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)...
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 "FSL" 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'er, 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 Obbio, 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?).

SPECIALS

WE WISH TO CORRECT THE TIME LISTED LAST ISSUE FOR THE KWS, 520 FREQUENCY CHECKS, TO 3:45-4:00 LIT 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.H.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 N of Newark, N.J. and 50 miles N of Trenton, N.J. The chairman of this annual event this year is Cecilia Pallender, 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, Tapeponders, 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 STATIONARY - WILY-1210

Dear Larry (Larry E. Black, Bloomingfield Hills, Mich) CENTRALA, ILLINOIS

"Thanks for your letter and I'm sorry it took me so long to get back to you. "Our CI asked one of our board engineers to reply who of course asked me to reply, and to their amazement, I did."

"I presume you in a Radio Club, we get several letters a day from clubbers 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 car radio!"

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

Editor's note: This last to-the-last paragraph is IMPOSSIBLE, and we hope whoever sent in that report is not an NRCer. Here in N.Y.C., WQX-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!

SAN FRANCISCO REGIONS

That magic weekend is fast approaching - Labor Day weekend - 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 NEWS, more details about the festivities, so keep watching for them, but don't delay making your reservations now for the big weekend, September 3-5.

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, ladies - 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 doing's day by day so others may benefit!
Greetings. I just got through typing a report to KEED-1480, so I
decided it was time to send a "Rumbling" to "Start" hi. First of all, a big wel-
come to John Hupke, who lives all of 5 blocks from me! Also, welcome to Tom McC-
ormack and Fred Hendricks. DX is now slower here with the interest just begin-
ing to come back again after two month hiatus. 4/12- WSEF-1400 Pa. on TSTB
12:10-12:22 (while riding in a car, so tty)- 4/26- WQQX-1590 Va. f/p to 2am to 2:10 &
c/w 1550 KY. r/c on an hour early w/nx noted at 2:17, but unm time. v/f-
WMNC KSAL WJDR WXXX WYR WAX WZJ WDE WSG HEE WZK WSWF. v/g- CB WHIR
KOOL KLIF KEGO (for KS reception) KDYN. v/FP- WXIX, a year and 12 days after the
f/int was up on the last time. Indy did not go on DST this year, but this region is ob-
servable Chicago time even though it's technically illegal (even the P.O. is on
fast. hi). Even though I've yet to get up early, it may well make a differ-
ence 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 stereo now than on ham equipment. Word of warn-
ing from one who found out - it's in a retail area, too. I have to close now and
unfortunately I can't go and shop for a watch. It's rough DXing with an alarm clock, hi. 73, see you an-
other time. Oh yes, I had a ball in YADIA. I enjoyed meeting all the guys
there. Yes, DXers tend to be a rather ugly group, hi. 73. (Not here in the
Fast, Rick ERC)

TOM MCCORMACK - 275 Littleton Street - West Lafayette, Indiana - 47906
Little DX here lately w/the EQ-1480 gone, but I plan to do a lot
of SRS DX this Summer on the Highvay portable. Indiana did not change over to
DST this Summer so the ERers will be in on SRS. But verifies here, 50/50, 8/8, &
? countries. Recent verifies here include v/f- WCF-1480 DX Salisbury, N.C. (OM too), WSEX-1290 B.C. (heard v/OM off & several KEM QRM on SRS), WSO-940 TEST Brookfield, Conn. & WISE-1310 TEST, Asheville, N.C. (my 35th N.C. Verie
thus far). v/f- WVEN-570 (best, took THREE days!) and CJIC-1050 (took seven
months, my 36th Ont. verie out of 50 logged). I collect & swap OM & bumper
stickers, so just give me a write and send a few on. My rig is upping to 55w.
soon so Alaska should be a lot easier for many members next season. All ERers are
welcome here and feel free to stop by any time, like on the way out to the Con-
vention in San Francisco this Summer, hi). Tapepanders welcome too. I tape
nearly all DX but count taped BX as a log, and not as a "verification". 73s.

TIM KERFOOT - 74 Cross Street - Weston, Ontario
The last DX of the season here was on 4/8, when WERF-1080 was be-
ing heard in Canada after 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 (Venez-
uela) 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 led in the overall totals with 75 heard; Pa. 67, Ohio 65, Va., 25 and Mich. 22. Of course, Ontario has by far the most heard of the provinces. My
most wanted station is still WADD-1500. It is unlikely that such DX will be done here this Summer, except for specials, although I may try to catch up on some reporting to unverified stations. Will anybody be doing any DXing this Summer, I
wonder? 73. (You bet, Tim - lots of NRers do, including me - ER0)

JERRY STARR - WBBT - 401 North Blake Avenue - Youngstown, Ohio - 44505
again. I hope that all the 40 YR attendees had sufficiently
recovered from the weekend 10-11 DX party. You'll be glad to know we are once ag-
ain 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 WPN 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 leather jacket from Black Rock, two sleeping bag covers:
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 smoke oil. On to DX: I listened for the WSSF
1400 DX report by Pat Planagan at YAD on 4/12 but not a peak although it was
heard quite well in Indiana, one of my most wanted and closest unheards, oh well.
4/18 brought KXZM-1550 w/990's CC w/several good IDs. 4/19- WAMB-1190 with
another Big Band BT 1 to past 1:30 and WOR-1580 r/c w/orgnx but not the re-
ligious one in WJR-1550 which was LAC 2:44-3 announcing reports could not be verified.
4/26 was Miracle Morning in that WELX-1330 was off. Good log of WSSF
2:15-2:40 v/100% copy of grab mob; TESMB-1253 using new R. Capital slogan @ 1:15-2 s/iff - when did they drop the R. Popular! Tentative WSSF-1400 @ 2:25 &
100% copy of a spot for the HI of Portsmouth, regular local spot, not Dolly. NCR
Log says Portsmouth, 0 is off at this time. (I believe WSSF is AN HAB & ERC) M4
5/3 was a complete loss. Veries since last Mme: v/- WQX-1340 (they ex-
tended to 4 and then several months) WJUB-1400 KEAR-1480-DX WJUM-1700 just before local 0-900 DX, WADD-1560 WXYZ-1500 WJL-1560, WJEX-1560, WJUC-1560
1050 WQUN-1490 KEIR-1490 WJL-1570 for initial EF, WAFJ-1430 WAP-690 TEST,
KXJ-1450 WIMA-1150 WABF-1460 WISE-1310 DX KEQG-1500 WQCH-1650 XCEO-1380
RGUS-700 DX. v/f- WJUB-1400 KEIR-1030 R. Carrouel, Ecuador-65$. Notes from ver-
ifies 4/14- new address: Box 1036. KEXO-1440 says one of their towers is also
used for the police's Loran station. WJCH-1000 says in part: We were very pleased to receive your report since it was the first one in several months due to some sta-
tion going on/remaining on high power at night. According to our information, the interfering station ceased their illegal operation about three nights before our
reception. Any ideas who it was, anybody? 73s, see you at Toledo & San Fran.

PAUL KIRBY - 2100 Brooks Drive - Suitland, Maryland - 20026
Very little DX to report this time. 3/15- 71RV-770 B.I. 5:10am v/ID
as "The Mighty Zee." 3/28- XENVP s/off in EE u/vc of WXXR-1500 @ 12:59am.
WJPM-1340 Fla. had an EF at 2:40am. WINS-1560 Conn. heard w/TST program @ 2:50am.
Until 5-26 had an EF, WAMC sports program & RFM DX (WAVX) on 1560. (Those were ERs, from HU - ERC) WISE-DX @ 2:10am in u/vc ID r/c
4/25- v/f- looking for from WPOS-1310 N.C. for me. I went in for the new NCR L.A. Log and am looking to find to it. A Space Magnet and/or Altitismh Loopkit ought to be forthcoming in a few months also. I caught the Freewave-All flight in FL & SJ on SW this time but had a hard time transmitting.

BERNIE DUFFY - 350 Richmond Terrace - Staten Island, New York - 10301
5/6 was a memorable DX day for me, as a result of two very ar-
viving together. I was v/f from most-desired semi-local, WJLD-1430, Port
Jersey, N.J. and WBO-1400, Greensboro, N.C. The former says they'll have a re-
port tomorrow. Aug. 4-9:25am @ 12:51am. I was on the PM circuit, our FM
outlet, 967.7. They hope DXers will monitor both media and report. Two other recently received v/1s came from WBBN-900 Booneville, N.J. for their 5:15am s/on,
& WXYC-1300 Harrisonvurg, Va. for a 3/29 test. The 70-71 DX Season has been my
least productive one. Now that local WNO-130 is on a more limited scale of opera-
tion, 7am-8pm, it behoves us DXers of this NYC area to look for KK8A, Kenneth,
N0., as the former signs off at SBS.

NEXT ISSUE IN THREE WEEKS. OUR BROOKLYN MUSINGS DEADLINE WILL BE THURS. JUNE 3rd
CARL JUNKER - 1312 Colwick Drive - Dayton, Ohio - 45420

Sure is loud here on 4/23.

My log is on.

I guess a brief summary of my recent DXing is in order. So here it is.

The WBAI-1440, a daytime station from New York, is audible on 1155, has been unsuccessful. It tried several times, but I won't hold my breath. Get 'em while they're cheaper! Also visible from WOTI-600 on 1550.

I have logged three new countries in three days.

Unlimited, I mean they're unlimited. For instance, a 1,500 mile geology field trip in Idaho.

Not to mention World Traveler, Septmber.

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LARRY E. BLACK - 4017 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
Grove High School. I started DXing in 5/69 from Indianapolis. I moved here
last June. My Father is a mail carrier for the city, and the DX is just SWL 1807
non-stop. I also have a Concord F-600 Cessna. Total records are 7/7 provinces,
33/31 states, with 9/40 verified. On to the more bordacious DX.
3/22 - WOP-1400 N.Y. in poorly 0 u/CHW. WAG-1500 S.C. throwing in 500db 6/3-3-14. Hi, I can certainly see how they covered the entire country. 4/25 - WO-1400 0.
w/WKQ looped. W6R-1113 on c-w after 1300. 5/29 - WJXUT-200 Cel
very weak, 0 from Cal. 3/31 - WREI-1500 S.C. almost unreadable and much-wanted
WNYN-1201 Okla. in 50/50 w/CAU. 4/5 - What I expected to be KFRC turned to
be WJOP-950 Pa. WJQ-1400 0. testing & 2. 4/6 - Much-wanted WNYF-990 Ind. in
strong w/V/8 Tor Munice, Anderson, New Castle, Hartford City, and all of East
Central Indiana. In 8F w/WCQ looped. WEN-1130 N.Y. way
down w/looped WCQ. I visited WNCars Bob Han in Indiana over Easter Vacations. I'll
let Bob tell of that DX in his Muse, but I do want to mention EJNY-900 Arube, w/
XMO looped. Announcer had very heavy English accent. Back in Mortom, 4/16-
Wanted WCQF-940 Miss. w/WJQ slenovew, WAXF-1450 Mich. w/WJQ looped. I
cleaned up on CCQK-730 Que. WNYA-1800 Ga. very strong on 6 @ 515. WNYA-1590
N.Y. good w/maintenance check. 4/25 - KTMY-990 Tex. good on SRS. 4/24 - While
looking for WAB w/7 I heard 1500 Kans. testing for maintenance w/vx, WSMY-
4700 Mi. fair on 3/8 @ 5. 4/25 - KM4P-1950 Is/4 poor w/4 RX for a change from MES.
Verifies include w/4, WIG CHN JAW WJL WOE WAB WVE WVE W/4 - KMBN MAG WILL. The
two holdouts for my states are KEO & K Edwards, do they? I hope I'm not
over 30 lines. U & T 73.

BRUCE WINKELMAN - Route 1 - Elinwood, Kansas - 67356

I'm not sure the addresses change from previous Musings. As CX de-
teriorate and things begin to pile up at the end of the school year, DX has dwi-
dened to sich. But I thought I'd go off a quick Muse to let everyone know I'm
still ar and even though no DX has done in. Since DX has been so non-existent,
I'll review the highlights of my DX season. My two biggest thrill came during the
Christmas break. 1st WWB-900 @ 2:10am on 12/25. Another DX outside of the usual Canada, Mexico & Cuba. Then on 1/4 @ 11:40 RCJH-890 in Bo-
gota, Colombia came on W1FQF. This was my first SA country. Another de-
velopment was the acquisition of an SW-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
this Summer, primarily around 1200 since I've got classes and work work work.
During the past DX season, my best catch was undoubtedly W4QIA-1230 @ 2:10am on 12/
21 w/250w at roughly 485 miles. Also during the past season I new a last log of many
stations heard from Ellinwood. In 20 days of very erratic DXing during school
vacations, my totals are 219 stations from 30 states, four provinces and six coun-
tries. My strongest station was W4QIA with 25 DXers. Anyone know what power SWF-
1560 uses? I logged him @ 5pm on 12/21. I've seen a number of logos in TIKO
but never any mention of power. There's nothing in my ancient VJ Log or in the
1970 WTVR. So much for me now. 73 & good DX.

CLIFF RENO - 75 Parish Road South - New Canaan, Connecticut - 06840
Hi everybody. Just a short Muse 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 Winzer. I didn't do any DXing this season except for New Year's Week
when we were at my place up north here on the 4th. I hope to do much dial twisting next
season w/30 RX. Until next time, 73 & good DX.

JOHN OLDFIELD - Moraine Lake, Alberta
Hi. 0-500/500, Fernie, B.C. now on the air. CKEF, is parallel to CKXK-570, Grovenstein (Past) Earnie & East Kootenay. CKEF-470 stands
for Cranbrook Kimberley & East Kootenay. Should be a cinch from N.Y.C., 73.

RONALD F. SCHMID - 510 N.W. 158 Street - North Miami Beach, Florida - 33162
Greater DX from the fabulous gold Coast! CKEF-470 is back on the
air & possibly running about 150W! It's a powerful, miss-free signal on
the car radio at 222 miles, & this at high noon! Cuban FM & TV have been come-
ing in, but that's kosher to talk about here, 73. To bring you up
date on our local formats; WQM-560 740, WLCD-610 Moor, WQDT-110 talk,
progressive WQMC-900 FM, WQTB-700 FM, WQDT-940 FM, WQCC-940 FM,
WQJ-940 WJOP-740 FM, WQCF-940 FM. The others tend to be of "Miss" Research for a good ISCA design continues.
One circuit worked so good that I decided to put it in a 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 wound my RX's antenna coil w/9 double
primaries & a1/4" unbalanced input. The final ISCA design in the form of a "cardioid Accessory" for my RX standard loop may just as well be
ready for demonstration by Convention time. Speaking of conventions,
will IUO 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 indus-
try we have a smogless environment. Our buildings and streets are clean and
bright. Come Early September we lack the sudden chill that plagues NE & NW con-
vention 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 conven-
tion, think of your environment and your health. Only the best for NRC - Florida and U in '72!

ALAN MERMERMAN - Box 6 - Fairfax, Virginia - 22030
Well, I guess it's about time for another Musing. Not much DX
here, I'm still doing a lot of hammering. I had a great time at Yaddal, a trip
to the hat to Jerry Starr's, a great DX run to some good DX spots in S. and Frisco and possibly Portland for the Erics Bash over Memorial Day. Here's
DX, first, verries. W6G WIG WISE W3BY WSP WRP WNV and Vntina-156. New logos:
3/29 - WISF-130 quite good on DX @ 2:01. WING-940 also good @ 2:25, mixed
with another tester that I think was WING. WING-1900 noted @ 3:17 with another &
their spur to 1100.... "fabulous"... again. 4/14 - WJQ-1500 good on w/2 @ 2:46, First new logging on my favorite frequency in quite a while. It's still
noisy but remarkable announcements during the test that re-
ported would not be confirmed, they sent me a letter. I must have been in
great shape as he got fooled up on one of his announcements and said that
"all reports received on this broadcast will not be confirmed." Also on 4/19,
WING-1900 with their r/w @ 3:02. On 4/23 playing around during the day I noted
WJQ-1500 off WJQ-1300 FM in the background. "Cable" 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
coils by a long shot. But pre-asps. Nails are about the same on anywax reception but the
air core loop's much better on locals. Also the amplifier on the SM overloads the
RFI badly on the low end. Ernie, what's this stunt 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 KKKK Allen Masen -ERC) I am leaving Sunday for two weeks at the U. of
Colorado, compliments of the Post Office, so no DX for a while. 73 for now. (Hey, Alan - TAKE MY POSTMAN WITH YOU??? -ERC) (He's going to FIFTH GRADE now - nights)

WILLIE HEINEN - 125 Limwood - Orchard Park, New York
Not much here due to heavy seasonal workload at base. I do have
some new verries:
W/V 1570 690, KFCM-1560 WAGV-910 KECO-110 WPTF-960, v/1 CHLO-1570
The assistant wrote out the letter in Dutch. Almost alone local DXers from KM-1010 DXer were smacking the word "Bad" off 12:20, did the same 5/3, not noted there 5/5 or 5/6. WIG-Z-1840 t/c 1:32-1500, 1590 voice & CW IDs. Veris (you remember what those are?) KWAK-1240 WAMB-1350 KENT-1350 WAG-1500 & WJR-1540. WARB-NEW TEST next season; I think, they want reports. Get them now if you can, if not, wait for a possible test. Don't overlook that it takes time to get the CW; passes your area this week (92258, CFTR-600, & KEBR-1880 that way). Also a chance to log semi-local or unheards when area stations run longer NDXATS at noon & 6pm. Same holds true for EM talk shows. GO MUD.

JON LEHARDT - 730 Redman Avenue - Haddonfield, New Jersey

Not too much ECM this month - too much time spent on SW. On the right of 5/6 @ 9:45pm I bagannded across an rr on 150k. He was playing all rr, no announcements, abrupt s/off @ 10:00pm. Signal was obviously distant, as it was affected by selective fading. Ideas, anyone? I could just hear it on the Northern portable, but much better on the SW. CX have been deteriorating since May. CW is evidently better. The next few weeks here for good, but Rome & Morocco are getting hard to come by more often. Distance-wise, I got lucky about three weeks ago. I cramped the selectivity all the way down on the NCL-185D and was able to ferret out WABD-1200 despite the tremendous splash from WLOB-1210, as I'm only about four miles from their RR, and my longwave is broadside to their antennas. The station was WSB-1550 was a regular after WJDF left the air, until about two weeks ago. Now only the mean of heterodynes can be heard WESL coming to the surfact only occasionally. (I hope I get a few next month.) (I hope so too, Jon, but please double-space - ECM)

ERNEST R. COOPER - 143 East 21 Street - Carrier Route 56 - Brooklyn, N.Y. 11205

Two v/ps in, WOB-730 and WEC-1500. I note my usual 8S-900 on 3/29 was HFS, 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 v/ps and PPs/ps - 1550 and 1560. WAEC & WERG - I was too tired to EH on 1560, as I slept in on them, fortunately. I did send my fifth report to WJS-970, local, who's about to become another rooker, WDVA, 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, WABD is its greatest - hardly heard here, but when they do give it, it's just one item in leas than one minute, and after all, "News" these days could be prefixed with the word "Bad" 99% of the time, and who needs bad news every half hour? SM 5/9-11 on 1570 first noted @ 1:13; no CKIM heard; IDE @ 1:48, a W, but that was all I could get - anybody find out who he was? Another similar one on 1530, who IDE @ 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 PP - WJS-1530, Harrisburg, Pa., 500w, on EM/sx 1:35-1:58 & on, fair signal over. I hope the P.O. can find 'em. ECM 1570 off again today, have they (hopefully) quit asking? WJEC-770 ever-lovin AHR has busted loose again - this time on 115k, and I note Alan Hermaan has heard this way down in Virginia. Anybody else hear it? See them a report on it? WAGD-1500 was causing a fuss on 56r, and aking a buzz on 940 & 960. An inkling on 8s @ 2:20-2:23. And, on 5/15, TTR on 1590 @ 11-12:18, also there MM 5/10. Un WAW-1580 Tetering @ 1:25 & on, and WEC-1250, own, ETEE @ 1:20. C U 21.

CINCINNATI REDS BASEBALL NETWORK:  

INDIANA  WEST VA.  

OHIO: 910 WPTF 1390 WECO-D 900 WPTF 540 WKMZ 660 WCMX  

1500 WORR-D 1390 WDRB 1230 WOLZ 950 WGTN  

L 1000 WERG 1000 WERG 1260 WRUW 930 WNKY 1090 WMTX  

W 1150 WMGA 1150 WMGA 1270 WZPR 1230 WZPR 1220 WITR  

KLX 1230 WZNN 1250 WZNN 1390 WZLN 1430 WZNN  

KEY 1260 WZLN 1570 WZLN 1380 WZLN 1480 WHVX  

STA 1340 WZNN 1340 WZNN 1400 WZNN  

1350 WZNN-D (WBS BOYD) 1520 WZSL 1490 WHVX 1370 WZNN-D  

1150 WZNN-D 1390 WZNN 1540 WZNN-D
Radio Difusora Popular is the name of a station that formerly operated in San Cristóbal, Dominican Republic. First time I heard them was in 1956 on 1566 kc. After announcing it as 4980 kcs, the frequency was changed. 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 not using 4980 kc. On 1980, 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: "Radio Boyé". Even though they relayed others' programs, if they were not heard, they would relay them. I came to the conclusion that they were not using a medium waves frequency. At another time, I went to a Santos Domingo station as no one knew about 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 Boyé is a town with a population of 7526 inhabitants. It is 35 miles north-north-east on the road. Two hours by car and partly dirt road as I arrived on the radio frequency was noted to be about 1310 kcs. It was measured more exactly as 1311.6 kcs.

I visited the station again on the same day, but the owner was Mr. Juan Aquino, owner of the station. The house was small and made of cement blocks. A living room about 5 x 7 feet with two seats and some young boys chatting inside. I was very hot, but the owner said it was quite cool in the town.

Our talk was mainly about their working conditions, regrettable as business was not very good. In the town, to make matters worse, a lightning bolt struck 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 an Onda Musical owner gave them some help. When asked about the frequency, he insisted that they were operating on 4980 kc, as this was the frequency assigned by Telecommunications, and they had no right to operate on medium waves, but they were not heard on that spot, complaining that Ecos del Torres in San Cristóbal, Venezuela, always covered them. Optimistic they intend to keep on fighting against hardships and even to obtain a medium waves frequency from Telecommunications in the future. In all they operate from 10.30 G.M.T., when they start relaying news from Santo Domingo station as they have no facilities for newsreels, till 03.00 or 04.00 G.M.T 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 Boyé" 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. They 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 to the south and Pedernales in the south-east, including Hato Mayor and Santo Domingo. Baní and San Cristóbal on the south-west were not heard, though probably it is the same frequency they are using. Nagua on the north and Samaná on the north-east were heard. Most of Santo Domingo incidentally, is quite well, and Radio Santo Marfa 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 ICXD, and a new list of Dominican stations is almost ready to be published soon in DX NEWS.
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<th>Owner</th>
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<td>Mao</td>
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Big Changes Ahead
For WSZO

By the end of March construction of the new Marshall District Radio Studio Radio Station WSZO will be complete. According to field coverage in the District WSZO Station Advisor Paul Savercool said that broadcasting on 10,000 watts will be complete. According to field coverage in the District Center and the outer islands WSZO will be islands," he said.

"10,000 watts will mean that we will cover an area from Hawaii to Saipan and made. We have little doubt about being able to accomplish this," said Savercool. "Because we have the best broadcasting that individual staff which Savercool explained that staff in the Trust Territory reaching a larger geographic area than any radio station including the mainland U.S. A. when ionospheric conditions are right," said Savercool. 

"It is the feeling of TT Comprising this wonderful broadcast objective. Comprising this wonderful broadcast objective. Comprising this wonderful broadcasting that individual staff which Savercool districts stations account has mentioned are: Sam Jonathan, Elly Kasan, Andrew Billmon, Chuck Sfrentary and Dave Walker. A WSZO will soon be broadcasting 100% locally originated programs and that all AFRTS...
Looks like about 200 microvolts/meter, Ernie; that's quite weak!

KLUC RECEPTION REPORTS  Frequency Test, March 15, 1971

CALIFORNIA
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

CANADA
11. Eric H. Tibbatts, Balmertown, Ontario  Poor
12. John H. Oldfield, Edmonton, Alberta  Poor
13. Melville G. Coffin, Mission City, B. C.  Good
14. Paul Wingert, Regina, Saskatchewan  Good
15. Joseph W. Plonka, Chaplin, Saskatchewan  Good
16. Chuck Albertson, Bellevue  Poor
17. Roger S. Horie, Missoula  Good
18. Chuck Wall, Dallas (15-trans., no ext ant)  Good
19. Terry W. Jarvis, Kirksville  Fair
20. Andy Kwiatkowski, Chicago  Poor
21. Robert Kramer, Chicago  Fair
22. Robert Kramer, Chicago  Fair

WISCONSIN
23. Neil Barlett, Verona  Poor
24. Gary Nuthals, Green Bay  Fair

MINNESOTA
25. George E. Sherman, Rosemount  Good

PENNSYLVANIA
26. John H. Shannon, Kittanning  Poor
27. John H. Sampson, Winston-Salem  Poor

Special Note: Dave Schneider, Kingston, New York...Picked-up test 2/8/71 from 12:30 to 12:45 AM, 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 Tinklersley
No doubt many DX'ers are still somewhat confused with regard to the why's and wherefore's 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 the FCC Rules Section 73.09, 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 coversages.

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 is to the advantage of these two stations to utilise 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 any broadcast. Likewise, it should be remembered that although a station has applied for and been granted a PSAR operation, it is not necessary for the station to use it. Thus it is possible for a station to apply for a PSAR 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 PSAR sometimes, and without it at other times.

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

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By SGT ANDRE TURGEON

NABA, Okinawa - American Forces Radio and Television (AFRT) Okinawa's new AM radio station began broadcasting an all-news schedule at 9 a.m. Saturday after protests from the Ryukyus Young Men's Association (RYMA) charging AFRT with violating Department of Defense (DD) regulations governing radio operations.

The protest, in the form of a letter, was delivered to the High Commissioner, James B. Lamon, Friday morning, the day after RYMA learned the new station was going on the air Saturday. This was the first time that such a protest has been made by RYMA, which operates the English language station, KSBK, as well as a Japanese language radio and TV station.

According to spokesmen for RYMA, the protest requested that the operation of the new AM station be postponed pending a review of the situation.

The AFRT Information station at 1420 kHz on the dial will program 24 hours a day of news, 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 AFRTS AM station.

AFRT also has a FM station at 88.1 MHz on the dial and TV channel 6.

"The addition of the information news station, plus expansion of AFRT's other radio and television outlets form a mini-ensemble in broadcasting," says Wales.

He also said that KSBK programmed contemporary music 24 hours daily while the Pentagon limits AFRT to evening entertainment operations unable.

Wales asserted that "AFRT is exceeding its authorized activity 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 RYMA, contends that with the new information station AFRT 650 will now be able 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 support," he said.

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

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

Capt. Robert H. Snider, officer in charge of AFRT Okinawa, said in an interview Friday morning that AFRT was "fulfilling the mission of AFRT by providing information and entertainment to military personnel based 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 tuned in ages from 16 to 29 years old. The survey also showed that 95 percent of the programming is based on the top 100 list 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-1, Washington line, which is available to all AFRT stations worldwide. We had been using it for on-the-hour newscasts and half an hour at noon on Radio 650 and TV."

Lt. Col. C. R. S. Yatsky, director of Information for the 31st Air Division, 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.

"So no station now competes with KSBK, which has a format aimed primarily at the younger generation. The AFRT format has a little for each generation," said Snider.

He noted 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 KSBK would demand that all contemporary programs such as are broadcast by KSBK take off the air by AFRT, stopping any direct competition for listener audience.

Greene also said that if the station went off the air without permission RYMA would file an official protest to Washington.
Greetings once again. Not a whole lot this time, due to some really rotten summer weather, we've been out back at work, and the usual types this time, at least for the "A" section, tho' it'll probably be the last time for it. Uh this column, two differentnesses — all change items which go up may not be found here, since it's in this issue; and all items that prior to 1/25 time change will be noted w/ and "8" after the time here, and all items after 1/25 to be run w/ a "D".

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midnight sunrise

550 unID "Radio 550" atop 1050 WXXI, says he's been in the area earlier, also time checks an hour ahead. (Was Boyd, Youngstown, Ohio) ** Think so — RJTE (0100-0500) **

570 unID WRPO's l/2 UNID also here at 9:30, so no WBKB. Guitar was Rudy Hartl, must be a super-power LA as he wasn't WAPM. (Hart, Ft. Worth, Texas)

600 WBBO-OM Unn. yet w/ super sig 2350-0000/60/112 off 5/3, w/ stop start (Boyd)

GPUS-QO O/WGD-AM after 2605 w/ off w/ W00X, local spot 0000-100 5/3 (WXXI)

420 KFI-BO 5/3 on 0350 L/26 after being off since abt 0500 (WXXI)

710 WRMY-AM Evidently having an SP 0100-1200 w/ powerful 0200. Is this regular TT (Jerry Youngstown, Ohio) ** I believe they've been off 3rd MM about l/4, so, new RJTE

790 WPJO-PA Local not w/ W00X, reply Stills & Nash LP 0100-0100 (W XXI) 4/17.

Again w/ 0112/0125, still on 0350 (5/29) (W XXI)

850 CJOQ-02 L/26 in w/ o/w-0210-12 (ER)

890 WILK-AM Testing some on 0125, not on RN. Unusual (WXXI)

900 unID Fair 0230 5/3 w/ KB (US, Canada) and ETT 0230, CHICAGO (W XXI) ** Almost surely, unless ETT has recently changed 5/20--82.

1140 KFLD-AM ET L/26 and 0300 (Hart)

1140 KEOA-IA ET/TT 0300 L/26 very strong (Hart)

1160 KLDL-AM MM on 0350 heard L/26 (Hart)

1160 KDLT-AM ET/TT noted 0350 L/26, or L/26 on 0300 (Hart) Hrd w/ w/ 0355 on L/26, on for severe wx. (WXXI)

950 KEEL-AM AN L/19 for severe wx, playing easy-listening mix instead of usual (WXXI)

* WAPL-BO Noted H/s off 0300 5/3, also other ears, new time? (Boyd) w/ WQX-AM 5/10.

1020 KSBS-00 MM on 0300 5/3, ann off to 0330 (Hart)

1190 KLIP-02 Noted off 0300 L/30, 385 hrd weakly (Hart)

WABM-AM Another ET/TT 0100-0150 L/26 (Our)

1210 LISO-AM 1900 w/ w/ am L/26. KM off w/ 4505 (RJTE)

1200 KYSP-MM Is not H/s, but has very irregular off times (Hart)

1270 KDOC-BC Good w/ off, 0219 10/10 (WXXI)

1250 WLEX-00 L/26 off 0100-0150/5/3/10 thru WBBK OC, no ID's or talk. This L/26, (Jack Widmer, Indy, IN)

1330 KFH-05 plenty of normal SP L/25 (Hart)

1340 KQIU-00 Good w/ 0358 10/17 (WXXI)

1350 KLEH-02 L/26 off 0225 10/10, Hrd /700 (WXXI)

1350 WHEB-LA W/ 0215 10/10 for new log 1/25 (Starr)

* WHEB-LA Off fair 0100 L/26 (Widmer)
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 WKGX, which transmitted from a separate location in Yonkers. WFSR is identical with "Radio Free America."