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# DX News



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NUMBER

"Wouldn't miss renewing DX NEWS if I had to borrow  
10 bucks from a stranger! It's been great being a  
member of 'Number One' - the other clubs are simply  
in the 'We Try Harder' category." (Page Taylor, N. J.)

## IN THIS ISSUE...

Latest NRC Domestic Log Updater - Russ Edmunds  
Radio Difusora Popular - César Objío  
KLUC Reception Reports - Fred Tankersley  
What is a PreSunrise Authorization? - Russ Edmunds  
Medium Wave Stations in the Dominican Republic - César Objío

## MORE NEW NRC MEMBERS THIS WEEK...

\*Paul Handte, Berkeley, Ca.  
\*Bill Lemak, Ft. Walton Beach, Florida.

Welcome to the NRC, gentlemen, please write into Musings and introduce yourselves! Your new member kits will be reaching you shortly...

## RENEWALS THIS ISSUE...

Dunn... Grant... Cooper (R)... Mohr... Hansch... Moore (W)... Edge (J)...  
Rogers... Share... Kelley... Simon... Maslen... Holmes... Foote...  
Foxworth... Callarman... Fox (G)... Taylor (Page)... Schlotz (Crater)...

## NEW PRINTER SPEEDS DX NEWS...

Our new printing contract will significantly speed up production of DX NEWS. For those who submit last-minute information the current operations schedule for DX NEWS is as follows: Copy must be at GPN's by Saturday; completed DX NEWS copy goes to printer on Monday morning; completed DX NEWS picked up from printer on Wednesday night; addressed, stamped, and mailed on Wednesday or Thursday night depending upon Wednesday completion time; First Class delivery by Saturday, P.O. willing... Last minute information on DX Specials, etc., phoned into HQ (see back page) on Sunday night will probably be in the hands of the members by the following Saturday...

PAUL, WHO ARE YOU...?

We have an NRC Latin American Log order here from "Paul", handwritten on lined paper in ballpoint pen; no return address on letter or envelope and with an illegible postmark. . . If this sounds like you please let HQ know and you'll get your LA Log pronto. . .

CONDOLENCES TO STAN MORSS

on the recent loss of his father who succumbed after a prolonged illness. We offer Stan our deepest sympathy. . .

NRC BLUE DOMESTIC LOG IMMEDIATELY AVAILABLE. . .

The Second Edition of the NRC Domestic Log, released last Fall, has proved to be the most successful BCB DX club publication of all time. . . More than 1,000 copies sold in the first few months. . . Hundreds of superb recommendations, reviews, Musings and Fora attest to the quality of the Domestic Log. . . (Three highly critical reviews must be acknowledged, however; one from a "PSL" who objected to the fact that NRC produced it, one from a Canadian DX'er who took justifiable umbrage to our omission of a number of 1340 Canadians, and one from an NRC member who complained bitterly that an alphabetical by-call listing had not been included - but who declined to prepare such a listing for the next issue.) The Blue Log (Second Printing) corrects all typographical and other errors in the first edition with 9 pages of additional information but is otherwise identical to the first edition; addresses, powers, schedules, PSA powers, etc., for all U.S., Canadian, Puerto Rican, and U.S. Virgin Island stations. 192 pages; commercially printed; GBC comb bound to lie flat for easy reference. . . \$3.00 from HQ via First Class mail.

NRC LA LOG IS RAPIDLY GOING EXTINCT. . .

We are mailing out reserved copies of the new 110 page NRC Latin American Log at a rate of about 10 copies a day; members who desire copies but who did not bother to reserve a copy are being put onto a stand-by list; mailing of remaining copies on a first-come, first-served basis will begin on June 1st. Identical in format, printing, and binding to the NRC Domestic Log, the LA Log has been updated to include information as late as April 1st and includes never-before-printed articles on Spanish for DX'ers, Pronouncing Spanish Numbers and Letters, LA Commercial Advertisements and much more. . . First and only printing was less than 1/2 of the joint NRC/IRCA membership size. . . Articles on LA DX'ing by Cesar Objio, Dave Gleason, Ron Schatz. . . \$2.50 via First Class mail from HQ while they last.

NRC HQ COMPUTER ATTACKS THIS ISSUE?

Last issue's attempt to use the new computerized addressing system worked fine but for one small problem: a last-pass compilation error had the effect of giving all domestic members International Airmail rates. . . This week, with the aid of Chuck and Jackie Rossier, Big George Kelley, and GPN, we'll try once again to bring the good old NRC into the Space Age (remember Vanguard?). . .

\*GPN & BGK

## SPECIALS

WE WISH TO CORRECT THE TIME LISTED LAST ISSUE FOR THE KWYS 920 FREQUENCY CHECKS, TO 3:45-4:00 ELT on MAY 27, AUGUST 27, and NOVEMBER 27. SORRY.

## I.R.C.A. CONVENTION SITE IS TOLEDO

And the dates are August 20-21-22. More details will be given you when we get them. This is two weeks before our San Francisco Convention.

## N.N.R.C. PICNIC WILL BE SATURDAY, JUNE 19

And the site this year will be Bushkill Park, two miles NW of Easton, Pa. It is also 40 miles W of Newark, N.J. and 50 miles N of Trenton, N.J. The chairman of this annual event this year is Cecilia Fallender, who reports they are planning a big gala. She asks all to bring a gift valued at about \$1 to be used as prizes in games and contests. All DXers are welcome, BCBers, SWS, hams, TVers, FMers, Tapesponders, and whatever else there might be. No time is mentioned, but we'd guess that noon might be a good time to arrive.

## ON THE STATION'S STATIONERY - WILY-1210

Dear Larry (Larry E. Black, Bloomfield Hills, Mich) CENTRALIA, ILLINOIS

"Thanks for your letter and I'm sorry it took me so long to get back to you.

"Our CE asked one of our board engineers to reply who of course asked me to reply, and to their amazement, I did.

"I presume your in a Radio Club, we get several letters a day from clubber's around the nation.

"For your records, WILY-AM is 1,000 watts and non-directional. Our greatest engineering help is the fact that we're on a clear channel with only five other stations in the continental United States.

"I'm enclosing a verification card in case you need one.

"You know that we have had 16 verifications from Michigan alone in the last month. That's not bad, in fact yesterday our engineer sent a verification card to a guy who picked us up in New York City (downtown) at 12:00 noon on a ~~500~~ radio!

"Well hope to hear from you again Larry, hope everything is fine in Michigan. (I was born in Grand Haven). Sincerely"(signed) DALE B. MILLER, PROGRAM DIRECTOR

Editor's note. This feat in the next-to-last paragraph is IMPOSSIBLE, and we hope whomever sent in that report is not an NRCer. Here in N.Y.C., WCAU-1210 is like a semi-local, and WILY'd be a great catch at twilight time, but it simply could not be done at noon. We're sorry WILY was fooled by this culprit - we'd like to see this fellow's program log for that time!

## MINOR LEAGUE BASEBALL COVERAGE

EVANSVILLE TRIPLETS	- WGBF-1280	TULSA OILERS	- KW00-1170
DENVER BEARS	- KLZ - 560	IOWA OAKS	- KCBC-1390
DANVILLE WARRIORS	- WITY- 980	(Ken Onyschuk; Homewood, Illinois)	

## SAN FRANCISCO BECKONS

That magic weekend is fast approaching - Labor Day week-end - yes, we haven't had Summer yet 'tis true, but you know how quickly it rolls by into memory lane! So make those plans NOW to enjoy yourself in this friendly city. We've NEVER heard of anyone who visited San Francisco who didn't come away raving about it! So you may be certain of a warm welcome and a wonderful time. There will be in forthcoming DX NEWSes, more details about the festivities, so keep watching for them, but don't delay making your reservations now for the big weekend, September 3-6.

## NEXT ISSUE IN THREE WEEKS

The deadline for MUSINGS will be Thursday, June 3rd. We recommend Summertime DX and we also recommend Summer Musings. We note a tendency to Muse without giving DXing details. That's the purpose of Musings, lads - to list our DX catches, and give the date-time-frequency, etc. Musings are not for bragging, in other words. Musings is for giving your ~~DX~~ doings ~~day~~ by day so others may benefit!

# MUSINGS



Ernest R. Cooper  
438 East 21st Brooklyn, NY 11226

RICK EVANS - Box 2146 - East Chicago, Indiana - 46312

Greetings. I just got through typing a report to KSDR-1480, so I decided it was time to send a "Mumbling" to "Hefty" hi. First of all, a big welcome to John Hupke, who lives all of 4½ blocks from me! Also, welcome to Tom McCormack and Fred Hendricks. DX is rather slow here with the interest just beginning to come back again after a two month hiatus. 4/12- WWSF-1400 Pa. on TEST 12:10-12:22 (while riding in a car, ~~with~~). 4/26- WGOE-1590 Va. f/c 2am to 2:10 & on; WMIS-1240 Miss. TT 2:37-2:45 (tune in/out); WXCL-1350 Ill. r/c 2:45-2:55am. 5/1- KSDR-1480 S.D. f/c 2:08-2:15am (tune in/out) sounding like a r/c - I asked them. c WIRV-1550 Ky. r/c on an hour early w/mx noted @ 2:17, but unnn here. v/1- WMNC KSAL WJRD WVOX KPCR WAKX WLXC KRCD WSMD WSAR CKEY WOKZ WWSF. v/q- CBW WMIR KOOL KLIF KRGO (for RS reception) KGYN. v/PP- WQXL, a year and 12 days after the f/up was mailed out! Indiana did not go on DST this year, but this region is observing Chicago time even though it's technically illegal (even the P.O. is on fast time, hi). Even though I've yet to get up early, it may well make a difference on SRS. Ernie, what will be your deadline dates this Summer? I was up to Allied Radio in Chicago last Saturday. Boy, has that place gone down hill! They seem to concentrate more on home stereos now than on ham equipment. Word of warning from one who found out - it's in a rough area, too. I have to close now and go shop for a watch. It's rough DXing with an alarm clock, hi. 73s, see you later this year. Oh yes, I had a ball in YADland. I enjoyed meeting all the guys there. Yes, DXers tend to be a rather ugly group, hi. 73. (Not here in the East, Rick! ERC)

TOM McCORMACK - 275 Littleton Street - West Lafayette, Indiana - 47906

Little DX here lately w/the HQ-140X gone, but I plan to do a lot of SRS DX this Summer on the Highway portable. Indiana did not change over to DST this Summer so the ECers will be in on SRS. 807 veries here, 50/50, 8/8, & ?? countries. Recent verifications here include: v/f- WSTP-1490 DX Salisbury, N.C. (CM too), WUST-1120 D.C. (heard w/KMOX off & severe KPNW QRM on SRS), WINE-940 TEST Brookfield, Conn. & WISE-1310 TEST, Asheville, N.C. (my 35th N.C. Verie thus far). v/q- WKBN-570 (pest, took THREE days!) and CJIC-1050 (took seven months, my 36th Ont. verie out of 50 logged). I collect & swap QMs & bumper stickers, so just give me a write and send a few on. KYAK is upping to 50kw. soon so Alaska should be a lot easier for many members next season. All NRers are welcome here and feel free to stop by any time, like on the way out to the Convention in San Francisco this Summer, hi). Tapesponders welcome too. I tape nearly all DX but count taped DX as a log, and not as a "verification". 73s.

TIM KERFOOT - 34 Cross Street - Weston, Ontario

The last DX of the season here was on 4/8, when WEEP-1080 was heard for a few seconds at 6:50pm. This season was disappointing compared to last, with 42 new catches, 32 less than last season. One new country was logged (Venezuela) but no new provinces or states. The leading state was Pennsylvania (as it has been for the past six years each season), with six new ones heard. However, New York still leads in the overall totals with 75 heard; Pa. 67, Ohio 46, Va. 28 and Mich. 22. Of course, Ontario has by far the most heard of the provinces. My most wanted station is still WADD-1560. It is unlikely that much DX will be done here this Summer, except for Specials, although I may try to catch up on some reporting to onverified stations. Will anybody be doing any DXing this Summer, I wonder? 73. (You bet, Tim - lots of NRers do, including me -ERC)

JERRY STARR - WHOT - 401 North Blaine Avenue - Youngstown, Ohio - 44505

Hi again. I hope that all the 40 YAD attendees havd sufficiently recovered from the April 10-11 DX Fanork. You'll be glad to know we are once again able to live in the house, hi. A million thanks to all who came - it was really interesting, meeting many new people, renewing old friendships, phone calls from GPN and Jerry Conrad, finding bodies in the woods, etc. In the YAD Lost & Found department at the end of the party we list the following found: A light green jacket, blue jacket from Black Rock Esso, one sleeping bag cover. Lost: One Sony 60-minute cassette, possibly marked "W" or "work tape"; one patch cord with clips; one spoon and one lighter. Sorry ERC couldn't make it - we had an unending supply of his favorite snake oil. On to DX: I listened for the WWSF 1400 DX promised by Pat Flanagan at YAD on 4/12 but not a peep although it was heard quite well in Indiana, one of my most wanted and closest unheards, oh well. 4/18 brought KEGG-1560 w/ET u/WQXR's OC w/several good IDs. 4/19- WAMB-1190 with another Big Band ET 1 to past 1:30 and WORV-1580 r/c w/organ mx but not the religious type a la WPUJ-1550 which was I&C 2:44-3 announcing reports could not be verified. 4/26 was Miracle Morning in that WSLR-1350 was off. Good log of WSMB 2:15-2:40 w/100% copy of arab MOR; TISRHB-1125.3 using new R. Capital slogan @ 1:15-2 s/off - when did they drop the R. Popular? Tentative WHIH-1400 @ 2:25 w/100% copy of a spot for the HI of Portsmouth, regular local spot, not Dolly. NRC Log says Portsmouth, O. is off at this time. (I believe WHIH is AN R&B -ERC) MM 5/3 was a complete loss. Veries since last Muse: v/1- WKOX-1340 (says they extended RS to lam several months ago) WJHO-1400 WSAR-1480 DX WPGM-1570 just before local WTCL went RS, WSTP-1490 KYMN-1080 WKVI-1520-TEST WJAB-1440 KTOE-1420 WAUG-1050 WPDE-1440 KQRS-1440 WTCL-1570 for initial ET, WAJR-1440 WZAP-690 WINE-940-TEST, KRNK-1460 WIMA-1150 WMBE-1460 WISE-1310-DX KEGG-1560 WGGH-1150 XECO-1380 HCJB-700-DX. v/q- WJOB-DX KTWO-1030 R. Carrousel, Ecuador-655. Notes from veries: WZAP-690 new address: Box 1038. KQRS -1440 says one of their towers is also used by KUXL-1570 by diplexing, WJHO-1400 says in part: "We were very pleased to receive your report since it was the first one in several months due to some station on 1400 remaining on high power at night. According to our information, the interfering station ceased their illegal operation about three nights before your reception." Any ideas who it was, anybody? 73s, see you at Toledo & San Fran.

PAUL KILROY - 2100 Brooks Drive - Suitland, Maryland - 20028

Very little DX to report this time. 3/15- ZBVI-780 V.I. 5:10am w/ID as "the Mighty Zed." 3/29- XEVIP s/off in EE u/OC of WQXR-1560 @ 12:58am. WLOF-950 Fla. had an ET @ 2:40am. WINE-940 Conn. heard w/TEST program @ 2:56am. UNID SS-860 heard w/AN sports program from at least 1-4am (possible XEMO here). (Those were ERs, from HRU -ERC) WISE-DX @ 2:03am o/u UNID f/c 4/28- v/f from WISE-1310 N.C. for DX. I sent in for the new NRC L.A. Log and am looking forward to it. A Space Magnet and/or Altizimith Loopkit ought to be forthcoming in a few months also. I caught the Frazzle-All fight in FF & SS on SW this time but had a hard time transmuting.

BERNIE DUFFY - 350 Richmond Terrace - Staten Island, New York - 10301

5/6 was a memorable DX day for me, as a result of two veries arriving together. They were v/lis from most-desired semi-local, WDLG-1490, Port Jervis, N.Y. and WGBG-1400, Greensboro, N.C. The former says they'll have a repeat TEST Mon. Aug. 2 beginning @ 12:30am, EDT, and that same will be on their FM outlet, 96.7 too. They hope DXers will monitor both media and report. Two other recently received v/lis came from WBRV-900 Booneville, N.Y. for their 5:15am s/on, & WKCY-1300 Harrisonburg, Va. for a 3/29 test. The 70-71 DX Season has been my least productive one. Now that local WNYC-830 is on a more limited sked of operation, 7am-8pm, it behooves us DXers of this NYC area to look for KBOA, Kennett, Mo. as the former signs off at SSS.

NEXT ISSUE IN THREE WEEKS. OUR BROOKLYN MUSINGS DEADLINE WILL BE THURS. JUNE 3rd

6  
CARL JUNKER - 1312 Colwick Drive - Dayton, Ohio - 45420

DX has really picked up in the last couple of weeks. RJR-770 heard on 3/14 @ 2:30 w/WABCOff, also KOB heard @ 3 for #2 from N.M. A little daytime DX on 3/16 w/WCND-940 @ 4pm & WCIT-940 @ 4:15. SSS on 3/18, WMNA-730 & WFIT-730 @ 6:30 with WMSG nulled. MM 3/15, no new DX added because of poor CX. MM 3/22-KSYL-970 w/f/c @ 1:15am. KPUR-1440 @ 1:20am w/f/c. KSOO-1140 @ 2 s/off & back on w/ET. I heard another station on 1140, possible KGEM? (More likely CKXL -ERC) Is there a better bet than KGEM for Idaho? KGMS-1380 @ 3am s/off. This one was really in I&C and really surprised me. My first 1,000w station from Cal., KRCS-940 @ 3:30 for Ariz. #3, WAMS-1380 @ 4:30 w/f/c. CFAM-950 @ 4:45 MoR, KJR-950 @ 4:50 for Wash. #2. KRKO & KORL were also in but both unnn here. WCFR-1480 @ midnight to 12:10 w/f/c for Vt. #1. I am still looking for that first station from Maine. 4/12- SM-1 arrived and it has helped DX greatly. MM 4/19- I heard KIXZ-940 @ 2:45 on special broadcast due to tornadoes hitting Hereford, Texas. So I checked my VJ Log for a station from Hereford and it turned out there was a 250w on 860 which I logged @ 3:10am on foremergency broadcast. Also KSEL-950 @ 3:15 also on for emergency. Thanks to the SM-1 & Jerry Conrad's article on first 30 in EE, I have logged three new countries in three days. R. Montserrat-885 w/good signal & 8pm w/NX & sports. PJA6-925 @ 8pm s/off 4/18, & 4VEF-1035 @ 9pm s/off 4/19. Countries now at 19, states at 45. 73 & best of DX luck.

CESAR OBJIO - Calle V.F.Rojas 46 - Santo Domingo, Dominican Republic  
Hi, everybody. Not much to say right now, after some over-30 lines Musings. Sorry, Ernie. I have just received issue #24, dated 4/3 w/one of them, and about this I wish to express my gratitude to BPC for sending me issues #15 & #16, dated 1/30 & 2/6 which I received some time ago. Thank you, gentlemen - I really appreciate that as I did not want to miss those copies and keep my DX NEWS collection complete. On seeing that Musing I asked Ernie about WCFM I have heard on 3/8 @ 1am EST. It seems that Kocksan in N.J. also heard them IDing this way (see IDXD 4/17 on 810k). Some days ago I had a good talk with a Telecomunicacion-es official who gave me important information for the completion of the latest and most accurate list of Dominican MW stations ever seen, this list is being prepared right now for publication in DX NEWS. To Charles P. Mohr Jr. - I read your Musing in the 4/17 issue about the glossary of SS phrases to describe program details in reports. Yes, I am willing to help you, please send me all the phrases you wish translated to SS & I will mail them as soon as possible. I can even mail the stencil cut. Will Gestetner stencil be OK? You all U.S. DXers interested also, start sending in your EE phrases you wish translated to SS. I will do that with pleasure, all expenses will be mine. If some of you prefer these phrases to be published in DX NEWS I can also do that, just ask. (I'm asking! -ERC) I hope to receive soon my copy of the IA Log. It must be great if done by the NRC. Do you know the way of Duvalier's death was given over R. Haiti? I was listening to the station on 4/22 & @ 6:09am EST they interrupted the program of FF songs in order to give the new cabinet appointed by Jean-Claude Duvalier "president-a-vie", but nothing was said about the death, then cl mx was played after that. A strange way to break the news, eh? Well, see you all later. I may be in Florida in '72.

FATHER JACK PEJZA - 3266 Nutmeg Street - San Diego, California - 92104  
Apparently San Diego's bid to host the IRCA Convention this Summer has been unsuccessful. However, San Francisco over Labor Day looks good. I hope to see many of you there. Count on S n Diego for the IRCA Convention in 1972 and the NRC Convention in 1973! Very little DX done recently; too many other activities. For instance, a 1,500 mile geology field trip to Grand Canyon & southern Utah over Easter vacation. Don't believe it if anyone tells you he DXed from a Greyhound bus. The ignition noise was so bad it frustrated me to the point I didn't even DX when we stopped. I'll be going to San Diego State this Summer, courtesy of you taxpayers. I have a National Science Foundation Summer Institute in Physics. The phone number here is 714-282-0076 in case anyone gets out this way before the Convention.  
THAT MAGIC TIME IS DRAWING NEAR ONCE AGAIN - N.R.C. CONVENTION TIME, SOMETIMES KNOWN IN NON-HEP CIRCLES AS LABOR-DAY WEEKEND. SEPTEMBER 3-4-5-6! SAN FRANCISCO!

WES BOYD - WHOF - 401 North Blaine Avenue - Youngstown, Ohio - 44505  
KWYR-1260 v/1 states r/c is fourth Friday, 5:45-6am, CST w/5kw, but sometimes on 500w PSP. The OC/TT on 1440 4/20 12:20-12:30 was WHHH, while 4/21 OC/TT-600 2:05-2:15 was WSQM. 4/20- I noted WPAR-1450 AN-4r. 4/23- 12:02-12:35 WCOP-1150 in fair, good tape but I understand they don't verify. Two unIDs, one u/WSPD-1370, runs, NBC NX, local NX, WX & s/off & SSB, off 1:08. Other noted u/WSUN-620 4/23 @ 3:01 w/SSB, most likely some W0er, but who? Speaking of the Coast, I noted bits of Oakland EB on 910, last couple of games. It has to be KNEW so there is a chance to pull this one on a Tuesday AM w/WSBA off, or MM w/KGLC off, depending on where you live. I get them both, so lots of luck. Veries in: v/1- WSTP-1490 WFBS-1450 WFUR-1570 WDAN-1490 WISE-1310 WTRA-1480 & KWAK-1240. v/g- WBZ WBT CEM & all those other "rough" ones. (Maybe the postage rate won't go up, but I won't hold my breath. Get 'em while it's cheaper!) Also v/1 from KRNT-1350. 4/26- I couldn't stay up to 4 00 for the WGBG-1400 TEST due to sick kid @ 2:45am. Until then I noted f/c WSWN-900 @ 1:45 & unlisted f/c WBIR-1240 @ 2:00am-2:15. WSLR-1350 off @ 12:50 & on. KRNT-1350 off 1:08, then only WSMB. WROK-1440 off @ 1 & WBCM off 1:07. Remember, ELT means the 4/26 stuff is EDST.

MARC ALAN DeLORENZO - 35 Sylvan Drive - Hyannis, Massachusetts - 02601  
Well gents, Tony Lagattuta has reported that WMID-1340 ~~unnn~~ WICC-600 are audible days from Knotts Island, N.C. This gives these two stations a daytime coverage area ranging from North Carolina to Cape Cod (since they are also audible here). And that ain't all. Other stations which fall into this category are: WLIX-540 WIMV-540 WMCA-570 WPRO-630 WPAC-1580 & several others (including most all Tidewater & DelMarVa stations). Astounding? Maybe. But what I want to know is this: EC Florida members: Is W0BR-1530 N.C. audible down there in the daytime? Cuz if they are, this humble 250w station would have a DAYTIME coverage area ranging from Florida to Mass.! And that IS astounding! Actually, I see no reason (locals permitting) why they shouldn't make it to Daytona, St. Augustine, Palm Beach, or even Miami. I mean they're loud here at 550 miles! Recent DX: MM 4/12- CX very good to S. SS-1125 IDing as R. Capital, 12:03-12:10, I assume Costa Rica but no location heard; YSCF-1155 very clear w/slow SS vocals to 12:28 s/off, complete ID info at s/off. HJAZ-1160 "Enisora Sinu" is here, not 1155 as someone recently mentioned, good @ 12:32 w/several IDs; HJCV-1190 "R. Cordillera" I&C @ 12:46. HC...655 "En Carrousel" good w/lively SS mx 1:36; AFRTS-780 fair w/rr through W0EM's OC 2:11 as YVOD is no longer AN MMs; SS-1030 weak w/ some U.S. rr looping out to SE in XEQR's null 2:28-2:38, an Argentine I would assume, but no IDs noted, quite weak. 4/27- KRGO-1550 Utah ET/OC/c/w 2:33-2:49 s/off, about as loud as KSL! 4/30- WFIR-960 noted w/HT & ID @ 3:01 so this is ERC's HI-er. Thanks for the info on R. Cristal-570, ERC. Sure is loud here w/IS.

DOUG SHARP - 5524 West Willow Highway - Lansing, Michigan - 48917  
I hope GPN enjoyed reading my Musings this year, since I sent them all to him, hi. I guess a brief intro is in order. I joined the NRC in August & have been DXing since 1967. I'm a Jesus freak, student at Michigan State, Chemistry major, and waste my time DXing. Totals to date: 607/17/46/8 stations/countries/states/provinces. Best catches: TGZ-1090 YVOZ-1200 Bordeaux-1205 KFAR-660 KIKX-580. Best verie" CFIK-1230. My log is on computer cards, which is half the fun. Latest DX: 4/17- 700, unID w/religious mx, possibly HCJB @ 12:27am, WSJS-600 12:54am, an unID IA on 580 w/calypso 1:17am, Jamaica? WHYY-1440, 1:43am. A little daytime DX brought WSDS-1480, W0RB-1430, WKYO-1360 & W0SM-1350, 4/17. On 4/18, At 10:33pm, WCSC-1390. 4/19- At 12:26am, WBLJ-1230, Dalton, Ga. came in, & at 1:24 I heard the WDIC-1430 Clinchco Va. test w/TT & frequent IDs. At 1:36, much-wanted WAGN-1,40 came in. I've taken a liking to graveyard DX lately, with seven new graveyard catches in the past two months. 73s. (Welcome to Musings, Doug, & we hope you'll send 'em here to Brooklyn regularly! ERC)

SUMMER SKED FOR MUSINGS: BROOKLYN DEADLINE DATES: JUNE 3 - JULY 1 - JULY 29 - AUGUST 26.  
THIS WILL BRING US TO THE END OF THIS VOLUME AND THE END OF OUR 38th YEAR!

LARRY E. BLACK - 4917 Malibu - Bloomfield Hills, Michigan - 48013

First of all, let me welcome Mark Johnson of Indianapolis to the NRC. I've been in the Club now for a little over a year, and so keeping with the tradition, I'll give a re-intro for the new members. I'm 17 and a Junior at Groves High School. I started DXing in 5/69 from Indianapolis. I moved here last June. My RX is a Hallicrafters SX-100 fed by the fantastic SM-1 and a 150' long, 50' high longwire. I also have a Concord F-400 Cassette recorder. Totals are 7/7 provinces, 39/37 states, with 540 veries. On to the more bordacious DX. 3/22- WOLF-1490 N.Y. in poorly o/u CHYM. WAGL-1560 S.C. throwing in 500db o/s-9, hi. I can certainly see how they covered the entire country. 3/25- WBCO-1540 O. w/WABQ looped, WCRA-1090 Ill. on SSS after local WIID s/off. 3/29- KGES-1020 Cal very weak, #6 from Cal. 3/31- WBBR-1580 S.C. almost unreadable and much-wanted KGYN-1210 Okla. in 50/50 w/WCAU. 4/5- What I expected to be KPRC turned out to be WPEN-950 Pa. WAJR-1440 W.Va. testing @ 2. 4/6- Much-wanted WENK-990 Ind. in strong w/WX "for Muncie, Anderson, New Castle, Hartford City, and all of East Central Indiana." 4/7- CKVM-710 Que. in FF w/WOR looped. WNEW-1130 N.Y. way down u/looped WCAR. I visited NRCer Bob Hutt in Indy over Easter Vacation. I'll let Bob tell of that DX in his Muse, but I do want to mention PJAG-900 Aruba, w/XEW looped. Announcer had very heavy English accent. Back in Motown, 4/16- Wanted WPCP-940 Miss. o/WNJ s/loper, WMAX-1480 Mich. w/WHBC looped. 4/19- I cleaned up on CKAC-730 Que. WKIG-1580 Ga. very strong on f/c @ 3:30. WYNA-1550 N.C. good w/maintenance check. 4/25- KTRM-990 Tex. good on SRG. 4/26- While looking for WAMS r/c I heard KUDL-1380 Kans. testing for maintenance w/mx, WJDY-1470 Md. fair on f/c @ 5. 4/28- KWNT-1580 Ia/ poor w/AE NX for a change from MBS. Veries include v/1, WION CKVM WAJR WBBR WBCO WABJ WUBE. v/c- KGYN WAGL WELI. The two holdouts for needed states are KRKO & KRDS, do they verie? I hope I'm not over 30 lines. C U & 73.

BRUCE WINKELMAN - Route 1 - Ellinwood, Kansas - 67526

Please note the address change from previous Musings. As CX deteriorate and things begin to pile up at the end of the school year, DX has dwindled to zilch. But I thought I'd run off a quick Muse to let everyone know I'm still ar und even though no DX has come in. Since DX has been so non-existent, I'll review the highlights of my DX season. My two biggest thrills came during the Christmas break. First came PJB-800 @ 2:10am on 12/24 for my first country outside of the usual Canada, Mexico & Cuba. Then on 1/4 @ 1:34am RJCE-890 in Bogota, Colombia came through w/WLS off. This was my first SA country. Another development was the acquisition of an SM-1, a mighty big improvement over my very poor box loop. I haven't had a whole lot of time to use it but I plan on using it this Summer, primarily around LSR since I'll be getting up early for work anyway. During the past DX season, my best catch was undoubtedly WQUA-1230 @ 2:12am on 12/21 w/250w at roughly 485 miles. Also during the past season I started a new log of stations heard from Ellinwood. In 20 days of very erratic DXing during school vacations, my totals are 219 stations from 29 states, four provinces and six countries. My best state, Texas, with 26 logged. Does anyone know what power XEJFV-1560 uses? I logged him @ 8pm on 12/21. I've seen a number of loggings in IDXD but never any mention of power. There's nothing in my ancient VJ Log or in the 1970 WRIVH. So much for me now. 73 & good DX.

The new NRC LA Log says 10 kw - GPN  
CLIFF RENO - 75 Parish Road South - New Canaan, Connecticut - 06840

Hi everybody. Just a short Musing to let you know I'm still alive. I had a great time in Hubbard over Easter at Jerry Starr's. I enjoyed meeting many new people, and especially enjoyed meeting, and playing pool all day Sunday, with Roger Winsor. I didn't do any DXing this season except for New Year's Night when WBAM-740 showed up here on an ET. I hope to do mucho dial twisting next season w/a new RX. Until next time, 73 & good DX.

JOHN OLDFIELD - Moraine Lake, Alberta

Hi! CP, 1240k, 1,000/250, Fernie, B.C. now on the air. CFEK, is parallel to CKEK-570, Crowsnest (Pass) Fernie & East Kootenay. CKEK-470 stands for Cranbrook Kimberley & East Kootenay. Should be a cinch from N.Y.C., hi. 73.

RONALD F. SCHATZ - 510 N.E. 158 Street - North Miami Beach, Florida - 33162

Greetings from the fabulous Gold Coast! CMHQ-630 is back on the air & possibly running about 150kw! It's a powerful, hiss-free signal on the car radio at 220 miles, & this is at high noon! Cuban FM & TV have been coming in, too, but that's not kosher to talk about here, hi. To bring you up to date on our local formats: WQAM-560 T40, WIOD-610 MoR, WGBS-710 talk, Progressive rock, etc. (Former NRCer Ron Schiller may be working here), WFUN-790 T40, WINZ-940 T40 w/RKO jingle, WLOD-980 Soft mx, WFAW-990 "La Fabulosa" all SS, WVCG-1070 good mx, WQBA-1140 "La Cubanissima" all SS, WAVS-1190 talk, WFTO-1220 "Radio Latino" all SS, WWOX-1260 c/w, WGMA-1320 c/w, WKAT-1360 talk, WFTL-1400 MoR, WOCN-1450 "Ocean Radio" good mx, WRBD-1470 Soul, WMBM-1490 Soul, WRIZ-1550 SS & Soul, WSRF-1580 T40 w/RKO jingle. NSPers include WFUN WVCG WGMA WKAT WFTL WOCN WMBM & WSRF. The others tend to be off MMs. Research for a good ISCA design continues. One circuit worked so good that I decided to put it in the chassis. After all that trouble all it gave me was quadrature feed! And the chassis was non-conducting at that. To help facilitate research I rewound my RX's antenna coil w/a double primary, so now I have both a balanced & unbalanced input. The final ISCA design, in the form of a "cardioid Accessory" for use w/a standard loop such as the AA, should be ready for demonstration by Convention time. Speaking of conventions, will IOU in the City by the Bay? And if you attending SF-71 you have an important decision to make regarding your health. Since S. Florida prohibits heavy industry we have a smogless environment. Our buildings and streets are clean and bright. Come early September we lack the sudden chill that plagues NE & MW convection sites, only the gentle sun and cool sea breezes, so you avoid the chance of catching a virus, etc. So if you must travel over 2,000 miles to attend a convention, think of your environment and your health. Only the best for NRC - Florida and U in '72!

ALAN MERRIMAN - Box 6 - Fairfax, Virginia - 22039

Well, I guess it's about time for another Musing. Not much DX here, I'm still doing a lot of hamming. I had a great time at Yadland, a tip of the hat to Jerry Starr and company for a good get-together. Now, on to Toledo & San Francisco and possibly Portland for the ERBA Bash over Memorial Day. Here's DX, first, veries. WQRG WINE WISE WCYB WWSF WPJD WNAV & Vinnitsa-1546. New loggings: 3/29- WISE-1310 quite good on DX @ 2:01. WINE-940 also good @ 2:25, mixed with another tester that I think was WINZ. WDEN-1500 noted @ 3:57 with another of their numerous tests. 4/4- Strange spur from WABC noted on 1155A, not heard since. (That's that famous AXR of theirs, Alan! -ERC) WOHN-1440 logged for call change @ 4:15pm. 4/12- WWSF-1400 fair on TEST @ 12:05, just after I got home from Yadland. 4/19- WPJD-1550 good on r/c @ 2:46, first new logging on my favorite frequency in quite a while. Despite numerous announcements during the test that reports would not be confirmed, they sent me a nice v/1. The engineer must have been in great sha'e as he got fouled up on one of his announcements and said that "all reports conceived on this broadcast will not be reformed." Also on 4/19, WORV-1580 with their r/c @ 3:02. On 4/23 playing around during the day I noted WIVE-1430 u/WNAV @ 1pm & managed enough for a report by nulling WNAV. CX have been good here lately, surprisingly quiet for this time of year but not much being heard. Looking for Africans most evenings, I've heard nothing definite yet but a couple of interesting possibilities. I'll keep trying. I am now using a Space Magnet. While it is a good antenna it will not out-perform my old altazimuth air core loop w/PET pre-amp. Nulls are about the same on skywave reception but the air core loop's much better on locals. Also the amplifier on the SM overloads the RX badly on the low end. Ernie, what's this stuff about the P.O. keeping tabs on people who send mail to Cuba? No truth at all to that. (My source of info for that is NRCer Allen Nissen -ERC) I am leaving Sunday for two weeks at the U. of Oklahoma, compliments of the Post Office, so no DX for a while. 73 for now. (Ha, Alan - TAKE MY POSTMAN WITH YOU??? -ERC) (He's going to FIFTH GRADE now - nights!)

WAYNE HEINEN - 126 Linwood - Orchard Park, New York

Not much here due to heavy seasonal workload at base. I do have some new veries: v/q- KSO KPMC-1560 WAVE-970 KGLC-910 WFIR-960. v/1- CHLO-1570

10  
WROK-1440, WANN-1190. v/f- CKPM-1440 WNUS-1390. Totals, 528/443. See ya soon.  
I have about five Cms (WBEH KGLC CKCH WRYT) FREE for an SASE. First come, first  
served! 73s.

MORTON D. ~~MEERMAN~~ - Box 276 - North Palm Springs, California - 92256  
During the early morning hours of 5/4 someone set fire to the  
XR of KOMJ-1010 Palm Springs causing \$30,000 damage. This happened shortly after  
the station had announced it was going on a 24 hour schedule. There is only one  
other DXer in this area & I know he didn't start it, either. (Maybe one was "just  
passing through!" -ERC) George Chamberlin will DJ the "George, the Night Watch-  
man Show." The station is now on the air. Also on the local scene I see no sign  
of:ex-KPAL-1450 Palm Springs coming on the air although foreclosure signs have  
been removed from the store that had been their studios. The tower still doesn't  
have lights on it at night. But I'll keep watching during my weekends here on  
the desert as the bulletins show new calls for this station so it must have been  
purchased. The police are now looking for a popular Los Angeles DJ for question-

ing about the shooting death of his wife. In February an NBC-TV sportscaster did  
the same thing. Regards Mort, I cut out the names of the two parties to be on  
the safe side - OK? -ERC) (Please excuse the double-spaced line above -ERC)

QUENTIN K. BROWN - 59 Kenilworth - Ottawa, Ontario  
Today I had the opportunity to visit CJRC & spent a good long  
time looking over all their DX reports & talking radio with the CE & his assist-  
ant. With respect to DX reports in general, the quality was quite good. The  
best were from Charles Mohr and Kermit Geary. Out of the 50 reports, only two or  
three were unverifiable. One said "programming in French" for details of recep-  
tion. They commented on some of the reports. They got a big kick out of Frank  
Waldron's when he mentioned what a pest CJRC was. ERC's suggestion of a MM SP  
brought a "no way." The CE could barely read Stan Morss' writing. (Never any  
trouble here -ERC) The CE mentioned that reports were of little or no use to him  
but that he enjoyed verifying the more distant ones. CJRC has been heard as far  
as Sweden & Finland. Recently they had a report from Jan Turner in Holland and  
showed me their reply, a tri-lingual verie! The assistant wrote out the FF & EE  
text & the CE who is Dutch wrote out the final part of the letter in Dutch. Of  
all the reports by far the most detailed one was from the late Ralph Johanns.  
They showed me the latest BEM ratings for Ottawa. At peak listening time (7:30-  
7:45am) CFRA-580 had 200,000 listeners. Next came CKOY with 80,000 followed by  
CJRC-1150 with 63,000; then CKPM and finally CKCH-970 with 18,000. Getting back  
to reports, it is OK to send reports to CJRC in either FF or EE or Dutch. An FF  
report will get the quickest reply. Most of the FF reports were on the IRCA FF  
form, surprisingly very few NRC members sent FF reports. CJRC is to go to 50kw  
sometime during the summer and will sell the 10kw XR. I look forward to that as  
their 10kw XR is a very splashy one. (Maybe WABC'll buy it -ERC) They will be  
50kw day & 5kw as usual at night. CE said CFRB-1010 will be buying a new XR to  
replace the 25-year-old RCA one. At CJRC, EE is spoken in the technical depart-  
ment, & FF everywhere else. In general they have a standard text for reply but if  
you ask specific questions they'll definitely answer them. The "other Ottawa FCC"  
is CKCH-970 Hull Que. but they compete for the same market. (CJRC NEVER verified  
that report of mine, Quentin - could you give 'em a reminder, please? -ERC)

WES BOYD - WHOT - 401 North Blaine Avenue - Youngstown, Ohio - 44505  
First, some noted of general interest (??) Possible unlisted  
r/c (I can't find it listed anywhere) KXSR-1480 S.C. w/TT & IDs every 30 seconds,  
noted 5/1, so is first of the Month, or First Friday, 2-2:15 EDT. Quite good  
here through WHBC OC & WRDW RS. WSWW-1590 Wis. is the one w/Milwaukee BB, heard  
5/4 from 10:15-10:45pm smashing WETT (who smashes WAKR). 5/5- I heard WNNR-620  
almost alone from 11:45pm-12:01am; runs Ae NX, then cuts at :58 cue to state &  
local NX, s/off, & SSB. 5/6- WTBY-1590 killing WETT/WAKR; no sign of WSWW; Top  
40, into s/off @ 11:56 & off 11:56:30, no SSB (also no longer AN). Now to what  
DX gets through my "new improved, and even higher" noise level. 5/3- CFCF-600  
almost alone 12:01-12:08, then only WCAO, Cuban, etc. 5/4- I noted WSPA-950 s/

off 12:20, did the same 5/3, not noted there 5/5 or 5/6. WIOG-1480 f/c 1:32-1:50  
w/voice & CW IDs. Veries (you remember what those are?) KWAK-1240 WSMB-1350 KRRV  
-1350 WKAQ-580 & WKRP-1450. ~~WKRP-XX~~ TEST next season; I thknk; they want re-  
ports. Get them now if you can, if not, wait for a possible test. Don't over-  
look DXing after a rainstorm passes your area this Summer. I got WSWW-1590, WNNR  
-620, CFCF-600, & KSDR-1480 that way). Also a chance to log semi-local or un-  
heardis when area stations run longer NXcasts at noon & 6pm. Same holds true for  
SM talk shows. GO METS.

JON WEDERBRAND - 730 Redman Avenue - Haddonfield, New Jersey  
Not too much BCB this month - too much time spent on SW. On the  
night of 5/6 @ 9:45pm I happened across an rr on 1605k. He was playing all rr,  
no announcements, abrupt s/off @ 10:02pm. Signal was obviously distant, as it  
was affected by selective fading. Ideas, anyone? I could just hear it on the  
Nordmende portable, but much better on the SPR-4. CX have been deteriorating  
steadily over the past month. TAs are getting fewer & fewer. France-1554 still  
good, but Rome-845 and Morocco-935 are getting hard to come by more often. Dom-  
estic-wise, I got lucky about three weeks ago. I cranked the selectivity all the  
way down on the NC-183D and was able to ferret out WOAI-1200 despite the tremen-  
dous splash from WCAU-1210, as I'm only about four miles from their XR, and my  
longwire is broadside to their antenna. Who was the SS u/WOAI? KSL-1160 was al-  
most a regular after WJJD left the air, until about two weeks ago. Now only the  
moan of hetrodyes can be heard w/KSL coming to the surface only occasionally.  
More (I hope) next month. (I hope so too, Jon, but please double-space? -ERC)

ERNEST R. COOPER - 438 East 21 Street - Carrier Route 56 - Brooklyn, N.Y. 11226  
Two v/pps in, WOHS-730 and WKDO-1560. I note my unID SS-860 on  
3/29 was HRU, so a tentative off to them, hopefully. From time to time, I've seen  
mention of states or areas of the country from which it is harder to get a verie,  
but did anybody ever break the tough verifiers down by FREQUENCY? I submit two  
where I've had to send a powerful lot of f/ups and PP/cs - 1550 and 1560! MMs  
4/26 & 5/3 I was too tired to DX on MM, so I slept in on them, regretfully. I  
did send about my fifth report to WJRZ-970, local, who's about to become another  
rocker, WWDJ, so as to have a verie from my favorite local and a fond memory as  
well, but they just won't answer for me - too close by, I guess, but you'd think  
they'd want to keep friendly relations with local listeners, no? Right now, WJRZ  
is its greatest - hardly any ness, and when they do give it, it's just one item  
in less than one minute, and after all, "News" these days could be prefaced with  
the word "Bad" 99% of the time, and who needs bad news every half hour? SM 5/9-  
TTer on 1570 first noted @ 1:33; no CKIM heard; IDed @ 1:44 1/2, a W, but that was  
all I could get - anybody find out who he was? Another similar one on 1350, who  
IDed @ 1:55, and another W, and 1,000w was all I got here - HELP, please? MM 5/11  
I bagged one I didn't even know had a CP - WJUM-1550, Harrisburg, Pa., 500w, on  
ET/mx 1:36-1:48 & on, fair signal o/WOKJ. I hope the P.O. can find 'em. CKIM-  
1570 off again today, have they (hopefully) quit ANing? WABC-770's ever-lovin  
AXR has busted loose again, - this time on 1155k, and I note Alan Merriman has  
heard this way down in Virginia. Anybody else hear it? Send them a report on it!  
WPAT-930 was causing a fuss on 965, and ,aking a buzz on 940 & 960. An unk TTer  
on 680 @ 2:20-2:23. And, on 5/11, TTer on 1590 @ 1:16-1:24, also there MM 5/10.  
Umm WOUV-1580 TTer on @ 1:25 & on, and WBSB-1550, umm, ETing @ 1:20. C U N 21.

CINCINNATI REDS BASEBALL NETWORK:	INDIANA	WEST VA.	KENTUCKY
OHIO. 910 WPFB 1390 WFOO-D 990 WITZ-D 560 WJLS 680 WCTT			
990 WJRH-D 1450 WMOH 1230 WTCJ 580 WCHS 840 WHAS			
W 1000 WHTH-D 1490 WBEX 1240 WHBU 930 WGNT 1050 WNES-D			
L 7 1150 WIMA 1270 WORX-D 1230 WTAP 1230 WHIR			
W 0 1230 WIRO 1520 WENO-D 1340 WLBC 1290 WVOW 1230 WANO			
1240 WHIZ 1570 WPTW-D 1380 WKJG 1340 WMON 1240 WFTM			
KEY 1290 WOMP-D TENN. 1440 WPGW-D 1400 WBTH 1240 WPKE			
STA- 1340 WIZE 1430 WENO 1490 WKBV 1340 WEKY			
TION 1350 WCSM-D (WES BOYD) 1520 WSVL 1490 WFKY 1370 WGH-D			
	1540 WADM-D		

by CESAR OBJIO.

Radio Difusora Popular is the name of a station that formerly operated in San Cristóbal, Dominican Republic. First time I heard them was in 1966 on the frequency of 9960 kcs. but announcing it as 4980 kcs. After they identified and mentioned address I visited them and gave them some information as to what DXing was; they were very kind, showed me the small place and the transmitter which was giving them some trouble, that was the reason why they were heard on 9960 kcs. instead of on 4980, the frequency assigned by Telecomunicaciones. Later on, the station was closed down as they could not do any competition to a local medium waves station: Radio San Cristóbal on 1450 kcs. long before in operation.

Some time later I heard that they had moved to another town: Sabana Grande de Boyá, and name became "Radio Boyá". Even though they still announced their frequency as 4980 kcs. when they relayed some sport or news program, as advertised in newspapers, I could not hear them. But the station was always mentioned in special events when relaying on a network. I came to the conclusion that they were probably operating on Medium Waves on a frequency covered by a Santo Domingo station as they were not heard either on medium waves or in short waves. Nobody could give me the information needed, so I decided to investigate by myself, and the date was set on Sunday April 4.

Sabana Grande de Boyá is a town with a population of 7526 inhabitants, not so far away from Santo Domingo, about 35 miles north-north-east on a straight line, but some 55 or 60 miles on the road. Two hours were spent to reach the place through a narrow and partly dirt road on a sugar cane plantation district. As soon as I arrived the frequency was noted to be about 1310 kcs. in a transistor set, with wide splashing to both sides. (At home, on April 8, when Radio Radio 1300 kcs. was off for the Holy Week I could log them at 19.30 G.M.T. and the frequency was measured more exactly as 1311.6 kcs.)

A visit to the station gave me the satisfaction of meeting again the same person I had talked to in San Cristóbal 5 years ago, he was Mr. Juan Aquiles González, owner of the station. The house was really small made of cement blocks. A living room about 5 x 7 feet with two seats and some young lads chatting inside. Hanging on the wall was a framed certification from the Voice of America for their relaying the first moon walk on July 1969. To the right, through a glass, a speaker could be seen announcing and playing records, mostly 45 rpm, all piled up on a small table in the narrow operating room, some 5 x 4 feet, no air-conditioning and terribly hot. Another room in the back a little more spacious where an old transmitter waiting for repairs could be seen. Antenna was quite close to the house in the back some 50 or 60 feet high.

Our talk was mainly about their working conditions, regrettable indeed, as business was not very good, ads were scarce and low-priced in the town, and to make matters worse a lightning bolt struck the antenna burning most of the transmitter, about one

month before. But they were not discouraged and repaired it quickly despite the difficulty of finding replacement parts in the country, only Onda Musical owner gave them some help. When asked about the frequency he insisted that they were operating on 4980 kcs., as this was the frequency assigned by Telecomunicaciones and they had no right to operate on medium waves, but they were not heard on that spot, complaining that Ecos del Torbes in San Cristóbal, Venezuela, always covered them. Optimistic they intend to keep on fighting against hardships and even obtain a medium waves frequency from Telecomunicaciones in the future. In all they operate from 10.30 G.M.T., when they start relaying news from a Santo Domingo station as they have no facilities for newsreels, till 03.00 or 04.00 GMT daily. Transmitter is homemade with an output of not more than 500 watts. There is no telephone service in town and no address is necessary as "Radio Boyá" is enough for a letter reaching the town. Some reports have been received from the United States and Europe, probably faked, as the station has never been heard outside the country on any frequency. He could not show them to me as he had not them at hand.

Receiving condition in the area is good as most of the medium waves stations in the northern area of the country are heard, from Santiago in the north-west, including Jarabacoa, Constanza, La Vega, down to San Pedro de Macoris on the South-east, including Hato Mayor and Santo Domingo. Baní and San Cristóbal on the south-west were not heard, the former probably as it is this same frequency they are using. Nagua on the north and Samaná on the north-east were not heard. Most of Santo Domingo stations were heard quite well, and Radio Santa María is strong as local-like. Reception was only done in the day as my visit was from about noon to 5 p.m. and with the help of my small transistor set. Some changes were noted in the area in some stations, already reported to IDXD, and a new list of Dominican stations is almost ready to be published soon in DX NEWS.

**FROGMEN** bombarded the pop pirate ship **Radio North Sea** in a Commando-style raid, it was revealed last night.

The pirate frogmen crested up on the ship, anchored four miles off the Dutch coast, in a rubber dinghy.

The ship which followed ship attack seemed damaged estimated at about £20,000.

But within hours Radio North Sea was broadcasting again.

The station's joint owner, 22-year-old Edwin Metzger, said last night: "They can't get in off the air. We are

From DENNIS NEWSON  
about Radio North Sea

will going wrong." The raid was carried out on Saturday night in thick fog.

Millions of listeners in Britain and on the Continent followed the drama on their radios.

The frogmen boarded the radio ship, *Moby-Dick*, and placed an anchor of dynamite on a pipeline leading to a 200-gallon oil tank.

Then they lit a fuse made of petrol-soaked rags.

### Smoke

A blast shook the ship as London-born ship jockey Alan Wood was playing a record named "Morning Post".

Wood, 22, said yesterday: "At first, I thought another

ship had hit us in the fog. I ran up on deck and saw clouds of smoke rising from the engine-room shaft.

"I could hear an outboard motor come dithering away. Wood ran to the radio room and saw the international distress call, "Mayday!"

For the next thirty minutes he ran the engine on deck, he used played records and gave his listeners a running commentary.

"We had been hearing the Dutch air approaching the ship," he said.

The five-man crew fought the blaze with hand extinguishers but an hour would rescue vessels arrived.

In Amsterdam last night police said that three men had been arrested in connection with the attack.

Police said the raid was carried out for money, but they could not say who had ordered it.

## MEDIUM WAVES STATIONS IN THE DOMINICAN REPUBLIC

by César Objfo

kcs.call	kW	Name	address	location	operation time GMT	
540 HICM	5	R. A B C,	Anfbal Espinosa 60,	Santo Domingo	0500-0100	
560 HIAA	1	R.Ritmos,	Apartado 581,	Santiago	1130-0300	
570 HIMS	5	R.Cristal,	Apartado 819,	Santo Domingo	1000-0600	
590 HIDV	10	R.Santa María,	Santo Cerro, La Vega		1000-0330	
620 HISD	10	R.Televisión Dominicana,	Calle Dr. Tejada Florentino 8,	Santo Domingo	1100-0500	
630 HIAF	1	R.Monte Cristi,	Apartado 52,	Monte Cristi	1100-0300	
650 HIAT	5	R.Universal,	Hotel Jaragua,	Santo Domingo	1000-0500	
660 HIAM	2	R.Quisqueyana,	30 de Marzo 47,	Santiago	1200-0300	
690 HIAW	5	R.Guarachita,	Palo Hincado 74,	Sto.Domingo	1000-0500	
700 HICD	1	R.Mao,	Calle 27 de Febrero 71,	Mao	1200-0130	
720 HIAQ	3	R.Norte,	Pedro Fco. Bonó 58,	Santiago	1000-0600	
730 HIZ	5	Broadcasting Nacional,	Calle El Conde 79,	Apartamiento 201,	Santo Domingo	1100-0400
750 HIDB	1	R.Libertad,	Apartado 112,	Santiago	1000-0500	
770 HIMD	0.5	R.Tamboril,	Tamboril (Peña),	Santiago	1100-0300	
780 HIBO	1	R.Constanza,	Calle Duarte,	Constanza	1000-0300	
790 HIL	5	La Voz del Trópico,	Apartado 335,	Santo Domingo	1000-0500	
820 HIAZ	5	R.Santiago,	Apartado 282,	Santiago	1100-0500	
830 HIJB	10	R.HIJB,	Apartado 416,	Santo Domingo	1045-0500	
840 HIAB	0.5	R.Isabel de Torres,	John F. Kennedy 115,	Puerto Plata	1100-0300	
860 HILR	10	R.Clarín,	Prol. Ave.México,	Santo Domingo	1000-0600	
870 HIBG	1	R.Radiolandia,	Apartado 187,	Santiago	1030-0500	
880 HIOR	1	R.Santa Cruz,	Duarte 49,	Mao (Valverde)	1030-0300	
890 HIPJ	5	R.Continental,	Apartado 146,	Santo Domingo	1100-0500	
900 HIBN	1	R.Puerto Plata,	Separación 8,	Puerto Plata	1100-0300	
920 HIBA	0.5	R.Reloj de Emisoras Unidas,	Arz.Meriño 26,	Santo Domingo	1200-0300	
930 HICK	2	Ondas del Yaque,	30 de Marzo 15,	Santiago	1030-0400	
950 HIG	1	Radiodifusora HIG,	Apartado 238,	Santo Domingo	1130-0400	
960 HIF	1	La Voz del Atlántico,	Comercio 21,	Puerto Plata	1100-0300	
980 HISA	3	R.Cibao,	Apartado 141,	Santiago	1045-0300	
1010 HIJP	10	R.Comercial,	Apartado 1322,	Santo Domingo	1030-0500	
1030 HIDL	0.5	R.Novedades,	Restauración 21,	La Vega	1200-0300	
1030 HILF	0.5	R.Cayacoa,	Apartado 1222,	Higley	1050-0300	
1040 HION	1	R.Ahora,	Apartado 1042,	Santo Domingo	1100-0500	
1050 HICB	1	La Voz de la Hispaniola,	Apartado 454,	Santiago	1100-0300	
1060 HIRV	1	Radiomar,	Apartado 476,	San Pedro Macorís	1100-0300	
1070 HIBI	1	HIBI Radio,	Apartado 201,	San Francisco de Macorís	1000-0300	
1080 HIMC	0.5	R.Programas Quisqueya,	El Conde 96,	Santo Domingo	1100-0300	
1090 HIJM	0.5	R.Amistad,	Liceo al Medio,	Santiago	1100-0300	
1100 HIHD	1	R.Oriente,	Apartado 554,	San Pedro de Macorís	1100-0400	
1100 HIPS	1	R.Nagua,	Nagua		1100-0300	
1110 HIJJ	0.5	R.Jarabacoa,	Apartado 10,	Jarabacoa	1100-0300	
1120 HICN	1	R.Antillas,	Mercedes 102,	3er. Piso, Santo Domingo	1030-0500	
1130 HIRL	1	R.Exitos,	Calle El Sol 42,	Santiago	1100-0500	
1150 HIAS	1	Onda Musical,	Palo Hincado 48,	Santo Domingo	1000-0430	

1160 HIDE	0.5	R.Tiempo,	Ave. Mauricio Báez 25,	Cotuf	1100-0300
1180 HIBE	10	R.Mil,	Apartado 1372,	Santo Domingo	1100-0500
1210 HICJ	0.5	R.Merengue,	Apartado 57,	San Francisco de Macorís	1130-0300
1220 HIN	10	R. H I N,	Apartado 1220,	Santo Domingo	1100-0500
1240 HIAU	0.5	La Voz de la Libertad,	Apartado 244,	Puerto Plata	1000-0300
1240 HICV	1	R.Barahona,	Apartado 25,	Barahona	1100-0300
1240 HIRM	0.65	R.Sol,	Apartado 1311,	Higley	1030-0400
1250 HIBC	5	La Voz del Progreso,	Apartado 264,	San Francisco de Macorís	1100-0300
1260 HIT	1	R.Visión,	Hnos. Deligne 32,	Santo Domingo	1100-0500
1270 HICA	0.5	R.Ambiente,	Presidente Billini 21,	Banf	1045-0400
1270 HISS	1	R.Televisión Dominicana,	Santiago (relay)		1100-0500
1290 HIVD	0.5	R.Jánico,	Avenida Libertad 2,	Jánico	1100-0300
1290 HIVM	1	R.Bonao,	Calle Duarte esq. Mella,	Bonao	1130-2400
1300 HIKQ	0.5	R.Radio,	El Conde 47 esq. 19 de Marzo,	Santo Domingo	1000-0500
1310 HIAV	0.5	R.Banf,	Calle Duarte 31,	Banf	1200-0300
1310 HIHM	0.5	R.Real,	Calle Juan Rodríguez 2,	La Vega	1200-0300
1310 HIHZ	0.5	R.Boyá,	Calle 21 esq. 9,	Sabana Grande de Boyá	1000-0300
1310 HISD	1	R.Televisión Dominicana,	El Seibo (relay)		1100-0500
1330 HIFA	5	La Voz de las Fuerzas Armadas,	Moça (relay)		1100-0500
1340 HIBZ	1	R.Centro,	Apartado 65,	San Juan	1200-0300
1340 HIMP	0.25	R.Ocoa,	Sánchez esq. 12 de Julio,	San José de Ocoa	1100-0330
1350 HIXZ	0.5	R.Triunfo,	El Conde 79,	Apartamiento 201, Santo Domingo	1300-2400
1360 HIMG	1	R.Rutas,	Ave. 24 de Abril 128,	La Romana	1100-0400
1360 HISD	1	R.Televisión Dominicana,	La Vega (relay)		1100-0500
1370 HISD	1	R.Televisión Dominicana,	Barahona (relay)		1100-0500
1380 HI	5	R.Nacional,	Apartado 11,	Santiago	1100-0500
1400 HIAL	1	Ondas del Valle,	Apartado 102,	La Vega	1200-0300
1400 HISD	1	R.Televisión Dominicana,	San Juan (relay)		1100-0500
1410 HIAE	1	R.Tricolor,	Apartado 1013,	Santo Domingo	1100-0400
1420 HIRD	0.5	R.Unica,	Calle Mella 33,	Castillo	1100-0100
1430 HIVG	1	La Voz del Momento,	Apartado 203,	La Vega	1200-0300
1440 HIAD	1	R.San Juan,	Apartado 88,	San Juan	1200-0300
1440 HIAK	1	R.Ozama,	Apartado 1063,	Santo Domingo	1100-0300
1440 HIFS	1	R.Bahía,	Calle Emilio Conde 5,	Nagua	1100-0330
1450 HIAC	0.5	R.Difusora HIAC,	G. R. Cabral 11,	Salcedo	1200-0100
1450 HIAR	0.5	R.San Cristóbal,	B. Aliés,	San Cristóbal	1200-0300
1450 HIHG	1	R.Beler,	Barrio Mej. Social 9,	Dajabón	1100-0200
1460 HIAN	0.5	R.Maguá,	Apartado 304,	Hato Mayor	1000-0300
1470 HIAG	0.5	R.Azul,	San Luis 25,	Santiago	1100-0400
1480 HIAH	0.5	R.Sensacional,	Hostos 38,	Santo Domingo	0930-0600
1490 HIAP	0.25	R.Gabino,	Calle Caonabo 81,	Moca	1200-0300
1490 HIKF	0.25	R.Azua,	Fco. del Rosario Sánchez 6,	Azua	1200-0300
1500 HIJK	0.5	R.Zamba,	Restauración 50,	Santiago Rodríguez	1045-0300
1510 HIBL	10	R.Pueblo,	Apartado 1099,	Santo Domingo	1000-0500
1540 HIFB	1	R.El Mundo,	Apartado 467,	Santo Domingo	1100-0500
1560 HIJC	5	R.Maibá,	Apartado 42,	Santiago	1200-0600
1570 HIAJ	1	R.Unión,	Apartado 197,	Santo Domingo	1100-0500
1580 HIFU	0.5	R.Neiba,	Ave. 27 de Febrero 18,	Neiba	1100-0300
1580 HIWJ	0.5	R.Samaná,	Apartado 124,	Samaná	1100-0300
1590 HIBA	1	R.Hit Musical,	30 de Marzo 35,	Santiago	1100-0400
1600 HIBS	1	R.San Pedro,	Apartado 504,	San Pedro de Macorís	1100-0400
1600 HIFA	5	La Voz de las Fuerzas Armadas,	Apartado 1350,	Santo Domingo	1100-0500



# Big Changes Ahead For WSZO

By the end of March construction of the new Marshall District Radio Station WSZO will be complete. According to WSZO Station Advisor Paul Savercool, WSZO will be broadcasting on 10,000 watts from the new facility by June of this year, initiating a new and exciting radio communication link in the mid-Pacific.

"10,000 watts will mean that we will cover an area from Hawaii to Saipan or even as far as Australia or mainland U.S.A. when ionospheric conditions are right," said Savercool.

Savercool explained that reaching a larger geographic audience does not mean that WSZO will re-direct its broadcast objective.

"It is the feeling of TT broadcasting that individual district stations are accountable primarily to their own district even though broadcasts will be shipping over to other areas.

Savercool also said that WSZO will soon be broadcasting 100% locally originated programs and that all AFRTS

programming will be dropped. "We will have more local involvement in the radio station which means intensive coverage in the District Center and the outer islands," he said.

Savercool added that at present WSZO is conducting an intensive training program with the staff of WSZO and that many changes will be all ready to go into effect when the switch from 1,000 to 10,000 watts is made.

"We have little doubt about being able to accomplish this," said Savercool, "Because we have the best staff in the Trust Territory of any radio station including Larry Edwards our manager who is the most qualified broadcaster in the T.T."

Comprising this wonderful staff which Savercool has mentioned are: Sam Jordan, Lee Silk, Aimee Hidai, Harry Rusin, Emil Luke, Mike Jonathan, Elly Kajeon, Andrew Bilimon, Chuck Singletary and Dave Walker. A hard working and talented crew if there ever was one.

from

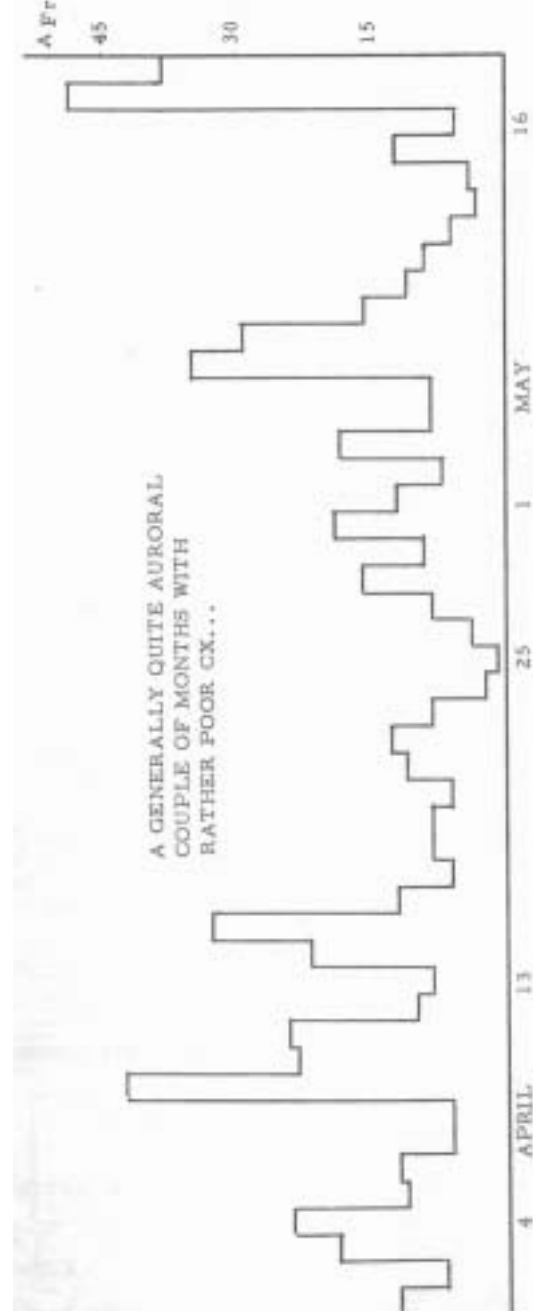
Steven E. d'Adolf

Woburn, Mass. 01801

1440 kHz



This graph shows the daily values of  $A_{pF}$ , the Fredericksburg index of geomagnetic/aurooral disturbance in the Earth's magnetic field. High values of  $A_{pF}$  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  $A_{pF}$  above about 20 are invariably 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/aurooral 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/aurooral activity.



Looks like about 200 microvolts/meter, Ernie; that's quite weak!

KLUC RECEPTION REPORTS Frequency Test, March 15, 1971

- |                     |  |             |
|---------------------|--|-------------|
| <b>CALIFORNIA</b>   | 1. Mr. Jim Adams...San Jose                    | Fair        |
|                     | 2. Father John P. Pejza, San Diego             | Excellent   |
|                     | 3. Mike Hardester, Modesto                     | Excellent   |
|                     | 4. Robert Karchevski, Daly City (San Fran)     | Excellent   |
|                     | 5. Steve Kamp, San Jose                        | Excellent   |
|                     | 6. Gary W. Elston, Santa Clara                 | Good        |
|                     | 7. Steve Oster, Los Gatos (San Jose)           | Excellent   |
|                     | 8. Russell D. Francis, South Gate              | Good        |
|                     | 9. Raleigh Biss, Palm Springs                  | Excellent   |
|                     | 10. John Richards, Mt. View                    | Good        |
| <b>CANADA</b>       | 11. Eric R. Tibbatts, Balmertown, Ontario      | Poor        |
|                     | 12. John H. Oldfield, Edmonton, Alberta        | Poor        |
|                     | 13. Melville C. Coffin, Mission City, B. C.    | Good        |
|                     | 14. Paul Wingert, Regina, Saskatchewan         | Good        |
|                     | 15. Joseph W. Plonka, Chaplin, Saskatchewan    | Good (Tape) |
| <b>WASHINGTON</b>   | 16. Chuck Albertson, Bellevue                  | Good (Tape) |
| <b>MONTANA</b>      | 17. Roger S. Horie, Missoula                   | Poor        |
| <b>UTAH</b>         | 18. Dennis Pimper, Brigham City                | Good        |
| <b>TEXAS</b>        | 19. Chuck Wall, Dallas (15-trans., no ext ant) | Good        |
| <b>MISSOURI</b>     | 20. Terry W. Jarvis, Kirksville                | Fair        |
| <b>ILLINOIS</b>     | 21. Andy Kwiatkowski, Chicago                  | Fair        |
|                     | 22. Robert Kramer, Chicago                     | Fair        |
| <b>WISCONSIN</b>    | 23. Neil Barlett, Verona                       | Fair        |
|                     | 24. Gary Nuthals, Green Bay                    | Fair        |
| <b>MINNESOTA</b>    | 25. George B. Sherman, Rosemount               | Good        |
| <b>PENNSYLVANIA</b> | 26. John H. Shannon, Kittanning                | Poor        |
| <b>N. CAROLINA</b>  | 27. John H. Sampson, Winston-Salem             | Poor        |

Special Note: Dave Schneider, Kingston, New York...Picked-up test 2/8/71 from 12:30 to 12:45AM, P.S.T. -0- Good 110 miles North of New York City.

Thanks to all DXers who made this test successful. Once again thanks to the NRC & IRCA.

For Keith S.Griffith of KLUC

*Fred Tankersley*

Fred Tankersley



## WHAT IS A PRE-SUNRISE AUTHORIZATION?

\*\*\*By Russ Edmunds

No doubt many DX'ers are still somewhat confused with regard to the whys and wherefores of the PSA, especially with the advent of the new Mexican-American Broadcast Treaty, which allows designated Mexican stations to exercise Post Sunset Authority, as opposed to our own Pre-Sunset Service Authority. According to the FCC Rules Section 73.99, the purpose of the entire thing is "In order to afford the maximum uniformity in early morning operations compatible with interference considerations, the following.... are eligible to request Pre-Sunset Service Authority." In common English, this means that the idea of the PSA is to equalize the competition during the early morning hours, as well as to provide the maximum possible broadcast service to the general listening public.

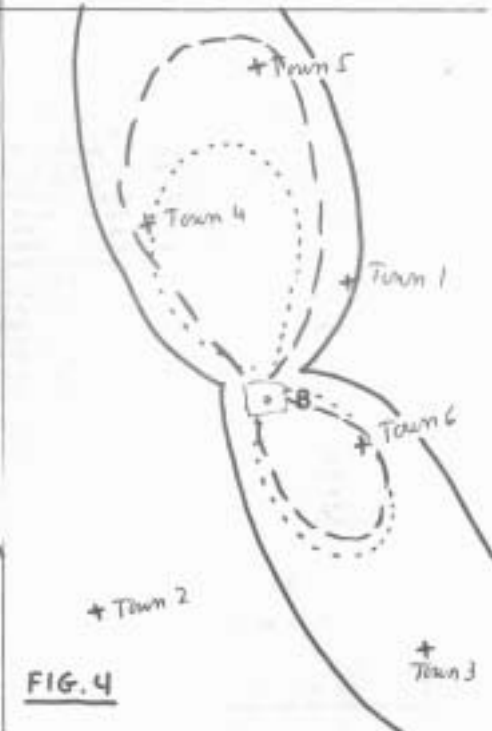
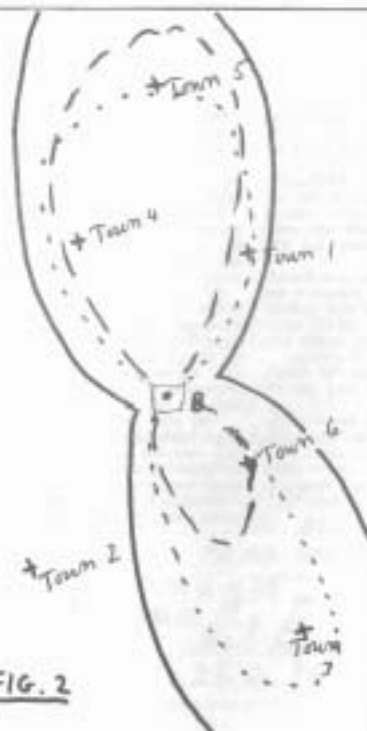
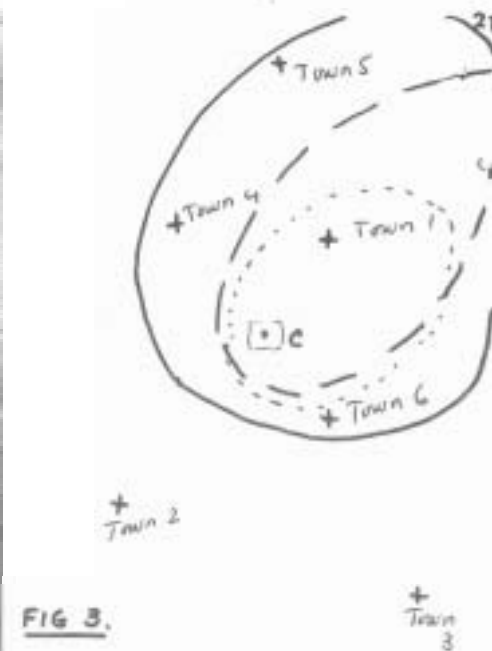
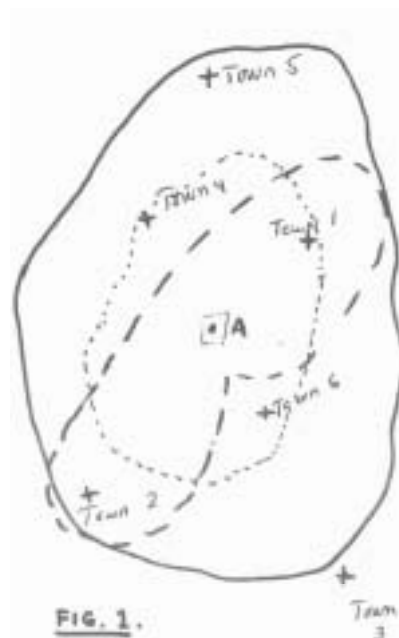
The section goes on to say that only certain stations are eligible for PSA, namely Class III stations and some Class II stations. Both classes are subject to restrictions because of interference to adjacent and co-channel stations both in the U.S. and in Canada and Mexico as well. This is the reason why we have a large number of stations operating with PSA powers of odd denominations other than 250 or 500 watts, the latter being the legal maximum for PSA powers following a court case which eliminated higher powers. The actual power used if other than 250 or 500 watts, is computed using a basic formula which is specified elsewhere in the Rules for use in computing powers for Critical Hours and the like, and need not be gone into here, as it would only confuse the issue with needless technical data.

For Class II stations, which are those secondary stations operating on clear channels (sections 73.21 & 73.25), the eligible stations are those which do not have a U.S. Class I-A station located west of the station in question, or which operate on channels where there are no such stations from other North American countries on the channel. For Class III stations, the only restrictions are for interference as noted above. In both cases, the PSA allows the station to operate from 6:00 AM local time until local sunrise with their daytime antenna pattern, with the exception of those class II stations which have a class I on the same channel located east of them, in which case, they may commence operations at local sunrise of the class I station rather than 6:00 AM. If there are more than one class I stations east of the station in question, the sunrise at the westernmost such station would apply.

The obvious question then becomes one of how this type of operation would be desirable for fulltime stations, especially those which have powers for nighttime operations in excess of the 500 watt PSA maximum. In order to show this most clearly, we shall take a few examples, and illustrate by means of some fictitious stations and their coverages.

Let us assume that Station A operates as a Class III with 5000 watts daytime and 1000 watts nighttime, U2, or non-directional day; and that Station B is also a class III, operating with 5000 watts fulltime, U4 - two separate directional patterns, and that both are assigned PSA's of 500 watts, which means that they can operate before local sunrise with 500 watts on their day patterns. As we will see in Figure 1, Station A's coverage with their day power and pattern is denoted by the solid line. The dashed line indicates night pattern and power coverage, while the dotted line indicates coverage with PSA power on day pattern. The same symbology will hold for Figure 2, which deals with Station B. In both cases, we will see that it is to the advantage of these two stations to utilize PSA, while Station C, with the same facilities in terms of power and patterns as Station B, finds it non-advantageous (Figure 3) to use a PSA. Figure 4 will show the effects of a need to compensate for interference by reducing the PSA power of Station A would affect the effectiveness of the PSA operation.

Thus, we see that there is good reason for many stations with more severely directional nighttime arrays to take advantage of the PSA to increase their effective coverage during the early morning hours.



Of course, it is immediately evident that for a daytime-only station, any sort of PSA power is desirable in that the PSA operation constitutes an increase in the number of hours during which a station may broadcast. Likewise, it should be remembered that although a station has applied for and even been granted PSA operation, it is not necessary for the station to use it. This makes it possible for a station to apply for a PSA and obtain it for future use, or for seasonal or occasional use. This brings to light another interesting point, which is that in certain parts of the country during certain times of the year, the local sunrise may occur either at 6:00 A.M. or before, thereby precluding pre-sunrise operations for that month. This too, may account for why some stations are noted with PSA sometimes, and without it at other times.

Hopefully, this article will help to clear up some of the confusion surrounding the entire pre-sunrise broadcasting situation. Please address any comments or questions to the author via DDXD.

- 30 -

## AFRT's New Station

### On the Air

By S. SGT. ANDRE TURGEON  
SAS Okinawa Bureau Chief

NABA, Okinawa — American Forces Radio and Television (AFRT) Okinawa's new AM radio station began broadcasting on schedule at 6 a.m. Saturday despite protests from the Ryukyus Broadcasting Corporation (RBC) charging AFRT with violating Department of Defense (DOD) regulations governing radio operations.

The protest, in the form of a letter, was delivered to the High Commissioner James B. Lampert Friday morning, the day after RBC learned the new station was going on the air Saturday.

This is the first time that such a protest has been made by RBC, which operates the English language station KSBK, as well as a Japanese language radio and TV station.

According to spokesmen for

RBC, the protest requested that operation of the new AM station be postponed pending a review of the situation.

The new AFRT information station at 1420 kHz on the dial will program 24 hours a day of news, live sports coverage, news features, commentary and discussion programs.

Bob Wales, chief broadcaster for KSBK, said the protest is not being lodged at the new station, but at the whole AFRT operation, in particular Radio 650, the other AFRT's AM station.

AFRT also has an FM station at 89.1 MHz on the dial and TV channel 8.

"The addition of the information news station, plus expansion of AFRT FM's operations combined with AFRT's other radio and TV outlets form a mini-conglomerate in broadcasting," says Wales.

He also said that KSBK programmed contemporary music 24 hours daily while the Pentagon limits AFRT to providing entertainment otherwise unavailable.

Wales asserted that "AFRT is exceeding its authorized activities at the expense of Okinawa's only English language commercial station."

He added that "Military regulations prohibit AFRT from operations that would constitute competition with, or otherwise be detrimental to private interests, or owners of services or properties of a commercial nature.

"Our sole source of income is from advertising revenue and any reduction in the size of our audience directly affects our profit and loss statement."

Wales, speaking for RBC, contends that with the new informa-

tion station AFRT 650 will now be used to program more music such as played on KSBK and take listeners away from them.

"There is a limit to how much military broadcasting competition we can tolerate," he said.

Wales admitted in an interview Friday afternoon that the protest action was prompted by what he called a "black economic situation in the Ryukyus and bleak economic future after reversion" and that with this "competition" from AFRT the future of KSBK is threatened.

Wales would not comment on the current economic situation at RBC or how much money was made in advertising or how much of a loss in advertising RBC expected to take if the "competition" continued.

Capt. Robert Lennox, officer in charge of AFRT Okinawa, said in an interview Friday morning that AFRT was "fulfilling the mission of AFRTs by providing information and entertainment to military personnel here on Okinawa."

"The new AM station will certainly provide the best in news and information while our other outlets will continue to provide entertainment for all age groups," he said.

Douglas Greene, program director for KSBK, said that a recent telephone survey showed the majority of the listening audience for KSBK ranged in ages from below 15 to 39 years old.

He also said that 99 per cent of the programing is based on the top 100 survey of songs, which he classified as being contemporary music.

Lennox explained that the new station was approved through the proper channels and that it cost about \$1,500 to get it operational. No additional manpower is needed to run the station.

"We already had the source with our AFRT's Washington line, which is available to all AFRT station worldwide. We had been using it for on-the-hour newscasts and half an hour at noon on Radio 650—and FM."

Lt. Col. Charles Raysich, director of Information for the 31st Air Div., which has operational control over AFRT, said that the programming on Radio 650 would not change and that AFRT is not in direct competition with KSBK.

"A recent survey taken by AFRT showed what the listeners wanted and Radio 650 was programmed with everyone in mind from Country and Western fans to Soul. That format will remain."

"This in no way competes with KSBK, which has a format aimed primarily at the younger generation. The AFRT format has a little for each generation," said Raysich.

He added that "AFRT is providing information and entertainment that is simply not available anywhere else and that is within the specific regulations that control AFRT."

Greene said that RBC would demand that all contemporary programs such as are broadcast by KSBK taken off the air by AFRT, stopping any direct competition for listener audience.

Greene also said that if the station went on the air without postponement RBC would file an official protest to Washington.

### The Canadian Broadcasting Corporation

is pleased to verify your reception on FEBRUARY 23, 1970 of its transmissions from Station CBA, MONCTON, N.B. Frequency 1070 Kcs Power 50,000 WATTS This station is on the CBC RADIO Network Per Bob Beaulieu Date 27. 2. 70

MR. RICHARD E. WOOD  
UNIVERSITY OF HAWAII  
1890 EAST-WEST ROAD  
MOORE HALL 47D  
HONOLULU, HAWAII  
96822

CONT.....

# DOMESTIC X IGEST



## EDITOR:

R.J. EDMONDS  
BOX 846  
WAYNE, N.J. 07470

(201) 335-8307

Greetings once again: Not a whole lot this time, due to some really rotten summer wx. We're back at work, and the usual typer this time, at least for the "A" section, tho' it'll probably be the last time for it. For this column, two differences -- All change items which go updatr will be found there, since it's in this issue; and all item hrd prior to 4/25 time change will be noted w/ and "S" after the time hrd, and all hrd after 4/25 to will run w/ a "D".

### midnight in surprise

- 550 unID "Radio 550" & top h0 mx, believe to be CPNH as temps of 25° while CPNH had h0° an hr. earlier, also time checks an hour ahead. (Wes Boyd, Youngstown, Ohio) \*\* Think so - RJE (01100 5/4)
- \* 570 unID Fair w/KSD 00335 h/1h w/ SID, rr (Blake Lawrence, Canon Oy, CO) BHC's h/12 unID also hrd here s9 +30, so not WBMS. Guitar was Buddy Merrill, mista been a super-power LA, as not WFAA. (Paul K. Hart, Ft. Worth, Tx)
- 600 WBSJ-MD Unn. but w/ super sig 2350-0000s/off 5/3, well atop (Boyd) CPNH-QG 0/WGAD-WMT after WBSJ s/off w/ mx,wx, local spot 0000-100 5/3(\*)
- \* 640 KFI -CA S/on 0538D h/26 after being off since abt. 0500 (BL)
- \* 710 WDR -NY Evidently having an SP 0410+8h/19 w/ powerful OC. Is this regular ?? (Jerry Starr, Youngstown, Ohio) \*\* I believe they've been off 3rd W about h nos. now -RJE
- WBSJ-FL OC/ET w/ID 0415 h/19 (S) ID every 10 mins. (Starr)
- \* 790 WPTC-PA Local noted ET/w/ Crosby, Stills & Nash LP 0130-0150+ (S) h/17. Again w/TT 0115 h/19, still on 0430 (S) h/19 (Starr)
- 850 GJJC-SC Fair w/ o/cw 0458h/12 (BL)
- 890 WLS -IL Testing much of AM h/26, not on RS. Unusual (BL)
- 900 unID Fair 0528B 5/3 w/ sx (US, Canada) and EDT TO's, CHDL?? (BL) \*\* Almost surely, unless SKTS has recently changed S/on..-RJE
- KFLD-TX ET h/2h and 0330S (Hart)
- 940 KLOA-IA ET/TT 0500D h/26 very strong (Hart)
- WYLD-LA MM s/on 0558D hrd h/26 (Hart)
- KLIZ-TX ET/TT noted 0430D h/26. MM s/on is 0600 (Hart) Hrd w/ wx 0355S h/19, on for severe wx. (BL)
- 950 KSEL-TX AM h/19 for severe wx, playing easy-listening mx instead of usual rr (BL)
- \* WSPA-SC Noted S/off 0020 D 5/4, also other evns, new time? (Boyd)
- +1020 KSWB-NM Is not AM at all. S/off is 0200 ELT, has SS pgs th s/off. (BL)
- +1070 KNX -CA S/off 0330D 5/3, amnd off to 0630 (Hart)
- 1190 KLIP-TX Noted off 0330D h/30, JDS hrd weakly (Hart)
- WMBG-TN Another ET/mx 0100-0150+S h/19 (Starr)
- 1240 WJLJ-MD S/off annot. atop channel 043D h/26 (RJE)
- +1260 KVSF-NM IS NOT HSP, but has very irregular s/off times (BL)
- X 1270 KOOB-CA Good w/ ads, rr 0219S h/10(BL)
- 1260 WEXY-OH Good 0135-508w/ rr thru WYEM OC, no ID's or talk. This h/26, (Jack Widner, Indy, IN.)
- 1330 KFH -KS ET during most of normal SP h/25 (Hart)
- 1340 KQIL-OO Good w/ID 0159S h/17 (BL)
- KLEK-TX Fair-good w/rr 0226S h/10. Hrd # 700 (BL)
- 1350 WBSJ-LA W/ MoR 0215-35Bfor new log h/26 (Starr)
- \* WJLR-OH Off h/26 AM11 (Starr)
- WICL-IL S/off fair 0101D h/26. (Widner)

- WBSJ-LA (again, srl -RJE) Caught ID w/ atop 0300D h/26 (Widner)
- 1370 WJLR-OH Vy good w/ no QRM on ET-off mx 0433D 5/3 (BL)
- + 1380 KUDL-KS Call to sta. ses sch is 2h hrs, MM SP 0400-0440 stuff I hrd h/ was "program test". (Hart) Believe was this one w/ Top 40 & album cuts & oldies 0445-0300. ID's 0200-0230-0300, but not really readable. (Boyd) (5/3)
- 1400 WMBG-TD No sign of TEST either 0200 EST or EDT. (Starr) Well, ... Hrd mostly atop channel 0203-0206+ D h/26, taped, called, repta, veried. (RJE)
- WYSL-NY Atop w/rr, ID 0113D h/26. (RJE)
- 1430 WFOR-OH W/ Cleve. BB 0118-0205 atop WLAK,WIRE,WYAM (Boyd)
- 1450 KXIL-MT Good @ s/off 0200S/2h (BL)
- 1480 KWIZ-CA Exc. w/ ID on ET-OC 0517S h/19(BL) (Starr)
- 1490 WSSB-NC May over all 0150-0210+ D h/26 on bew., but on loop only WFLB
- 1500 WDEM-GA In w/ ID in ET-OC-ET-mx, 0159D h/26 (RJE)
- 1520 KOMA-OK ET'ing w/ old rr 0400S and more h/12 (BL)
- 1550 WPKY-NC ET-IT w/ ID 0009D h/26 u/CBE. (RJE)
- WBSJ-SC ET-mx h/2h, ID's noted 0258 & 0307S (Hart)
- \* WFDJ-TV R/c h/19 amnd no reportd answered on r/c's... (Starr) \*\* Well white 'em.... -RJE
- WYHA-NC Noted w/ ET w/ o/cw 0400S h/19, powerful TT noted 0405+ (Starr)
- 1560 KESJ-TX Hrd w/ ET-IT 0145-0200+ (S) h/18 u/WJHR OC. ID'ed as ET. \*\*\* No doubt checking out their new NDA array -RJE
- 1590 WDOE-VA Had ET following r/c which was an hour late. ID h/26 0200 D, into mx for ET. (RJE)
- WBNW-MI Is the one w/ Brewers' BB here, hrd 2220-2240, way atop. Nebbe they fergot the change to DA. (Boyd) 5/4 - D.

### sunset & evening

- 1230 KKEO-CO Fair u/KDZA w/ AI mx, rr 2202 5/3 (D). (BL)
- 1240 KRAI-MY Vy d w/ II, MoR 2059 h/29 (S). (BL)
- 1320 KKEO-NM Vy d w/ s/off annot 2144 5/6, follo SS pgs. (BL)
- 930 unID Hrd what seemed to be an OC on 93 245 5/4-01005/5, D and more. Coulda been somebody fergot to tu it off at SS. Loop ses either WJHR or WHON. (Boyd)

### Call Applications

- 1440-WARR-FL req. WBJW
- 1500-NEWS-KY req. WIXO ( is this one on???)
- 1570-CP- Gallon, Oh. req. WJLJ
- 1600-WHDQ-SC req. WKDY
- 1590-KCHD-TX req. KEND

### W/E's

DELETE: 2nd FM: 0230-0245 WSEL-1440-Me (per stn. - FIM) Evans

ADD: 1st of Month or 1st Sa AM: 0200-0215 KKEO-1480 BL w/TT (Boyd, Lawrence,

1st Wk: WTLB-1310; WFLB-1380; 1st Tu: WIOE-1480;

1st Sa: WJRV-1550; 4th Wk: KFTL-970; WBRB-1240; WJOL-1350 (0245-0300)

new: WMB-1240 4th Wk 0230-0245 (Evans)

and a couple of maybe-checks: (hrd by Widner) 4th Wk hrd, time listed in list follows:

Hrd 0200-0215, WPTC-1290, SC ( 4th Wk 0100-15 )

\* 0330-0345, WPTH-1400, WV (2nd FM 0315-30)

NOTE: WJRE-970 is now AM HSP w/ rr. Currently (5/12) running all-goldies since 5/10, will continue for a bit h/ going Top-40. ECH. info per stn. Call change to WWDJ will be soon.

73, RJE RJE

N.R.C. LOG UPDATER  
5/1/71

540 WRIC-VA NET: Ae  
550 WCBI-MS NET: Ae  
560 KVOK-AK new call - Kodiak  
570 KGRT-NM NET: Ae  
620 WVNJ-NJ NET: Ae  
WTMJ-WI SCH: 24 hrs., SP MM  
0202-0600  
670 WMAQ-IL SCH: MM SP 0200-0600  
680 KFEQ-MO NET: C  
710 WZOO-NC ex-WQSA (CP)  
CP -VA Blacksburg, 24060;  
5000 D3  
700 KBYR-AK CP: 500 U1 (PO:1270)  
750 KFOQ-AK CP is on.  
790 CP -NF delete (Corner Bk.)  
800 KQAD-MN CP is on.  
810 CP -NB delete (Caraquet)  
850 KOA -CO SCH: SP MM 0205-0500  
WCUG-GA new call-Cuthbert  
870 KIEV-CA CP: 5000 D1  
880 WCBS-NY delete PSA  
900 WJWL-DE RECORRECT PSA: 274  
910 KPOF-CO SCH: 0800-0200  
930 WKXY-FL NET: Ae  
950 KIBH-AK DELETE  
970 KIAK-AK Fairbanks, (CP) new  
call  
980 CP -NF delete -(St. Johns)  
1010 WKQT-LA clar. freq.  
WPMH-VA CP is on.  
1030 WHN- NY SCH: SP 1st MM 0005-  
0500  
1060 WPLK-GA delete CP  
1070 KNX -CA SCH: SP 1st MM 0400-  
0700  
1080 WEEP-PA p56  
1090 CP -TN Humboldt - delete  
1140 WRVA-VA SCH: SP MM 0008-0455  
1150 WYFE-IL CP: 1000 D3  
x1110 WBT -NC SCH: MM SP 0005-?  
1190 WAMB-TN is on RS  
x1080 KRLD-TX NET: CA1  
x 900 CFBR-ON SCH: delete AN; s/off  
0000 daily.  
1230 WTBC-AL NET: Ae  
WBOV-IN SCH: 24 hrs, NSP  
WJOB-IN SCH: 24 hrs, SP MM  
0100-0600  
WSAL-IN SCH: 0530(0600 Sa;  
0755Su) - 0000  
WESX-MA SCH: 0600(0723)-2200  
(1815)  
WNEB-MA SCH: 0500(0600)-0000  
KGRO-TX CP: 1000/250 U1  
WLOG-WV SCH: 0530(0700)-0000  
WTAP-WV SCH: 0500(0700)-0000

1240 WOCB-MA SCH: 0600(0700)-0000  
WHUM-PA NET: N  
WSEW-PA CP is not yet on : 1000/  
250 U1, Now 250 U1  
WWWC-NC CP is on.  
WKDA-TN NET: Ae  
WEDG-TN CP is on.  
WEKR-TN SCH: 0555(0755)-2305  
(2300)  
WENK-TN SCH: 0600(0700)-0100  
(2300)  
WBIR-TN SCH: 0500(0600)-0100  
WBEJ-TN SCH: 0500(0700)-0000  
WTIP-WV ADD: 45 Dickinson St.;  
SCH: 0600-0200(0100)  
WKOY-WV SCH: 0530(0700)-0000  
CP is on.  
1260 KTSL-TX NET: A1  
1300 WTNJ-NJ ex-WAAT  
KPTL-NV ex-KRWL  
1310 WRR -TX SCH: 24 hrs.  
1330 WHAZ-NY ANT: delete SH  
1340 KPST-ID CP: 1000/250 U1  
ADD: 820 E. 29th St.  
WLBC-IN SCH: 0600(0700)-0000  
(0100 Sun)  
KRMD-LA SCH: 0700-0100  
WGAW-MA SCH: 0600(0720)-0000  
(2200); ADD: Green St.  
WDME-ME CP is on.  
WUSJ-NY CP: 1000/250 U1  
WKRK-TN SCH: 0600(0700)-0100  
KSET-TX CP: 1000/250 U1  
KTEC-TX CP: 1000/250 U1  
WMON-WV SCH: 0557(0657)-0000  
WHAR-WV SCH: 0530-0100; Zip:  
26301  
1350 WHWH-NJ NET: Ae  
WYLS-AL CP is on.  
CFOM-QU delete CP  
1360 KMRN-MO CP is on.  
1370 CP -BC delete - Burnaby  
1380 KAGE-MN RECORRECT: p444  
WIZO-TN CP is on.  
CKPC-ON SCH: 0530-0110  
CP -NB Oromocto, delete  
1400 KTUC-AZ CP: 1000/250 U1  
WFTL-FL CP is on.  
WROZ-IN Zip: 47701  
WHMP-MA SCH: 0530(0700)-0015  
KEJM-SD SCH: 0600(0730)-2000  
(1800)  
WHAL-TN SCH: 0430(0800)-2300  
WKPT-TN SCH: 0500(0700)-0005  
KODI-WY NET: A1  
KRSC-WA ANT: U1

1410 WOTT-NY CP: 5000/1000 U3  
1420 WBRD-FL NET: A1  
WCEB-PA NET: C  
1430 KEGL-CA SCH: 0900-0300  
1440 WOHN-VA ex-WHRN  
1450 WILM-DE SCH: 0600(0700)-0000  
WOCN-FL CP is on.  
WLYV-IN ANT: U5; SCH: 24 hrs,  
SP Tues., 0100-0500  
WASK-IN SCH: 0530(0700)-0000  
WNPS-LA SCH: 24 hrs, NSP  
KGMV-MT CP is on.  
KOBV-NV CP is on.  
1490 KICO-CA CP: 1000/250 U1  
KCUZ-AZ CP: 1000/250 U1  
WTRL-FL CP is on.  
WMBM-FL CP is on.  
WSYL-GA CP is on.  
WKBV-IN SCH: 24 hrs, SP MM  
0000-0400  
WHRD-MA ADD: 33 Congress St.  
WDEB-TN SCH: 24 hrs.  
KHUZ-TX CP: 1000/250 U1  
KVOZ-TX CP: 1000/250 U1  
WATB-VA SCH: 0600(0730)-0010  
1490 WVEC-VA SCH: 24 hrs., SP MM  
0000-0600  
WTCS-WV SCH: 0645(0755)-2330  
(2200); ZIP: 26554  
1520 WBNO-OH p500  
WKJR-MI CP is on.  
KRAD-MN delete info here. Is  
on 1590.  
1530 WYAZ-MS new call - Yazoo Cy.  
WFIC-VA CP is on.  
1560 KPNC-CA SCH: 0845-0505(0305)  
WQXR-NY SCH: s/off 0005  
KAJN-LA (CP) LOC: Crowley  
1570 WTOW-MD This call is correct,  
not WLIF - sri.  
1580 WHEX-PA ex-WCOY  
WYYZ-GA new call - Jasper  
1590 KRAD-MN restore original list-  
ing.  
CP -ON delete (Guelph)  
1600 KXEW-AZ CP is on.  
xx 970 WJRZ-NJ SCH: 24 hrs, NSP  
(see DDX for other details)



This unique QSL was received by Steve Bohac, N. J., for reception of the very widely heard bootleg station WFSR transmitting from Yonkers, N. Y. This is the sister stn of WKOV, which transmitted from a separate location in Yonkers. WFSR is identical with "Radio Free America".