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# DX News



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"Hope all is going nicely. The Boston Gang is doing a splendid job, almost phenomenal, I think, as it is on a volunteer basis and so many problems attached to it." (Dick Northup, Iowa)

## MORE NEW MEMBERS

- \*Keith Birlingmair, Rt No. 3, Beloit, Wisc. 53511
- \*Kevin L. Slater, 4750 Verda Lane N.E., Salem, Ore. 97303
- \*Don Eggert, (current address not available - rejoins)
- \*W.M. Beckett, P.O. Box 155, Iraan, Texas 79744
- \*Thomas R. Sundstrom, P.O. Box 205, Willingboro, N.J. 08046

Welcome to the NRC, gentlemen, your new member kits have already been mailed and will be reaching you within a few days. We hope to read your contributions often here in the pages of DX NEWS. To those of our members who happen to live near these new NRC'ers - why not give them a call and welcome them to the Club personally?

## IN THIS ISSUE...

- ▶ Latest NRC Log Updater - Russ Edmunds
- Hunting the Latins by Music - Ron F. Schatz
- Domestic Short Subjects - Paul Hart
- Supremacy Ratings - Norm Maguire
- Interesting Trivia - HQ

## RENEWALS...

Myron Gray... Bruce Reynolds... Fred Osterman... Dave Gleason...  
Leonard Jozwiak... Peter Clarius... Steve Bohac...

## PRESSTIME SPECIAL NEWS

CHUC, Cobourg, Ontario will transmit a Special for the IRCA on August 8th from 1 A.M. EDT to 4 or possibly 5 A.M.; CHUC is a 1 kw'er on 1450 kHz and the program will consist of ID's, music, and 1 kHz TT's. (Mark Drogin)

## NRC LOG MAILING DELAYED...

If you have not yet received your copy of the Log, our apologies for the delay. It seems the printer ran off the first 142 pages at an incorrect value of the reduction ratio; thus the binding holes cut into the information on those pages. We refused to accept these defective pages and the job is being re-printed; barring further troubles, we expect to mail the Log within a day or two of the mailing of this issue of DX NEWS. **After all of the time, care, and effort that went into the preparation of the copy for the new Log, we're not about to accept substandard printing!** We have now received orders for about 45% of the pressrun and they're still coming in at a good clip...

## NRC CONVENTION COMING UP!

We've just received word that Cesar Objio is planning to attend the Convention; if he can make it, why can't you? If you won't be able to come to Hasbrouck Heights but would like to place a call to the Convention, the number is going to be 201-288-9600...

### "AN Situation"

ONS - 1220 WGAR Mor, off Tuesdays  
1340 WNBH SPU, chicken rock  
1400 KSLY NSP  
1450 WFBS Except MM's; rr.  
1470 WSAW SPU

OFFS - 1350 WCVU  
1380 WBNX

### HEARD SINCE LAST ISSUE (NRC)

540 CBEF Windsor, Ontario (FF-CBC, relays CJBC-860)  
1170 WVLC Orleans, Mass. MoR  
1520 WHIC Hardingsburg, Ky. (From ERC)



# N. R. C.

## 1970

# CONVENTION

SEPT. 4-5-6-7, 1970NEW YORK CITY

**RESERVE NOW!**

MAKE YOUR PLANS NOW TO ATTEND NRC'S ANNUAL CONVENTION IN SUBURBAN HASBROUCK HEIGHTS, N.J. THIS LABOR DAY WEEKEND. ACTION STARTS THURSDAY SEPT. 3! WRITE TO CONVENTION COMMITTEE CHAIRMAN RUSS EDWARDS FOR YOUR CONVENTION RESERVATION FORM **NOW**!! WE CANNOT GUARANTEE LATE REQUESTS, SO BE SURE TO HAVE YOUR RESERVATION FORM COMPLETED AND IN THE MAIL TO US NO LATER THAN **AUG. 20!**

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SEE YOU AT THE BIGGEST & BEST N.R.C. CONFAB YET!

## SPECIALS

Sat. Aug. 8 CHUC 1450 Cobourg, Ontario 1,000/250 1:00-4:00 EDT IRCA  
 Mon. Aug. 17 WKN D 1480 Windsor, Connecticut 500 3:00-3:30 EDT NRC  
 Mon. Aug. 31 WKT E 1090 King, North Carolina 1,000 3:00-4:00 EDT IRCA

That's right - three Summer DX TESTS coming up! We urge everybody to tune for these & to send in reception reports or thank-you notes; these stations are going to much trouble to put on these TESTS for us DXers, you know!

CHUC - 1450. Address: Mr. Trevor Joice, Chief Engineer, CHUC Radio, Box 520, Cobourg, Ontario. The program will consist of music and IDs. Info from IRCA's Mark Drogin, Woodhaven, N.Y.

WKN D - 1480. "Due to the wonderful response from the DX TEST last December, a few months ago we decided to run another during a summer month," writes Mr. Ed Smith, News Director, in part. WKN D is an R&B music station, so will probably play this style of music during the TEST; along with cycle tones and many IDs. He'll be looking for your reports, to Box 1480, Windsor, Conn. 06095. Please tune in and report even if you have this friendly station verified. Ernest Cooper.

WKT E - 1090. This TEST, with 1 kw. non-directional, should come on an almost completely clear channel. No knowledge here of what type of programming to look for. Address Box 465, King, N.C., to Mr. Chuck Webster. Info from IRCA's Gary Nuthals, of Green Bay, Wis.

## PRIMARY DAYS STILL TO COME:

Alaska - 8/25.	Ariz. - 9/8.	Ark. - 8/25.	Colo. - 9/8.
Ca. - 9/9.	Hawaii - 10/3.	Ida. - 8/4.	Kans. - 8/4.
La. - 8/15.	Md. - 9/15.	Mass. - 9/15.	Mich. - 8/4.
Minn. - 9/15.	Nev. - 9/1.	N.H. - 9/8.	N.D. - 9/1.
Mo. - 8/4.	Okla. - 8/25.	R.I. - 9/15.	Tenn. - 8/6.
Utah - 9/8.	Vt. - 9/8.	Wash. - 9/15.	Wis. - 9/8.
Wyo. - 8/18.	(Info sent in, unsigned).		

## MINNESOTA TWINS BASEBALL NETWORK: (from George Sherman, Minnesota)

Minn.:	610 KDAL	830 WCCO	920 KWAD	1230 KGHZ-KMRS-KTRF-KWNO
	1240 WMFG-KPRM	1250 KBRF	1260 KROX	1280 KVOX 1340 KVBRn-
	KDIM	1400 KEYL-WHLB	1410 KRWB	1450 KBUN-KEMW-WELY
	1480 KEHCd	1490 KWRAn-KOZY	1590 KRAD	1600 KLLRd
S.D.:	1140 KS00	1340 KIJV	1380 KFCDa	1390 KJAMd 1450 KYNT
	1490 KORn	MONTANA:	1450 KVCK	1480 KGCC
WIS.:	1400 WBIZ	1040a:	1040 WROn	1070 KLLRd 1300- KGLO
	1320 KNlAd	1410 KLEMa	N.D.:	600 KSJB
	1340 KGPC	1350 KEMRg	1390 KLFM	1520 KMAVA

d- daytime only. n- after 6pm. others: all games.

## ON THE STATION'S STATIONERY - WRKL-910

Dear Mr. Cooper;

We acknowledge the receipt of your request for your club to tour the facilities of WRKL. We feel highly honored to have been selected as one of your stations, as we pride ourselves as being a station of the people.

I will be here on Sat. Sept. 5 at 1 pm and will be happy to give you a tour and history of the station on the day. We will be able to accommodate your group of approximately 50 people as you indicated, as we have a large room for such events within the building.

I myself SWL all bands as I find it quite relaxing in the evening.

Looking forward to meeting you and your group. (signed) Walter Johnson, Engineer

Our thanks to Mr. Johnson, and we look forward to this tour!

## MUSINGS of the Members

Ernest R Cooper  
 438 East 21st Brooklyn, NY 11220

TIM DAVISSON - 207 Winchester Road - Apt. 105 - Akron, Ohio - 44313

Hi again! Well, after seeing ERC's request for Musings, I thought I'd add a bit. DX of late: nil since April. Veries in: v/f- WARU WINN (Finally, hi!) CJOC (after f/up on "CUE stationery), CJRN, CKPT (w/SC & CM). v/1: KTOK WLAV WPVL KCMG. v/q: KTET KXOK CKCK KFBK. v/c: WHEQ. Total: 474. A couple of so far non-replies which are very disappointing: KTFI-1270 Idaho #1, WCVU-1350, especially KTFI. I had word-for-word verbatim ID plus three of four other items. Well, it's on tape anyway. I'm moving up in the world, hi! I'm now fulltime at WCUE. In April and May I had the AN show, & just started the 7pm-midnight thing last week. The point is, I guess, after working two months AN, I'm just starting to explore AN DX again. So, nothing new. This new work sked cuts out all SSS DX, which always was best for me in the Summer. To all correspondents: You should be receiving overdue letters in the next few days. I'll explain the delay then. Have a good Summer w/some hopefully good DX. With radical change in WCUE's format, I doubt if the PD will give me time off to come to the Convention, but I'll try though. 73.

ROBERT LIGON - 539 North Firestone Boulevard - Akron, Ohio - 44301

Hi everyone! I haven't had a mailing for a while so here goes. Veries: (since last muse) v/1- WELN-1330 WBRW-1240 WBBP-1080 (50kw) CFMG-1310 WFK-1420 WINW-1520 WOMP-1290 WCOL-1300 WOI0-1060 WKEE-800. v/q: KLRa (seven months) WHBL-1330 WGAR-1220 WCBS-890. New loggings: WCKS-1340 Mich., KLIZ-1380 Minn., WHID-1340 N.J., WNYC-830 N.Y.C., CBEF-540 Ont. (daytimer w/WARO) CKPR-580 Ont., WCDL-1440 Pa., WIXZ-1360 Pa., WVAM-1430 Pa., WHBL-1330 Pa. Does anyone know if WMAK verifies? I've done everything but beg on my hands and knees for a verie. It was nice meeting Pat Flanagan, Dan Myers, & Bill Raczk0 in Toledo, & Frank Merrill in Milan, Mich. the weekend of 6/5. I graduated from Junior High recently so on I go to Tenth Grade. Totals 344/80. I hope to see you all at the Convention. 73s & good DX, if possible.

NANCY GANTZER - 67 Liberty Street - Fredonia, New York

Hi everyone. There really isn't too much new here, since I've been quite busy this past month. I did want to try & get in at least one of KVER's Tests, but unfortunately I slept through them all. However, I did hear CFOR-1570 at 10pm 8/5 & WPOW-1330 @ 1am 8/19. I didn't hear any ID from WPOF, but there was a commercial on for a jeweler in Midtown Manhattan, so I expect it was WPOW. (WVFD is on then, Nancy - not WPOW - ERC) Speaking of N.Y.C., WQXR-1560 has been putting in a fabulous signal here since 6/19. They become audible @ 9pm after s/off of local WBUZ-1570, & are still there when I've listened @ 1am. On 6/22 8:55-9pm, WHLL-1600 was coming in good. That was a surprise, because usually CJRN is the only thing I can get on 1600. Sorry I haven't done this sooner but I'd like to thank all the NRC members who wrote me & welcomed me to the Club.

FRED OSTERMAN - 436 North Forest Road - Williamsville, New York - 14221

School is finally over with, & it's back to DX. 6/22 was my first free M. Heard were, 11pm EST, WGNR s/c on 1060, 1430 unid FF, 12:10am WFO Forest City N.C. w/last minute of a f/c, nice IDs, w/WIRM conf. XER-940 in SS. 12:30am, WAWY v/1x Half the Night (H), WBR0-1450 very good w/TT, CKSL-1410 w/spots. SB0 brought CHLC Bentoni, Qu. in FF, WEAU-1320 f/c @ 1:29am, unid SS-1470 AM. Totals now around 710,220 stations, still 48/47 states. A few veries: WIXE v/1 for TEST, KGO v/q, WRAN v/q & CM for DX. I tried a little SRS DX 6/16, nothing exciting heard. WKJG @ 5:29, WAAW @ 4:18, WHAT @ 6am. That's all for now.

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Dr. RICHARD E. WOOD - U. of Hawaii - Dep't of European Languages - Honolulu 96822

Verifications: KDKU-1450 Utah, most distant report, KCCR-1240 S.D., KSMA-1240 Cal., WDOC-1310 Ky., first from Hawaii, KPAM-1410 Ore., most distant, KCTY-980 Cal. "La Voz de Salinas", mostly in SS; always pleasant to have an SS reply from a U.S. SS station; first report from Hawaii; KFWB-980 Cal., KBRZ-1460 Tex., most distant, KYNG-1420, Ore., first from Hawaii & most distant on RS, though reported from N.Z. on ET, KQMS-1400 Cal., most distant, KSLY-1400 Cal. which appears to be making up its backlog of reports, probably since many have come since it went NSP, KGAL-920 Ore. whose v/s Terry A. Conboy is himself a DXer & quotes QSLs he has, CKDA-1220 B.C., nice v/1, WRR-1310, KFYO-790 Tex., KYNO-1300 Cal., KAWT-1450 Ariz., & a very strange one from KSOX-1240 Tex. At the bottom of my f/up reminder which was returned to me were written the mysterious words "We mailed it back. KSOX." What am I to make of that? I'm afraid I can't count it as a QSL. Then, the grand finale. What I had been waiting for for so long, to complete my collection from the quartet of big NYC stations heard here (WNBC WABC WCBS WQXR), a delightful two page v/1 in great detail from WABC, verifying my report. First from Hawaii for all four! WABC says in part "We were further impressed that your report, along with many others representing areas previously unreported, came a short time after we completed the installation of a new ground system for our 640' ND tower." I can only repeat what I have said before: it is a real delight that busy CEOs of the nation's biggest stations, such as WABC, will take the time to answer a report in detail. Some stations may be automatic verifiers w/vague v/qs, but a specific v/1 can still be obtained from them. Reports out, last bunch before I leave Hawaii: KDB-1490 Cal. (trying again) WRKT-1300 Fla., KEPS-1270 Tex., KEYE-1400 Tex., KIIS-1150 Cal., KUDE-1320 Cal., KPOK-1330 Ore., KYET-1450 Ida., KEEP-1450 Ida.; KCRS-550 Tex., KVAC-1490 Wash., KAFY-550 Cal. & KTW-1250 Wash.

JAMES E. CRITCHETT - 1504 Glenwood Drive - San Diego, California - 92103

A check of my records shows I have not reported to the NRC DX NEWS since 1/27/70. Will I be sued for non-support? (No Jim; just welcomed back! -ERC) I feel I have nothing earth-shaking to report in this period of time, & have nothing much right now, but I will give the highlights. I started re-logging stations heard in San Diego on receipt of the NRC Radio Log on 10/18/68 & have heard o/400; I still add at least one every weekend. I was entered in the "Friendly DX Contest" & sent in three forms, for a total of 228 points; but would have been minus-six on the third form without the Rules change regarding unoccupied frequencies. It was a good type of contest, & kept up my interest in the hobby. I made up an extensive list of s/on & s/off's & skeds of stations heard & sent it to R. J. Edmunds on 4/7. I am assuring it will be used in the new NRC Log, if it is ever published. I notice from the sample in the 6/6 DX NEWS that the Mexico, C.A. & Caribbean stations will not appear in it. They are all needed for a complete list of stations that can be heard by listeners in the U.S.A. I have a series of maps of the USA, Canada & Mexico & have one for each frequency, 540 to 1600k, showing the approximate location of each station. I have started to use the new VJ Log #6 to bring the maps up to date; a few errors, of which I will advise him, when done. Reception reports have gone to KXL-750 for their late TEST on 3/23; & KVIO-1600 Cottonwood, Ariz. for their 4/2 s/on @ 8am EST; & to 4QD-1550, Emerald, Qsid., Australia for RS heard MM 6/22 from 6:45-7:30am EDT. Only KXL has verified. Thanks, Dick Northup, for the v/s of KVHM-970, Show Low, Ariz. I will try again when heard. I'm out of space and news, best verie-collecting, all!

GEORGE KELLEY - 15 Chester Street - Apt. 1 - Cambridge, Massachusetts - 02140

No real DX since last winter; here's a few items of interest. WVLC-1170 Mass. is noted up here w/a good signal. The Voice of the Lower Cape is very directional N/S, & they have quite a null to the W to protect WVA. (This info from Marc D.) I spent the better part of one Sunday visiting w/Marc DeLorenzo down in Hyannis; I was doing some work down there at the time. He gets great reception from the Atlantic Seaboard states during the day, like

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WCHÉ-1530 C 1pm! That's in N.C., folks! This is really Baseball WX we're having now; I really like to Ball; feels really good. Some real live DX: 6/24- WJBO-1330 N.Y. concluding ET @ 2:50am u/WEVD. 6/25- WWLT-1450? I could swear I heard these calls twice @ 2:30am w/talk show. Not even listed in our Super Great 1970-71 NRC Log; does anyone know of this station? (Fits WMSC-Glens Falls, George! -ERC) There have been a few good West Africa openings this Summer, but nothing spectacular. CPN is going after the new 10kw. Gambia station on 908 or 998 (frequency is uncertain at the moment); seems like a pretty good bet for the EC. The specs for this station appeared in the last DX NEWS. Local Freaks: tune into the Randy Kane Show on 18,000w WERS-FM in Boston Saturdays, 6pm-1am. Will the highlight of the N.J. Convention actually be the burning of the local Bank of America? Have a good Summer. (Too late, George - they blew out the front walls last week, hi -ERC) WE'LL GET THE BACK WALLS THEN, GK

ERIC DIRICCO - 540 Gallion Avenue - Pittsburgh, Pennsylvania - 15226

Since school is out, I'm now able to DX the mornings. CX not too bad. On 6/13 I got my first N.J., WPAT-930, also IDed, thanks to John Shannon, is CKAC-730. On Sunday I had a fine time. Those 6/14 loggings are: CHK-540 WPEN-950, & w/WFAE off their, WDNA-1250, WFEM-1260, WJNN-1240 KBYR-1270, & WBUD-1260. Where are the last two? (Anchorage, Alaska, & Trenton, N.J., Eric - You seem to need the NRC Log! -ERC) On 6/15 my faulty radio caused some bad DX. Heard were CJRS-1510, WEVD-1330, w/WJAS off the air, WANS-1280, WRR-1310, & a r/c-ET of WDM @ 2:15-2:30. Also heard was a Nashville rr station @ around 1pm. Any ideas? (Only WSM could possibly make it at that hour -ERC) The mysterious WLEB signal turns out to be WLEZ. This positive ID made thanks to Doc Hardester, & another reception. QSLs out to WLEZ & WOWO. I've decided to spend the Summer QSLing the pests. Latest totals from my shack: 139/52, since Feb. I've been QSLing; 36/25, 7/5, 5/2. I am in the process of building a directional loop. I got the instructions from IRCA when they tried to get me to join a few months back. I had no idea materials would run me so much, wire alone will cost \$5! Since my five tube Sylvania is a little outdated I have decided to get a new one. Unless some fantastic suggestion otherwise is made, I'll get a Knight R-100 secondhand for \$59. I think ELT should be used in DX NEWS except in IDX which should use either GMT or the 24-hour clock ELT. Everyone keep DXing 'cause the CX are bound to get better. 73s.

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

The TAs were really coming through for three weeks this Summer - while I was touring the British Isles in a rented Vauxhall. In between cathedrals, castles & ancient village inns, I tuned the dials of my transistor & the car radio in England, Wales, Eire, North Ireland, & Scotland. Not since the years 1943-4-5 have I enjoyed TAs in my backyard! In SE England, daytimers besides the locals include BBC-1088-1457-692-1052-881; Belgium-620-926; Holland-746-1007; France-1403-1376-863. R. Nordsee-1232 is, as you know, severely jammed. Veronica-1562 good signal, isn't. BBC & France both heard on 1484, & Crowborough-1295 is local. NE of London more Dutch, Belgian & some German stations make it days. In the W. the continent is weak (days) but Athlone-566 makes it well, & in the North Wales area, & all the way to Dublin, Manx Radio-1295-1594 is good. Of course in Eire, there are only two frequencies: 566 which is good throughout the island, & in some parts, the only station heard days; & 1250 (Dublin & Cork) which is strong only in those areas. Midway between Dublin & Cork it is interesting to hear these synchronized XRs interfering w/each other. This same type of QRM was also noted in Dublin on 1052k, where low-powered Barnstaple was QRMing the more distant 100kw. Start Point. In North Ireland add BBC-1340, & 809, whose regional IDs are BBC-4 North Ireland, & BBC 4, Scotland. Glasgow/Edinburgh has four locals (1484 1214 809 647). Other daytimers there include Stavanger-1313 & Vigra-629, & several BBCers including 1151. I might also mention 809 is used in the London area in the morning for broadcasts to France, but w/no interruption to Scotland-809.

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Although in June & July it is daylight in all parts of the British Isles until very late in the evening, the sky-wave signals begin to come through in mid-evening, & I shall describe my reactions to them in another report. 73s.

STEVE KAMP - 6149 Monteverde - San Jose, California - 95120

The above is my new address. Looking over some back issues of DX NEWS, I find I have made some pretty bad errors, which I would now like to correct. In my 4/11 Muse, CKDM should have been 2:58am s/off, not 6:58am. Also, CHIR-730 should have been 3:37am, not 7:37am. These were all my fault, & I hope you will accept my apologies. I keep my log records in GMT, & when I started my card file, it was GMT only also. My card file is now in GMT-EST-EDT. This GMT probably caused most of the errors, & also the fact that I was typing late at night. Down to veries: v/q- KIRA KOIL 4VEF-1035 (this was listed as 4VE-1035 last Muse - sorry. My VJ Log had it listed this way for some reason.) XETRA WDSU: v/1- WSLI KSAL KIMS. v/f- WNUO. Now down to some stuff heard from Cal.: 6/19- KPMC-1560 Cal. 12:53am RS; KPOL-1540 Cal. 1:11am RS; KACY-1520 Cal. 1:29; KIMS-1250 2:19am RS; KOMO-1000 Wash. 2:52am RS. 6/20- KPNW-1120 12:45am; KRDU-1130 Cal. 1:03am; CKLG-730 B.C. 1:44am; CJVI-900 B.C. 2:14am RS; KTWO-1030 Wyo. 2:41-3:01 s/off w/no NA; CHAT-1270 Alta. 5am RS; CKDA-1220 B.C. 5:27am RS; KMEN-1290 Cal. 6:24am RS. 6/21- KMBY-1240 Cal. 4:26am RS; KROY-1240 Cal. 4:35am RS; KOH-630 Nev. 5:05am RS; KWG-1230 Cal. 8:58pm. MM 6/22- CFRN-1250 Alta. 4am RS; KIGF-1310 Mont. 4:02-4:05am s/off w/NA; CKVN-1410 B.C. 4:10am RS; CJOR-600 B.C. 4:50am RS; KFSD-580 Ida. 5:45am RS; KORL-650 Hawaii poor @ 6:15am RS; KEIP-920 7:01am RS; KXLY-Wash. 7:13am testing w/OC, ID @ 7:15am. 6/23- KSEI-930 Ida. @ 12:03am w/KHJ nulled; KGW-620 Ore. 2:41am RS; KAGI-930 Ore. 11:16pm RS; KHJ again nulled. 6/24- KOLO-920 Nev. 4:24am RS. I hope this list does not waste too much space. I know most NRCers are in the E, so I would appreciate it if some of you would let me know whether you find these of interest. Tex/Cal. totals now (write ten veries only): stations 165/82, 32/23, 16/8, 5/3. Cal-Tex written taped are 165/89, 32/24, 16/10, 5/3. 73s.

NANCY GANTZER - 67 Liberty Street - Fredonia, New York -

Hi. DX CX have been quite poor here. Evening of 7/9 was the worst I have ever seen. I began listening at about 9pm & finally gave up @ 10:30. At 10:15 I took a count of all stations being heard, & came up with a total of 27. Usually there is at least three times that. All I seemed to be getting were the usual daytime regulars from Buffalo & Toronto, & CKLW. Oh well, I guess that'll happen from time to time, so on to things I have heard. 7/4 @ 11:40pm, WPOP-1410 in good. 7/6- CHAM-1280 good @ 8pm. I heard two new ones on 7/8 - At 10pm, WFBR-1300 & @ 10:20, WINS-1010, the latter being quite weak. WWRL-1600 in very very weakly on 10/18 @ 9pm. I won't be doing much DX for the next couple of weeks, since I'll be vacationing up in New England. See you in Hasbrouck Heights!

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

June vacation trip didn't really materialize - we went to the Catskills, to Green Lake, in Athens, Greene County, otherwise known as WCKL-Land. I visited this new 560 directional daytimer & was treated very warmly by Frank Jolley, DJ ("The Round Mound of Sound") who told me their r/c is the Tuesday AM nearest the 15th @ 12:40-1am w/TT for five minutes & then c/w mx, but on RS, they're MoR - a nice station. They are highly directional protecting WFIL & WHYN-560, & WMCA & WSYR-570, beaming N & NE. They don't begin to come in on the car radio until Saugerties, about 12 miles S of them, but they cover well 50 miles to the N! WBAZ-1330 is much stronger there than last year; but gets interference when WPOW is on; none when WEVD is on. WHUC-1230 is on the Mets' Net; as are other locals & semi-locals like WOKO-1460, WBAZ-1550 & WKIP-1450. No nighttime listening done there. One new logging verie since coming home on 7/4 is WSWF-1110, Seneca Falls, N.Y. on RS 8:10-8:45pm s/off in July. Also a second report to WGEN-1500 on r/c-TT third Tuesday, o/WDEE. I note WBXN is off AN & WGAR is on AN. WGAR was not on Tues. 7/21, but was on MMs, so must be silent Tues.

9  
ANDY RUGG - Apt. 1008 - 45 Dunfield Avenue - Toronto 295, Ontario

Hi. After spending 15 years in Montreal, I felt it was time for a change of scene. Fortunately I was given the transfer I wanted. So now I am working in the Toronto office of Clarkson, Gordon & Co. Although my high-rise location is not overly conducive to DXing (& I left all my gear in Montreal). I have a superb AM-FM tuner which should help out. It has picked up splits, such as HBBS-834, in Montreal, so I'm not left high and dry. And then there's always Jim Warner's shack. So my name should continue to pop up in the Musings. Telephone here is 483-5179. DXwise, on 6/21 the new CBEF-540, Windsor, Ont. was in strongly from 5:54-6:09pm EST & a report was sent. They can be heard all the time in Toronto. Programming is in FF, paralleling CJBC-860. The only verie is a straggler from Tirana-1394, for my #54 country confirmed. NASWA reports that Morocco has started verifying SWBC reports, so I'm hoping my f/up to Agadir-935 will bear fruit. After ten years of BCB DXing, totals are 1,450 logged & 1,374 verified. During August I shall be in Europe (Iceland, England & France). But I'll be back in time for the NRC Convention, my seventh one. C U then. 73.

STEWART DRAKE - 2108 South Simpson Street - Philadelphia, Pennsylvania - 19142

What with the Summer Static, and the big cushioned earphones being so warm to wear in this weather, it adds up to not much DXing. Once in a while I will turn the set on just to check how things are & I have added a few more to the logbook. On 5/17 a break-through on 1490 when WMGW out in Meadville, Pa. came in @ 11:30pm. Then on 6/7 I checked in on 540 to see if CBEF was audible here. Sure enough, it was coming through & @ 11:52pm up to 12:10 s/off clear I got them. If there are any doubts on this one in your mind just check against CJBC-860 as they are //. Having day work on 6/13 I got up early & caught a pair I have looked for several times. WIRE-1330 Greensburg, Ind. was testing @ 4:31am & WHIC-1520 ditto @ 5:02. WHIC is Hardinsburg, Ky. That brought the heard total up to 2,527. New veries in from WHIC WIRE WSEN WDOR WTHB to raise that total to 2,389. I might add here that WIRE (Decatur County) and WHIC (Breckenridge County) were #999 and 1,000 verified. Has anybody gotten a verie from Radio Nordsee International? I've read where several have heard it, but not once have I seen where anyone received a verie from them. Another question maybe someone can answer for me. How is it that some of the pages in DX NEWS are so beautifully clear and others are so hard to read you need a magnifying glass to see what was originally typed? And you can believe me that it isn't, y eyes failing me.\* Now that school is out I hope all you students and teachers are having a BIG Summer. Good DX to all & 73. Oh yes, NO Convention for me, day shift that weekend, and the Bread and Butter comes first.

JIM JANKOWSKI - 11 Meadowbrook Terrace - Corfu, New York - 14026

Greetings! Well, school is finally over & I'll be up AN MMs, which means hopefully, about 50 new catches during the Summer. DX recently: 6/3- WDOR fair w/WX & SID @ 9:29pm, sent v/q, CM & SC. 6/14- A good time for Eastern N.Y. Good strength from WOKO-1460 o/KSO w/mx & one ad, @ 3:14am. At 3:30, WWSC-1450 Glens Falls, N.Y. dominated frequency w/WX & WX; good strength o/slop. 6/15- CKWW Windsor was good @ 3:20pm w/ads for food, muffler service, etc. Good for only 500w. Veries recently have been v/q- WHCU WKBN WDOR WPOP CFOR, and a WJUL v/f. Remember the WXGI-950 TEST? Where are the veries? Has anyone gotten a reply yet? 73, and good Summer DX.

FRED OSTERMAN - 436 North Forest Road - Williamsville, New York - 14221

School is finally over with, & it's back to DX. 6/22 was my first free MM. Heard were 11-m EST, WQMS r/c on 1050, 1230 unID FF @ 12:10am, WBBO-780 Forest City w/last minute of a f/c, nice IDs, w/Chicago off. XEQ-940 in SS @ 12:30, WAMY w/TT & mx half the night (NN), WHSC-1450 very good w/TT, CKSL-1410 w/spots, 580 brought CHLC Hauteri, Que. in FF, WKAP-1320 on f/c @ 1:29, unID SS-1470 AN. Totals now around 710/210, still 48/47. A few QSLs: WIXE v/1 for TEST, KGO v/q, WRAN v/q & CM for TEST. I tried a little SRS DX 6/61, nothing exciting heard. WKJG @ 5:29, WAAM @ 4:18, WHAT @ 5am. That's all for now.

STEVE KAMP - 6149 Monteverde - San Jose, California - 95120

Hi. I guess you know by now that the above is my new address. I'm writing this a little early (7/12) because in a couple of days I'm leaving for the IRCA Convention in Vancouver w/a couple of San Jose DXers. There have been a lot of BCB veries in since my last report, which I haven't seen in print yet, because no 7/4 DX NEWS has arrived here yet. I get it first class, & HQ has my new address & used it on the June DX NEWS. Well, down to veries: v/q- KEX KOMO KPFC WSPA KOH KSEI KTWG KPMW KRDU KOGO CFPN KTRB KCPX KHJ WWL KRDG. v/1- KMHF WFLA KOLO KSTN KERL KCLG KYNO KBOI KGGF CKDA KENQ WRR KPOL & KRSA. v/f- KACY KORL KDON KRED KINS CHAT KONE CKVN KSLY CUVI KYOS. v/r- KBUZ & KIDD. Most of these were for Cal. reception, but some were for Texas loggings. DX (?) since last report: 6/24- KVLV-980 Nov. @ 11:20-11:30pm RS, s/off @ 11:30 w/SSB, KINS-980 Cal. 11:30pm RS after KVLV s/off. 6/25- KYOS-1480 Cal. 2:21am RS, KRED Cal. 2:36 RS, KDON-1460 Cal. 3:02 RS, KARF-1430 Cal. 4am RS, KSTN-1420 Cal. 4:22 RS. 6/26- KBOI-670 Ida. 12:57am RS, WWL-870 La. 1:22am RS. 6/27- KIML-1270 Wyo. 3:40am f/c. MM 6/29- KWIL-790 Ore. 4:08am RS, KONE-1450 Nev. 5:15am RS, WRR-1310 Tex. 5:42am RS, KRBC-1470 6:04am RS. 6/30- KOGO-600 Cal. 1:57am RS, KYNO-1300 Cal. 3:32am RS, KCPX-1320 Utah 3:54am RS, KBUZ-1310 Ariz. 4:58am RS. 7/2- KIRO-710 Wash. 3:32am RS, KIDD-630 Cal. 6:55pm RS, KTRF-850 Cal. 7:12pm RS, KMP-900 Cal. 8:01pm RS, KENQ-930 Cal. 9:15pm RS, KPFR-940 Cal. 9:32pm RS, KQCR-970 Cal. 9:40 RS. 7/3- KRDG-1230 Cal. 3:20am RS, KIST-1340 Cal. 3:46am RS, KHLI-1400 Cal. 4:02 RS, MM-930 5:23am RS, KHOS-940 Ariz. RS. 7/5- KGA-1510 Wash. 1:47am RS, KPFR-1530 Cal. 7:41pm RS, KRSA-1570 Cal. 8pm, KTIM-1510 Cal. 8:24pm RS. 7/6- KCBN-1230 Nev. o/mess @ 1:54am RS, CKWX-1130 B.C. 3:06am RS, KENT-1340 Ariz. 3:38 f/c, CKXL-1140 Alta. 4:23am RS, KGNO-1370 Kans. 7:15am RS. 7/7- KCUB-1290 Ariz. 11:48pm. 7/11- KXL-730 Ore. 11:45pm, 11:58 s/off w/no SSB. 7/12- KWSU-1250 Wash. 12:32am RS, KWS-1020 N.M. 1:07am RS, mentioning letter from Hawaii, but no name given. It might have been RW, but I wouldn't know. KPAY-1060 Cal. 1:31am, KFLA-1110 Cal. 1:51, KDAY-1580 Cal. 4:50am RS. For some unk reason local KILV-1590 wasn't showing hash @ 1580 tonight & WBAP-820 Tex. 5:09am RS. Cal./Tex. totals as of 7/12 209/130, 35/33, 5/5, 16/9. Adding taped veries, it's 209/136, 35/34, 5/5, 16/11. I have nothing much else to say except I'll try to give a report of what went on at the IRCA Convention next time. Enough wasted space already. 73 & good DX.

AIC EDWARD BRUCE REYNOLDS - FR499-58-2671 - Far East Network - APO, San Francisco

Hi. Notice the new address, effective 8/1. I'm currently home in Missouri on leave. Three new veries in here: KFDF v/1, KGAK v/f, & overdue CJKL v/q. This gives me exactly 800 veries from Warrensburg, & oddly enough, exactly 100 are foreign veries. N9 DX to report this time. No sign of the new 1140 Kansas City station yet. WDAF-610 is apparently AN-7. I heard mention of 24 hours, seven days a week, & they were on past old SM s/off time last week. KHLI-1140 is c/w again after a try at MoR. Former KOMO AN DJ Milt Dickey is the early morning man. KDKD-1280 is also 100% c/w now. I'll soon be beginning sixth year in NRC & I want to thank ERC, GPN, Randy, & the other hard workers who keep the bulletins coming out on schedule. You've all contributed to making the NRC the best and most efficient radio club in the world. I'm sorry I'll have to miss the Convention this Fall. I hope I'll be able to be more active this season from Japan. Best of DX & 73s to all. (Happy Landings, Bruce! -ERC)

DAVE CARLSON.

I thought I'd drop a line to let you know I'm still alive & kicking. I am working with an independent concession booth for the Summer & am travelling all over the Mid-West. A quick intro for those who don't know me (or don't remember me) - I'm 19 years old & go to Western Illinois University, except during Summer. I did most of my DX in St. Louis since joining the NRC in Fall, 1966. Now I live in Chatham, Ill. which is just S of Springfield. I took the Third Class FCC test & passed easily. Next Summer I'll try to get a job at some station around Springfield. Till next time 73 & best of Summertime to anyone.

BILL STONE - R. R. 2 - Claremont, Ontario

May 16 & June 6 Bulletins in on 6/15, first in six weeks. Dave Whatmough, those elusive 1580 stations are a cinch come the Fall, SMS, 6am on. You can follow 'em up. Evening DX will give you mid-Western ones. I picked up WCCR KTGR & KTRP myself this way. Only WSEF never came back. You lads who go for relays - FF on 990, signing on 4:58am EST daily (I haven't tried SM.) Hits here S 6-8. WPHG, Bristol, Va. s/on @ 5:57 EDT, then at 6:02am, there's a WCCY Covington, never gives state. I don't have him listed. Most of DXis morns now, 4:30-5:30am EDT. 6/17 & 6/18 poor reception, electrical storms in this area, or Northern U.S. 6/16, no ID was heard, but w/that type of mx, must be WDA, Wisconsin Dells testing. Some station doing a lot of Tting on 950, no ID as yet. Veries coming in regularly - funny one yesterday, Cuban ones, via Cuban Consulate General, Ottawa, so sending 'em by diplomatic mail now - previous have been via air. 6/22 - WRJW-1320 ET/TT 2:15-2:33 s/off - now know how you say Picayune. WXCL-1350 f/c-TT 2:45-3 EDT, one hour ahead of listed r/c; 3:480 s/ons 5:29:30 WHBC; 5:32 WADR - this tops. 1500, 5:33 WTOP on NX, TT u/ohim, no ID heard to 5:55, to 990, FF appointment. Anyone needing WWLE-1170, June sked is 6am-8:30pm. Since 5/1 reports out to WNUW\* KTGR\* WHHO\* WIQT\* WIOO\* WUUS\* Radio Clarion-860, must be AN, try before 2am EST, CKPR/XEMO slug him after this. 1-2am EDT best time for him. WGSB\* WUST\* WHVI\* CKCN\* KEDD, WBOB\* WABB\* WISN CREF WDA-950 CBF Relay-990, no go on KVBR-1340 ET 6/20, too much QRM. 1330, 4:40am EDT, steady TT, WHOOT top station. 5:03, WFBG s/pn, 5:15, second station (WRIE) TT steady. WRIE s/on is 5:30 EDT. I hope to see a lot of you in Hasbrouck Heights. I'll have doc check me out on 8/21. I'll likely come by train or bus - if he says no, I stay home - simple as that. I'd sure like to meet a lot of my old buddies - we're gettin' on, hi.

ROBERT R. MITCHELL - R. R. #7 - Belleville, Ontario

The big news here at the moment is that I will be attending the IRCA Convention which is to be held in Vancouver, B.C. on the WC of Canada. The fact that it is going to be held in Vancouver is one of the reasons why I will be attending. I have always wanted to visit Vancouver & why not at a convention? I will be arriving in Vancouver with Q.K. Brown of Ottawa. This trip will kill any ideas of getting a new RX for a while. I would also have liked to have made it to the NRC Convention but now it will be impossible. Not much new DX-wise but I have gotten two new veries. One is CKPM, v/1, & CFOR, v/q. CKPM is 1440 Ottawa, & CFOR is 1570, Orillia, Ont. Surprisingly enough the CX here have been good but I have not had the free time to listen in. If it holds out tonight, MM, I'll try to dig up some new stations. If nobody has heard my local CJBQ-800, they now s/off @ 1am & they carry the games of the Expos. This station is U-3, straight N. If anybody monitors the public service bands, write me about your catches & frequencies, particularly if you are a fellow Canadian monitor. So until my next Musing, 73e.

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

Greetings from the Mountain State again. It's been so long since I've been in Musings that I thought I had better contribute something, however trivial it might be. CX since the first of June have been anything but ideal but 11 new loggings were added here for the month. Nothing unusual worthy of mention though so I'll skip the details. No sign of new WPNS-1180 in nearby Hurricane as of 7/5. However 1080 is now dominated by WEEP Pa. all day long killing previously only audible WKLO, Ky. since about 6/1. WEEP has even a stronger signal than KDKA-1020, so must be on 50,000 D-3 now. Also semi-local WSAZ-920 in Huntington has changed calls to WGNT in last ten days, still affiliated w/NBC though. I hope to attend the N.J. Get-together unless something unforeseen happens. ~~More~~ Later.

IT'S ALMOST HERE - THE BIG N.R.C. ANNUAL CONVENTION - MAKE THOSE PLANS RIGHT AWAY TO BE WITH US IN HASBROUCK HEIGHTS! SEPTEMBER 4-5-6-7! COME ONE, COME ALL!

REPORTEDLY IN OPERATION

**CANAL ZONE.** ACA20, Fort Clayton, is now using its full 10 kw after being on a 1 kw standby transmitter from May to December of 1969; signoff time for the 790 kHz outlet is given as 0458. (BDXC)

**ANGOLA.** Voz de Angola, Louanda, has replaced its three daily transmissions with a single broadcast from 0500-2300; this effective July 1st. (Editor)

**KASHMIR.** Jammu on 990 has increased power from 1 kw to 100 kw. (MWN)

**PARAGUAY.** ZP10, Radio Paraguay, has reportedly been heard this summer on 1305 kHz in Finland; anyone hear any traces of this? (SXDK)

**WEST GERMANY.** The longwave 1,000 kw transmitter of the VOA at Munich, which has not been in operation since 1963, is now back in regular use on 173 kHz from 1600 to 2200 in Russian. The frequency is the same as that used by Moscow Home Service. In 1963 an agreement was reached between the USA and the USSR. The USA agreed not to use the long wave transmitter at Munich in return for the Soviet Union not jamming the VOA Russian broadcasts. This agreement has apparently been revoked. (ARDXC)

PROJECTED OPERATIONS

**SAO TOME.** Radio Portugal confirms that a 100 kw transmitter is now being installed to replace the present 10 kw station of the Radio Clube de Sao Tome (now on 759V kHz); the new operation will be officially Emissora Regional de Sao Tome under the direct management of Radio Portugal. (Editor)

**MALTA.** The projected D. W. relay station will feature a 600 kw MW station; frequency not yet decided. (SCDX)

**LIBERIA.** Educational broadcasting will be introduced in the Liberian schools during the second half of the 1970 school year; no further details. (Editor)

**ANGOLA.** Radio Clube do Huambo, based in Nova Lisboa, has received two new 10 kw transmitters from the U. S. and is scheduled to put them into operation August 1st; frequencies not known at this time. (Editor)

**CONGO (KINSHASA).** A new MW station is being built at Matadi and will be transmitting shortly. No further details. (Editor)

**YUGOSLAVIA.** A new 1,000 kw station is supposed to be under construction in Macedonia to carry Skopje Radio programming and will be in operation later in the year. (Editor)

▶ **G M T**

CLANDESTINE / PIRATE STATIONS

**INTERNATIONAL WATERS (HOLLAND).** Radio Nordsee tested briefly on 1385 kHz but returned to 1232 on June 30th. The British jamming of Nordsee is costing \$1680 per week plus an additional \$1200 for security guards at the jamming stations to guard against possible violence by pirate radio supporters. One of the jamming stations is reportedly a 1,000 kw scatter transmitter formerly used by NATO and operating at much reduced power. Nordsee left the air on July 23rd and resumed operations on the evening of the 24th from a new position off the coast of Holland. The owner of the station admits that the jamming has been effective and that incoming advertising revenue has been substantially reduced since the jamming began. No sign of jamming as of noontime on 7/25. (Ken Brownless)

**UNKNOWN LOCATION.** Capital Radio began testing on 1115 kHz on July 19th; classical and operetta-type music; no pop music, obviously aimed at an older audience. Address given as P. O. Box 270, Bussum, Holland; asks for 2 IRC's and letters to be addressed to the Chief Engineer. More tests on July 19-22; supposedly off the Dutch coast. (Ken Brownless)

**IRAQ.** Baghdad Radio has recently introduced a number of new programs with names such as "The Voice of the Masses", and the "Voice of the Arabian Gulf". The latter is not to be confused with the "Voice of the Gulf", the station Sharja station on 737 and 1250 kHz.

**UNITED ARAB REPUBLIC.** Press reports this week indicate that the quasi-clandestine operations of the Palestine liberation organizations over Egyptian stations had been forced to close because of tension between the Egyptian government and the Liberation organizations over UAR acceptance of the U. S. peace plan.

## LISTENING IN *on the world*

### *U.S. to Up Cambo Radio Range*

By JOSEPH FRIED

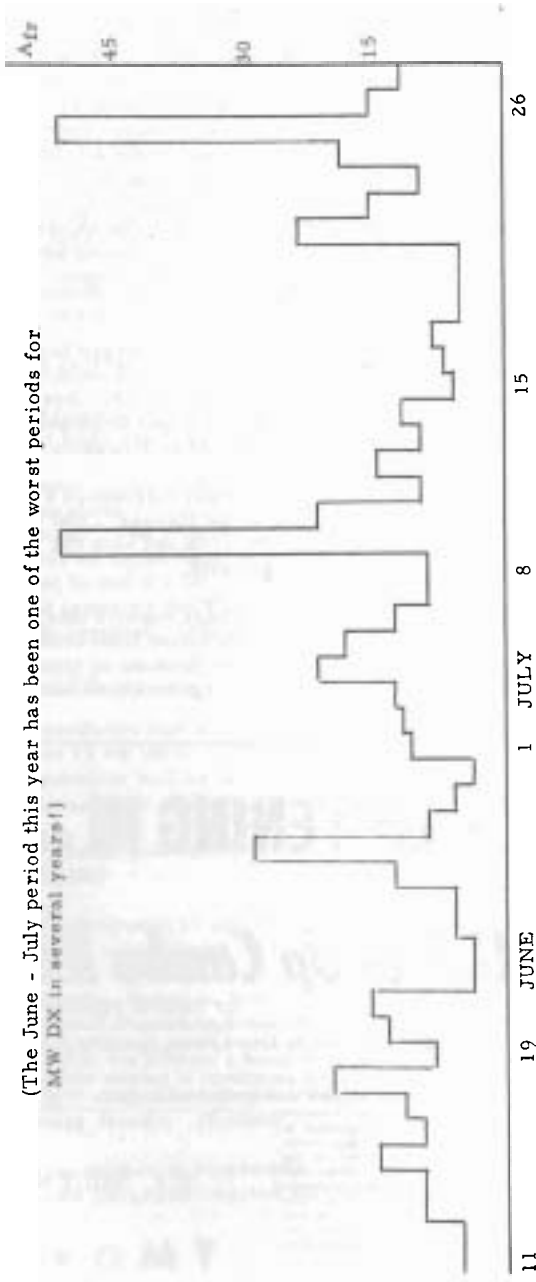
Staff Correspondent of THE NEWS

Saigon, July 13—The United States, in another behind-the-scenes move to bolster Cambodia, is preparing to install a powerful new radio transmitter in Phnom Penh to enable the shaky Lon Nol government to compete with Communist broadcasts for support of the people, reliable sources disclosed tonight.

They said the project, financed with U.S. funds, is intended to enable Phnom Penh's now feeble radio voice to be heard in the countryside, which is being saturated by Communist transmissions. In addition to local Communist stations, both Peking and Hanoi have boosted their wattage and frequency of broadcasts aimed at Cambodia.

N. Y. DAILY NEWS, via Foxy

This graph shows the daily values of  $A_{fr}$ , the Fredericksburg index of geomagnetic/auroral disturbance in the Earth's magnetic field. High values of  $A_{fr}$  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  $A_{fr}$  above about 20 are inevitably associated with high levels of absorption along high-latitude TA and TP signal paths. Very high values (above about 40) 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.



## IDXD Monitor Reports

Members' Loggings  
 Box Fairport, GPO Box 210  
 New York, N.Y. 10001



### Receptions:

- 540 Ecuador. "Tropicana" HFPA2 Guayaquil, hrd with local ex, IDing at 0447 on 7/13, very good. (Objio)
- 800 Meth. Antilles. FJB Bonaire noted s/on irregular time of 0746 in Portuguese on 7/13. (Wood, Hawaii)
- 810 Venezuela. YVLP Occocientes Diaz, Valencia hrd during WGY SP 0420-0505, mixed ex format - US pop and indigenous. Sigs up to s-9. 7/17. (Edmonds, NJ)
- \*\* 840 Fiji. FBC, Suva. Noted 6/29 carrying regular Vernacular service, 0800, at this time in Hindi. Very surprised to note this on PS and // 890 and 1470 as listed in WRTVH as carrying supplementary pages Saturday only. Must be a schedule change. At times, better than 890 or 1470 although listed only 1 kw. With WLS now NSP, this might be best bet for MW mainland reception. (Wood, Hawaii)
- \*\* 855 Curacao. Radio Curao, RUCI. Change in s/off time, now 1 hour later. Hrd 0404 7/17 with evident MWI anthem (tune similar to 'Deck the Halls') folo by "William of Orange." (Edmonds, NJ) (wonder if change yeararound?-Ed.)
- 860 Honduras. Radio Centro, HRJ Tegucigalpa. 1100 s/on 7/13 and into pgs, "Las Mafanitas." (Wood, Hawaii)
- 860 Brazil. Radio Mundial, FRAJ, Rio de Janeiro. Brazilian pops 0900 7/20 and new, Brazil #10. Good. (Wood)
- 890 Uruguay. CX-18, Radio Libertad, Sport. 7/20 0905 good, new here, Panorama Informativo, numerous TC's 2 hrs ahead of EST. (Wood)(also next p.)
- 900 Peru. OXWY, Radio El Sol, Lima. 7/13 1040 Andean ex, all in Quechua. Had much talking in Quechua 1100, ID and TC in Spanish. Good through CJVI OC.
- 900 Alaska. WFRS Fairbanks. 7/6 s/off with SSB 0935. Mark this MW s/off time irregular. Weak thru CJVI OC. (Wood)
- \*\* 910 Haiti. "Ioi M-N-M, Radio Nouveau Monde, la Voix d'Haiti", Port-au-Prince a new station hrd on the air IDing this way at 0310 on 6/24, presenting a recording of the football games (known as soccer in the US, however-Ed.) in Mexico. All in French, very good and completely covering YVWQ Matiguetta "Radio Aeropuerto." (Oscar Objio, Dom. Rep.) (1010 item de Wood)
- 1010 unID. Either Argentina or Uruguay, tangos hrd 0915 7/13 with XE looped.
- 1015 Panama. Radio Meloj, HOU44, Panama, asking for reports to Apartado Postal 5124 on 7/14 at 0530. Reported. (Objio)
- 1035 Panama. Radio Unión, HOG21, Panamá, hrd IDing at 0217 on 6/30, continuing with pop songs. Strange to not hear WVEH on this spot as they are usually noted here. (Objio) (Likely xstr malfunction then-ed.)
- 1070 Argentina. LR-1, Radio El Mundo, B.A. Level with CFAX 7/6 most of the time after MEX s/off; on top 0920. (Wood, Hawaii)
- \*\* 1090 Hawaii. KBAI is definitely NEP and format is "something of everything", rock, CMW, EL, etc. (Wood) (wonder how successful their format will turn out to be! A station in such a saturated market should be able to attract and hold a devoted following of listeners in order to be able to sell the sound to advertisers; "something for everyone" or "a bit of everything" is the approach the 1 kw daytimers all use...when there isn't any competition. We shall see how well they do. I for one won't hold my breath,HLR)
- 1110 unID Brazil. Unknown Brazilian in Portuguese with typical rhythms on the good Brazilian night 7/6 0835; by 0842, LRO had taken over. QRM from the US looped. (Wood)
- 1110 Argentina. LP2, Buenos Aires. 7/6 0842 loudest yet and finally reportable. Numerous YCs "Bora Radio Argentina", gave call LR-2, two deejays doing morning show, requests, mixed US/Latin styles. This was the 2nd best signal from Argentina/Uruguay this night, after 1070. (Wood)
- 1150 Argentina. Radio Chaco, 13-5, Resistencia. 7/13 0949 "en Resistencia...8 grados...escuchan H. Chaco." Good, KAYO looped, YV s/on 0951. (Wood)



- 1160 Argentina. LT3, Radio Cerealista, Rosario. 7/13 local spots 0935. Almost level with KSL at times. (Wood)
- 1170 Puerto Rico. Radio Leo, WLEO Ponce, hrd IDing as "Once Sesenta" (11-70) but don't know if it is a change of name, pop mx at 0700. (Objio)
- 1180 Brazil. Radio Globo, PRE3, Rio. Many IDs simply as "Globo" 7/6 0905. (Wood)
- 1192 Cuba. Cadena Camagüeyana. Stn IDing with this name at 0655 7/12. Nothing like this is listed but presumably is "L.V. de Ciego de Avila" with pop mx and ID after every record, no news or ads. (Objio, D.Rep.)
- 1200 Argentina. LU3, Radio del Sur, Bahía Blanca. 7/13 Most remarkable new DSA of the night, just kept booming in, dozens of IDs as "Radio del Sur, la emisora de Bahía Blanca", often preceded and followed by 4 gongs. Very good at times, WOAI little trouble. In for a solid hour 0940 to 1040. (Wood)
- 1206 Cuba. Reloj Nacional with nx, IDing every minute with time 0613 7/12 (Objio)
- 1210 Cuba. CMEK, Reloj Nacional, Cruces, L.V. 1015 6/29 time pips, news. New here, good, Cuba #20. (Wood, Hawaii) (also next item)
- 1210 Fiji. F.B.C., Suva. The special weekend-only service from Suva has been transferred here because of the opening of the new Labasa station on 840.
- 1220 Mexico. XEB hrd with pop songs, first time, on 7/12 IDing at 0636, under WGAR who were looped. (Objio) (ooooops, can't spell looped, hi-Ed.)
- 1232 Int. Waters. Radio Nordsee the loudest sig on the dial just after local sunset 7/3 as Forrester was 900 miles west of the Azores. Monitored from 2355 until s/off 0100. Following info given at s/off the next day: Sked 20-1/2 hrs per day, 5:30am to 2 am LT (TCs were 1 hr ahead of GMT which corresponds to British Summer time) and announced 1230 kc, 244 meters AM and VHF channel 43 at 100 MHz (English term "VHF" corresponds to American term "FM" and mean the same-Ed.) and thirdly, SW at 49 meters. No powers were given. Located 6.5 miles off Clacton-on-Sea, Essex at 51° 43'30" N, 1° 17' E. (Location of the old Radio London-1137 ship-Ed.) They invited QSL requests to "Box 113 (pause) 8847" in Zurich. Had ads for Bulova. I checked a Navy navigational chart, see that they are in rather treacherous navigational waters (many sandbars, reefs and shipwrecks in the area), their anchorage being about 6 fathoms, in the middle of Kings Channel, just south of Gunfleet Sandbar. One afterthought - I originally thought I'd gotten ZEM-1, Bermuda being some 1400 miles west. (Bowab, mid-Atlantic)
- 1240 Uruguay. CW-35, Radio Paysandú. 7/13 quite good 0945 with requests for local listeners "en Paysandú". (Wood)
- 1250 Uruguay. CX-36, Broadcasting Centenario del Uruguay, Montevideo. 7/13 first new DSA logging this night and loudest Uruguayan. Up to very good strength at times, peaked 0927. 0930 had 3 gongs, "Broadcasting Centenario del Uruguay, 1250 kclos. onda larga", 3 gongs down. Mostly sports news from Argentina. (Wood)
- 1260 Argentina. LT-9, Radio Santa Fe, Santa Fe. 7/13 1025 nx, 1029 had 6 electronic notes up, "Esta es radio veinteseis, Radio Santa Fe", 6 notes down. Folklore mx. Quite good. Argentina #13 here. (Wood, Hawaii)
- 1270 Ecuador. HCUM2, Radio Universal, Guayaquil. Noted again 6/29 1030 with folklore mx. TCs and clear IDs as "Radio Universal." (Wood)
- 1280 Brazil. PRG3, Radio Tupi (not "Tamoio" as consistently in WRIVH-rew) 7/6 0830 bossas novas, good to very good. Best Brazilian. (Wood)
- 1300 Chile. BC-130, Radio Presidente Balmaceda. 7/13 1100 s/on, all station details, request reports. Good to very good. Also noted DSA's on the 13th on 870, 930, 950 (semilocaltimes), 1030, 1070, 1230, 1270. I have taped the highlights of this night and will bring it to the Convention. (Wood)
- 1300 Puerto Rico. Radio Util, WTIL Mayagüez, very seldom hrd due to local here, Radio Radio, IDing 0530 7/12 with ads. (Objio)
- 1300 Colombia. La Voz de las Antillas, HJOG Cartagena, w/pop mx IDing two min. later at 0532 on 7/12, WTIL looped. (Objio)
- 1306 Cuba. Reloj Nacional, hrd with news, IDing every minute with the time. Can't say where this xmtr is located. 0539 7/12. (Objio)
- 1337 Colombia. Stn IDing as R.C.N., probably operating in the network and AN, the only one listed here is La Voz de Pereira, HJPE so I think this is the one. 0555 7/12. (Objio)

- 1342 Honduras. R. El Mundo, HRRG, San Pedro Sula, IDing at 0559 on 7/12 w/pop mx, first time hrd here, drifted from 1335, nominally 1340. (Objio)
- 1440 Marshall Islands. WSZO, Majuro. 7/6 1000 relaying SW news. Dead on the frequency, and has been for 2 or 3 months. New transmitter? But is no louder than before. (Wood)
- 1540 Bahamas. ZNS-1 Nassau. 6/28 0945 in Haitian Creole, quite good through KPOL; noted again 6/29. (Wood, Hawaii)
- 1543 Colombia. Radio Canoas, HJBV, Cartagena (Turbaco) hrd IDing at 0520 7/12 with the usual female voice as "Yo soy...radio Canoas" and drifting, also as usual. (Objio)
- 1550 Colombia. La Voz Porteña, s/off at 0435 on 7/13 with N.A. (Objio)

----- Verifications -----

- 650 Hawaii. KORL Honolulu sent form letter signed by C. Byron Bush, Stn Mgr, in 6 days. Has verie statement, date and time. (Kamp, Cal.)
- 840 Fiji. F.B.C., Labasa. I quote a verification letter in entirety:  
"Dear Mr. Wood,  
Thank you for your letter of June 29th, we were pleased to receive a report of our 840 kHz from as far as Honolulu. Our 840 kHz transmission has recently been upgraded to 5 kw and relocated at Labasa, the principle (sic-rew) town on the North coast of Vanua Levu.  
It carries the F.B.C.'s vernacular programs from 1800 to 1030 GMT daily. Reports on coverage have been very good but because of interference with Tarawa on 844 kHz, we may have to move down to 810 kHz.  
Our QSL is being forwarded separately. Best of DXing.  
(P.L. Littin, Engineer, for Manager)  
Very pleased with this, another "first"? Better get it now before it moves to 810. (Wood, Hawaii)
- 1300 Chile. CB-130, R. Presidente Balmaceda, Santiago. Attractive v/q in 1 week. No statement of frequency despite a clear request. (Wood)
- 1578 Portugal. CSB5, Em. do Norte Reunidos sent specific red, black and white v/q for taped report. Had wrong date. 9 months in transit. No signer. Addr: Studios, R.D. Joao IV, Nº 960, Porto. (Kilroy, Md.)

----- Projected Operations -----

"New AM stations, Final Actions"

- \*Bethel, Alaska. Bethel Broadcasting, Inc. Broadcast Bureau granted 700 kc, 10 kw-D. P.O. address: c/o Dr. Charles M. Northrip, University of Alaska, College, Alaska 99701. Estimated construction cost \$53,794; first-year operating cost \$30,000; revenue none. Principals: Ray Christiansen, temporary president of non-profit corporation. Mr. Christiansen is Alaska state senator. Action June 25. (Wonder if this gent is related to Wally C. who is the veri signer at KTKN-930?-Ed.)
- \*Nome, Alaska. Catholic Bishop of Northern Alaska. Broadcast Bureau granted 780 kc, 5 kw, 10 kw-LS, U. P.O. address: c/o Father James E. Poole, S.J., Box 7, St. Joseph's Church, Nome 99762. Estimated construction cost \$69,433; first-year operating cost \$22,000; revenue \$24,000. Principals: Reverend Robert Whelan, S.J., sole owner. Action June 29.

"New AM stations, Processing Line"

- \*FCC notified that on August 11 the following AM application will be ready and available for processing: NEW, Kodiak, Alaska; Loren F. Bridges; requests 560 kc, 1 kw-U. Annd July 6. (Note that this was shown as 570 previously, in the 5/25 Broadcasting-Ed.)

(All items de Broadcasting, July 13, 1970, p.60)

-----  
See you at the Convention! Your Editor will bring his DX verie!

RADIO MAINE 1000 Watts - 730 KC

Studios in Bath

# W J T O

This confirms your reception of W J T O on 11/16/57

From 12:24 To 12:37

Windsor T. Foster, Licensee

Endstation - Télévision  
 Algiers  
 DIRECTION DES SERVICES  
 TECHNIQUES  
 21, Boulevard des Martyrs  
 ALGER

M. J. T. Foster  
 Nous vous remercions pour la précieuse contribution  
 que vous apportez à nos services techniques par vos  
 rapports d'écoutes effectués sur nos émissions.  
 Fréquence 54.8 Kcs 547  
 entre 21h 59 et 24h 00  
 à la date du 5 novembre 1957



Algeria on 548  
 from Tweedle,  
 N.J.; WJTO  
 from Windsor,  
 Ind.

**HLKU**  
 Radio 1150 KC  
 FM 88.9 MHz  
 TV 12

MANY THANKS FOR  
 YOUR KIND REPORT  
 STATES OF OHIO

PUSAN KOREA  
 PUSAN MOON HWA BROADCASTING  
 CORPORATION CO.

From Richard  
 Wood in  
 Hawaii

Station WJTO  
 Bath, Maine  
 11/16/57

Reçu de la réception de la station de radio WJTO sur la fréquence de 730 KC  
 à la date du 16 novembre 1957 à 12h 24 GMT

Mr. Page B. Taylor  
 106 Prospect Street  
 Dudley, Mass., 02110  
 U.S.A.

Le Can  
 5  
 Stamp

# REPORT FROM ECUADOR

July 10, 1970

**Radio Carrousel**, licensed to 660, is still on 655. Power in antenna, up until 7/6 was 1760 watts and is now 2028 watts. Reports can be sent to the above address (Box A-57, Quito) and will be answered by letter. Format is tropical music, 24 hours 7 days.

**Ecos de la Montaña** is due to go on the air in the next few days, as of this writing (7/10) with 5 kw, on 660. Also 24 hours, 7 days.

**Radio Musical** in Cuenca on 1140 may also be reported to the above address. Likewise it is NSP with 1 kw.

835 in Quito is **Radio Transito** and operates 1100-0500 with 350 watts. 1145 here is now **Radio Capital** and operates irregularly, s/off generally 0400 Z. Power seems about 1 kw. 1545 in Quito is now **Radio Aeropuerto** with 300 watts through 0130 Z nightly (8.30pm) with instrumental mx.

In Cuenca: (splits only) 985 **Radio América** is rock with s/off wither 0400 or 0500 Z depending on the night it is. 1005 is **Radio Visión** with 1.5 kw thru 0400. 1235 is **Radio Popular Independiente** with 2 kw, and it may run as late as 0700 some nights. All national music on this one. One note: except for **Radio Musical-1140**, no Cuenca station has a tower...just an inverted "L" hung between a few poles made of wood. 1265 is **Ondas Azuayas** and runs generally through 0500.

**Guayaquil**: 540 **Tropicana** is 10 kw now. **Radio Mambo-560** is 10 kw and NSP. **Radio Agricultura-605** with 10 kw will soon go on the air. **Radio Suore-693** has been on irregularly of late, power 3 kw. **Radio Espectaculo, HCDO2 - 905** on through 0600 nightly with Latin rock, 1 kw. **Radio America-1115** is 1 kw and on through 0600 nightly.

**Manabi**: **Radio Visión, Manta** is on 650 with 10 kw into a 2 tower DA beamed N-S and is on thru 0400. This one has a great signal in Colombia, for example.

Again, Quito: **Radio Cosmopolita** has been on about 963 for several months. Power is 600 watts.

By the way...log all your split HC's while you can...they are all going to soon disappear with a new frequency allocation plan presently being studied.

A few other notes...**La Voz del Rio Guayas-895** in Guayaquil has been silent for over a year. **Cristal-870** is using a 20 kw rig, but running about 8 kw. **Suceso-995** is in financial trouble and has had great technical problems lately so get it soon, if not logged. **Radio Popular Rocafuerte-1027** is running till 0500 with some U.S. rock in mid-evening spots. **Radio Atalaya-675** (this and 1027 are in Guayaquil) with about 4 kw runs till 0600 with tropical music. **Radio Paz y Bien, Ambato-1335** is now 3 kw and an irregular sked, mostly with national mx. **Canal Manabita-625** with 1 kw, **Portoviejo**, runs thru 0400 with a mixture of all kinds of mx. **Radio Noticias, Quito** on 785 with 300 watts is on till 0400 with light mx. Quito licenses listed in WRTVH but now defunct are: **Radio Colón-1005** (continues on 920), **Radio Independiente-1045**, **Radio Armonicas-1530**, **Radio Corporacion-1360** and **Radio Victoria-1335**.

I am still operating: in Quito, **Musical-570**, **Radio Fiesta-590**, **Canal Tropical** on 810 and **Ecos de la Montaña-660** - plus 2 FM's - along with **Radio Musical**, **Cuenca-1140**, **Radio Carrousel**, **Guayaquil-655** and **Radio Musical, Ambato-1480**.

That about does it from here...73  
Dave Gleason

(some of this info appeared last issue and some is new, so we ran Dave's letter in its entirety so as not to inadvertently omit anything. -Ed.)

## HUNTING THE LATIN BY MUSIC

by Ronald F. Schatz

Not too few North Americans, including many DXers, seem to hold the idea that all Latin-American music is the same. But try to find a Florida DXer who will agree; it's not an easy job. Confront him with a station playing a heavy "BOOM-bam-BOOM-bam-BOOM-bam-BOOM...", and he'll probably mention, "Must be a Colombian!" All bongos and Spanish lyrics? Music is as much a clue to a country's identity as a verie is proof of reception - at least. With relatively little experience a DXer can have a fairly good idea of a station's origin before any word is ever spoken - just by recognizing the "musica". Here is how to identify the principal Latin nations the rithmic way:

**CUBA**. Several types of music exist here. Some, like the "bolero" and "cha-cha-cha", are well known in North America; while the "decima" and "mozambique" remain obscure outside Cuba herself and, possibly, Miami. Typically Cuban is the orchestra consisting of a chorus of violins and piccolos, and the drummer's metallic "clank-clank-clank-clank". In the gently-rolling sung "bolero" the orchestra fills in the gaps between lyrical phrases with movements of its own, a sure sign of Cuba.

The sound of a single guitar and a wailing "peasant" singing single lines out of tune with long pauses on said guitar between lines is the "decima". The singer thinks up his lines during the pauses. Very often the songs are politically orientated, and "companeroes..." is a popular beginning for the first of the ten (decima) lines.

The "mozambique" sounds like it belongs in Africa. No tune is involved; just the heavy, rapid beating of several drums with an occasional chant of "moh-sahm-BEE-keh". The "mozambique" is post-Castro, and Fidel would like to export it for that reason.

**COLOMBIA**. Colombian popular music has a heavy beat, like the "BOOM-bam-BOOM-bam-BOOM" of a mallet striking opposite surfaces. A soft "ti-ti-TAT...ti-ti-TAT...ti-ti-TAT" may accompany the main beat. The tune, generally a repetition of a single bar, is provided by brass and especially the clarinet. If the music sounds like a syncopated steam-driven pile driver plus echo, you're likely hearing Colombia.

**ECUADOR**. Similar to Colombian music, but more primitive and "Indian" in sound. The "si-si-SIT...si-si-SIT...si-si-SIT" of marracas is typical with a single woodwind providing the tune

**DOMINICAN REPUBLIC**. The "merengue" is the national music of the country. Recognize it by its typical rithm: "brrrrr-rrr OO m - boom-boom-boom-boom-brrrrrrrOOM-boom-boom-boom-boom-boom-brrr..." Careful, tho; it's popular elsewhere in the Caribbean as well, especially in Central America.

**GUATEMALA**. It's the instrument to look for here - the xylophone-like "marimba". The music itself is southern Mexican, as per the popular song "Chiapanecas".

MEXICO. Little explanation is needed here as more North-Americans are familiar with Mexican music. The "ranchero" is often called "Mexican country" and is especially popular in the northern states. A guitar strums waltz-time to tunes like "Cielito Lindo", "Mariachi" is brass and violins with a solo singer; it's as Mexican as tacos. The "Mexican bolero" lacks a noticeable drum beat, and typically sounds like something like "Theme from a Summer Place". The singing is emotional and, at times, downright passionate!

ARGENTINA. There is the "tango", of course. But the more popular music is hard to describe. Let's say it sounds like Russian popular music, but livelier. There is much guitar picking involved. The guitar song "Carnaval" being heard in North America ("Give me another, give me another, give me another kiss...") is Argentine.

VENEZUELA. Angel Falls is in Venezuela, and so is the harp. "Tumbe" music also encompasses the Netherlands Antilles. It's a constant but irregular strumming of a Venezuelan harp with a tune to accompany, Heavenly Latin!

At least half of your L.A. listening will be music, which is not all the same. So if you have to "face the music", let it be the key, not the barrier, to identifying your DX catches.

Wireless World, June 1970

### BROADCAST RELAY ENGINEERS

are required for the

#### ISLAND OF MASIRAH

(Off the coast of Muscat and Oman)

Applications for contract employment for a one year unaccompanied tour of duty are invited from engineers with experience of the operation and maintenance of high power radio transmitters and who are of third year City and Guilds Telecommunications Technicians Certificate or equivalent standard.

**Salary** £4,000 per annum plus a tax free allowance of £350 per annum for single, or £865 for married unaccompanied officers

Free furnished accommodation and passages are provided.

Further details and application forms can be obtained from:

**The Personnel Officer,  
Diplomatic Wireless Service  
Foreign & Commonwealth Office,  
Hanslope Park,  
Wolverton, BUCKS.**

535

City life getting you down? Having trouble logging the BBC relay on 1410 kHz? Here's your chance...

# Short Subjects

## ADDITIONS TO THE TEXAS STATE NETWORK

970 KNOK  
1120 KCLE

1230 KNUZ  
1460 KBRZ

## THE SITUATION ON 1130

### WNEW

WNEW was granted a license on 5/19/70 to operate from their new site. They moved to the new location because of highway construction projected by the New Jersey Turnpike Authority. The proposal for new night operation used four towers instead of the two used previously. Only one tower of the 4 is the full half-wave high, the other 3 are just over a quarter-wave tall. The half-wave one is used daytime non-directional, and all four are driven for the night pattern. The original proposal was made in 1966, but the night pattern did not meet the FCC's efficiency requirements. Nobody noticed, however, and it wasn't until the towers were up that it was realized that the system efficiency wasn't going to make it. WNEW appealed to the FCC for an efficiency waiver which was granted and under which they will be permanently operating. The new pattern is very much like the old one as far as coverage and nulls are concerned.

### WISN -- WDGY

WISN in Milwaukee proposed an increase to 25 KW night with a new pattern using 12 towers (they use 9 now with their 10 KW night). The FCC accepted WISN's proposal on 8/15/67. WDGY in Minneapolis proposed an increase to 50 KW night with a new pattern, using the same basic 9 tower array they use now with their nighttime 25 KW. The FCC accepted WDGY's proposal on 4/19/67. A. Earl Cullum, Jr. and Associates of Dallas is responsible for both proposals, and they are having problems with them. At last check, WISN's most recent extension was to expire 8/18/70, and WDGY's was to expire 6/17/70. Both patterns have extremely deep nulls, and surrounding structures such as water tanks, power line towers and power lines, etc., are re-radiating energy from the antennas, distorting the patterns. So far, 14 power transmission towers and 3 water tanks in the vicinity of WDGY have been detuned, and they still aren't within specifications. WDGY must have another extension by now, as no license grant has shown up in the Activity Reports from Cooper-Trent. It probably will be awhile before these are licensed for their new operation, and keeping them "in" will be a continuing problem.

--- Paul K. Hart

# NRC LOG AVAILABLE!



When the first edition of the unique NRC Domestic Log appeared some two years ago, it was an instant hit - universally acclaimed as the most detailed, accurate, and complete guide to North American broadcast band stations ever produced. The long-awaited second edition is now off the presses and a limited number are now available to the general DX'ing community. **The NRC Domestic Log is** not just another station list - it's a general guide to the North American radio scene, designed by DX'ers for DX'ers to facilitate identification, logging, and verifying the more than 5000 broadcast band stations in the U. S. and Canada.

## ◇ DESIGNED FOR THE DX'ER

For each station in the U. S. and Canada the NRC Log provides the following useful information: city where licensed... type of antenna... class of operation... day and night powers... **pre-sunrise authorization powers...** **network affiliations...** MAILING ADDRESS for reception reports... HOURS OF DAILY OPERATION... silent periods... proposed changes... and more!

## ◇ COMPLETE

In addition to listing all regular broadcasting stations in the U. S. and Canada, the NRC Log also includes information on the many hard-to-identify Canadian low power relay stations (LPRT's), as well as Armed Forces stations in Alaska and Puerto Rico. The NRC Log even lists stations for which licenses and construction permits have been granted but who've not yet come on the air - information that'll help keep the Log **accurate in the months to come!**

## ◇ ACCURATE

The second edition of the NRC Log updates the first with more than 3000 additions and corrections. **Information for the Log has come from even more sources than before** and has been carefully corrected, proofread, and updated by members of the National Radio Club - world's oldest and largest medium-wave radio club.

## ◇ UP-TO-DATE

The new edition incorporates the latest information from the FCC and DOT and includes last minute changes from actual band monitoring as late as June, 1970 - making this the most up-to-date publication of its type ever produced.

## ◇ EASY TO USE

The new NRC Log has been produced by commercial offset printing from easy-to-read IBM type and is more than 180 pages in length. **The new Log features a hard cardboard cover** and a plastic "comb" binding that permits the Log to lie flat when open.



And all for  
only  
\$2.75!!



**EDITOR:**  
T.J. EDWARDS  
Box 848  
Wayne, N.J. 07470

Hi, folks - Once again, here we are... and, once again, this column will be a bit out of the traditional order. First, though, some random remarks: One, anyone out there who receives Broadcast Management & Engineering, and doesn't save the copies, I'd appreciate your sending them to me in twos or threes in a brown envelope so's I can keep up with what's going on. I've not been able to convince them that they should send me a subscription.... Also, anyone having access to Billboard might well check it weekly for station schedule changes and other items of interest for use in DDXD and send these to me. Hokay? Hokay. Now, we'll get into a whole bunch of new f/c's. Many of these are gleaned from musings throughout the past season, wherein the info as to date, time or both was missing. I've checked 'em w/ Page Taylor's master f/c list, and will list them here now. All were hrd by NRC during the past season...

FIRST OF MONTH  
0000-0015 \* WJAS - Mo - 1140  
0005-0020 \* WIDE - Mo - 1100

FIRST MONDAY  
0235-0250 \* WBOW - In - 1230  
0315-0330 \* KWAC - Wa - 1490 TC  
\* KVEG - Nv - 970

FIRST THURSDAY  
0330-0345 \* WIGO - Ky - 1450  
0500-0515 \* KMIS - Mo - 1050  
0600-0610 \* KARV - Ar - 1490

FIRST FRIDAY  
0315-0330 \* KWCB - Ar - 1300

SECOND MONDAY  
0025-0040 \* WMB - Tn - 1100

SECOND TUESDAY  
0015-0030 \* WJHO - NY - 1320

SECOND WEDNESDAY  
0130-0145 \* WFLI - Tn - 1070 M

SECOND SATURDAY  
0025-0030 \* WFTL - Ky - 1500

KEY: (betw. time & call columns)  
\* denotes ann'd regular or hrd.  
more than once.  
- denoted hrd once only.

THIRD MONDAY  
0100-0115 \* KIKS - La - 1310  
- WKYE - Tn - 1550

THIRD FRIDAY  
0100-0115 \* KGHs - Mn - 1230 T

THIRD SUNDAY  
0115-0130 - KILo - ND - 1440

FOURTH MONDAY  
0215-0230 \* KIML - WY - 1270

FOURTH WEDNESDAY  
0100-0115 \* KCOG - Ia - 1400  
\* KLTI - Mo - 1560

FOURTH FRIDAY  
0130-0145 \* K3VL - Tx - 1440

FOURTH SATURDAY  
0000-0010 - WALY - NY - 1420 (aft. Fr)  
0130-0145 \* KBRs - Ar - 1340

TUESDAY NEAREST 15th OF MONTH  
0040-0100 - WKCL - NY - 560

CHANGES FROM PRESENT LIST:  
1st Sun. - KICK-Nb - is ODD months  
2nd Mon. - WTRC-In - is quarterly,  
2,5,8,11  
- KSWO-Ut - is 0345-0400  
1st Wed. - KWAC-Aa - is 0721 months

580	KFXD-Id	Good 6/22 0545-0605 w/rr. (Steve Kamp, San Jose, Ca.)
	unID	ET/TT 0115 and on all AM 6/23 (Eric DiRiccio, Pittsburgh, Pa)
600	CJOR-BC	Fair 6/22 0450-0510 w/ vaguely c&w mx. (Kamp)
620	KGW -Or	Good 6/23 0241-300 w/rr. (Kamp)
630	KOH -Nv	Good 6/21 0505-0530 w/ class. mx. (Kamp)
710	KIRO-Wa	Good 7/2 0332-0347 w/ "Hit Parade '70" (Kamp)
790	KWIL-Or	Good 6/29 0408-0430 w/ religion. (Kamp)
***770	WABC-NY	Has started running what appears to be an AN talk show MM's. Not certain yet, but mebbe NSP. Runs AXR, complete w/ lotsa parasitic radiations & all that good stuff, yecch... (RJE) Requesting calls on DX-test of some sort 0150-0200 off on 7/18 (Page Taylor, Butler, N.J.)
***730	WACE-Ma	Good 6/20 0214-0231 w/rr (Kamp)
900	CJVI-BC	Hrd 6/24 0424-0440 w/ MoR (Kamp)
920	KOLO-Nv	Hrd w/ s/off 0108 6/29 (DiRiccio)
	CJUZ-NB	W/NBC nx @ 0003 6/29 (DiRiccio)
	ZARK-Ar	Good w/KHJ nulled 6/23 0003-0029 w/ MoR (Kamp)
930	KSET-Id	Is now AN MM's too, hrd 7/20 (Sam Simmons, Montreal, Que)
+ 970	CKCB-Qu	ET, ID 0115 u/WAZ's r/c 7/13 (Taylor)
	WROX-Tn	Hrd wk. u/ KAAY 7/6 0115. (Taylor, vacationing in Manitoba)
	KING-Wa	Good 6/20 0103-0131 w/ c&w mx (Kamp)
1090	KREU-Ca	Went ann'd NSP 7/8 (Starr, Taylor, RJE, Simmons) but was off AN 7/21,22,23 s/off 0105 (Starr, Taylor)
1130	WJAR-Or	O/the mess, good 7/6 0154-0210 w/nx,rr,mx (Kamp)
*1220	WJAR-Or	Had ET/TT MM 7/20 ending 0212 (Simmons)
1230	KCBW-Nv	Good w/KTMS nulled w/ nx 7/11 0032-0047 (Kamp)
1240	WENY-WY	Good when o/KGIL, but mostly poor u/KGIL 6/22 0300-0313 w/ nx,wx, instr. mx. (Kamp) Hrd w/MoR o/WFEM (Taylor in Manitoba)
1250	KNSU-Id	Good 6/20 0500-0524 w/ rr (Kamp) // 7/60145
1260	CFRN-Al	Fair w/ f/c-TT-Annct. @0346 but 15 mins. late. (Kamp) Date??
	GHAY-Al	Good 6/30 0458-0512 w/ MoR, nx, wx. (Kamp)
	KIML-Wy	Fair 6/29 0542-0600 w/ canned comedy show. (Kamp)
	KBUE-Az	Had PoP/OC 0220-0229 w/ frequent, lengthy ID's 7/20 (Simmons)
	WHR -Tx	ET w/ soul-gospel mx all AM 6/22, is this KXLW?? (Starr)
	WCHD-Ma	Talk show o/KFH 7/6 0000 (Taylor in Manitoba)
1320	UNID	Unlisted f/c-TT 7/17, 01250140. (Simmons) (3rd Fri.)
1330	WLOU-Mn	S/off 0235 due to technical difficulties (Taylor) 7/18
* 1340	WOKS-On	U/powerline QFM 0715-0723 7/6 w/ MoR. (Kamp)
1350	GHV-On	Good 0402-0416 7/3 w/ MoR (Kamp)
1370	KJNO-Ka	Good 6/25 0422-0437 w/rr (Kamp)
1400	KSLY-Ca	Unn., but noted s/off 0145 7/17 w/ SSB (Simmons)
1420	KPTH-On	Good 6/29 0515-0523. (Kamp)
	WOOJ-Pa	Good w/ rr 6/25 0302-0321 (Kamp)
1450	KONE-Nv	Poor 6/29 0604-0613 w/ mx, promos (Kamp)
1460	KDON-Ca	Hrd 7/4 w/ nx u/ WMBD (Taylor in Manitoba)
1470	KHBC-Tx	Off briefly 7/20 0105-0245 (Simmons)
	KTRV-Ia	Hrd briefly w/ ID 0155 u/WOL 7/13 (Taylor)
	GPOI-Qu	ET-TT 0246-0319 7/6 (Bill Stone, Claremont, Ont.)
X 1450	WQSN-SC	R/c unlisted hrd 6/22 0145-0200 w/tt (lth MM) (Stone)
1470	WKEY-WI	ET using RS FM pgm. commercials and all 0210-240 6/22 (Starr)
* 1350	WQCI-Il	Good 6/25 0221-0236 w/rr (Kamp)
1470	WOOJ-Ca	Testin; w/ airchecks of afternoon pgm. 0230-0305+ 6/23 (Starr)
1480	KFOS-On	ET/TT/OC 0235-0315+ 6/23 (Starr) Same 7/13 0125 (Taylor)
1550	WCVL-In	Noted off SuM 7/19 after 0104. (Simmons)
	WRIE-Pt	Unlisted f/c hrd 2nd MM 7/13 0100-0115 (Taylor)
1570	OKLH-Qu	Log taken 7/15 to 0130 SSB s/off (Simmons)
1590	WSTT-Or	ET & c&w, freq. ID's, SID's 0223 7/19 o/WAKR (Taylor)
	WBBY-Or	
	WELB-Pt	

WJBT-1120, WCAE-990, WFOV-1580; WFTL-1150; WTVT-1190, WFTS-1150.

call applications

- 790 KEST-Id Req. KSPD
- 910 KLSI-Ka Req. KINA
- 1470 KWVY-Ia Req. KWAY

changes

- 690 WXUR-Pa FCC non-renewed license, ordered stn, off by mit. 9/1/70. But, of course, stn. may well appeal....(RjE)
- 1150 WFPM-Ga Has been off since 7/22 due to severe fire damage which totalled the stn. Dunno when they'll be back or if they will (RjE)
- 1420 WHK -Oh Has decided to play the SSB DURING RS at 0800 daily & noon Sundays. (RjE)
- 1470 KWEY-Ok) Allright, which is it ??? Broadcasting sez 1470, Cooper Trent sez 1590. Help????
- 1590 KWEY-Ok)

sunrise & daytime

- 920 KFLP-Tx Fair 6/22 0701-0713 w/rr (Kamp)
- KXLY-Na Good 6/22 0713-0715 testing w/ OC, ID 0715 (Kamp)
- 1050 WYNG-NY Logged 1110-1125 7/20 in clear (Simmons)
- 1230 WJOT-Va O/u CJSA w/ CBS nx 1131 7/20 (Simmons)
- 1250 WFPB-NC Loud w/ Checkpoint nx headlines 1130 7/20 (Simmons)
- 1290 WYFF-NC Good 6/20 0624-0639 w/rr (Kamp)
- 1380 WCVB-Vt Weak u/CJSO 1139 7/20 (Simmons)

sunset & evening

- 620 WREB-Na L&C w/ "The World Tomorrow" 1830 7/1 (DiRicco)
- 750 KRL -Or Fair 7/11 2345-2358 s/off. MoR. (Kamp)
- 990 KABL-Or Good w/ KHJ mulld 6/23 2316-2332 w/ MoR, Legion BB @ 2325. (Kamp)
- 980 KVLV-Nv Good 6/24 2320-2330 w/rr, s/off SSB. (Kamp)
- KINS-Ca Good after KVLV s/off. Had MoR to 2344 (6/24) then sw. to nite pattern & gone. (Kamp)
- 1150 KXLR-Ar Hrd w/ nx 6/10 ( time//??? -RjE) w/ QRM de WCUE, WDEB, at SSS (DiRicco)
- 1230 KMG -Ca 6/21 2058-2113 w/ ads, MBS nx, mx. (Kamp)
- 1290 KCUB-Az Mostly o/KHSL but sometimes under w/ c&w mx 7/7 2348-0002 7/8 (Kamp)
- 1380 KWK -Mo Hrd 7/7 w/ M&C promos. (Date??? -RjE) DiRicco)

DX\*TEST UPCOMING:

1450 - CHUC - Port Hope/Cobourg, Ontario, 1000 watts will test on AUGUST 8/ 1970 0100-0400 EDT w/ mx & ID's. Reports: Mr. Trevor Joice, CE, CHUC Radio Ltd., Box 520, Cobourg, Ont., CANADA. Arr. by Mark Drogin (IRCA-CPC, also member NRC)  
 This should get out very well all over the Northeast, as CHUC is frequently hrd in NJ at 0013 s/off MM's. (RjE)

\* \* \* \* \*

Once again, please note that we have a priority system for loggings submitted to DDXD. It will save you time and it will save me time if you omit all regular and semi-regular stations from your submissions. Likewise, remember that it is not necessary to list your name or name and location after each item listed as I do in the column. Just make sure this info appears once on each sheet you submit.....

The following CP's either may or may not be on. We have been unable to obtain info as to their status: whether or not they're on, or cancelled, or have been granted extensions to the original completion dates prescribed by either the FCC or the DOT. Likewise, there are a few, indicated by underlined calls, which we have never been able to find a completion date for. Anyone having this data, please send it on to us, even if you have it for only one station. Thanks.

- 620 \* - Prince George, N.S.
- 720 \*WTK - Las Vegas, Nv.
- 740 \*GNTI - Marystow, Nfld.
- 680 \* - Clovis, N.Y.
- 790 \* - Corner Brook, Nfld.
- 800 \*WKV - Rockville, Ct.
- 810 \* - Caraguet, N.B.
- 920 \*CPT - Lexington Park, Md.
- 940 \*EHL - Nelsonville, Ohio
- 950 \*KJLN - Cabin John, Md.
- 970 \*WJZH - Jacksonville, Fl.
- 980 \* - St. John's, Nfld.
- 1060 \*WPLK - Rockmart, Ia.
- 1090 \* - Humboldt, Tn.
- 1130 \*WTSN - Milwaukee, Wi.
- 1220 \*CKSM - Shawinigan Falls, Qu.
- +CKDA - Victoria, B.C.
- 1350 \*CFCH - Quebec, Qu.
- 1370 \*WTEB - Grand Haven, Mi.
- 1380 \*KWK - St. Louis, Mo.
- \* - Oromocto, N.B.
- 1430 \* - Wetaskiwin, Al.
- \* - Clarkston, Va.
- 1440 \*WAYK - Lehigh Acres, Fl.
- 1480 \*WDS - S. Charleston, W.V.
- 1520 \*KCHF - Sioux Falls, S.D. - 1500
- 1530 \*WDJZ - Bridgeport, Ct.
- 1560 \*KAJN - Crowley, La.
- 1580 \*WVVT - Mt. Dora, Fla.
- 1590 \* - Dalph, Ga.
- +WHL - Cherryville, N.C.

\* denotes new stn.; + denotes chan. // WHL = Cherryville, N.C.  
 \*\*\*\*\*  
 \*\*\*\*\*

RANDOMNESS....

Our thanks to Page Taylor, whose trip through Canada yielded much-needed revisions in station schedules for all of the stations in the province of Manitoba, which are incorporated into the Updater, which hopefully appears this issue, despite the fact that I'd announced it for one issue hence. It seems there's plenty of change data, so the Updater was prepared earlier.

George Sherman pens that he is in favor of ELT in DDXD & Musings in that EST causes people to convert from whatever their normal time really is (excepting Michigan, of course) and that ELT should be no problem around change time,,,, Well, the proof of the pudding lies in the first issue after the time change, where submissions were not only from loggings both prior to and after the change, but submitted in both types of time notation regardless of date involved. The problem appears to be in attempting to coordinate any change, be it DX News or reality, amongst a group of individuals living in different time zones. The only real solution is the complete and total elimination of Daylight time throughout the country.

Included in this issue should be a page held over from last week listing r/c's hrd, three or four new checks, etc.

590 CFAR-Ma-SCH: 0720(0850)-0100  
(0215 Sa;0115 Su)

630 WMAL-DC- CP is on.  
CHLT-Qu- CP is on.

690 CBDS-Ma- SCH: 0700(0800)-0215  
700 CP -Ak- Bethel, 99559, 10000 DL  
730 CKDM-Ma- SCH: SP: MM 0101-0700  
750 KPQD-Ak- CP: 50k/10k UL  
780 CP -Ak- Nome,99762; 10000/5000  
UL

810 WELF-Wi- CP is on.  
CP -Ma- Winnipeg, DELETE

850 KHL0-Ha- SCH: 24 hrs., SP MM  
860 CBDU-Ma- SCH: 0700(0800)-0215  
CBKB-Ma- " " " "  
CBXF-Ma- " " " "

910 KPHO-Az- SCH: SP MM 0300-0800  
920 WMBG-Fl- LOC: Melbourne,32901  
(po: Eam Gallie)

CKWL-BC- 1000 U2, On. (po:1240)

930 WGNF-WV- ex-WSAZ  
950 CFAM-Ma- SCH: SP MM 0100-0630  
970 WATH-Oh- CP: 5000 DL  
WBLF-Pa- CP is on. (po:1330)  
CKCH-Qu- SCH: Is AN MM's.

990 WAKN-SC- delete NET  
CBES-On- Clarify province  
CBW -Ma- SCH: 0600(0800)-0215  
(0115)

1010 CFRE-On- SCH: SP: SuM 0400-  
1050 WAUG-Ga- NET: Ai  
CKSB-Ma- SCH:Su nite (MM) s/off  
is 0040

1060 CJRP-Qu- CP: 50000/10000 U4  
KYTW -Pa- SCH: s/off MM 0000  
1080 CP -Al- Luverne,36049; 500 DL  
1110 CFML-On- (cp: 1170)  
1140 WJIT-PR- ex-MITA (Clar.)  
CP -Tn- Fayetteville,37334;  
1000 DL

1150 WGBR-NC- DELETE CP (clar.)  
WCUE-Oh- NET: Ai  
WYNE-WI- new call (clar.)  
CP -BC- Kelowna, 1000 U3  
CKX -Ma- SCH: 0700(0825)-0200  
(0100)

CJRC-On- CP: 50000/5000 U4  
1170 WSNE-Ga- CP: 1000 DL (po:1110)  
CFML-On- CP: 10000 D3 (po:1110)  
1190 KAYQ-Mo- Kansas City (CP) 1000/  
250 U2 (clar.)

1220 CP -Ma- Brandon, DELETE  
1230 WEEK-Pa- NET: Ac  
KGRO-Tx- CP: 1000/250 UL  
GHFC-Ma- SCH: 0700(0900)-0100  
(0200 Sat)

1240 CKWL-BC- delete  
CP -BC- Fernie, 1000/250 UL

1270 KADL-Ar- NET: Ai  
CJQM-Ma- delete  
1310 KNUI-Ha- CP is on.  
CP -Al- Westlock, DELETE

1320 KHAL-La- delete  
WJAS-Pa- SCH: SP MM 0100-0500  
1330 WBLF-Pa- delete  
1340 WHAP-Va- NET: Ai  
CP -Al- Wetaskiwin, DELETE  
CP -Qu- Chapais, 250 UL

1350 WTLS-Al- new call (York)  
KLYD-Ca- NET: Ae

1360 KMRR-Mo- new call (Cameron)  
CP -On- Bainbridge, DELETE  
1370 CP -Sa- Saskatoon, DELETE  
1380 WAMS-De- NET: Ac  
WAYZ-Pa- NET: Ac

X1350 WEGA-PR- (CP) Vega Baja,00763,  
500 D3

1400 WLTN-NH- CP: 1000/250 UL  
KSRC-Wa- CP: 1000/250 UL  
CBWG-Ma- SCH: 0700(0800)-0215  
CKCB-On- CP is on.  
CJFP-Qu- CP: 10000/5000 U2

1410 WSNE-Ga- (cp: 1170)  
1430 WHLL-Ma- NET: Ae  
1450 WTHU-Md- CP: 500/100 UL  
KONE-Nv- CP: 1000/250 UL  
WSNO-Vt- SCH: 24 hrs., NSP

CKXR-Al- CP is on.  
CHEF-Qu- CP is on.

1460 CP -PR- Juncos, 00666, 500 D3  
1470 CP -BC- Vancouver, DELETE  
CFRW-Ma- SCH: 0700-0200

1490 KEDI-Co- ex-KCMS  
KLNQ-Nb- ex-KBON  
WMOA-Oh- NET: C

KLOG-Wa- CP: 1000/250 UL  
WSIB-SC- CP is on.  
1510 KMND-AZ- ex-KALF  
WYRU-NC- CP is on.  
KBJS-Ok- CP is on.  
1520 KAGY-Ga- CP is on.  
KRAD-Mn- ex-1590, same data.  
KOHF-SD- CP is on.

1540 WMRR-Mi- delete  
WELR-Tn- CP is on.  
1560 KCHO-Wa- NET: Ac  
1570 KLOV-Co- CP is on.  
WOBH-Oh- (CP) Oberlin,44074,  
250 D3

CP -Ma- Thornhill, DELETE  
1590 KRAD-Mn- delete  
KIKM-Tx- ex-KTOD  
1600 KLLR-Mn- new call (Walker)

Richard Wood asks why we don't run dates, times of R/c's, saying that the listing of "R/c's Heard" as it stands is relatively useless. Preliminary to listing this issues' r/c's, I'll answer the question: It is understood that all R/c's listed as such in DXLD under "R/c's heard" are already listed in the NRC F/c List, and therefore any listing of dates, times, etc. in DXLD, EXCEPT WHEN ANNOUNCING A NEW, UNLISTED CHECK, is not only repetitive, but superfluous. The listing is intended to be simply a listing of what checks ALREADY LISTED AS REGULAR, are, indeed, being heard. In this way, individuals and the f/c list editor are aided in keeping their own copies of the official NRC list up to date.

r

R/c's hrd this issue are as follows:

March checks: WPRT-960; WXCL-1350; KYOK-1590; WOMS-1050; KPUR-1440; KWRF-860  
WORV-1580; WAZA-1360;  
April checks: WHSC-1450; KWYO-1410; KDCE-970; WEAG-1470; KFVS-960; KGMO-1550;  
WPHG-980; WHEB-1360; WBBZ-1360; WCBG-1590; WEZJ-1440; WOSV-1520; KDEM-1490;  
KLMX-1350; WDIC-1430; WCAZ-990.

New checks to be added to NRC List are as follows:

1550 - WTHB - SC 0015-0030 3rd PM (hrd. 1/16)  
1360 - WELC - Tn 0215-0230 3rd PM (hrd. 1/20)  
1520 - WBLT - NJ 0015-0030 1st PM (hrd. 1/3)

WFOU!

also, one which listed no time in the musing in which it was listed,  
1240- KAVE - NM hrd 4/11 (2nd Sa M)

New checks, and most of the r/c's hrd are cleaned by the editor from musings each issue strictly as a voluntary service on my part, and if date and time for new, UNLISTED checks are not given, the info is relatively useless.

Other new checks, a list I just found, but can't remember where it came from:

1010-WELK - Va - 3rd Tu M after 3rd MM, 0030-0045 Quarterly, mos. 3,6,9,12  
1010-KODA - Tx - 3rd Tu M, 0600-0615  
710-KURV - Tx - 3rd MM, 0115-0130  
960-KSRA - Id - 3rd Sat AM, 0220-0230, Quarterly, mos. 3,6,9,12

b

Still another area of interest for DX'ers lately is that of "taped veries". This relates to the contention of many DX'ers, notably among them, your editor, Jerry Conrad, Frank Waldron, Page Taylor etc., that a tape of the reception of a DX station which contains some definite statement of the call or slogan is at least equal in value to a written confirmation from the station. In many cases we know of, stations tend to be automatic verifiers, thereby verifying multitudes of incorrect reports. For these stations, a tape of reception might indeed be of greater value. Likewise in the case of non-verifiers, or LA's, where one never knows if the station has received his report or f/ups, a tape of the reception might well be most valuable. Finally, for the argument in favor of the acceptance of taped receptions as a legitimate form of verification is the fact that a tape report merely obtains (sometimes) written confirmation that some kind soul at such-and-such a station has heard the same thing from your tape that you did, which somehow is overwhelmingly impressive. Of course, we must likewise consider that many DX'ers cannot afford time, expenses or both to send for innumerable veries. It is claimed in some quarters that it is more easily possible for the DX'er to fake a tape, or to trade a tape (s) than /r



In the case of cards or letters. This is, of course, a truism, but there is evidence of falsified veries in some cases, and, in the opinion of most serious DXers that the individual who fakes his veries or his logs is only hurting himself, anyway. Likewise, many DXers are unable to tape recordings and keep master tapes thereof. For this reason, the advocates of taped veries must request a recognition of their legitimacy as veries. I personally hope that we will soon reach a level where taped or written veries of reports will be equal in status as veries.

On this subject, there is bound to be considerable discussion both pro and con, so please feel free to send your own opinions, and we'll discuss them or print them in entirety as space and time permit.

This leads to another area in which there has been considerable discussion of late: the idea of a domestic supremacy ratings to supplement the existing overall ratings. Although I have become convinced during the past few years that I am opposed to the entire concept of a "supremacy" listing which makes innumerable unjust comparisons, I do realize that this is the only way that DXers may express in tabulated form, their achievements and progress in the hobby.

Thus, I should like to propose that anyone who is sufficiently interested in the establishment of such a listing of domestic DX achievements to volunteer to tabulate such a list on a quarterly basis, should contact me about it. I would suggest a format with one column headed "Overall Loggings & Veries", subheaded by "Logged", "Taped", and "Total Confirmed" columns, then in alternate lists (thus each type of list would appear twice annually), the same sort of subhead arrangement with regard to "States" and "Provinces". Again, any discussion of the points herein expressed is welcomed.

Now, having exhausted, at least temporarily, my file of randomness and other controversies, I'll leave the remaining space on this page for some type of Quasiapocryphal Message from GPN of the ROC of the WEC.....

73's

RR

Re "breakup" on some pages in DX NEWS: the problem occurs when an editor becomes careless about the quality of the ribbon-impression on his copy. Some of our editors seem to be in competition to see how many miles they can type on a ribbon before replacing it... Editors should use a fresh ribbon to prepare DX NEWS copy and set that ribbon aside for use on the next issue. Some special material has broken up on occasion also, especially light Xerox copies of QSL's, etc. We sometimes choose to run some of this marginal filler material on the hopes that it will reproduce adequately.

GPN

## SUPREMACY RATINGS

Norm Maguire  
1420 Columbia Drive NE  
Albuquerque, N.M. 87106



DXer	Location	VERIFIED		HEARD		North America	Best
		CTYS	T.V.	CTYS	T.H.		
B. Dangerfield	Pennsylvania	108	VAC 407			103 R. Antigua 644	
R. Anderson	Virginia	100	VAC 1438			222 AHD, Puerto Rico	
H. Holbrook	Maryland	96	VAC 2273			385 KFAR 660 10kw	
H. Gustafson	Illinois	90	VAC 818			61 WJLS 850 1kw	
H. Robie	Massachusetts	83	254	87		60 HOK 250w	
A. Merriman	Virginia	80	VAC 1249			164 WJES St.Lucia 1565	
D. Reynolds*	California	74	VAC 1330			254 R. Montserrat 885	
C. Freeman*	California	60	VAC 1323			203 Thule/Greenland	
G. Allen	California	57	VAC 2715	60	3408	304 6KW Cuba 900 500w	
S. Drake	Pennsylvania	56	VAC 2387	61	2527	198 St.Pierre 1375	
H. Wilkinson	California	56	VAC 304			89 St.Pierre 1375	
A. Rugg	Quebec	54	1374	56	1446	1188 WKPE 1550	
N. Maguire	New Mexico	53	VAC 2839	82		260 WJLC Bermuda 50w	
R. Wood	Hawaii	51	629	79	1246	515 HOD-42 14.55 250w	
G. Scrimgeour	Ontario	46	VAC 516			346 KBYR 1270 1kw	
J. Starr	Ohio	45	902	46	1112	118 Anquilla 1505 500w	
B. Raczko	Ohio	45	240	50	1105	38 R. Montserrat 885	
R. Leamy	Pennsylvania	40	300			78 R. Montserrat 885	
R. Sperry	Connecticut	39	1600			201 ACA, Canal Zone	
W. Stone	Ontario	32	2910			2469 10-AT, B.C., 15w	
P. Kilroy	Washington, DC	31	169	42	796	28 WJBR, V.I., 1000	
J. Neff	New York	28	VAC 280			68 R. Montserrat 885	
D. Phillips	Kentucky	25	552		1428	21 KGPC	
B. Reynolds	Missouri	24	800	34	1520	94 HON 1501	
F. Wheeler	Pennsylvania	23	1613	26	2649	175 KFAR 660	
R. Luton	North Carolina	23	1039			? AHD 780 22w	
R. Hays	Kentucky	22	373	37	742	32 WJES Grenada 535	
C. Reno*	Connecticut	22	106	23	300	36 KACX 790 5kw	
F. Waldron	New Jersey	20	644	30	1050	117 KEOS 1290 1kw	
*E. Johnson**	Illinois	28	2759			256 WJCA 1250	
C. Mohr	New York	17	521	22	711	89 RJR 580	
J. Pejza	California	16	189	31	459	12 KICY 850	
J. Conrad*	Florida	16	167	24	451	60 PJD2	
E. Floden	Ontario	16	93			61 TOS 10kw	
L. Kruse	Iowa	15	4035			61 WJTA	
J. Renfrew	Connecticut	14	186	19	661	? KFJC 1270 5w	
M. Northam**	Oregon	13	253			36 WAPA 680	
T. Davison	Ohio	11	436			21 WJES	
D. Carlson	Illinois	11	320	18		30 WJEC 890	
R. Richman	New York	9	410	11	557	58 R. Dallas	
D. Whatmough*	Ontario	8	652	26	1509	597	
R. Eddie*	Missouri	8	342	13	743	32 R. Dallas 835	
M. Sorensen**	Ontario	8	340	10	538	259 WJEC 890	
D. Eggert**	Indiana	8	202	20	1274	? WJVP 1560	
D. Erickson	California	6	442			8 R. America 1160	
E. Karchevski	California	5	83			2 KJID	

Welcome to Relfe Luton and the return of Robert Leamy and Bill Stone. Members listed \* or \*\* need to bring their totals up to date or risk being dropped from the standings. Congratulations to Rover Anderson on achieving that magic mark of 100 countries verified. Abbreviations used: VAC = verified all continents; T.V. = total veries; T.H. = total heard. Apologies to W Johnson for listing him low in the standings. Next month, Asiatic totals and best. Have a good Summer and please try and take some time out to update your totals.

73 and Aloha,

Norm

**34** AS WE all know to our dismay, there has been a tendency during the past few years for a decided increase in the numbers of all-night stations.

With a few possible exceptions, these twenty-four hour schedules are to be traced to what we term the depression. Stations which had operated at a profit during boom times, or at least earned their investment, have been forced to seek additional revenue elsewhere to combat decreased earnings.

The only solution, they deduced, was to increase their hours of operation. As a result of DX programs and transmitter tests, they realized that a vast audience — motorists, lunch wagons and all-night restaurants, taxi-drivers, night clubs, etc.—welcomed music from local and semi-distant stations. After receiving FCC sanction to operate from 18 to 24 hours daily, these stations immediately saw that the early-morning programs could be commercialized.

As a result, we find KTM, XERA, WHN, KEPL, KGFJ, WEDC, WNEW, KPAC, WEXL, KRE, KGOC, WJBK and others maintaining schedules most of the night. Forerunners of this aggregator, were KTM, KGFJ and WEXL. It is unlikely that there is a DXer in this or adjoining countries who is not seriously affected by at least one of these stations when dialing for distant stations.

This condition is especially hard on the new DXer, since many comparatively easy stations are blocked. Even so, the old-timers who have these stations "in their baskets" are trying to log the new broadcasters and find the respective channels affected by the all-nighters.

It is unfortunate that this situation should reach its crest at the very

time when inter-club cooperation has brought DXing to a new era. Consequently, it behooves DXers to make a concentrated move to combat the problem and the National Radio Club has gone on record as urging its members to bring the matter to the attention of the Federal Communications Commission, explaining their reaction to blocked channels and asking help in eliminating this condition by a possible segregation of all-night stations on special frequencies.

To complicate matters, there is much to be said in defense of most all-nighters, Mexicans excepted.

Several years ago, I visited a number of small mid-Western stations, one of which was the forerunner of this all-night movement. I asked the manager if it paid to broadcast after midnight, day after day, and he replied, "Definitely, yes!" He went on to point out that a staff of ten persons was existing by virtue of these late programs. If this broadcasting period were taken away from the station, competition

from larger near-by stations would put his organization out of business.

A glance at a list of all-night stations will show that all of them are in zones, or areas, where competition from larger stations is very keen.

An example of early-morning operation at a profit is that of WHN, which broadcasts from 11:30 PM to 4:30 AM daily. Just to keep this program on the air, it requires twenty-four employees: five clerks, twelve telephone operators, two alternating night managers, two engineers, an account service executive, a master of ceremonies and an all-night elevator operator. Add to this the weekly purchase of 200 new recordings, thirty telephone trunk lines used, and see a total of 182 telegrams and 20,252 phone calls received after midnight during November—and it looks as though these programs may be worth-while after all.

Concentrated complaints by the petition method may force the discontinuance of such a program, but how many listeners would care to be responsible for the loss of employment of all these people, merely because we want to hear another station on the 1010 keys channel?

My personal experience and observations have shown that a number of DXers are inclined to be unreasonable in their demands from stations. They DEMAND verifications, without even enclosing return postage; they DEMAND that stations sign off for a period so that they can hear another program; they DEMAND the end of all-night broadcasting; in fact, they DEMAND the elimination of anything which interferes with their DXing pleasure.

If requests were written in a more diplomatic vein, I believe that listeners would find that a majority of the stations would be willing to cooperate in anything within reason. It is my belief that the only solution to the matter lies in a concentrated appeal by the entire DXing fraternity—under the guidance of their radio clubs—to the

all-night stations, requesting that a certain period each week, or each month, be set aside for interference-free reception of stations on the same channels.

Already several stations have proven their willingness to cooperate in such a manner. WEDC, Chicago, stands by every Tuesday morning; WEXL, Royal Oak, Mich., has stood by for a number of specials, is silent on Sunday mornings and signs off at 04:00 EST weekdays; and WJBK, Detroit, has promised the NNRC to stand by for important specials on 1500 keys. WSMK, Dayton, Ohio, left the air during its former all-night programs for a special NRC dedication, although they stated that they could not be expected to do this regularly, since they were losing revenue while they were off the air.

## The All-Night Station Menace

By ALFRED W. OPPEL,

NRC Associate Editor



and the beat goes on!



"QUICK! WARM UP THE RECEIVER -- ALL THE LOCALS ARE OFF!"

(From RADEX magazine, 1933)