL & WBAP, so CX were definitely much poorer. I am anxious to see the Auroral charts for that period. I recall during the Eugene Convention of 1967 that we had similar excellent CX w/Peking-1040 making an appearance not long after the Admiral retired. With my limited indoor space, I certainly am sold on the SM-1, and I am planning on getting one ASAP. 73s.

BRUCE D. BENNETT - 82 Norman Lane - Levittown, New York - 11756

I just returned from a two week trip to Europe. I DXed EE stations only. In Copenhagen, only one was received - R. Luxembourg, also calling themselves Radio 208. (Which I later found out meant 208 meters or 1440 k.) Programming was rr & NX was via The Daily Mirror of London. No DXing done from France or Sweden. "Radio 4"-908 was received signing off @ 11:15pm GMT from Brookman's Pond, London. R. Luxembourg was also received from London. I think a Groundwave Conductivity Map should be included in the NRC Antenna Pattern Book. Recent veries: v/q- WSPD-1370 WIXZ-1360 WNOX-990. A note to International DXers: London is currently on GMT because of "Summer Time." 73s.

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

It is a long time I am missing from this section, so here I am again. Last June I was on vacation in Puerto Rico where I met David Gleason, a pleasant meeting, we had a good talk and I could see his RX, very good; first time I saw the famous Space Magnet in operation, but only in the daytime. I hope everybody have had a good time in the Sacramento Convention, too far for me to attend, I also hope that Miami is the next Convention site for 1972. I have not been very active DXing because I have started studying in the evenings and most of the time I am busy, also two months passed without my receiving DX NEWS. Isur #30, dated July 17 is still missing. Can the B.P.C. send me a new copy? \* Thank you, gentlemen. Attention to everybody (especially to Ernie Cooper, hi): Dominican Republic time (EST) will be advanced 30 minutes on 9/24 @ 0500, GMT. More will be written next time. See you, friends. (\* On its way - HQ)

JAY MURLEY - 1733 Candlestick - Newport Beach, California

Two an interesting pair of Conventions in Sacramento. ERBA met in the bar, naturally. The temperance contingent drank cola in a Convention suite, and a little beer - but they kept running out. They did hold interesting meetings. The new Ron Wchetz explained his Laser antenna "You aim it directionally at the F Layer and all the radio waves that hit it are optic - magnetically attracted by the cardioid pre-amp." The old Gordon Nelson kept mumbling "We do not admit to CIA funding of the NRC's research and publishing efforts" as he described "The new series of monographs to be available at less than cost through our new printer, Gibraltar Steamship." Rusty Edmunds attempting to DX proved amusing, "Gee, all we get (from 550 to 1590) is WABC spurs and splash", while all the Easterners kept counting how many SAH's they could hear under the Hawaiian & three IAS backed up on some obscure mid-dial frequency. Tarawa was their big DX catch, though in all fairness it has to be noted that the music's fidelity suffered from some static due to unfortunate CX. One Bay Area member won the Lon Berman Award and then got a leg up on next year's by pulling a sneaky. The Padre proved he was a padre by not giving his usual ERBA benediction ("hic"). Advance hopes of lining Erickson up with a suitable roommate fell apart due to inaction from the San Jose contingent, but Nelson shoved the competitive publisher into a swimming pool anyway. (Regardless of any cop-outs you'll hear to the contrary, poor unsuspecting DEE was fully clothed, and perhaps the key - still sober at 1 a.m. that Sunday AM.) Several heads kept going out to "meditate" in a field behind the hotel, but the only O.D. was a member of the B.P.C. (How does he stay on the CIA - excuse me, Gibraltar Steamship - payroll?) And ERC & Foxy were particularly missed by the Pacific contingent. ("It's all a lie!" - Richard Helms)

FATHER JACK PEJZA - 3266 Nutmeg Street - San Diego, California - 92104

I finally got to attend my first NRC Convention; greatly enjoyed meeting GPN, RJE, Lerry Dinsmore, and many others for the first time; as well as seeing Ron Schatz, Big George Kelley, Ed Krejny, Mike Northam, and others again. Believe it or not, some DXing actually was done. GPN and RJE almost cried on hearing Gilbert and Ellice-844 very clearly, and yet not being able to count it. Don Keskey, in one of his rare appearances, was even seen DXing; he'll be blackmailed for that for years. Labor Day is a good time to have a Convention, coming right when it does at the beginning of a new season; it revives interest & enthusiasm. The store of technical information I managed to gather from Gordon should be of great help in understanding his (hoped-for) future articles. Jay Murley did an excellent job as auctioneer, managing to auction off the right to dunk Don Erickson to Gordon. Sad to say, ERBA seems to be disintegrating - several splinter groups such as EMBA and Kumquat were formed. The chances of my getting to Miami next Summer seem very remote; however, San Diego is going to put in another bid for the IRCA Convention, so maybe I'll be able to get to one Convention at least. Thinking ahead to the future, count on San Diego making a bid for the NRC Convention in 1973. 73.

OK, BOYS - IT'S A NEW SEASON! WHAT SAY A LOT OF YOU LADS WHO HAVE IN THE PAST BEEN VERY INACTIVE, AT LEAST IN PRINT, START Musing REGULARLY? DOUBLE SPACE!

G. B. SHERMAN - 104 Pinewood Circle - Rosemount, Minnesota - 55068

It was fun to meet some DXers a few weeks ago at IRCA's Convention. Yes, I am a member of that club, too, & I might even join the WTFDA as I also DX FM/TV. If anybody wants to send letters or tapes recorded on two tracks on 3" reels @ 3 3/4 ips, please do. I enjoy corresponding & will answer. Would you believe I built a loop? It works too, except it doesn't tune above 1450. I'd take off more wire but I'm afraid I'd destroy the low end performance. KFYR-550 is now strong days @ 390 miles groundwave, even on my Star Roamer which I wish somebody would buy from me, price reduced to \$35 postpaid. On my poor loop, when tilted, I can null ANY local down to S-1 or less! It is just a simple loop built w/instructions from "Roll Your Own" article. It took just several hours & cost around \$5. If I can build one, anybody can, as I have NO technical knowledge. DX is rather difficult here lately due to QRN. Yesterday around 5pm we had one rumble of thunder lasting over 35 seconds! DX, such fantastic results: One whole new station in August, hi. I DX almost daily, too. DX since my last report began on 6/16 when I got KVW0-1370 Wyo. ending r/c (erd Wed.) @ 2:15 w/WSPD QRM. I was thinking KVW0's f/c might be a good bet for DXers needing Wyo. who don't have WSPD problems, but I guess that excludes everybody, hi. MM 6/28- WCBG-1590 Pa. f/c u/WAKR/KVGB @ 12-12:15; KPUR-1440 Tex. f/c o/local "KQ" (? -ERC) @ 1:05-1:20, & finally KTOW-1340 Okla. @ 3 u/ten tons of static when I gave up & went to bed. 7/6- Unlisted f/c 1st Tues. 1-1:15, please ID for me, somebody, as I've got too much problem w/local KSO. I IDed KVOL-1330 Ia. r/c u/local WLWL/KWWL @ 1:30. MM 7/12- CHSM-1250 Man. fair/good o/WTAE @ 2, not IDed, but // CFAM-950. These two don't ID often, so just check 950 & 1250, & if you hear the same program you have two "IDs" hi. 7/22- KBUR-1490 Ia. f/c 1:05-1:20. 7/30- WFRO-900 O. s/on w/375w PSA @ 6, no QRM. CHML, where were you? 8/11- WCFP-1220 Tenn. good o/WGAR @ 6:25 w/Good Morning Show" -DJ says "Good Morning" and gives TC every minute they aren't playing a c/w record. 1,214 heard. Correspondence wanted.

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

9/15. That Convention at Sacto was very good. I was happy to see many old friends and meet some new ones. And, as every year, it got me gung-ho for DX. On Labor Day Russ Edmunds & I heard KCHJ-1010 (while waiting for his plane) The next day I logged them. Then on 9/11, while I was reading and fiddling with the dial on my portable, sneaking in between KRAK-1140 & KPNW-1120 was KLEI-1130. So I quickjump to the trusty NC-183D with its 12" ferrite loop (SM'1). I could get only CKWX. Then I tilted the loop & KLEI came in, logged 3:05-4:30am. I also relogged XEPRS-1090 (new call) 10:58pm-midnight. 9/13- I logged KVI-570 from 1:38-1:58pm, & CBK-540 from 2-2:06am s/off. I then logged CFFR-860 from 1:52-2:18am EST s/off. KCHJ-1010 announces 5,000w at night. Is this true or do they still use 1,000w at night? 73. (Times are EST)

JOHN TULL - 5539 Oak - Kansas City, Missouri - 64113

Not a lot of DXing in the past two weeks but I did pick up two new states. I received veries from KFYR ND. and WOKJ Miss. Other veries: KGB0 WNEW WIZM KOKN KSWM KNX WMBH KOTA KWEB WCAZ KIRL KILF KDFN WTJS WEPO KFMJ KJPW CJBC & CKX. Startling in two weeks I will be off every third MM. Perhaps now I can get some good DX. The NRC Pattern Book sure seems like a great great idea. I just can't wait until I have one. Keep up the good work. 73.

DAVID BURKE - 5538 Pawnee - Toledo, Ohio - 43613

Inasmuch as I've been in the Club eight months I thought it time I Muse. I might add as a one-time employe of Commercial Radio I'm glad to be on this side of it. Anyway I'm a truck driver presently. I have only three hours a week for this most interesting hobby. I use a Lafayette HA-600 RX & Space Magnet. Also I have an 85' inverted L. Anyway because of the lack of time I have only 500 heard & 102 veries. I might add though I have 95% veries. Recent ones are CKLB-1350 KOB-770 KIKI-830 KSD-550 KOPI-1180 & WHCU. Goodbye & good listening. (Welcome to the Musings, David - we hope you'll be back soon & often, and that you will DOUBLE SPACE - ERC)

THE NEXT N.R.C. CONVENTION IS GOING TO BE IN MIAMI! GET OUT YOUR MINKS!

MIKE COLLINS - 2021 Main Street - Stratford, Connecticut - 06497

This is my first Musing. I'm a grad student at Fairfield U. and during the Summer was a DJ at WING AM/FM, Sag Harbor, N.Y. I'm using a Grundig 3001. 540: Broadcasting reported new Mexican treaty authorizes WGTO to go 10kw N. I am wondering whether they've applied for a CP or have any plans. Maybe a Florida DXer would know. The FF Windsor Ont. dominates 540 here at night, w/XEWA Mexkco & rr WDAK Ga. (500w directional Southward) underneath, & CBT Nfld. too. 710: WOR off briefly around 5:40pm 9/12; CKVM Que. booming in; no WGES, which I've never heard even w/50kw, even though I've heard lots of smaller Fla. outlets like WSBB-1230 WJNO-1230 WMMB-1240 WAPE-690 (on N pattern) etc. 820: I spoke on the phone w/WDEA-1370 Mr. manager, who says station may cover all New England, depending how tight pattern will be. WDEA is seeking 820 Class II-A 50kw DA-N. WAIT Chicago lost out on its bid to go U w/10kw N on 820 - they had Arthur Goldberg argue their case, but FCC turned them down. EJET is often on top of WBAP here evening hours. 1130: I heard WCAR 9/13 12:30-1:45am when WNEW was conducting tests. XR was on, but dead air enabled me to hear WCAR loud. Station recently switched to all request rr format, sounded good. I also heard ID for WDCY Minn @ 1:30, testing. 1530: Some readers may wonder what ever happened to 10kw daytimer WDJZ Bridgeport. Station, granted CP in 1963, has been tied up in zoning hearings ever since. They can't find a large tract of land needed for its five-tower array. Zoning hearings are also holding up WFRP Parsippany, N.J., 1kw. directional daytimer on 1310. 1230: WERI does take certain MET games, usually late-night WC contests and second games on Sunday, as well as all Red Sox BB. WNLC-1510 Conn. Mets' station for the area, goes off @ 11pm so it doesn't take the late games. 1580: CBJ very weak in New England for a 1-A; XEDM can often be heard on top. Later, rr WCIS Ga. after lam; WSRF Fla. when there's absorption. C/w in Conn.? Daytimers WCDQ-1220 WFIF-1500 WEXT-1550. 73s. (Welcome to the Section, Mike, and we really will be looking for more, often! -ERC)

PAUL HIRSCHBERG - 1272 East 49 Street - Brooklyn, New York - 11234

Although I've been a member for a couple of months, this is my first Musing, so I might as well introduce myself. I'm 20 and a student of Mechanical Engineering at the Cooper Union (GREAT!!! School! -ERC) here in NEW York. Up until last year I had been fooling around with a little seven-transistor and I had managed to receive 320 stations with it. Last December I got my present RX, a Grundig TR-6001 transistor multiband type and now I have 588 stations. I don't send for veries (except for rare catches) because I hadn't been doing it all along and the SASE postage for 588-plus stations would kill me. Now to DX. This MM (9/20) was my first DXing in a long while because I was in the Middle East during the Summer. CXwere good - at long last I was able to get KFI, now my farthest domestic. It was weak compared to CMQ, but very readable. Around 1330 I heard a test which was so loud I thought it was local WEVD but it turned out to be WEAW, Evanston. Sticking around 1339 noticed a few more new ones. Also WDEA & WCOA, 1370, WROC-1400, WBRE/WHAP-1340 were new. The 1340s were heard via a tape recorder & timer set at that frequency while I slept. The recorder is a good idea for "sane nuts" like me that much sleep at, well, near normal hours. 73s & good DX! (Welcome to the NRC & Musings, Paul, and I see I have another Brooklyn DXer to spur me on! Please Muse often! -ERC)

We will be hoping to have our Musings Section L-A-R-G-E this year, like in some of the past years. This can be done, with the cooperation of the new members, & of course, our old stand-bys. We ask you to DOUBLE SPACE (so does my eye doctor, hi) and if you print or write, please don't make it too small. Skip a line between lines, please! And please do not include non-DX items in your Musings, like political opinions, for example, for they will not be printed. Be sure to include your DX by the day, and time, and mention the kilocycles of the stations, as we do here, like: KFI-640; WTOP-1500, etc. Please use a.m. & p.m., E.L.T. Do not mention verie signers' names in your Musings, but instead, list them, by frequency, double-spaced, on a separate sheet of paper, with your name on it. Make your Musing read like an open letter to all NRCers, giving them tips and telling them how and what DX has been like at your spot! See you in a few. ERC.