



DX NEWS

*the magazine of the
National Radio Club*
— SINCE 1933 —

VOLUME 50 ISSUE 30

SEPTEMBER 26, 1983

WELL, WE MADE IT BACK FROM ENFIELD, AND I MUST SAY, I HAD A GOOD INTERESTING TIME AND LEARNED ALOT, MOSTLY FROM YOU THE MEMBERS THAT WERE THERE. THANKS, TO THOSE THAT CAME UP WITH THOSE IDEAS, I'M SURE YOU WILL SEE MANY OF THEM IN USE HERE IN DX NEWS BEFORE LONG.

COLORADO SPRINGS, CO LOOKS LIKE THAT TOWN WILL BECOME TERRORIZED BY NEXT LABOR DAY WEEKEND. SPEAKING OF WHICH, I WONDER IF ENFIELD WILL EVER BE THE SAME AGAIN.

PER PAUL KOWALSKI, HE SAYS THOSE OF YOU THAT HAVE ORDERED ANTENNAS FROM HIM, FROM THAT ARTICLE THAT HAD APPEARED IN DXN A FEW ISSUES BACK, HE SAYS "BE PATIENT", HE HAS ALOT OF ORDERS AND NOT MUCH TIME TO DO THEM ALL IN, SO GIVE HIM A FEW MORE WEEKS, OKAY?

R-390A USERS DICK TRUAX HAS SEVERAL SUBCHASSIS AND MANY EXTRA PARTS AVAILABLE, ALL YOU HAVE TO DO IS SEND DICK AN SASE TO GET THE LIST OF PARTS AND GOODIES.

BACK TO THE CONVENTION FOR A FEW MORE MOMENTS, ...DID ANY ONE PICK UP A PACKET OF DXN'S THAT THEY DON'T REMEMBER BUYING AT THE AUCTION? WELL, JAY SMILKSTEIN SAYS WHEN HE GOT HOME HE FOUND IS NOT THERE, SO IF YOU HAVE THEM, WHY NOT MAKE ARRANGEMENTS WITH HIM TO GET HIS PROPERTY BACK TO HIM.

RUMORS HAVE IT THAT RADIO SHACK HAS OUT A COUPLE NEW RADIOS...A DX-400, DX-360, AND A PATROLMAN SW-60. I HAVEN'T BEEN DOWN TO RADIO SHACK LATELY SO, I DON'T KNOW IF THEY ARE IN THEIR NEW CATALOG OR NOT. IF ANY OF YOU DO HAVE ONE, WHY NOT WRITE UP A REVIEW AND SUBMIT IT TO HQ. WE CAN ALWAYS USE THE ARTICLE, ANY ARTICLE!

RX12PL RADIO REVIEW BY RAFAEL CALABUIG OF [DSWC] HAS A NICE ARTICLE LOCATED ON PAGE 18 IF THIS ISSUE.

DAYTIMERS EXTENDED HOURS ARTICLES CAN BE FOUND ON PAGE 2 THIS ISSUE, ALONG WITH SOME ARTICLES ON THE HARRIS AM STEREO SYSTEM, THAT ON PAGE 3 AND 13.

SOME CONTESTS RULES CHANGES CAN BE FOUND ON PAGE 13, IF YOU THOUGHT ABOUT ENTERING, READ PAGE 13 AND YOU MIGHT FIND THAT THIS WILL HELP YOUR SCORING OUT.

ENFIELD CONVENTION REVIEW, WITH SURPRISE ADDITIONS MADE HERE AT HQ, CAN BE FOUND ON PAGE 27. (EVEN THE NRC SWAT TEAM SHOULD READ THIS)

WE GO BACK TO OUR WEEKLY SCHEDULE OF DXN IN JUST THREE WEEKS, SO LOOKS LIKE ANOTHER SEASON IS UNDER WAY, REMEMBER REPORT YOUR ITEMS TO THE COLUMNS AND MUSE OFTEN!!!

CPC TESTS

BOY DID WE MAKE A BIG GOOF!! OUR APOLOGIES GO TO WEED OF ROCKY MOUNT, NC FOR US BLOWING THE LISTING OF HIS TEST IN THE LAST ISSUE. AND BILL, THANKS FOR THE SCOLDING WE NEEDED IT.

LOOK INSIDE

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SPECIAL THANKS TO THE PEOPLE THAT PUT TOGETHER THE NRC 50TH ANNIV. BOOK. FOR THOSE OF YOU WHO HAVEN'T ORDERED IT, YOUR MISSING OUT ON ALOT OF NRC HISTORY.

THE BOOK AND TIME SPENT ON IT SHOWS GREATLY, QUITE A PROFESSIONAL JOB.

Mike Sup

FCC Set To Extend Daytimer Operating Hours This Week

It appears almost certain that most of the 2600 daytime-only stations in the United States will soon be able to broadcast from 6am to 6pm for the first time. That relief will come this week (9-9), when the FCC is expected to approve a series of daytimer proposals it suggested more than a year ago. One well-placed Commission official, who predicted easy passage for the item, said the aid for daytimers may actually go "a little farther" than the measures proposed.

The extra relief, according to a private engineer who has followed the issue closely, could involve allowing stations to broadcast until two hours past local sunset, rather than setting an arbitrary winter sign-off time of 6pm as proposed. The engineer predicted "significant relief" for all but a few hundred daytimers.

The measures set for adoption this week are reported to be similar to last year's proposals, which would:

- Allow pre-sunrise operations by Class II daytimers located east of co-channel Class I-A stations.
- Allow Class II daytimers located west of co-channel I-A stations (and outside their primary skywave contours) to begin pre-sunrise operations at 6am, regardless of local sunrise time at the I-A station.

Longer day OK'd for AM stations

WASHINGTON (AP) — The Federal Communications Commission agreed yesterday to authorize longer operating hours for an estimated 2,300 AM radio stations across the country.

The decision, approved by a 4-0 vote, will allow most of the nation's daytime-only broadcasters to remain on the air operating at reduced power for up to two hours after local sunset.

The daytime prohibitions were imposed in the early days of broadcasting to protect the nighttime signals of larger stations licensed to serve larger regions of the country.

VIA NIEL KARLOS 9-183

WGET

1320 AM

WGET broadcasts Mutual News every 30 minutes on the hour and half hour. Local News at 6:05 and 10 a.m.; 12:05, 3, 5, 9 and 11 p.m. Adult Contemporary Music, except as follows:

MONDAY'S PROGRAMS
6:00—Agritime
6:15—Agrifeature
6:35—Agriviewer
9:00—Morning Report
9:00—Morning Devotions
Rev. James Terry
Seventh-day Adventist
9:15—Sacred Heart
10:00—Local News
11:35—Farm Journal
11:45—Agrifeature

12:40—Noon Report
2:00—Local News
4:00—Local News
5:15—Spotlight on Sports
6:00—Evening Report
6:30—World Today
8:00—Local News
9:05—N. Western Reviewing Stand
9:25—Behind The Headlines
10:00—Serenade in the Night
11:45—FBI Report
11:55—Sign Off News

WGTY

107.7 Mhz

WGTY broadcasts in stereo from 6 a.m. till midnight with Mutual News at 6, 7, 8 and 9 a.m., 3, 4, 9 and 11 p.m.; Local News at 6:30, 8:30 and 8:30 a.m., 12:30, 4:30 and 9:30 p.m. Contemporary Beautiful Music all day.



- Permit Class II-O daytimers outside a co-channel Class I-A station's primary contour to operate past sunset, until 6pm, with 200 w. Such daytimers within the primary contour of a I-A to the west would have to go off the air at the I-A's local sunset time, if that is earlier than 6pm.
- Permit Class III daytimers to operate past sunset until 6pm at 500 w.

Longer Hours in AM Radio

WASHINGTON, Sept. 9 (AP) — The Federal Communications Commission agreed today to authorize longer operating hours for an estimated 2,300 AM radio stations.

The decision will allow most of the nation's daytime-only broadcasters to remain on the air at reduced power for up to two hours after local sunset. The daytime prohibitions were imposed to protect the night signals of larger stations licensed to serve larger regions.

The commission, which approved the measure 4-0, said it will use its computer system to calculate the power levels for post-sunset operations.

VIA NYTIMES 9-287
GARY CAL AIPORFL

• Calculate protection requirements by using diurnal curves, which will permit longer daytimer hours by more closely following the rising and setting of the sun.

WCIL/Carbondale Claims Clear Channel "Monopoly"

One daytimer executive who has actively lobbied for relief, WCIL/Carbondale, IL PD Matt McCann, said the expected FCC action is "not a complete solution, but a step in the right direction. We'll be better able to serve our community and compete in the marketplace."

McCann said forcing daytimers to go off the air to protect clear channel stations is "a needless monopoly on the AM band that was needed in 1934 but no longer. It's a waste of spectrum space."

On Capitol Hill even more sweeping daytimer relief (S. 880) has been passed by the Senate Commerce Committee. The bill would abolish skywave protection altogether. Clear channel interests, caught off-guard by the committee action, are lobbying vigorously to defeat the measure on the Senate floor.

VIA RBR
John Riddick
Jerry Sudd
& NUMEROUS OTHERS
(names)

NYTIMES July 14, 1983
via Bill Bailey

Tuning In To Remote Stations

WASHINGTON — Inventors of a device with the trademark of Selectastation expect that it will permit remote listening to any local radio station in any American city where one of the units has been installed. Patent 4,363,277 was granted this week to Stuart D. Goldberg, sales manager of WJRC-FM, a New York radio station, and Peter D. Rosen and Don H. Shalinger of Arlington, Mass. engineers with degrees from the Massachusetts Institute of Technology.

Mr. Goldberg said the invention would allow subscribers to the network to monitor over telephone lines a selected radio station, day or night, for as long as desired. He expects broadcast programmers, advertising agency buyers and personnel in the record industry to be among the subscribers. The patent, entitled Remote Tuner Control System, is assigned to Selectastation, Inc., a New York corporation recently formed by the inventors.

According to Mr. Goldberg, the person using the new system monitors a remote station by dialing numbers on a standard Touch-Tone telephone. The user then enters the exact frequency of the station, and the broadcast can be heard on a telephone handset or other telephone. Selectastation Inc. hopes to market a network through one of telephone independent long-distance telephone systems.

FCC Pulls Harris AM Stereo Off Air For Technical Changes

It has been learned that the FCC has ordered all Harris AM stereo exciter off the air by September 1 for failure to comply with the type acceptance granted by the Commission last year.

FCC Deputy Chief Scientist Marjette Reed notified Harris of the action by letter last week (8-17). When contacted this week by JARR, Harris hadn't yet told its stations of the problem, but planned to instruct them by mailgram during the week to take their AM stereo exciter off the air by September 1.

Harris says 75 U.S. and six foreign stations have received its AM stereo transmitting equipment, although it's unclear exactly how many are on the air. Stations listed include such major market outlets as WMLA/Molina, KPFL/Los Angeles, WSM/Knoxville, WLS/Chicago, KYST/Houston, KOMY/San Francisco, KGO/San Diego, and CKLW/Detroit.

Harris Director/Product Marketing Bob Wierwiler told RBR, "We differ with the FCC about what constitutes radio processing. We have one viewpoint and they have another." He said it's likely stations will eventually have to make certain modes of operation rather than undergo adjustments to their exciter. Any technical changes needed would be very minor, he predicted.

According to Wierwiler, Harris planned to submit new type acceptance data to the FCC at the end of this week (9-2). He

cause of the marketplace AM stereo shakeout now underway, Wierwiler said, "We believe it's imperative that they act quickly" in granting a new type acceptance. But he conceded, "People may have to stay off the air for a time."

The problem was first brought to Harris' attention by Motorola, one of three other active AM stereo competitors. "We were concerned that these questions were important enough to take up with the FCC," said Wierwiler. A meeting of Harris and FCC officials took place in mid-August, followed a few days later by Reed's letter ordering the system off the air.

A spokesman in the FCC Chief Scientist's office confirmed that Harris brought the problem to the Commission's attention and said the firm is being extremely cooperative. He added, "We are working with them to resolve the problem."

"It's not a problem for us," commented WQXI PD Fleetwood Guver. "We have the Harris and Kahn systems, so we'll just switch to the other." WLS Operations Director Steve Casey said, "It's a bit of a shock." But he said there should be no major inconvenience, since WLS is planning any major AM stereo promotion until later in the fall, when Sony and Sansul sets are readily available in the market.

RIR via SWR

MORE ON PAGE 13

Harris AM Stereo Exciter Ordered Pulled by FCC

WASHINGTON — Harris Corp.'s numerical lead in AM stereo broadcasting has suffered a setback as the Federal Communications Commission ordered its stereo exciter off the market and approximately 60 stations using it to stop stereo operations.

The FCC, charging the STX-1 exciter differs from the Harris equipment type-accepted by the commission last year, specified that Harris must notify each user within 15 days of the Aug. 17 order to shut down stereo broadcasting operations based on the STX-1. Harris said it has notified the stations.

Harris' package for AM stereo consists of three components, data and take action within 60 to 90 days.

Harris, assuming it would get approval, said it would advise its customers as soon as it has received FCC approval to resume use of the STX-1.

Variable Angle
The summary explained the Harris STX-1 AM stereo exciter had been type-accepted by the FCC in broadcast in a variable angle during test conditions, and automatically switch to a fixed angle under program function, adding that research had shown that compatibility with existing in-station receive envelope detectors is maintained under these modes of operation.

The issue with the FCC is said to be Harris' failure to "flag" the fact that the exciter changes from variable to fixed, prior to acceptance.

Harris claimed the information was in the schematics that were submitted to the FCC at the time of acceptance, but the commission said that it was not "flagged" sufficiently.

According to a letter sent to Harris attorneys by Marjette Reed, FCC deputy chief scientist for policy, the Harris STX-1 that was type-accepted on Aug. 4, 1982, was "a variable angle modulation system with the angle of modulation varying between 30 and 90 degrees."

Mr. Reed noted that information provided to the FCC by Harris officials shows the STX-1 currently being marketed and used by radio stations "operates with a fixed quadrature modulation angle under actual programming and uses the variable angle mode only when tested with a test input signal."

Consequently, according to the letter, the Harris test data on which the type acceptance was granted "must be considered invalid, and the grant of type acceptance issued for the STX-1 does not apply to those units currently in production or in use at radio stations in this country."

Mr. Reed said last week that new technical information has come to Harris "on the unit they want to market."

The FCC is expected to review that information, according to the letter, the Harris test data on which the type acceptance was granted "must be considered invalid, and the grant of type acceptance issued for the STX-1 does not apply to those units currently in production or in use at radio stations in this country."

Increased protection would assure that distant service to remote Alaskan villages isn't wiped out by interference from other stations. According to the Alaska Broadcasters Association, atmospheric and man-made noise are so low in the state that even extremely weak signals can be heard at great distances — as long as there's no station interference. Comments on the plan are due at the FCC by September 12.

U.S.-Cuba Hold AM Talks In Costa Rica

A delegation of U.S. State Department and FCC officials, plus some American broadcasters, quietly held two days of ADS Interference talks with Cuban officials earlier this month. The exchange occurred in Costa Rica when representatives from both sides were attending a seminar sponsored by the International Telecommunications Union (ITU).

Although interference and it's a difficult matter were both on the agenda, the discussions reportedly yielded no progress. The United States and Cuba did, however, agree to furnish each other with more information about their AM inventories, and to consider meeting again. The session was the first face-to-face meeting of Cuban and American officials on broadcast issues since the 1964 de Janeiro AM conference in late 1981.

FCC Considers Greater Protection For Alaska AMs

The FCC has proposed increasing the skywave protection afforded to 16 Alaskan AM stations that operate on Class I-A and I-B channels. The action comes in response to a petition filed by the Alaska Broadcasters Association.

Increased protection would assure that distant service to remote Alaskan villages isn't wiped out by interference from other stations. According to the Alaska Broadcasters Association, atmospheric and man-made noise are so low in the state that even extremely weak signals can be heard at great distances — as long as there's no station interference. Comments on the plan are due at the FCC by September 12.

FROM ELECTRONIC NEWS
AUG 29 83 VIA
BRUCE CONTI

DOMESTIC DX DIGEST

DAVE SCHMIDT
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CASTLE HILLS
NEW CASTLE, DE 19720

Here is the NRC column which offers these words of wisdom, show me a man who can wash plates quickly and I'll show you a dish jockey! When sending your items in, please keep them on one side of the paper, type or write in a language that some how matches English, EIT, skip a line between items, et al. And away we go:

HERE WE GO AGAIN!

- SPECIAL - WRIL-SD went to Rock onies 9/1/800 Drexler-Cast (no)**
- 960 WNGR TN LAPOLETTE - 9/5 1632-1657 fair w/gospel music and a few ads, new station. (TC-TN)
 - 1040 WSKE PA EVERETT - 9/11 1845 noted w/CW music, many ID's, mention of "Radio 10-40", AI news on hour. Call to station learns power as 10000 watts, 2500 watts critical hours. Noted on ET w/OC, tone bursts on 9/10 1700-1945, confirmed as they w/phone call. Also mentioned ET on AM of 9/11. (DS-DE) 9/11 1925-1945 ditto. (RM-CT via phone)
 - 1230 WKCE TN HARRIMAN - 9/5 1135-1139 fair w/WINE splash w/CW music, ads, ID's as "KC Country", new station. (TC-TN)
 - 1260 WSUA FL MIAMI - Address of "Radio Suave" is 825 41st Street, Miami Beach, 33140. (KG-PA)
 - 1320 WQIX FL JACKSONVILLE - 8/1 0259 w/CW music, ID, ex-WVOJ. (EB-MO) WDER NH DERRY - 8/26 1700 noted w/OC, ID on hour. Verie mentions 5000/1000, as well as on CM. (STAN-MA)
 - 1450 WJQT NC NEW BERN - Address of Radio Joy is D-6, Twin Rivers Mall, Highway 17 South, New Bern, 28560. (KG-PA)
 - 1540 WPKZ SC PICKENS - As of 5/18, this station has been off the air since March 1st. The GM expected the station to return to the air but was looking for another job! (KG-PA)
 - 1550 WVMN GA VIENNA - Per visit on 5/13, station pushes 125% modulation to cover Cordele 7 miles south. Has rows of colored lights like a Christmas display to indicate modulation level! PSA power is 27.5 watts! (KG-PA) No wonder they're so loud!
 - 1600 WKJS TN HARRIMAN - 9/5 1659-1704 good w/MYL type music apparently from satellite (probably SMN's "Stardust"), format change from gospel, ex-WHBT (now used on FM 92.7). (TC-TN)

FREQUENCY CHECKS -

4th Mon - WBOB-1490 w/1k TT per list. (JP-ON)
4th Tue - WHOL-1600 8/23 0045-0100 w/400 hertz tone and ID's. (KG-PA)



W S W W

- MIDDAY - MIDNITE -**
- 650 WNRC CT ENFIELD - 9/2 2005 noted rebroadcasting various FM stations, some local programs, very strong in hotel area, gone on check 9/5 1100. Who was running this? (RM-CT) Figures you'd be the first to report this one, I heard it, too! Must've been the local transmitter manufacturer trying a TIS system for the Harley Hotel? Strange.... (DS)
 - 910 KIKM TX SHERMAN - 9/4 2230 fair w/ID, oldies. (BH-TX) (TC-TN)
 - 920 WLIV TN LIVINGSTON - 9/5 1737-1740 weak w/WSEV splash w/CW music. (BH-TX)
 - CFLS PQ LEVIE - 7/14 2132-2157 fair w/rock music in English, ads and a wild DJ in French. (BH-NJ) Wild? (DS) (TC-TN)
 - 970 WXQK TN SPRING CITY - 9/5 1730-1737 weak w/TRN news, ads, CW music. (BH-TX)
 - 1120 WNYL NY BUFFALO - 7/29 2048-2102 s/off, alone on freq. w/pop music, weather and ads, promo for WNYL-FM (104) at s/off, owner is Associated Communications Corp. Ex-WNOL. (KG-PA)
 - 1170 KJAS MO JACKSON - 8/25 1541 good w/pop music, promo/ID. (EB-MO)
 - 1210 WDGR GA DAHLONEGA - 9/5 1758-1800 good w/CW music, ID, news on the hour, sounded very small townish. How did he get 10kw? (TC-TN) Right place at the right time! (DS)
 - 1240 WQVA NY GENEVA - 8/12 2008-2011 on top w/Skoal Motorsports Report and promo for morning show. (KG-PA) (EB-MO)
 - 1260 KGBX MO SPRINGFIELD - 8/30 2136 ads, Royals baseball in WIBV null. (JM-PA)
 - 1330 WAEW TN CROSSVILLE - 9/5 1716 weak in mess w/WYGO, WKON splash w/CW music, only second time heard this rare bird outside of Crossville! (TC-TN) Wanna move in to town? (DS)
 - 1360 WIXE PA MCKEESPORT - 7/6 2010 briefly atop w/CW music, female anc'r w/ID. (BH-NJ) My closest unheard. (JM-PA)
 - 1370 UNID NY 9/4 2230-2250 someone w/AT 40. (BH-TX)
 - UNID NY 9/4 2230-2245 w/above UNID, KC-TX baseball. (BH-TX)
 - 1410 WUNI AL MOBILE - 9/4 2300-2310 ID, NBC news, CW music, good. (BH-TX)

MIDDAY-MIDNITE (Con't.):

- 1420 WRMV NY HERKIMER - 7/29 2030-2045 s/off on top w/MYL and weather, anc'd s/on as 0600 and closed w/promo for WYUT-FM 92.7 (KG-PA)
- WHEZ WY KENOVA - 7/25 2045-2100 w/old favorites, weather, ads and promo, ID's as "Easy 1420", ex-WTOR. (KG-PA)
- 1430 KEES TX GLADWATER - 8/30 2125 in local WIL null w/CW music. (SB-MO)
- 1440 KEYS TX CORPUS CHRISTI - 9/3 1945-2000 fair w/countdown of "The Top 400 oldies". (BH-TX)
- 1450 KOKO MO WARRENSBURG - 8/30 2031 ID, Royals baseball, atop din. (EB)
- 1500 WPIF CT MILFORD - 6/30 1800-1812 weak w/religious program, many ads, possible w/early WKER s/off at 1800. (BH-NJ)
- 1510 KCCV MO INDEPENDENCE - 8/30 2116 o/WLAC w/s/off, owners mentioned as Bott Broadcasting. (EB-MO)
- 1540 WYND NC YANCEYVILLE - 8/8 2015 s/off followed by vocal SSB, alone on freq. (KG-PA)
- WARD PA PITTSBURGH - 6/29 2032-2045 good w/PK Garage Sale call in show, Mitch Miller records, s/off. (BH-NJ)
- CHIN ON TORONTO - 6/29 2045-2100 good w/music and Italian DJ, s/off in english mentions multi-lingual format. (BH-NJ)
- 1550 WKBA VA VINTON - 7/31 2017-2043 good w/religious Top 40 type program and female anc'r w/"KBA" ID's, detailed s/off w/no SSB. (BH)
- WBFJ NC WINSTON-SALEM - 7/31 2043-2045 weak at s/off w/owner info. (BH)
- 1580 WCHS IN CONNERSVILLE - 6/23 2105 good ending news and weather into CW music. (JP-ON)
- 1600 KBOR TX BROWNSVILLE - 9/2 2257-2301 MoR record, ID by female anc'r, fading in/out w/XEAS. (BH-TX)

MIDNITE - MIDDAY -

- 590 KLBJ TX AUSTIN - 8/1 0230 ID, promo then the Best of King w/local WRTX off. (EB-MO) There is a best? Or is it BEST! (DS)
- 620 WACZ ME BANGOR - 8/15 0041 very good w/rock music, ad, PSA, weather, female anc'r, still ID's as "The z", slight splash from WIP-610. (DS-DE)
- 670 *WMAQ IL CHICAGO - 6/12 0307 noted off this AM, was looking for the new Mt. Kisco, NY station due on here but no sign yet! (JP-ON)
- 730 KKDA TX GRAND PRAIRIE - 9/6 0745-0755 AP Sportsline w/female anc'r, into Gospel, Dallas-Pt. Worth school lunch menu's, talk-talk program, good signal, log sez net is UPI. (BH-TX)
- 790 KURM AR ROGERS - 8/30 0705-0710 weather, ID, PSA for school safety, then into CW music. (BH-TX)
- KKBC TX HOUSTON - 9/4 0910 w/Dick Clark's National Music Survey. (BH)
- 850 KCVL PQ VERDUN - 7/10 0519-0538 tentative ID, good w/long telephone interview in French. (BH-NJ) Sounded like 'em! (DS) (JP-ON)
- 860 KKOW KS PITTSBURG - 6/12 0253 fair at times w/soft rock and weather.
- 930 WLLV VA LYNCHBURG - 8/22 0600 s/on w/brief ID, into NBC news. (KG-PA)
- 940 WECO TN WARRENBURG - 8/1 and 8/9 0601 good w/SSB and s/on w/full data, Country 94 ID's into CW music, gone at WESA s/on. (JM)
- WKQM VA SMITHFIELD - 7/15 0603 briefly atop w/ID, religious music. (BH)
- 1030 *WBE MA BOSTON - 6/12 0238 noted off, was looking for the new Mt. Kisco, OH station but wasn't noted. (JP-ON)
- 1110 WHIM RI EAST PROVIDENCE - 7/3 0554-0608 good w/CW music, "11-10 Country" ID, Mutual news. (BH-NJ)
- 1230 WAMM VA WOODSTOCK - 8/15 0117 very strong this AM w/rock music, ID. (DS)
- 1240 *XMCL ID MCCALL - 9/4 0930 noted on ET w/tones and ID's, topping channel at times on beverage antenna! (RM-CT) Nice! (DS)
- 1260 *WNRK DE NEWARK - 8/14 0001-0145 ET w/disc/rock/oldies, OC and many ID's, very strong in transmitter room! (DS-DE)
- 1280 *KGVV MT BELGRADE - 9/4 0045 noted on ET w/TT and ID's at coverage site this AM, way atop freq. at times, still here or a second harmonic of 640? (RM-CT)
- 1290 KOIL NE OKMAH - 8/1 0254 w/ID, weather, pop music. (EB-MO)
- WQEN PA LYKENS - 8/22 0550 on w/regular pop music programs, ads and ID's, AP news at 0630. Are they fulltime now? (KG-PA) Hope not, but they are running an FM station on the cable system. (DS)
- 1320 *WJAS PA PITTSBURGH - 7/24 0110-0130 noted off this AM due to technical difficulties. (JM-PA)
- 1330 KPH KS WICHITA - 9/1 0709-0712 weak w/news of drought and crop damage, positive ID w/mention of Manhattan and Kansas into CW music. (BH-TX)
- WHOT OH CAMPBELL - 8/15 0114 w/rock music, Big Al Knight show, E-O-T ID's, very strong at times. Not often heard anymore. (DS-DE)
- 1360 WHSG VA HARRISONBURG - 7/4 0600-0612 good at s/on w/Saenandoah, CW & Top 40 music, female anc'r w/mentions of "The Valley" (BH-NJ)
- 1370 WJWS VA SOUTH HILL - 7/25 0616-0618 briefly atop w/Community Bulliten Board, ads, CW music. (BH-NJ)



Studio & Office located in the Trust Agency

- 910 (870, continued) hour, the last one held longer too. This unit seems to follow the pattern of pipe others have reported for Argentine. Not enough of course for a positive ID but I think I'm on the trail; not bad for someone on this side of the Appalachians Plateau). Too much static the next night. (Renfrew)
- 910 DOMINICAN REPUBLIC R. La Vega, La Vega moved here from 1430. R. Tiempo, San Francisco de Macoris, formerly on this frequency not heard on any frequency. (Objio)
- 910 PUERTO RICO WPRP Ponce with pop mx relaying WJMS, San Juan on "La Grub Cadena" nulling K. Aerpuerto, Maiguetin. (Objio)
- 915 ECUADOR Keshala MCR03 0205 7/18 nice LA mx, SS talk, fair. (Hakiel)
- 930 PUERTO RICO R. Eco, WJMS Cabo Rojo w/mx, good, nulling Ondas del Yague, Santo Domingo, heard at La Palma de Maria 1000 //11/11/11
- 965 Puerto Rico Santo Domingo de los Colorados 0133 //29 LA mx, SS talk, ID heard //3335-fair signal as good as SW 77. (Hakiel)
- 990 PUERTO RICO R. Alegria, Mayaguez w/sport mx at 1604 7/15. (Objio)
- 1035 PORTUGAL Ponta Alto 0112 0/1 US rock mx, w/ vocal then PP talk, good. (Hakiel)
- 1040 COLOMBIA 0419 7/10 Barranquilla HJAI w/CAHACOL ID, good, way of others. (Connely)
- 1062 PORTUGAL Norte-Azurara 0245 0/1 piano mx, PP talk, fair sig. (Hakiel)
- 1100 ANTIGUA St. Johns ZDK 0030 0/30 sports talk show about basketball. good. (Hakiel)
- 1100 BRAZIL Sao Paulo 0021 7/20 rapid PP talking snorer same as heard on the other Globo station though not tonight. Quickly surrendered channel to Colombia/Venezuela. (Hakiel)
- 1190 DOMINICAN REPUBLIC R. Azul Santiago heard now on this frequency, probably a move from 1060. (Objio)
- 1206 UNID Cayman's 1205 carrier had a hat on it 0610 8/15 and BFO testing showed it originated from 1206, my first TA signal this season, probably the African. My supposition was supported by a 1404 carrier at 0621 and another at 765 at 0626. A index was 10. Audio was missing on these three said the static. The 1206 net was gone by 0647. (Martin)
- 1210 DOMINICAN REPUBLIC R. morenguez, San Francisco de Macoris, not heard here on 7/3-4-5. (Objio)
- 1220 BRAZIL Rio De Janeiro 0036 7/7 rapid talking PP man //0035-gone quickly as other stations come into the picture. (Hakiel)
- 1220 COLOMBIA Barranquilla HJVF 0056 7/24 LA love songs then talk by men and women. Good-short turn on the loop and R. Globo comes in. (Hakiel)
- 1270 MEXICO R. Sensacion XHMW San Luis ZH10 Colorado with SS/LA mx, good signal 1800 GMT. (Buoneman) (I think the time must be a bit off....Did you catch an ID? CH)Oops....if I would read the reports before I typed them I'd have seen that this is a San Diego log-on
- 1320 NETHERLANDS ANTILLES The Voice of Aruba, Oranjestad talk in Papiamentu at 1645 on 7/15. (Objio)
- 1375 ST. PIERRE ET MIQUELON 0039 0/30 disco mx, PP talk, best signal since winter, xint. (Hakiel)
- 1400 COLOMBIA R. Universal, Barranquilla w/lots of ads and ID'ing at 1650 7/15. (Objio)
- 1404 GUINEA Conskry 0045 7/21 AA mx, AA talk, usual good carrier, poor modulation. (Hakiel)
- 1440 DOMINICAN REPUBLIC R. Renuevo, Santo Domingo is a new name for station formerly known as Mi Radio, now all religious format. (Objio)
- 1440 NETHERLANDS ANTILLES R. Kelkboom, Oranjestad heard from San Pedro de Macoris by nulling K. Renuevo, Santo Domingo 7/15. (Objio)
- 1460 TURKS AND CAICOS heard very good and alone in the frequency with religion in afternoon and news in morning 7/3-4-5. (Objio)
- 1470 VENEZUELA R. Latina, Valencia w/pop mx at 0020 7/5. (Objio)
- 1524 SAUDI ARABIA Dubs 0056 6/30 AA chants, AA talk, nice signal. (Hakiel)
- 1570 DOMINICAN REPUBLIC R. Amenezar, Santo Domingo is a change of name from R. Union. (Objio)
- 1593 WEST GERMANY Langenberg 0107 7/24 GU talk, poor-fair. (Hakiel) GG 11te mx, bad but from WCOL-1590. (Buoneman)
- 1600 DOMINICAN REPUBLIC R. Revelacion, Santo Domingo a new name for this sta, all religious. (Objio)

Credits: Eric Buoneman-Hazelwood, MO (DX200, 438* LW) and San Diego (CB60), Mark Connolly-W. Yarmouth, MA (ICF2001), George Hakiel (R7n, R70, LW's, loops), Eric Loy-Mahomet III, (TRP), Gene Martin-Denver CU (HQ180, loop), Casser Objio-Santo Domingo/San Pedro de Macoris, Dem. Republic (unknown), Jim Renfrew-Rochester NY (HQ150, SM1)

THIS IS THIS WEEKS COLUMN...OR ATLEAST PART OF IT HQ

- hi Gang, and welcome to half of an DXD. Half because deadline time found me in New York on business... So here it is Thursday night and I'll do what I can tonight and Mike will wait on this to take the bulletin to the printer. Time's a wasting so here it is.
- 102 USSR 1135 8/12 poor, faint talk by women in Russian, static QRM. (Woman)
- 209 MOROCCO Azilal 0140 8/11 AA vocals by men and AA mx, fair. (Hakiel)
- 210 MURAGO Monte Carlo 0302 8/20 FF talk, poor-fair. (Hakiel)
- 254 ALGERIA 0018 0/26 AA chants, AA talk, fair. (Hakiel) 0151 8/1: AA wailing, fair. (Connely)
- 335 GRENADA 0347 0/4 Marie Kuge to good peak w/ Frank Sinatra song. (Connely)
- 350 VENEZUELA Caracas YVLE 0301 8/11 LA mx, R. Mundial ID, good. (Hakiel) 0202 8/4 noted w/Caracas ads 0/second SS LA (likely Cuba); two CHAS QRM. (Connely)
- 555 ST. AUSTIN 0203 8/4 Bonnetterre 212 xint w/BBC news relay. (Connely)
- 567 NEW ZEALAND 214 Wellington 8/15 faint, //75b lite mx. (Woman)
- 570 CUBA 0207 0/4 SS talk //590 et al; w/REU. (Connely)
- 595 AUSTRALIA 214 Sydney 8/15 traces of audio here, faded quickly. (Woman)
- 580 PUERTO RICO 0205 8/4 San Juan WRAQ good w/A-I-A-Q jingle ID, SS news 0/WEAG/Cuba. (Connely)
- 590 CUBA 0208 8/4 SS talk //570 et al; w/REU. (Connely)
- 600 COLOMBIA 0251 8/4 Barranquilla news heard w/n. Libertated ID; w/ Cuba. (Connely)
- 600 CUBA 0210 8/4 SS talk about Nicaragua and Costa Rica //570. Audio on 800 Cuban is compressed and somewhat mushy sounding. (Connely) And therefore compares fully with Cuban/Guinean audio standards, 81-44
- 620 CUBA 0212 0/4 SS talk //570; loud-blowing; WAGZ/WYWA away. (Conn)
- 621 AUSTRALIA 1138 8/15 JAR Melbourne with much QRM here (too close to local CHED) but could make out some talking. No one else here. (Woman)
- 630 CUBA 0253 8/4 SS //570 w/WPRC. (Connely)
- 639 FIJI Lautoka 8/1 1032 native singing also //1323 fair. (Vernon) Now if I were a nice editor I might say welcome back to you-Gu
- 640 GUADALUPE 0141 8/4 Arnaville dominant w/Grams in fr. (Connely)
- 640 VENEZUELA 0230 8/4 Puerto la Cruz 2VQ6 blasting in o/others: Ondas Portenas ID, mentions of local towns including Puerto la Cruz, Carupana and Barceinas; then disco mx. (Connely)
- 648 AMERICAN Samoa wuuw 0/12 1100 just caught in CHU the splatter from 2001-0/0 noise. Two Hz San here also. Also heard 8/13 with ID at 1757 with live broadcast. (Woman)
- 650 DOMINICAN REPUBLIC 0318/4 Santo Domingo HIRT fair/good w/Universal jingle, SS mx. (Connely)
- 657 NEW ZEALAND 1157 8/13 2XG Wellington good w/s/off snchts with rather at 1157 leaving the channel clear for 2BY Byrock, Australia. 2YC is always one of the best DU signals. (Woman)
- 670 VENEZUELA 0147 8/4 Caracas YVLL xint w/fast SS mx, Rumbas ID; way o/Cuba (not a trace of WRAQ). (Connely)
- 675t AUSTRALIA 1237 8/15 200 Albury faintly audible under 3YA. (Woman)
- 675c NEW ZEALAND 3Y4 Christchurch 1236 8/15 fair with "Never My Love" //75b NZ. (Woman)
- 680 PUERTO RICO San Juan WAPA 0230 8/20 LA pop mx, call letter ID, xint. (Hakiel)
- 690 CUBA 0144 8/4 men and women in SS //670. Loud, dominant. (Connely)
- 690 HAWAII KXVA Honolulu 8/12 1144 weather, temps in the 90's, passing snowers etc. KXVA ID at 1147. Only on SW wire, XETna 100% dominant on other wires. (Woman)
- 700 COLOMBIA 0300 8/4 Cali HJXC barely atop mess: Colombian team sports event //810. (Connely)
- 702 AUSTRALIA 214 Sydney 1210 8/13 good jazz mx //774-891 et al. heard often and always the last DU signal to survive, sometimes as late as 1300. (Woman)
- 720 COLOMBIA Barranquilla HJAN 0127 8/28 lively LA mx, good. (Hakiel)
- 720 VENEZUELA/CUBA 0354 8/4 Perlemer YV02 w/R. Vision Orinete ID o/u a Cuban w/familiar anthem mx. As usual here on Cape Ced, LA's totally ruled 720 with not a trace of WGN. (Connely)

- 725 SURINAM Paramaribo 0106 bombing in as usual w/Dutch talk and swinging pop mx, xint. (Hakiel) W/EE and SS pop hits, in w/huge signal, stopping onto 720 and 730. (Connolly)
- 730 COLOMBIA 0247 8/4 HJCV Bogota stop mess w/several mentions of Bogota. (Connolly)
- 735 ECUADOR Quito HCJB 0302 8/16 SS love songs, pop mx, R. Melodie ID, fair. (Hakiel)
- 738t AUSTRALIA 2NR Grafton 8/15 faint, better at 1229 but couldn't find a // before they faded down. (Moman)
- 738 TAHITI R. Tahiti 8/14 poor with PF talk, island music //15170-11825-9750-6135. 0820 pop mx, mx past 0900, long pause and anthem, off by 0905. (Moman)
- 740 VENEZUELA Maracaibo YVNC 0554 8/29 LA tunes, R. Maracaibo ID, good. (Hakiel)
- 747t AUSTRALIA 4QS Toowoomba 8/13 poor, man with religious talks, similar to 1548. Also in 8/14 1235 faintly. (Moman)
- 750 NICARAGUA R. Sandino 8/14 0837 heard SS under Talknot pgm, switched beverages and caught clear R. Sandino ID. (Moman)
- 756 NEW ZEALAND 1YA Auckland 8/12 good light cl mx, woman announcer with TC for 21 past 1 at 1221 (which is incorrect, NZ=UTC+12 isn't it), someone (Aussie) weak underneath. (Moman)
- 760 COLOMBIA 0309 8/4 B'rrenquilla HJAJ heard w/some game ss noted on 700. (Connolly)
- 760 HAWAII KGU Honolulu 8/14 ads for California fruit growers, promo for new talk program with Annette Martin on "KGU-the talk of Hawaii". (Moman)
- 763 UNID 0350 8/11 LA mx, SS talk poor-fair. (Hakiel) It's them alright-CH
- 765 SENEGAL Dakar 2333 8/24 AA talk, fair. (Hakiel) I'd like to go to an AA fair some day. Must be a lot like our county fairs, hi-CH
- 765 SENEGAL Dakar good w/native vocals, drums, guitars, men in vernacular on 9/4 2324-2330 and again 2318-2353. (DeLorenzo)
- 774 AUSTRALIA 3LO Melbourne 8/12 lite mx //6150 SW. (Moman)
- 780 COLOMBIA Riohacha HJZW 0221 8/28 soft ballad mx, woman with R. Almirante ID, good. (Hakiel) Sure was good to get an ID...CH
- 780 VENEZUELA San Cristobal, YVOD 0103 8/27 SS talk, Ecos del Corba ID, good. (Hakiel)
- 810 COLOMBIA 0311 8/4 Bogota HJCY good o/WOY/Bahamas: SS sporting event //700, 760. (Connolly)
- 810 NEW ZEALAND 4YA Dunedin 8/11: 1210 Andy Williams mx (Dave Schmidt's favorite-CH), much KGO talk QRM, //819. (Vernon)
- 819 NEW ZEALAND 1YZ Rotorooter 8/15 faint w/local news and sports not //837 but was likely //756 NZ. "Midnight Report" pgm. At 1229 another signal fading up, likely ZGL Glen Innes. (Moman)
- 820 COLOMBIA 0316 8/4 Cali HJED noted in hodgepodge (o/u Cuba, others) with Cali ads. (Connolly) 0605 8/29 LA mx, LV de Rio Cauca ID, good. (Hakiel)
- 825 ST. KITS 0312 8/4 Basseterre R. Paradise like a local w/preaching. (Connolly) L&C with EE preacher 2346 9/h. (DeLorenzo)
- 828 AUSTRALIA 1208 8/13 3GI Sales very good, man with Australian news, TC for 10 past 10 then into Vectorian local news. Great signal, often giving QRM to KIKI-830, often severe. (Moman)
- 830 ALASKA KASB Long Island 8/4 0857 noted w/s/off with Danny Hanson, however he put another album on while he put the records away. Seems 24 hours on the weekends, local-like signal with 10 kw now. (Vernon)
- 834 BELIZE 0422 8/12 R. Belize rock music, 0500 ID and news in both SS and EE. (Moman) 0318 8/4 weak w/EE talk. (Connolly)
- 837 AUSTRALIA 4RK Rockhampton 8/13 115 (only three digits typed-CH) poor with cl mx // the weaker signal on 857 with ABC Radio 1/2 ID at 1200 and TC for 10 PM Eastern time. QRM from 1YZ/1YK New Zealand. Also 1224 8/14 with both Australia and New Zealand fading in and out. (Moman)
- 840 CUBA 0319 8/4 SS talk about Managua stop WHAS. (Connolly)
- 846t AUSTRALIA 8/15 1208 2CY poor with faint talk, looked for ABC-2 // but none audible. Was not // 1044 etc. therefore likely 2CY. (Moman)
- 846 KIRIBATI 73K1 Tarawa 8/1 0821 noted w/native singers and guitar, fair signal, good carrier. (Vernon)
- 850 COLOMBIA Bogota HJXC 0210 8/20 SS talk, ID, good. (Hakiel)
- 855 AUSTRALIA 4QB/4QO 1204 8/15 weak, woman with news //837 and other ABC-3 stations. (Moman)
- 855 SPAIN 0456 8/2 Murcia poor to fair w/SS talk. (Connolly)

That's all-better cut it at two pages as it's 11:15 so see you next time....

TOP END

1600-1800 KHZ RANGE TIMES ARE GMT

CRAIG HEALY
66 COVE STREET
PAWTUCKET, RI 02861

.So begins another season of DX fun and games. Hope the ionosphere is working better this year. If not, I'm going to look into replacing it with a satellite.....

•A few loggings:

- 1610 WA Mt. Rainier Nat'l Park 0452 8/12 TIS much QRM, like a GY channel "Mt. Rainier Nat'l Park ID by M heard, though. (Moman)
- 1613 GUATEMALA Rabinal 0311 8/12 RAB beacon, poor. (Moman)
Ditto 0423 8/22 fair/poor (Healy)
- 1613 ??? 1304 8/13 5U12 beacon, long pauses and irregular spacing. Poor. (Moman)
- 1615 NEW ZEALAND Ohura 1017 8/12 ORT beacon fair. Quickly becoming a regular here. (Moman)
- 1616 ??? 1105 8/13 5M360 beacon poor under OR. Possibly another, too. (Moman)
- 1620 CANADA Vancouver 0439 8/12 Mix of CJVB-1470 and CHQM-132D. This is two times 1470 minus 1320 equals 1620. Pgm was Chinese lang talk (CJVB) and some classical mx (CHQM). Quite faint. At 500 ml. It's not my revr! (Moman)
- 1637 ??? 1051 8/13 R235, K321, ???89 beacons, and numerous others. All very weak and tough to get complete ID. Early AM only. More near 1624. Who? (Moman)
- 1642 ??? 0239-40-41 etc. 8/15 KA83338 beacon. Also 0354 8/31. Good. (Healy)
- 1672 ??? 0436 8/12 Lots of cordless phones. Like a GY channel. At 175 miles from any large city, must be skywave-perhaps even USA. AU poor. (Moman)
- 1685 COLOMBIA Mercedes 0417 8/22 MER beacon fair. (Healy)
- 1689 PAPUA NEW GUINEA Mt. Hagen 1013 8/12 MH beacon. Hard to tell if last letter is a 5 or an H. Poor, tentative. Anyone know the power of this one? (Moman)
- 1692 AUSTRALIA Sydney 0955 8/12 VL2UV Tentative. Traces of BE audio at 0955, faded before any ID at 1800. Hets here subsequent nights but no audio. Signal better when first heard in May at Seven Mile Flats. 500 watts. (Moman)
- 1720 ??? 1310 8/13 Good het, faint audio, nothing readable. Poor. (Moman)

•Courtesy of John Clements, an update to the "Top End" of the Beacon Guide.

ADDITIONS OR CHANGES

1615	NZ	PNG	Mndzab
1623	QNY	PNG	Gurney
1625	PAT	ECU	Pastaza (ex 1655)
1626	Y2	CAN	Yellowknife, NWT
1627	SAC	BRAZ	Carlos
1650	SOT	BRAZ	Reyes (ex RY-1550)
1660	SNG	BOL	San Ignacio de Velasco (ex 1710)
1662	KUB	PNG	Kubuna (ex 238-1728-XB)
1665	LAG	ECU	Lago Agrio (ex 1730)
1655	RIO	ECU	Riobamba
1668	CCI	BRAZ	Cucui (ex 168D)
1670	FU	NZ	Flatbush (ex 358)
1689	MH	PNG	Mount Hagen (ex 257-1737)
1692	KIU	PNG	Kiunga (ex 227-1710)
1700	MAS	ECU	Macas
1715	IS	BRAZ	Jaguarí
1715	PP	BRAZ	Carapini

DELETIONS

1623	PP	BRAZ	Trompetes (now PTT-205)
1625	PP	BRAZ	Tupajes (now PP-390)
1650	IUB	COL	Quibdo-El Carano (now IUB-250)
1677	LAS	BRAZ	Salto Santiago (now LAS-265)
1690	MDR	COL	Medellin (now MDR-352)
1735	LAT	ECU	Latacunga (now LAT-260)
1745	PSO	COL	Pasto-Antonio Narino (now PSO-264)

Logging credits:

Don Moman-175 ml. SW of Edmonton ICOM R70, TS430S, Lots of beverages.....
Craig Healy-Home Drake R7A, 125' LW

Don had a couple of other loggings above our normal range. One was a "OEU" beacon on 1850 kHz. This is probably one of the Cuban beacons the ARRL is upset about. If Castro moves them, he may put them in the 1600-1800 area. Keep an ear tuned for any newcomers. The other logging was "IAEJK" beacon which is probably negative keying of the seventh harmonic of CQI-274 in Council Bluffs, Idaho. Occasionally reported.

A new word processor is in use here. Any comments, good, bad or indifferent? Quite a handy device! It lets me compose and correct the column during the whole month, rather than a long session at deadline time. It also lets me send HQ an original, rather than a Xerox of the original. It should reproduce into the bulletin more clearly. 'Til later.



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CONTESTS

ROBERT KRAMER
6416 N. RICHMOND
CHICAGO, IL 60645

This year's contest was designed for use in the Chicago area. Because of its dependence on state loggings certain areas of the country are at a great disadvantage. As a result, I created handicaps for those areas. Unfortunately, I failed to give a big enough handicap to all of the areas in question. Thus, in the interest of giving all entrants an equal chance, I have revised them.

WEST COAST

- This handicap applies to all DXers in the Mountain & Pacific time zones.
1. Deduct 6 states from the requirements to proceed to level 2. This means that you only have to hear 36 states & 5 provinces to progress to level 2.
 2. Deduct 8 states and 2 provinces from the requirements to reach level 3 or higher. This means that in order to get to the 3rd tier of states, the west coast people only need to hear 36 states & 5 provinces & 2 stations from 32 states & 2 stations from 3 provinces. The 8 states & 2 provinces applies to both the initial number of states needed and the multiple station requirements from each state & province.

EAST COAST

- This handicap applies to the same geographic area as stated in the original rules
1. Deduct 2 states from the requirements needed to reach level 2 (meaning you need to hear 38 states)
 2. Deduct 4 states from the requirements to reach level 3 or higher. This means that you would need to hear 40 states & 2 stations from 36 states to reach level 3. The handicap applies to both original state loggings & the number of states that multiple station loggings are required.
 3. There is no change in the requirements for provinces.

SOUTH

1. Deduct 5 states from the requirements to reach level 2 (meaning you need to hear 35 states).
2. Deduct 1 province from the requirements to reach level 2 (meaning that only 4 provinces are needed)
3. Deduct 5 states & 2 provinces from the requirements after level 2. Thus, to get to the 3rd level, you would need to hear 39 states & 4 provinces, plus 2 stations from 35 states and 3 provinces. This handicap applies to both the initial number of states required and the multiple station requirements.

All multipliers in the rules remain the same. DXers in Texas and Arkansas will be given individual handicaps based on what part of those states they reside. All entrants have been notified by mail of the change in their requirements. If any other changes are needed, please let me know. Hopefully now that the bugs are out of it this contest will work as well nationwide as it did in its 2 years of use in the Chicago Area DXers Club.

181st Friday, September 2, 1953

KPRE DENIED RELIEF

Harris AM Stereo Silence Could Last Three Months

FCC officials say it could take from 60 to 90 days for Harris Corp. to get a new type acceptance allowing nearly 70 stations to resume use of its AM stereo exciter, which was ordered off the air by September 1.

There was more bad news for Harris AM stereo stations this week when the FCC said it won't grant Special Temporary Authority (STAs) for them to continue stereo broadcasts until the problem is resolved. The first station to seek such an STA, KPRE/Paris, TX, was notified by telegram Tuesday (8-30) that its request has been rejected.

However, engineer Henry Steuble of the FCC AM Branch said "it wouldn't hurt" for other stations to file for STAs. They can't be granted right away, but he said the FCC may be able to approve them sometime after lab testing of the Harris system has begun, but before a new type acceptance is granted.

Christmas Rush Creates Logjam
The new Harris application wasn't even locked at for 30 days because the FCC lab is currently jammed with a rush of consumer products awaiting type acceptance for the Christmas season.

There's also talk in FCC corridors of a stiff fine for Harris. "We've definitely got to do something," engineer John Reed said. He suggested a fine in the \$25,000 range might be proposed to the full Commission. But Bob Enger of the Office of Science and Technology said no decision on a fine has been reached.

No Distortion At KPRE

At KPRE, President/GM Eugene Suduth told HALL, "We were one of the earliest stations to go stereo and we've promoted it very heavily. We've been very happy. The sound has been excellent and we've had no complaints of any kind from mono listeners about distortion. Nobody can hear any distortion, including our competitor, who we asked."

Until directly ordered by the FCC, Suduth said he won't shut the system down.

Turning it off in the absence of audible distortion is "cutting off our nose to spite Harris's face," he contends. "We're not hurting anybody. We're helping the public."

Test Tone Vs. Programming

The Harris system met all standards for low distortion on mono receivers when tested with a pure tone. But FCC lab officials claim they were unaware that when the tone is replaced with programming, the system automatically switches to a different mode that can lead to much higher distortion.

Commission engineer John Helser says that, in its new type acceptance application, Harris hasn't proposed to change its system, presumably because changes could impair the quality of Harris reception on Sony and Sansui AM stereo receivers now hitting the market.

Instead, Harris wants the FCC to change the way it measures distortion by using an averaging method that would permit its present system to win type acceptance. Helser said that request places "a heavy, heavy burden on Harris" to prove the technique is valid and is fair to other AM stereo proponents.

BANDSCAN

ERIC BUENEMAN
836 LAMPLIGHT LANE
HAZELWOOD, MO 63042
(314)-895-1436
(1700 TO 2400 ELT)

First scan: MARK SCHLESINGER, Clute, TX (please list equipment) (daytime)

550	KTSA-TX	820	WBAP-TX	1070	#KRBE-TX	1350	KCOB-TX	1600	KOGT-TX
560	KLVI-TX	850	KEXH-TX	1080	KRLD-TX	1360	KBYK-TX		
590	XEPH-MX	860	KONO-TX	1090	WLSG-LA	1390	KULP-TX		
610	KILA-TX	870	WML-LA	1110	KTEK-TX	1400	KILE-TX		
630	KMAC-TX	900	KIKR-TX	1130	KWKH-LA	1420	KELM-TX		
650	KIKK-TX	910	KRIO-TX	1170	KVOC-OK	1430	KCOH-TX		
660	XERFM-MX	920	KTSJ-TX	1190	KLIF-TX	1450	KAYC-TX		
680	KXYX-TX	940	XEQ-MX	1200	WDAI-TX	1460	KBRZ-TX		
690	Cuba	950	KPHC-TX	1230	KNUZ-TX	1480	KLVI-TX		
710	KURV-TX	960	KBOE-LA	1250	KTXC-TX	1500	KANI-TX		
720	*KBRZ-TX	980	KFRD-TX	1270	KIOX-TX	1520	KOMA-OK		
730	KEX-MX	990	KALO-TX	1290	KJEF-LA	1530	KUBI-TX		
740	KTHH-TX	1010	KLAT-TX	1300	KVBT-TX	1540	KOBC-TX		
790	KKBQ-TX	1050	XEQ-MX	1310	KAAM-TX	1580	KWED-TX		
800	XEROK-MX	1060	KEEP-MX	1320	KXYZ-TX	1590	KYOK-TX		

(NOTE:
* harmonic
ex-KRNR
ex-KLUF)

Next Scan: MARK SCHLESINGER, Clute, TX (please list equipment) (nighttime)

540	XEMA-MX	740	KTRH-TX	990	KALO-TX	1250	KTXC-TX	1540	KBGC-TX
550	KTSA-TX	750	WSB-GA	1010	KLAT-TX	1260	KGBX-MO	1580	KRZI-TX
560	KLVI-TX		Nicaragua	1020	KDKA-PA	1270	KIOX-TX	1590	KYOK-TX
570	WFAA-TX	780	WBEM-IL	1050	XEQ-MX	1300	KBBJ-OK	1600	KOGT-TX
580	WIBW-MX	790	KKBQ-TX	1040	WHO-IA	1310	KAAM-TX		
590	XEPH-MX	800	XEROK-MX	1050	XEQ-MX	1320	KXYZ-TX		
	WPLQ-GA	810	KCMO-MO	1060	KEEP-MX	1340	KOLE-TX		
	WOW-NE	820	WBAP-TX	1070	KRBE-TX	1350	KOOR-TX		
600	Cuba	830	WCCO-MN	1080	KRLD-TX		WSMB-LA		
610	KILT-TX	840	WHAS-KY	1100	WHWE-OK	1370	KFRG-TX		
630	KMAC-TX	850	KOA-CO	1120	KMOX-MO	1400	KILE-TX		
640	Guatemala	860	KONO-TX	1130	KWKH-LA	1410	WUNI-AL		
650	WCH-TX	870	WML-LA	1150	WJBO-LA	1420	KLNX-TX		
660	XERFM-MX	890	WLS-IL	970	WAVG-KY	1430	KELI-OK		
670	WMAQ-IL	900	XEQ-MX	(out of order)	1450	KAYC-TX			
680	KXYX-TX	910	KRIO-TX	1160	KBL-UT	1480	KLVL-TX		
690	Cuba		KLEN-TX	1170	KVOC-OK	1500	KANI-TX		
700	WLV-OK	920	KTSJ-TX	1190	KLIF-TX	1510	WLAC-TN		
720	WON-IL	950	XEQ-MX	1200	WDAI-TX	1520	KOMA-OK		
730	XEX-MX	960	WERC-AL	1220	XEB-MX	1530	KGBT-TX		
				1230	KNUZ-TX		WCKY-OK		

Next Scan: ED HOFFMAN, Burlington, WA (Kenwood R-1000, Sanserino loop) (day)

550	KARI-WA	770	KXA-WA	1090	KING-WA	1350	CKEG-BC	1590	KJLT-WA
560	KPQ-WA	790	KGMI-WA	1130	CKWX-BC	1360	KAMT-WA	1600	KASH-OR
570	KVI-WA	800	CJJC-BC	1150	KSPL-WA	1380	KRKO-WA		
590	KHQ-WA	810	KTBI-?	1170	KPUG-WA	1400	KPHA-?		
600	KUGN-OR	850	KTAC-WA	1190	KEX-OR	1410	CFUN-BC		
610	CJOR-BC		CFVR-BC	1220	CKDA-BC	1430	KBRG-WA		
620	KONA-WA	880	KIXI-WA	1230	KWYZ-WA	1450	KONP-WA		
630	CHNL-BC	900	CJVI-BC	1240	KGY-WA	1460	KOAA-WA		
640	KGW-OR	920	KQEU-WA	1250	KKFX-WA	1470	KAPS-WA		
650	KQDN-WA	930	KBFM-WA	1270	CHWK-BC	1490	CFNB-HG		
680	KOMW-WA	940	CISL-BC	1280	KMAS-WA	1500	CKAY-BC		
690	CBU-BC	950	KJR-WA	1290	KAPY-WA	1520	KYXI-OR		
710	KIRO-WA	980	KMPS-BC	1300	KMPS-WA	1540	KJZZ-WA		
730	CKLG-BC	1000	KOMO-WA	1320	CHQM-BC	1550	KOAT-WA		
750	KXL-OR	1050	KBLE-WA	1340	KAGT-WA	1570	CHUB-BC		

Ed also notes that summer is an excellent time to do day and night scans because the static level makes it easier to see what is a regular logging. It makes it easier to separate regulars from DX come winter DX season.

Next Scan: BILL SHAFER, Toledo, OH (Nema-Clarke Field Strength Meter) (day)

540	CBER-ON	730	WJYM-OK	950	WVJ-MI	1130	WCXI-MI	1340	WNCQ-OK
550	WKRC-OK	740	CEL-ON	960	WVST-OK	1140	WCLW-OK	1370	WSPD-OK
560	WHND-MI	760	WJR-MI	970	WKIM-MI	1150	WEMA-OK	1390	WGWX-MI
570	WKEN-OK	780	WBHM-IL		WFUN-OK	1160	WJJD-IL	1400	WJSH-MI
580	CKWM-ON	800	CKLW-ON	980	WONE-ON	1170	WVLA-WV	1410	WING-OK
590	WKZO-MI	820	WAIT-IL		CFPL-ON	1190	WOWO-IN	1420	WKK-OK
600	WTAC-MI		WOSU-OK	1000	WCFL-IL	1210	WKNX-MI	1430	WFOB-OK
610	CKTB-OK	840	WHAS-KY	1010	CFRS-ON	1230	WCNA-OK	1440	WCHB-MI
	WTVH-OK	850	WVJ-OK	1020	KDKA-PA	1250	WGL-IN	1450	WLEC-OK
	WDMJ-WI	860	CJBC-ON	1030	WBZ-MA	1260	WBSG-OK	1470	WCHO-OK
	CFCO-ON	880	WRFD-OK	1050	WRAP-MI	1270	WXLZ-MI	1490	WAGU-MI
	WHLO-OK	890	WLS-IL	1060	WQOI-OK	1280	WONW-OK	1500	WLVV-MI
	WMAQ-IL	900	WFRG-OK	1070	WIBC-IN	1290	WNRB-MI	1520	WVCI-OK
	CFTR-ON	910	WFDF-MI	1080	WVVR-OK	1300	WERS-OK	1540	WBCO-OK
	WLV-OK	920	WMMI-OK	1090	WCAE-MI	1310	WHIC-MI	1560	WTOH-OK
	CHYR-ON	930	WEDL-OK	1100	WVWE-OK	1320	WILS-MI	1590	WAKR-OK
	WON-IL	940	WCIT-OK	1110	WUNN-MI	1330	WFLN-OK	1600	WAMM-MI

Next Scan: BILL HALE, on DXpedition to Janesville, WI (G2 Superadio) (day)

540	WYLO-WI	810	WDMP-WI	1050	WLIP-WI	1290	WLEZ-WI	1460	WWSG-WI
550	KSD-MO	820	WAIT-IL	1070	WTBO-WI	1310	WIBA-WI	1470	WBYV-WI
560	WIND-IL	850	WIVS-IL	1090	WISS-WI	1330	WATA-IL	1480	WISM-WI
580	WILL-IL	860	WNOV-WI	1110	WMHI-IL	1340	WJOL-IL	1490	WGEZ-WI
590	WKZO-MI	890	WLS-IL	1130	WISN-WI		WMEK-WI	1510	WALK-WI
600	WNT-IA	900	WNNQ-WI	1150	WKKM-IL	1350	WPRR-WI	1520	WLVU-IL
620	WDMJ-WI	920	WOKY-WI	1160	WJJD-IL	1360	WLEK-IL	1530	WJDC-IL
640	WOI-IA	930	WLBL-WI	1170	WLBH-IL	1380	WBEL-IL	1540	WTKM-WI
670	WMAQ-IL	940	WFAW-WI	1190	WOWO-IN	1400	WRJH-WI	1550	WAIK-WI
690	WOKK-WI	950	WJGJ-IL	1210	WILY-IL	1410	WRMN-IL	1560	WSEH-IL
720	WGN-IL	970	WHA-WI	1220	WKRK-IL	1420	WOO-IA	1570	WFRJ-WI
740	WRFQ-WI	1000	WCFL-IL	1230	WGLU-WI	1430	WBEV-WI	1580	WTTM-WI
760	WJR-MI	1020	WFEO-IL	1250	WEMP-WI	1440	WHCK-IL	1600	WBCW-IL
780	WBHM-IL	1040	WHO-IA	1260	WEKZ-WI	1450	KFIZ-WI		

Next Scan: BILL HALE, on DXpedition near Lyndon Station, WI (same eqipt.) (day)

540	KWMT-IA	770	KUOM-MN	940	WFAW-WI	1160	WJJD-IL	1400	WRDU-WI
	WYLO-WI	780	WBEM-IL	950	KOEL-IA	1170	WGAZ-WI	1410	WJCH-WI
550	WBAU-WI	790	WEAQ-WI	960	WTCH-WI	1190	WBRU-WI	1430	WBEV-WI
560	WIND-IL	800	WDXJ-WI	970	WHA-WI	1230	WGLU-WI	1450	WRCO-WI
570	WMMN-WI	810	WDMP-WI	980	WPRE-WI	1240	WMBW-WI	1460	WTKB-WI
580	WMTY-WI	820	WAIT-IL	1000	WCFL-IL	1250	WBHP-WI	1490	WJGH-WI
600	WMT-IA	830	WCCO-MN	1010	WXYJ-WI	1270	WRJG-WI	1510	WAUK-WI
620	WDMJ-WI	850	WIVS-IL	1040	WHO-IA	1290	WBDN-WI	1520	KOLM-MN
640	WOI-IA	860	WNOV-WI	1050	WGLI-WI	1310	WISA-WI	1540	ZABL-IA
670	WMAQ-IL	890	WLS-IL	1070	WTSO-WI	1320	WFRH-WI	1550	WHIT-WI
690	WOKK-WI	900	WHND-WI	1090	WISS-WI	1350	WPRR-WI	1570	WFRJ-IL
720	WGN-IL	920	KDHL-MN	1110	WHBI-IL	1360	WGEZ-WI	1580	WTTM-WI
730	WMT-WI	930	WISN-WI	1130	WNSN-WI	1370	WNEB-WI	1590	WBNW-WI
740	WRFQ-WI	940	WLEL-WI	1150	WAYY-WI	1370	WOCN-WI	1600	WQWC-WI

Next Scan: TIM BRAUN, Falls Church, VA (Realistic DX-100, car radio) (daytime)

540	WDMV-MD	800	WCHA-PA	1020	KDKA-PA	1240	WJEJ-MD	1370	WZYQ-MD
550	WBYA-VA	810	WYRE-MD	1030	WBZ-MA		WCEM-MD		WKIK-MD
560	WFRB-MD	840	WHAS-KY	1050	WGAY-MD	1250	WFRZ-VA	1390	WEAM-VA
	WDMU-VA	850	WRAP-VA	1060	KYW-PA	1260	WIND-DC	1410	WGGM-VA
570	WQMS-MD	860	WAYE-MD	1070	WINA-PA	1270	WCHD-MD	1420	WACN-VA
580	WQHS-WV	870	WFLO-VA	1080	WKEP-PA	1280	WVVR-PA	1430	WMAV-MD
	WHP-PA	880	WGBS-WY	1090	WBAL-MD	1290	WAGE-VA	1440	WVBE-VA
600	WCAO-MD	890	WLS-IL	1100	WVME-OK	1300	WBEH-MD	1450	WOL-DC
610	WVAI-VA	900	WLND-MD	1110	WBT-MG	1310	WELL-VA	1460	WFRW-WA
630	WHAL-DC	910	WRNL-VA	1120	WUST-DC	1320	WELT-VA	1490	WQVA-VA
650	WGM-TN	920	WPTK-MD	1140	WRVA-VA	1330	WRAA-VA	1500	WTOP-DC
660	WNSC-NY	930	WFMD-MD	1150	WJOK-MD		WESH-VA	1520	WTRI-MD
680	WCEM-MD	940	WQEM-VA		WNLB-VA		WNLB-VA	1530	WFCU-VA
690	WNTT-VA	950	WCTN-MD	1160	WJJD-IL	1340	WYCE-DC	1540	WINDO-MD
700	WLV-OK		WAGI-VA	1170	WVVA-WV	1350	WFLS-VA	1550	WXVA-VA
710	WOR-NY	980	WRC-DC	1190	WANN-MD		WBLT-VA	1560	WATR-MD
730	#WPKX-VA	990	WANZ-VA	1210	WCAU-PA		WRTS-VA	1570	WZOW-MD
750	WEMD-MD	1000	WRAR-VA	1220	WEAX-VA	1360	WBBB-MD	1580	WFGC-MD
780	WABS-VA	1010	WYST-MD	1230	WTH-MD		WBBG-VA	1590	WCBQ-PA
								1600	WJHX-MD

(NOTE: # DX-WRMR.)

WCLO

KYW NEWS RADIO 1060

540	WDMV-MD	900	WJWL-DE	1210	WCAU-PA	1400	WWIN-MD	1600	WLEN-DE
	WLIX-NY	910	WGBA-PA	1220	WFAX-VA		WOND-NJ		WFLC-PA
550	WAVA-VA		WGBI-PA	1230	WCMC-NJ	1410	WDOV-DE		
	WHLN-PA	920	WTFM-NJ		WITR-MD	1420	WCOJ-PA		
560	WFL-PA	930	WXUS-DE	1240	WSNJ-NJ		WNOV-VA		
	WFRB-MD		WFMD-MD		WJHM-PA	1430	WNAV-MD		
570	WPCA-NY		WPAT-NJ		WCEM-MD		WNJR-NJ		
	WQMS-MD	940	WVLV-PA	1250	WNCM-PA	1440	WNPV-PA		
580	WHP-PA		WVGM-VA		WMTA-NJ		WPCB-PA		
590	WARM-PA	950	WVEN-PA	1260	WNRB-DE		WHEX-NJ		
600	WCAO-MD	960	WBYL-PA		WBUJ-NJ	1450	WLLM-DE		
	WIOC-CT		WBBY-MD	1270	WVIL-NJ		*WLIH-NJ		
610	WIP-PA	970	WAMD-MD		WLER-PA		*WOL-DC		
620	WVWJ-NJ		WWDJ-NJ		WTVZ-VA	1460	WOMB-PA		
	WHJB-PA	980	WRCG-DC	1280	WVVR-PA		WGEI-MD		
630	WHAL-DC		WILK-PA		WSAN-PA	1470	WSDN-PA		
	WZJL-PA	990	WZZD-PA		WADQ-NY		WJDX-MD		
660	WNBC-NY	1000	WIOC-PA	1290	WJRH-DE	1480	WDAS-PA		
680	WGBM-MD		WRLR-VA		*WJIN-PA	1490	WBSH-PA		
690	WYIS-PA	1010	WYST-PA		*WGLI-NY		WBSB-NJ		
	WVNT-VA		WINS-NY	1300	WVBR-MD		WLEA-PA		
710	WDR-NY	1020	KDKA-PA		WIMG-NJ		WTOP-DC		
730	WPKC-VA	1030	WZZZ-VA	1310	WSSJ-NJ	1500	WJIC-NJ		
	WPKK-PA	1050	WHN-NY		WGH-VA	1510	WJAN-NJ		
740	WVCH-PA		WQAY-MD		WGBA-PA		WRAN-NJ		
750	WEMD-MD		WCHS-VA	1320	WKAP-PA	1520	WOLE-PA		
770	WABC-NY	1060	KYW-PA		WGET-PA		WHRF-MD		
780	WABS-VA	1070	WKOK-PA		WIOC-MD		WJHO-NJ		
790	WTAZ-VA		WKHB-NJ	1330	WASA-MD	1530	WCTR-MD		
	WAEZ-PA	1080	WTIO-CT		WESH-VA		WMBT-PA		
800	WVTR-NJ	1090	WBAL-MD	1340	WHT-PA	1540	WSCI-PA		
	WJHA-PA	1100	WOPA-PA		WMID-NJ		WMDQ-MD		
810	WYRE-MD		WHLI-NY	1350	WNAW-PA	1550	WSEN-MD		
	WGY-NY	1110	WVAR-PA		WQYK-PA		WVAH-VA		
830	WNYO-NY		WZAP-VA		WNIS-VA	1560	WQAN-NY		
840	WVPO-PA	1120	WUST-DC		WVWH-NJ		WXTA-MD		
850	WEEU-PA	1130	WNEB-NY	1360	WVWZ-NJ	1570	WTON-MD		
	WRAP-VA	1150	WDEL-DE		WVBB-MD		WBUA-PA		
860	WTEL-PA	1170	WFRW-NJ	1370	WPAZ-PA	1580	WVYD-NJ		
	WAZE-MD		WOBM-NJ	1380	WAMS-DE		WVPG-MD		
880	WGBS-NY	1190	WANN-MD	1390	WLAN-PA	1590	WVLA-PA		
900	WFLN-PA		WLIB-NY		WEAM-VA		WVBC-PA		

El editor strikes again! Scan taken in San Diego, CA using a Realistic CB-60.

570	KLAC-CA/KLAC-CA	910	KMJC-CA/KMJC-CA	1240	KSON-CA/KSON-CA
600	KOGO-CA/KOGO-CA	930	-/KHT-CA	1270	KEMN-MX/-
640	KFI-CA/KFI-CA	950	XEGM-MX/XEGM-MX	1280	KFRN-CA/KFRN-CA
690	XETRA-MX/XETRA-MX	980	KFWB-CA/KFWB-CA	1320	KUDE-CA/KUDE-CA
710	KMPC-CA/KMPC-CA	1000	KHLO-CA/KHLO-CA	1360	KORN-CA/KORN-CA
740	KERT-CA/KERT-CA	1070	KMX-CA/KMX-CA	1390	KGER-CA/KGER-CA
760	KFMB-CA/KFMB-CA	1090	XEPRS-MX/XEPRS-MX	1420	XEXX-MX/XEXX-MX
780	-/KROW-NV	1110	KRLA-CA/KRLA-CA	1470	XEBBC-MX/XEBBC-MX
790	KABC-CA/KABC-CA	1130	KSDQ-CA/KSDQ-CA	1480	KWIL-CA/KWIL-CA
810	-/KGO-CA	1170	KCBQ-CA/KCBQ-CA	1510	KNSB-CA/KNSB-CA
860	XEMO-MX/XEMO-MX	1190	KNWZ-CA/KNWZ-CA	1530	-/KFBK-CA
1540	KZLA-CA/KZLA-CA	1570	KDAY-CA/-	1580	KDAY-CA/KDAY-CA

NOTE: day/night

To those sending in scans: PLEASE LIST YOUR EQUIPMENT! List the equipment you are using so as to prove you made a scan of your area. Until next time....

KKJO AM 15.5
KWIX
 MOBERLY, MISSOURI 65270

KALM
 Information Radio
1290
 INFO RADIO 1290
 1000 WATTS

Best of DX and 73's,
Eric Bueneman
 Eric Bueneman-KDXBTL

KTTT
 AM/FM

Dope, I made a typo! I forgot to include a night scan from TIM BRAUM of Falls Church, VA using a Realistic DX-100 and a car radio.

540	CJ5B-ON	770	WABC-NY	970	WTRN-PA	1190	WOWO-IN	1390	WEAM-VA
550	WDR-NY	780	WBBM-IL	980	WRC-DC	1200	WCAI-TX	1410	KQV-PA
560	WFIL-PA	790	WTAZ-VA	1000	WCFL-IL	1210	WCAU-PA	1420	WFOE-CT
570	WQMB-MD	800	CKLN-ON	1010	WINS-NY	1220	WGAR-ON	1420	WKK-CH
580	WCHS-WV		FJB-N.A.		CFRB-ON	1230	WVAL-NY	1420	WGDJ-PA
	WHP-PA	810	WGY-NY	1020	KDKA-PA		WNOB-VA	1430	WDEB-NC
600	Cuba	820	WBAF-TX	1030	WBBZ-MA	1240	WONC-NC	1440	WROC-CH
	WCAO-MD	830	WQOV-MM	1040	WHO-IA	1250	WTAZ-PA	1450	WDL-DC
610	NVAI-VA	840	WHAS-KY	1050	WHN-NY	1260	WVBC-MD	1460	WFRN-VA
620	WHJB-PA	850	WKIX-NC		CHUM-ON	1270	WOCB-DC	1470	WBAK-PA
630	WMLL-DC		WJAG-PA		CFYN-ON		WLBK-PA		WBIQ-NC
640	WHLQ-OH		WRAP-PA	1060	KYW-PA	1280	WVHR-PA		CHOW-CN
650	WSM-TN	860	CJBC-ON	1070	WIBC-IN		WADO-NY	1480	WHBC-CH
660	WNBC-NY	870	WML-LA		CHOK-ON	1290	WHIO-CH	1500	WTOR-DC
670	WMAQ-IL	880	WOBK-NY	1080	WTIC-CT		WFDQ-PA	1510	WRR-MA
680	WGBM-MD	890	WLS-IL	1090	WBAL-MD		CJHK-CA		WLAG-TN
	WFTF-NC	900	CHML-ON	1100	WVWC-OH	1300	WFRB-MD	1520	WKKW-NY
690	Cuba	910	WRNL-VA	1110	WBT-NC	1310	WEEI-VA	1530	WBBY-OH
	CBFM-FQ		CKLY-ON	1120	KHOX-MO	1320	WJAS-PA	1540	KXEL-LA
700	WLV-OH	920	WMMN-WV	1130	WNEB-NY	1330	WPHC-SC	1550	CHS-CN
710	WCR-NY		CKXN-ON	1140	WRVA-VA	1340	WYCB-DC	1560	WQXN-NY
720	WON-IL	930	WEMD-MD	1150	WJOK-MD	1350	WALB-OH	1570	CFOR-ON
730	CHYR7-ON		WBBN-NY		CKCC-ON	1360	WSAI-OH		CHLO-CA
740	CEL-ON	940	CBM-FQ	1160	WJJD-IL		WLXZ-PA	1580	CBJ-PK
750	WBB-CA	950	WVEN-PA	1170	WVVA-WV	1370	WRTK-NY	1590	WAKA-CH
760	WJR-MI	960	WFIR-VA	1180	WHAM-NY		WSPD-OH		WJAO-MD

Tim, I hope you weren't disappointed. I need scans from anywhere in the world, all parts of the St. Louis area included. Until next time....

FROM PAGE 18

(RC's article on the ESKA RX 12 PL - continued):
 ESKA, and its earlier mentioned phased locked AMsystem.

The major advantage of the SONY ICF-2001, is according to my opinion the high quality of its loudspeaker, which is specially evident when tuned to local or strong stations.

The RX 12 PL as a portable receiver has one main shortcoming, namely its 12 fixed channels, regardless of the fact that the exchange of crystals and antenna coils is very simple, even for the less technically-minded individuals.

The audio quality of the built-in loudspeaker is very intelligible, although somewhat crapy, with the tone-switch in its "high" position.

However, this receiver - as a portable - has been aimed at and built for SWL & DX applications, e.g. travellers or residents who wish to listen to programmes from their country of origin, giving optimal intelligibility and easy operation.

List prices (excl. value added tax (Danish HOPS)):

The RX 12 PL Dkr 1795.-
 Crystals and coils ... Dkr 80.-/each

Manufacturer: (SKA Elektronik ApS
 Nølltestræde 5, DK-3400 Hillerød
 DENMARK

TECHNICAL SPECIFICATIONS of the ESKA RX 12 PL:

SELECTIVITY
 USB 2.0 kHz at -6dB & 4.0 kHz at -70dB
 LSB 2.0 kHz at -6dB & 4.0 kHz at -70dB
 SKI 2.0 kHz at -6dB & 4.0 kHz at -70dB wide
 SKI 2.0 kHz at -6dB & 4.0 kHz at -70dB narrow

FREQUENCY RANGE
 150 kHz - 30 MHz
 The receiver uses plug-in crystals and antenna coils. For fast frequency changing.

SENSITIVITY
 0.5 uV for 10 dB S/N
 Excellent overload properties.

AGC RANGE
 50dB

AGC TIME CONSTANT (SSD)
 Fast attack/slow release,
 attack 20ms and release 3 sec.

AGC TIME CONSTANT (AM)
 Fast attack/fast release
 attack 20ms and release 0.3 sec.

Best of DX and 73's,
Eric Bueneman
 Eric Bueneman-KDXBTL/MLS 5M0.

CLARIFIER RANGE
 ± 1.5 kHz

FREQUENCY TOLERANCE
 ± 1.0 kHz or less

I.F. FREQUENCY
 Double conversion 10.7 MHz & 455 kHz

LOCK RANGE
 ± 200 Hz in position (N-PLL)

AUDIO OUTPUT
 1 Watt max.

TONE CONTROL
 3 position switch Low-Medium-High.

LOUDSPEAKER DIAMETER
 77 mm (3 inches)

BATTERY LOW INDICATOR
 Red light appears when battery voltage is below 4V

BATTERIES
 4x1.5 V penlight batteries, size AA (UM3) or
 4x1.2 V rechargeable NiCd batteries 500 mAh

POWER CONSUMPTION
 AM: 30 mA, SSB: 40 mA

BATTERY LIFE TIME
 Normal batteries: approx. 30 hours
 Alkaline batteries: approx. 60 hours
 Rechargeable batteries: approx. 15 hours (betw. rech.)

INPUTS (3.5 mm JACK)
 Battery charger & external antenna (50-100 Ohm)
 External VFO via tape recorder output.

OUTPUTS (3.5 mm JACK)
 Tape recorder, telephone/external speaker.

DIMENSIONS
 195 (H) x 105 (B) x 50 (D) mm
 7.6 x 4.1 x 2 inches

HEIGHT 650 g (1.5 lbs)

WARRANTY = 1 year on manufacturer's comments.
 Any questions about this receiver and the interconnection to other receivers will be answered.
 PLEASE WRITE TO ME (and enclose an IRC-coupon).

RAFAEL CALABUIG
 Langbaev 19
 DK-2650 Hvidovre/Copenhagen
 DENMARK
 Phone: +45 1 491067

ESKA RX12PL
12 channel Broadcast Receiver by
USBL/LSU. AM & Stereo/LSU.

by Rafael Calabrig (member no. 557 of the DSCWI).

Part 1 - GENERAL

I have with great interest read the article "The high fidelity future of shortwave and mediumwave AM radio," published in the 1983 World Radio & TV Handbook, written by Lawrence Hage - a regular contributor to the annual test reports of new receiving equipment.

The above-mentioned article revealed very positively the new - also in Denmark - portable receivers from ESKA ELEKTRONIK ApS. Amongst the various models, the most interesting for SW-listeners and DX-ers is the model RX 12 PL, because this set is able to provide AM, LSB & USB reception.

Moreover, the RX 12 PL has the most significant feature: the Phased Locked (PLL) AM detection (see elsewhere in this article).

Consequently, I contacted the factory and obtained one set at my disposal for testing purposes. I put the RX 12 PL in my radio-shack, which consists of a Collins 390A/URR and a Drake TR7 (whose receiving section is similar to the TR model).

By means of a special switch, I could without any trouble connect the same antenna to the 3 receivers. I used a 41.5 m long Window antenna, connected via a 6:1 balun and coaxial cable to the antenna coupler.

For those of you, who did not read the article of LM, I would like to explain that the ESKA RX 12 PL is a fixed frequency receiver for the reception of max. 12 frequencies in the range of 150 kHz - 30 MHz (reception down to 50 kHz is possible, if required). These frequencies are easily set by means of plug-in crystals and coils. This operation can be performed even by the less technically-inclined persons.

The result of this test is as follows:

Dynamic range: The dynamic range of the ESKA RX 12 PL model 35, in my opinion much better than that of the Collins 390A/URR and comparable to the Drake TR7. Overloading did not occur, in spite of the long antenna used during this test. Another test, which I previously made with a Sony CFX-1 receiver, indicated that the dynamic range of the ESKA RX 12 PL is undoubtedly better, than this Sony receiver.

The explanation of this phenomenon is as follows: The RX 12 PL model has no RF amplifier, after the filters, the antenna signal enters directly into a dual-gate MOS-FET mixer, a principle also used in the Drake TR7 and TR7.

Useful sensitivity:

In the SW-range below 15 MHz, the sensitivity of the RX 12 PL seems to be much better than that of the Collins 390A/URR and is comparable to the sensitivity of the Drake TR7. Above 15 MHz, the sensitivity of the RX 12 PL is superior to the TR7, due to the RF gain incorporated in the high frequency range.

Circuit noise: - Comparable to the Collins 390A/URR and more quiet than the TR7. The RX 12 PL uses quartz crystals and this accounts for the freedom from synthesizer noise.

Stability: Much better than that of the TR7 and comparable to the Collins 390A/URR, with switched-on own. The test took place 4 hours after the Collins was switched on.

Sporadic response: - It is impossible to carry out this test, due to the lack of an external VFO in the RX 12 PL.

Skirt selectivity: - The same quality as used in the Collins 390A/URR and Drake TR7, very good for DX-purposes. The RX 12 PL uses high quality ceramic filters (1 filter for AM reception and 2 filters for SSB reception - see technical specifications).

SSB reception: very clear and intelligible.



Top view of receiver



PLL, ECSS reception: (ECSS means Ecalled Carrier Selective Stages) - As I have mentioned in the beginning of this article, the phased locked AM reception is the primary "virtue" of the ESKA receiver. The AM stations are received with a SSB detector, which phase locks on the AM station's carrier. The advantage of this system is that selective fading distortion (which occurs during reflection of radio waves in the ionosphere) is eliminated. The carrier, which disappears for a short while during selective fading, is replaced internally in the receiver.

This can be accomplished by switching the "filter" switch into the AM position and the "mode" switch into the SSB position. Thus the clarifier is used for tuning "zerobeat" to the AM station's carrier, whereafter the "mode" switch is switched into the position PLL. In the PLL mode, USB & LSB can be selected independently. In this way the ECSS-reception can be fully realized. In practice this means that if we for example tune an AM station in the ECSS-mode, with a Drake R7 and manage after a long time to get the voice or the music to sound natural, we will have to retune again and again every 10 minutes.

However, if instead of the Drake R7, the ESKA RX 12 PL is used under the same conditions, using the same sideband in the PLL-position, the "natural" sound of the speech or music will continue all the time, without the necessity of re-tuning.

Part 2 - Important for SWL's

"THE ESKA RX 12 PL CONNECTED TO OTHER RECEIVERS" - After having tested and appreciated the performance of the RX 12 PL receiver, I began to think about a receiver-combination, which would perform as a superb DX-machine, using the advantages of the RX 12 PL. This would be an ideal device both for SWL and DX-ing, wherefore I called the Director of ESKA Elektronik ApS, in order to discuss this problem with him.

We agreed that the most simple solution was to insert a coil and crystal in one of the 12 positions of the RX 12 PL for the reception of the IF (Intermediate Frequency) of any receiver, and connect the IF output of this receiver to the antenna-input of the RX 12 PL. (The sensitivity of the RX 12 PL receiver is reduced for the IF channels to approx. 50 uV for 10dB S/N/H, in order to improve large signal handling capabilities).

In this way, the ESKA RX 12 PL becomes a general coverage receiver.

The following was done:

On the rear of the Collins 390A/URR, there is a Jack for the 455 kHz IF output. Together with the ESKA RX 12 PL, equipped with a crystal for 455 kHz, an interconnection cable between the IF output of the Collins and the antenna input of the ESKA, the Collins 390A/URR will be converted into a superb DX-machine.

This procedure can be accomplished even by the non-technically inclined individuals in the following manner:

1. Disconnect the speaker-unit from the Collins 390.
2. Connect a suitable cable between the IF output of the Collins and the antenna input of the ESKA.
3. Switch the channel selector of the ESKA into the 455 kHz IF position.
4. For improved sound quality, connect the speaker-unit for the Collins (4-8 Ohm) to the earphone output of the ESKA.

This receiver combination performs according to my opinion better than any other actually existing receiver, regardless of its price class. All above-mentioned operations, can obviously be applied to any high stability receiver. Just connect the IF output of a given receiver to the ESKA RX 12 PL, equipped with a crystal corresponding to the IF frequency of that receiver.

For example, the JRC NR0-515 and the Collins R-392 have both 455 kHz IF outputs available, and the earlier described interconnection procedure applies for these two types of receivers as well.

For the Drake R7, which has a 50 kHz IF, the RX 12 PL must be equipped with a corresponding crystal and coil. It will be necessary to make an IF output inside the Drake R7, as this is not readily available.

Part 3. - The ESKA RX 12 PL as a portable receiver with built-in whip antenna. This test took place during the DSCWI DX-meeting at my home near Copenhagen, in April 1983. The ESKA RX 12 PL was compared with the SONY ICF-2001, which we had at our disposal. This test clearly showed the superiority of the RX 12 PL over the SONY ICF-2001, specially for "difficult to catch" stations, which is mainly due to the high quality filters inside the

CONTINUED ON PAGE 17

Listed here are the phone numbers of DXers who want to be contacted by other members who have hot DX tips. The nature of this tip could be a late-breaking CPC Test, a sunset skip pipeline to a certain area, a usually NSP station off the air, a daytimer on late by mistake, for emergency, or testing after midnight, etc. Please call only during the specified calling times, and use the state listing to judge who would benefit most from your tip.

An updated list will be compiled November 1. Get new listings or changes in by then.

All times Eastern Local.

Name	State	Days/times to receive calls	Phone number
Ray Arruda	MA	Seven days 0105	617-998-3958
Ernest Cooper	MA	6 days exc. Wed 01-03, + SSS	617-487-9337
Tony Fitzherbert	CT	SSS	203-336-8959
Paul Mount	NJ	NH	201-836-1137
Joe Fela	NJ	SSS	201-561-1685
Steven Paradies	NJ	SSS	609-825-8212
Joff Kadet	ND	SSS,MM,SM, others to 02	301-654-1876
Bill Coleman	NC	Seven days to 04	919-441-3551
Dave Fox	PA	SSS	215-373-4400
Dave Whatmough	OH	MM,SH	416-527-0383
Jerry Starr	OH	NH	216-534-1394
Frank Morrill	OH	"NSP" anytime	419-866-8589
Ken Romstadt	OH	NH	419-475-3089
Gary Siegel	OH	"Let ring 3 times or less" MM,SH,SSS	419-726-1405
Bob Walker	OH	SSS	513-874-8289
David Reitz	KY	SSS	502-239-8300
Robert Kramer	IL	MM to 03; all nito SM	312-262-6299
Eric Loy	IL	SSS	217-586-3255
Mike Knitter	WI	MM,SM,SSS	608-423-4159
John Rieger	WI	MM	414-476-3652
Stephen Francis	TN	SSS	615-982-3122
Bill Whitacre	TX	MM	214-343-1033
Don Erickson	CA	MM,SM,SSS	714-687-5910
Albert Lobel	CA	MM 0208,SSS	714-484-0604
Mark Strickert	CA	SM; 21000230 other nites	415-752-4245

MM-Honday morning SM-Sunday morning SSS-sunset skip/early evening.

Updates go to Paul Mount 471 Emerson Ave. Teaneck, NJ 07666

KYST 'narrowcasts' all-Beatles format

By Andrew Williams
Associated Press writer

HOUSTON - Radio station KYST-AM played the Beatles' first Big American hit, "I Wanna Hold Your Hand," at 6 a.m. May 9.

Since then, KYST has broadcast only records featuring John, Paul, George and Ringo, to becoming the nation's lone all-Beatles station.

Cat Simon, the station's operations manager, says the idea was born of desperation. Faced with 39 competing stations in a declining AM market, the small 5,600-watt KYST was left with almost no audience.

"We felt that in order to stand out, we had to do something different," Simon says. "Different, but something that would be a viable format. It would be silly to do something to get everybody's attention, and then drop it two weeks later."

Executives at KYST found radio consultant Todd Wallace's idea for "narrowcasting" attractive.

"We're not asking you to listen 24 hours a day," Simon says. "But if you ever want to hear the Beatles, you'll know exactly where to come."

"If you'll listen to us three or four times a day for two or three songs, you'll get your Beatles fix, and we'll get stronger ratings," he adds.

So far, the plan seems to have worked. Birch Radio, a ratings service, reports an increase in the station's audience by mid-summer, and Roy Henderson, the station manager, says his own research found "in excess of 300 percent" more listeners since the switch.

Nostalgia for the Beatles and their music is a powerful draw, the station has discovered.

"A lot of people remember what they were doing the first time they heard this Beatles song or that Beatles song," Simon says. "Because they are emotionally attached to the music, they are emotionally attached to the radio station."

In addition to the music, KYST also profits from surviving Beatlemania with a number of 30-second features which Wallace, who is from Phoenix, incorporated in the format he devised.

One chronicles the history of the group. Another parcels out Beatles trivia (guitar wizard Eric Clapton, not George Harrison, played the lead on "While My Guitar Gently Weeps"). Yet another is a collection of tapes from Beatles concerts all over the world.

Wallace says he came up with the idea for an all-Beatles station in 1976 while looking at a list of 500 songs that members of a survey group named as their favorite "oldies."

"About 200 were Beatles songs," he says. "It began to kick into my mind, 'My gosh, that's a format unto itself.'"

A subsequent study found that 80 percent of the listeners in the target 18-to-44 age group said they would tell a friend about an all-Beatles station soon after hearing of it. Of that group, 60 percent said they would tune in to such a station within a week of hearing about it, and 82 percent said they liked the Beatles.

"The Beatles had strength down to the age of 12," Wallace says. "They had strength all the way up to the age of 49."

For the sake of comparison, Wallace did similar studies on the idea of all-Elvis, all-Rolling Stones, all-Sinatra and all-Boyz stations. No one came close to the Beatles.

Simon says the variety of sounds and the group's continued popularity gives him faith the idea will not burn out.

What's even more assuring, Simon

says, school children listening to Beatles for the first time learn to read.

"The first day I was on the air, I got a call from an 11-year-old girl who said, 'I never knew Paul McCartney was in another group before Wags,'" Simon says.

VIA
DANIELA LEWIS-
TIMMS
T-21-97

PERE
KEMP

EXISTING CONSTRUCTION PERMITS AS OF AUGUST 30, 1983

by Don Kaskey

The following list of Construction Permits include only new stations and proposed changes of frequency. It does not include power or antenna pattern changes with no change of frequency. Some of these permits may be obsolete and others may already have taken the air. If anyone has up-to-date information to this regard, please report it to the club or myself.

Table with columns for call letters, location, frequency, power, and permit number. Includes entries for stations like Sault Ste. Marie, Brentwood, Thibodaux, etc.

Table with columns for call letters, location, frequency, power, and permit number. Includes entries for stations like Palm Springs, Senatobia, Clinton, etc.

Hopefully more of you will take the time to send updated information on recent construction permits to the club or to me for publication as an aid to active DXers. Don Kaskey, 465 Burnett St., Apt. #1., San Francisco CA 94131

CONSTRUCTION PERMIT UPDATE

Recently I've asked a number of DXers around the country to check on the large number of outstanding Construction Permits. Results are as follows, with many thanks to the following DXers: Wally Wawro-Garland TX, Neal Pendergast-Parkville AL, Gerry Thomas-Pennington FL, Tom Connatser-Sevierville TN, Phil Boersma-Spring Lake MI, Wheeler Conover-Manchester KY, Dennis Kibbe-Tempe AZ, Stephen Ponder-Bossier City LA, Mark Tribe-Myrtle Beach SC, David Wurl-Marchfield WI, Bill Nittler-Rawlins WY, Bruce Portzer-Seattle WA, Dan Phillips-Franklin TN & Wayne Heinen-Colorado Springs CO.

660 WTEB TN Brentwood..Not on as of 7/7..(Phillips-TN)
 660 KSDP CA Santa Ynez..Not on as of mid July (West Coast IRCA members)
 660 KUUY WY Cheyenne..Still on 1530 as of mid July but may switch their application from 660 to 870 (Nittler-WY & Heinen-CO)
 660 GPRR AB Calgary..Due on any time per recent bulletin.
 610 KYJO OR Medford..NOW HERE, switching from 1230 this summer(Fortner-WA)
 670 KWWK CA Simi Valley..Not on as of mid-July (WC-IRCA)
 670 KPWA HI Hilo..Still on 970..entangled in application fight.
 680 KVGQ LA Pinoville..Not on as of mid-May (Ponder-LA)
 680 WOGO WI Cornell/Hallie..Not on as of 5/30 (Wurl-WI)
 700 KRKY CO Silt..Not on as of 7/25 (Heinen-CO)
 700 KGRV OR Winston..Not on as of mid-July (WC-IRCA)
 730 KTOX ID Boise..Still on 740 as of July 1st (WC-IRCA)
 740 WAOZ WI Hudson..Not on as of 5/30 (Wurl-WI)
 750 KERR MT Polson..Not on as of mid July..still on 1070 (WC-IRCA)
 750 KPCW UT Park City..Listed in IRCA Almanac as hooked up with AP Ex, has a phone listing, not on in mid-May as checked by Nittler. Nothing noted in July IRCA bulletin..Should be on anytime if not on already, but if on should be heard in West.
 760 KSJL TX San Antonio..Had target date of April 83 but not on as of 5/3..Look for this one soon. (Wawro-TX)
 810 WJXL AL Jacksonville..This one has been dormant for years but noted recent activity in latest NRC bulletin, so who knows maybe it WILL eventually take the air.
 810 KWDA LA Mary..Still on 1400 as of 5/14 (Ponder-LA)
 810 KTHI WA Ephrata..By golly's this WAS a new station not a frequency change..KERRQ switched to KULE and is still on 730..KTHI is religious format and came on in May 83. (Portzer-WA)
 830 KGLR AZ Tucson..Not noted by any WC IRCA members as yet.
 840 KBLC CA Lakeport..Still on 1270 in late July.
 870 KPRK MN Park Rapids..Still on 1270 as of 6/1 (Wurl-WI)
 880 KJJC CA Gonzales..Nothing yet as of mid July (WC-IRCA)
 880 KJJR UT Whitefish..Still on 1400 as of mid July (WC-IRCA)
 890 KDWX MT St. George..Still on 1450 in mid July (WC-IRCA) Is power 1 & 1 or 10 & 10?
 900 WEAQ KY Eddyville..IS ON (Conover-KY)..Noted in Almanac hooked up with Country Crossroads net.
 900 WGSN SC No. Myrtle Beach..IS ON (Tribe-SC)
 910 KHSP CA Hesperia..No word from So. Calif IRCA's that this is on but it will be hard to hear even when it does come on.
 960 WNGR TN Ia Pollette..Not on as of 5/17 (Connatser-TN)
 980 WLPQ KY Pittsburg..Conover hears this station now on 980, switching from 1600 this spring. Don't know what the London KY application to switch here means but phone call to Conover confirmed that WLPQ is definitely on 980.
 1000 KRDE CO Hayden..Definitely on per July IRCA bulletin as reported by John Wilkins in Denver. NoR ex 'K-2 100' ID's..Got calls from Wray CO-1440 who is now KRQZ.
 1000 KJFT TX Odessa..HAS BEEN ON since 10/80. Spanish format, net is Spanish Information Services. (Wawro-TX)
 1010 WBCB KY Wickliffe..Noted in IRCA Almanac as carrying NBC Net. Is very likely on. Also noted a grant to switch to 1100.
 1010 KTLB UT Tooele..Still on 990 as of mid July (Nittler & WC-IRCA)
 1020 KVIQ WA Moses Lake..Still on 1260 as of mid July (WC-IRCA)
 1020 KYXZ WA Selah..Not on as of mid July (WC-IRCA)
 1030 KGUS AZ Florence..No one has reported this one as of mid-July(WC-IRCA)
 1060 WPLE KY Plemingsburg..Have heard unconfirmed rumors this one may be on, but no one in listening area has answered my requests for information.
 1060 KIJN TX Farwell..Still KZOL on 1570 as of 5/3 (Wawro-TX)
 1060 KPUB TX Winters..Not on as yet. No target date as of 5/3 (Wawro-TX)
 1080 WKKQ MN Hibbing..Still carrying polka's on 1060 as of 5/30(Wurl-WI)
 1080 WBTZ TN Oliver Springs..Not on as of 6/15 (Connatser-TN)..This was reported in the fall of 82 as being heard but apparently was a mistake unless they've gone dead after only a few months.
 1110 KCOT AZ Marana..No word on this as yet, but could be on.
 1110 KGSF ID Kellogg..ditto KCOT above.

1110--KCOT--AZ Marana D1 2500/
 --KGSF--ID Kellogg D1 5000/
 --ON-- North Bay U2 10000/10000
 1120--WIZY--GA Gordon D1 5000/ (FO-1560)
 --WYHO--OH Nelsonville D1 2500/ (FO-1130)
 --PA-- Oil City D1 250/
 1140--AL Childersburg D1 5000/
 --KCMJ--GA Palm Springs U4 10000/ 5000 (FO-1010)
 1160--WKCM--KY Hawkesville U2 2500/ 1000 (FO-1140)
 --WTKN--NC Tryon U2 10000/ 1000 (FO-1550)
 1170--WDFB--KY Junction City D3 500/
 1180--KDAK--AZ Williams U2 10000/ 250 (FO-1240)
 --WJUN--IN Newburgh D1 500/
 --TX-- Humble U1 1000/ 1000
 1190--ERZY--NM Albuquerque U4 50000/ 2500 (FO-1450)
 1200--KNCN--AE Rome U1 10000/10000 (FO-760)
 --KDEC--IA Decorah U2 1000/ 1000 (FO-1240)
 --WFAI--NC Fayetteville U2 5000/ 500 (FO-1230)
 1210--KRES--WA Sunnyside U1 10000/ 1000 (FO-1230)
 --KOJO--WY Laramie U4 25000/ 1000 (FO-1490)
 1220--WGSP--TN Arlington D3 1000/
 1230--AK Bethel U1 250/ 250
 --KVAE--AK Valdez U1 1000/ 250
 --WSPH--TN Gatlinburg U1 1000/ 250
 1240--WUSW--FL Cross City U1 1000/ 250
 --WJDQ--MS Marion U1 1000/ 250 (FO-1330)
 --KLTN--NM Albuquerque U1 1000/ 250
 1250--KLLK--CA Willits D3 2500/
 1270--AK Nensana U1 5000/ 5000
 --WUCO--OH Marysville U4 500/ 500
 1280--WAOB--IN Winamac D1 5000/
 1290--KETH--AK Ketchikan U1 5000/ 5000
 1300--KGGX--AK Fairbanks U1 1000/ 1000
 1310--KGNL--HI Honolulu U1 5000/ 5000
 --KYAK--NM Corrales U2 5000/ 500
 --WJOZ--PA Troy D1 500/
 1320--WDER--NH Derry D3 5000/
 1330--KPRN--AL Butler D1 5000/ (FO-1240)
 --KSKI--ID Hiley U2 5000/ 1000 (FO-1330)
 --WBJT--TN Mount Juliet D3 500/
 1350--WPKY--TN Milan U4 5000/ 500
 1380--WZEL--GA Young Harris D1 500/
 --KLNH--HI Honolulu U1 5000/ 5000
 --WPCB--WI Clintonville U4 5000/ 2500
 1390--WRIC--WI Schofield U4 5000/ 5000 (FO-1400)
 1400--WFCG--AL Annadulia U1 1000/ 250
 --KVEL--AK Valdez U1 1000/ 250
 --KLCB--WA Goldendale U1 1000/ 250
 1420--KJOG--AZ Payson U2 2500/ 500
 --KFAA--MO California D1 500/
 1440--KPPS--MO Salem D1 500/
 1450--AB Ganmore U1 1000/ 250
 --QU-- Murdockville U1 1000/ 250
 1460--KWLL--AZ Casa Grande U4 2500/ 1000
 1480--WFWC--VA Quantico U4 500/ 500 (FO-1530)
 1490--KQAW--NM Ruidoso Downs U1 1000/ 250
 --WCEO--NY Sidney U1 1000/ 250
 --SC-- Besufort U1 500/ 250
 1500--KTOE--WA Lacey D1 1000/
 1510--WTRJ--OH Troy D3 250/
 1520--WMLN--MI St. Louis U4 1000/ 1000 (FO-1540)
 --WRYD--PA Homer City D1 5000/
 1530--AR Harrison D1 500/
 --WYXZ--FL Babson Park D1 500/
 --WCEG--MA Middleboro D3 500/
 --KBNS--SD Sisseton D1 1000/
 --WCBZ--WI Chilton D1 250/
 1550--KVKG--CA Solvang D1 500/
 --KQFE--MN Glencoe U2 10000/ 2500 (FO-1440)
 --KXXR--WA Opportunity D1 10000/
 1560--KLLV--CO Breen D1 10000/
 1570--WRRR--WV St. Mary's D1 1000/
 1580--WHEX--PA Columbia D1 500/
 1590--NV Sun Valley D1 2500/
 1600--KQWB--WA West Richland U2 5000/ 2500
 --BC-- Delta/Surrey U

810 WCTA TN Alamo..Not on as yet..
1140 WSAO MS Senatobia..Now here from 1950..
1220 WGSF TN Arlington..Not on as yet.
1360 WXYK TN Milan..Not on as yet but ready to go at any time...

From Bill Nittler in Keeker CO

1000 KRZD CO Hayden..'K2-100'. On air since 7/4/83..MoR format.
1370 KTMG CO Deer Trail..Came on 1st week of August. CAW mx. 'The Voice of Agriculture on Colorado's Eastern Plains'.
1360 KRZV CO Vail..'Radio Vail Village' is on. Hard Rock format.
700 KRZV CO Silt..Dac on air 9/1/83. Owners picked Silt as furthest East spot they could get a sta on 700 kHz. Will program to entire Western Slope with Grand Jet as major advertising target. Calls stand for 'Rocky Mountain West'. Slogan will be 'The Golden Sound of Music'.

From IRCA & NRC August bulletins

870 KUYU WY Orchard Valley..CP now here from 660 with 10000/2500 U4.
Still on 1530 tho.
880 KJJR MT Now here from 1400. Whitefish.
1210 WDRR GA Now here from 1520. Dahlonega
1510 WOIX NC Blowing Rock..CP now on.

SUMMARY OF UNREPORTED STATIONS
through Volume 50 #29 dated August 29, 1983

by Don Kaskey

The following chart lists the total number of stations in the USA and Canada and the volume they were last reported as being heard in DX NEWS

COUNTRY	V50	V49	V48	V47	V46	V45	V44	V43	V42	Prior	Total
CANADA	271	62	25	19	9	9	1	2	0	35	== 413
U.S.A.	2758	837	361	191	99	66	35	44	20	249	==4680
TOTAL	3029	899	386	210	108	75	36	46	20	284	==5093

New stations reported as having taken to the air during the period between V50 #25 through #29:

610-KYJC-OR (x-1230)	1210-WDRR-GA (x-1520)	1400-KHNK-TX
710-KUEP-AZ	1230-WKWL-AL	1420-KSES-CA
810-KTBL-WA	1230-WKCE-TN	1420-WTGE-MI
840-KSDP-AK	1230-WAMM-VA (x-940)	1420-WADY-GA
880-KJJR-MT (x-1400)	1240-KXIT-TX (x-1410)	1430-KNSP-WN
900-WEAK-KY	1240-KAWS-TX (x-1530)	1440-WMDJ-KY
900-WGSN-SC	1310-KEMV-NO	1440-KELG-TX
980-WLPQ-KY (x-1600)	1330-WBAS-FL	1460-VKXQ-TN
1000-KRHS-AZ	1330-KWSK-ND	1490-WADJ-AL
1000-KRDZ-CO	1360-WABT-AE	1490-WFXY-KY (x-1560)
1010-WBOE-KY	1360-KRVV-CO	1490-KVLL-TX (x-1220)
1140-WSAO-MS (x-1550)	1370-KTMG-CO	1500-KABR-NM
1150-WTWZ-MS	1370-WSOL-SC	1510-WOIX-NC
1150-CHGM-QU	1400-KADR-IA	1540-KKDI-AR
1190-WSGI-TN	1400-WLJN-MI	1590-WVRT-TN (x-WRZK)
1210-WOMQ-FL (x-1220)		

Previously unreported stations noted by NRC Reporters in DX NEWS since the last update (V50 #26)...Covers V50 #26 through #29:

AL---5---WABT-1360 (Perdue-AL)
CO---10---ERVV-1360 (Heinen-CO)
CA---13---WBIA-1230 (Ladbetter-MS), WDRR-1210 (Mulfinger-SC)
ID---7---KRPL-1400, KOZE-950 & KLER-1300 (all Hoffman-WA)
IA---0---EADR-1400 (Beard-IA)
KY---7---WMDJ-1440 (Francis-TN), WXYK-1480 (Thompson-NC)
MN---6---KMOM-1070 (Taylor-vac MN)
MS---5---WQIO-1450, WTWZ-1150 & WEOZ-1340 (all Rogers-MS)
MO---2---KTPM-1450 (Sueneman-MO)
MT---7---KQDI-1450 (Hoffman-WA)
NC---5---WOIX-1510 (Thompson-NC)
ND---1---EPOK-1340 (Heinen-CO)
OR---4---KIHK-1340 (Hoffman-WA)
TN---7---WSGI-1190 & WAEN-1330 (Connatser-TN)
BC---11---CHNL2-1340 (Hoffman-WA)

STATION PROFILE

TONY FITZHERBERT
356 JACKHAN AVENUE
FAIRFIELD, CT 06430

WCGR

P.O. Box 100, New York, New York, NY 10020-0100 1530 AM

nately 12,000. Canandaigua, hub of the farming lands of Ontario and Wayne Counties, derives its economy from Agriculture and Tourists, who come to the hill top town to enjoy 20 mile long lake Canandaigua, one of several finger-like lakes carved by ICE AGE glacial movements. Since April 1962, Canadiaguans have listened to WCGR-1550 for local news, information, and entertainment. The Call, of course, stands for Canandaigua Radio. In that month, the little daytimer observed its air date, broadcast from its small second floor quarters in an old office building on downtown Main Street. The station was founded by Wesley Kinble, a local businessman, and Jack Braxton came from WSAI, Rochester, to serve as the station's first program director. His expertise got the station rolling with big band, Mitch Miller and Broadway Show and Movie Score music. This format was augmented by local news, sports and farm reports.

A 150 foot guyed tower erected in a field two miles east of the studio still serves as the station's transmitter.

In 1973, the Main Street facility was vacated, as WCGR built a new building on Towline Road, near the transmitter, in East Canandaigua, just north of Routes 5 and 20. The modernistic wooden building, painted brown, with the huge cement call letters on the front lawn houses the AM studio, a production studio, with an auxiliary board, to take over if problems develop in the main control room, a news room, office space for the general manager, the sales force, the accountant, and the traffic manager. Recently, WCGR AM has been joined by WPLC (Wayne- Finger Lakes County) an automated 3KW Country Music station at 102 on the FM Dial. The FM Studio and additional sales space have been added to the original building. The music is programmed by a California consultant.

WCGR years ago dropped the big band music and musical scores, and presently offers a MoR format hosted by Air personalities, and emphasizes local news, sports, and other information. WCGR also airs ABC Entertainment News. On Sunday mornings, some services from local churches are heard. The original Gates Board and two turntables are still in use, and have been joined by three cart machines.

WCGR is still owned by the Kinble family. The founder's son, George W. Kinble, is President and GM, and another son, Russell S. Kinble, serves as Vice-President and News Director. The Kinble family has purchased several other stations, including WOLF-1490, in Syracuse. Thought is being given to application for another frequency, as the 250 watts with no PSA is prohibiting in winter months - WCGR must protect OBE. The 250-watt signal has been received, and verified as far away as Chalfont, PA and New Castle, DE.

WCGR has served as an essential, and friendly, reliable information source in the quiet tree lined town of Canandaigua for over 20 years.

The writer would like to thank George Kinble, WCGR President and General Manager for welcoming him and his family as they passed through Canandaigua while on vacation, and sharing recollections of the past 20 years during a tour of the station.

BOOKMARK

70 Years of Radio Tubes and Valves

John W. Stokes

In 1880, Thomas Edison found that, under certain conditions, a current could be made to flow through a vacuum. Edison was able to construct devices demonstrating this phenomenon. For one of these devices, he received the first American electronics patent. Later, developments by the British engineer Sir Ambrose Fleming and the American inventor Lee De Forest led to the creation of the vacuum tube.

These developments and more are traced in John W. Stokes' delightful history of the radio tube. The vacuum tube was originally brought into being

as a receiving device; it remained in that role for over a decade before it was found that a three-electrode tube could produce oscillations, and thus could be put to the task of transmitting CW radio signals.

All those who remember the RCA "Magic Eye" or the Philips "Magic Star" will enjoy reading 70 Years of Radio Tubes and Valves. While it is true that many in our field still rely on tubes (such as TWTs) for high-power applications, the devices discussed in Stokes' book have largely been replaced by solid-state devices. This book offers a wonderful journey through one part of electronics history. (ISBN: 0-911572-27-9, 250 pp., \$21.95.) The Vestal Press Ltd., 320 N. Jensen Rd., Vestal, NY 13859. © 1983

By Robert Hlivan

Author King buying station

BANGOR, Maine—Stephen King, author of such best-selling horror novels as "Carrie" and "The Shining," is buying a Bangor rock 'n' roll radio station.

"I've been interested in radio since I was about 3 years old, but this is the first involvement of this kind," said King as he was announced that he had signed a purchase agreement with the Massachusetts-based Action Corp., owner of WACZ-AM.

King just returned to his home in Bangor after a promotional tour in England for his latest novel, "Christine."



GARRISON KELLOR: funny and profound

Listeners love Wobegon stories

By DONALD D. BREED
Wobegon-Subject Staff Writer

MANURE-SPREADERS are funny, no doubt about it. Maybe not quite as funny to people who had to drive one over a cornfield in the dead of an upper Midwestern winter or in the debilitating heat of a Midwestern summer. But manure-spreaders are always good for a laugh.

Imagine, this, using a manure-spreader as the means for telling an allegory. A boy is rescued from the hopeless boredom of summer in a Minnesota small town and given an exciting responsibility — to drive the tractor that pulls the spreader — and with it a sense of self-worth that will sustain him.

"If was," says Orrison Kellor, as his voice sinks lower and he commences with the microphone that carries his tale to millions of National Public Radio listeners, "a gift from my Uncle Al: the gift of work."

The best storytellers are the ones who make us laugh and then, in the next instant, make us weep. And if they use this facility of theirs to teach us something about other people and about ourselves, then they are extraordinary, indeed.

IF YOU TAKE the word of a devoted listener, that is the appeal of *A Prairie Home Companion*, the live radio broadcast heard locally on WGBH-Boston between 8 and 8 p.m. Saturdays. There are thousands of people who can't be coaxed away from their radios during this time. Regular listeners will recognize the story about the boy and the manure-spreader as the one Kellor told a week ago yesterday when he was in Boston. That live broadcast was one of five shows Kellor and his troupe gave in the Hub.

Prairie Home features a lot of country music and a capable jazz trio led by Bach Thompson, while maintaining air space for gifted new groups, such as Boston's Klezmer Conservatory Band.

But the music is not *Prairie Home* — it is Garrison Kellor. An underestimated, but probably significant, proportion of regular listeners merely tolerate the music so that they can listen to Kellor's quips, his parodies and, most of all, his monologues about the mythical village of Lake

Keillor keeping radio alive

Wobegon, Minnesota — "the little town that time forgot, that the decades cannot improve." It is in these tales about the folks in Lake Wobegon — German Catholics and Norwegian Lutherans — that Keillor combines gentle wit and some profound ideas. It is clearly nostalgic, and often there is a moralistic message, but the humor keeps it from being maudlin or didactic.

Here are excerpts from a self-interview conducted by Garrison Kellor:

Q. How did you come to start the show?
A. In 1974, I was trying to support a family by freelance writing, and beyond the difficulty of selling enough fiction to put food on the table and clothes on our backs, I had another problem that is common among writers and that was stupor. You can sit in an empty room and look at blank paper for only so long each day for seven days a week before your eyes glaze over and your mind turns to lemon meringue. Other writers learn to take up carpentry or gardening or golf. I took up this show as my recreation, and it was good for my disposition. You get tired of the empty room, you look forward to going on a stage and talking around with musicians, then you're good and glad to get back to the empty room. Writing keeps you honest, performing keeps you sane.

Q. How did you come up with Lake Wobegon?
A. I figured that if I was going to do anything well on the show, it would probably be comedy, my singing voice then being not even as good as it is now, and after eight years it still isn't a voice you'd want to base a career on. I wasn't much good at comedy either, at least not the stopy stand-up monologues that we associate with variety shows, but I figured that comedy at least is a form of writing so I would stand a chance. Over the first couple years, failure in stand-up comedy drove me toward storytelling. I started out telling true stories from my childhood, dressed up as fiction, and then discovered Lake Wobegon as a place to set them so as to put more distance between them and the innocent persons I was talking about.

Q. Is there really a Lake Wobegon? Are any of the things you mention on the show real such as Powdermill biscuits, Bob's Bank, Bernha's Kitty Boutique, the Farmworker's Shoppe?

A. I don't mean to be cute when I say, "this is not an easy yes-or-no question." No, there is no town in Minnesota named Lake Wobegon that I could show you, at least I'm not aware of one. But I would also have a hard time showing you the Ninth Federal Reserve District, the Archdiocese of St. Paul and Minneapolis, the Big Ten, or the upper middle class. Most people deal very comfortably with abstractions much more fact-fetched than Lake Wobegon, e.g., the Moral Majority, secular humanists, Hollywood, etc. Compared to any of those, Lake Wobegon is as real as my hands on this typewriter and sometimes more real than that. I once dreamed that I drove over a hill in central Minnesota and found it. In the dream, they weren't particularly happy to see me but they managed to see fairly polite. I was invited to someone's house for supper and then I woke up.

Q. Will *A Prairie Home Companion* ever make the jump to television?

A. Most of the favorite radio shows of my youth made that jump — Gunsmoke, Ozzie & Harriet, Jack Benny, George & Gracie — and most of them became very successful television shows, though they gave up a lot. Jack Benny was much funnier on radio: the long-suffering voice, the exasperated long pauses, the beautiful radio sight gags — on radio, Jack Benny could absolutely kill you. He was very elegant on television, but I think not as funny. I enjoyed him on television — his pose, the arm folded supporting the arm to the chin, the slightly effeminate gestures, the noble face — but he didn't really need television. Everything about the physical Jack Benny was suggested in the voice.



All news... all day!

VIA PREVIOUS PAGE
Sunday January
May 19 - 83
VIA C.C. HARRISON

lined up facing one way and eating Kraft or Stauffer's. We have more freedom in radio, so does the audience.

Q. Why don't you give your name on the air?
A. A voice of modesty, I guess, and also I don't seem to be able to pronounce it very well. I give it to people over the phone and they always say, "Whiff! Could you spell that?" So I just don't bother with it on the air. It's unreasonable not to, but everyone is entitled to be unreasonable once in a while.

I think our show would suffer from a jump in television. The sheer mechanics of television is such that you can't sit in a little room, ask a question, and get three people cooking while listening to our show, and then come back and watch television at the same time and cook and eat. Good television tends to drive our cozy kitchen amongst fabulous animas by people cooking with pleasure at the prospect of dinner, for which we are a laud-in show. It's hard to replace that happy gang with a bunch of people

ENFIELD, CONNECTICUT NRC

50th ANNIVERSARY CONVENTION

LABOR DAY WEEKEND

Sept. 2nd thru 5th

The National Radio Club's 50th Anniversary Convention was held this past Labor Day weekend at the Harley Hotel in Enfield, Connecticut. Seventy-three members and fifteen guests attended this gala event. The Convention was hosted by the "NRC SWAT TEAM" and with any kind of luck they'll be hosting the 1980 Convention in Colorado Springs, Colorado.

Friday afternoon, September 2nd, Alphonso Bedoya and "The Wizard" arrived at the Hotel at 4 p.m. and proceeded to transport Convention refreshments and supplies to the Hospitality Room and SWAT Headquarters.

The Convention was officially underway with registration beginning at 5:30 p.m. Many members could be seen reuniting old acquaintances and making new friends. Several members formed their own teams and started out on the "Find the WSRD Sticker Contest" and the Alphonso Bedoya "Scavenger Hunt." WNRG-640, on every radio dial, could be heard throughout the hotel as well as a bootleg transmitter relaying "Deutsche Welle" among others.

Saturday dawned bright and early for a lot of us. The Hospitality Room was re-stocked with refreshments and gradually filled up with members. Official functions for the day started with the Banquet at 7 p.m.

The Banquet was held on the Hotel's patio overlooking the pool, tennis courts, and the SWAT Team's munitions test area. Ron Musco called for a moment of silence and deceased NRC members names were mentioned. Everyone enjoyed the offering of steamed clams, Bar-B-Que chicken, and grilled steak.

While enjoying coffee and pieces of the 50th Anniversary cake, dark shadows could be seen traversing across the munitions test area. The sky was then filled with bright flaming balls as the SWAT Team fired off one of its most colorful pyrotechnic devices.

Members then proceeded to the Longmeadow Room to hear the Convention speaker, Mr. Stu Leland. Stu was a member of the NRC back in 1935 when he edited the SHORTWAVE DEPARTMENT column in DX NEWS. He has worked as the Chief Engineer of WICR/WSNG-610 Torrington, Connecticut and at the American Radio Relay League in Newington, Connecticut in their Technical Department before retiring a few years ago. He is also W1 JSC and is active on 160 meters.

Stu talked about DX'ing in the early 30's and after his speech presented Ron Musco with an old NNRC Membership Pin. Ron, in turn, presented Stu with a copy of the NRC's 50th Anniversary Book.

The Convention Quiz, prepared by THE WIZARD, was then handed out by the SWAT team to participating members. Distant grumbling could be heard as members tried to complete this exercise. Two years free membership in the NRC was awarded to Frank Merrill of Toledo, Ohio with Russ Edmunds of Blue Bell, Pennsylvania finishing a close second.

A party was formed and several members departed for the beverage site at the Trolley Museum. Whilst tuning the Wizard's HQ-145, Ron Schatz detected an Equipment Test in progress on 1240 kHz. The tone stopped and the following ID was heard: "This is Radio Station X-M-C-L Mc Call, Idaho on the air for test purposes only."

Ron's expert fingers then managed to detect a tone on 1280 kHz which subsequently IDed as: "This is Radio Station K-G-W-V Belgrade, Montana on the air for a frequency check." This was probably the second harmonic of KGMV's 640 kHz construction permit.

Several persons were amazed at the performance of the Wizard's beverage. A brief pyrotechnic display followed courtesy of the SWAT team.

Sunday again dawned bright and early—much to the chagrin of several members. Pete Kemp showed a 16 mm film on amateur radio in the Connecticut room at 11 a.m.

Sunday afternoon was occupied with the business meeting which started at 1 p.m. Our Publisher, Mike Knitter, asked for next years Convention bids and several were presented. Rich Eddie proposed St. Louis, Missouri, Ray Arruda proposed the East Providence, Rhode Island area, Mike Knitter proposed Milwaukee, Wisconsin, and Wayne Heinen proposed Colorado Springs, Colorado.

After the proposals, a vote was taken and we are pleased to announce that the 1984 NRC Convention will be held in Colorado Springs, Colorado.

Mike Knitter then discussed the state of the NRC past, present, and future. A short discussion followed and it appears that the NRC is on very stable ground with several plans for the coming years.

After the Business Meeting, the group assembled on the grassy knoll below the patio for a group portrait. Hopefully, a color group photograph will be available to NRC members in the near future.

Alphonso Bedoya conducted his Scavenger Hunt at 3 p.m. and as it turned out only two teams had entered the contest. Paul Mount comprised Team 1 and he scored about 20 points without hardly trying.

Team 2 comprised of Bruce Conti, Glen Cooper, Bill Grant, and Phil Sullivan were the winners of the \$50 bill First Prize. This team really went all out for the Contest. Cigars, toys, stickers, a T-shirt from WRJW-1450, a giant variegated chrysanthemum, and a dead raccoon (which was really getting on Glen's nerves) were turned in to Al.

The Coup de Grace was "a thermo-nuclear device (armed) that was constructed by Glen and worth 456 points in the contest.

"THE WIZARD" held the finals in his "Find the WERE Sticker Contest." The 2nd place sticker was found across the street from the hotel in an "Adult Book Store" and its finders were awarded an edition of the next edition of the NRC Domestic Log.

The first place sticker was found by the devious, cunning, and alert team of Bruce Conti, Glen Cooper, Bill Grant, and Phil Sullivan. A \$20 bill was the prize for this Contest. Paul Swearingen and Ernie Wesolowski finished out of the money.

The Annual NRC Auction started at 7 p.m. in the Connecticut Room. The Auction was conducted by the NRC SWAT TEAM with help from Mike Knitter. Various "old" radio station items from the collections of Joe Brauner and Norm Maguire were auctioned off as well as the usual coverage maps, belt buckles, station surveys, posters, and technical manuals. These present enabled the Club Treasury to grow by \$600.

Some members of the group then proceeded to the beverage site where Neil Kazaross gave a demonstration of "phased" beverage antennas. At some point in time a carrier was detected on 1620 kHz and the pirate station "W-S-W-T SWAT TEAM RADIO of Enfield, Connecticut" was logged with amazing strength and clarity. As one attendee remarked: "Almost a local."

The great SWAT team Pyrotechnic Display followed and lasted for one hour. It's early demise was caused by the arrival of the East Windsor Police Department. The group departed the site and some members went back to Room 304 and others to SWAT HQ.

The Convention was considered a complete success by many attendees and most indicated a desire to attend Colorado Springs in 1984.

THOSE NRC MEMBERS PRESENT:

California: John Clements, Paul Swearingen
 Colorado: Wayne Heinen
 Connecticut: Mike Collins, Joe Dimaggio, John Golden, Pete Kemp, Ron Musco, Sharon Skowera
 Delaware: Dave Schmidt
 District of Columbia: Bill Townsend
 Florida: Ron Schatz
 Georgia: Chuck Hutton
 Illinois: Roger Giannini
 Kansas: Gary Houdek
 Kentucky: Dick TRUX
 Louisiana: Dallas Lankford
 Maryland: Carroll Weyrich
 Massachusetts: Ray Arruda, Paul Burkhardt, Mark Connelly, Ernie Cooper, Glen Cooper, Marc DeLorenzo, Dave Duquette, Tom Fermerie

Massachusetts (continued): Bill Grant, Warren Greenberg, John Kapinos, Phil Sullivan, Richard Waterman

Missouri: Rich Eddie

Nebraska: Dan Bartek, Ernie Wesolowski

New Jersey: Phil Crocker, Joe Fella, Bob Harrison, Paul Mount, Bob Stonier, G.A. Nitshe, Robert Smolarek

New York: Jerry Bond, John Brandel, Ken Chatterton, Peter Clarius, Oscar Clark, Bob Foxworth, George Haskiel, Chris Hansen, Carleton Lord, Paul Morehouse, Charles Rader, Jay Smilkstein, Matt Stutterheim

Ohio: George Greene, Frank Merrill, Jerry Starr

Pennsylvania: Ben Danganfield, Russ Edmonds, Kermit Geary, Harry Hayes, John Malinky

Rhode Island: Bruce Conti, Craig Healey, Neil Kazaross

Virginia: Greg Monti, Jim Rollins

Wisconsin: Mike Knitter, Sue Knitter

CANADA

Ontario: Dave Whatnough, Nial Wolfish

Quebec: Andy Rugg

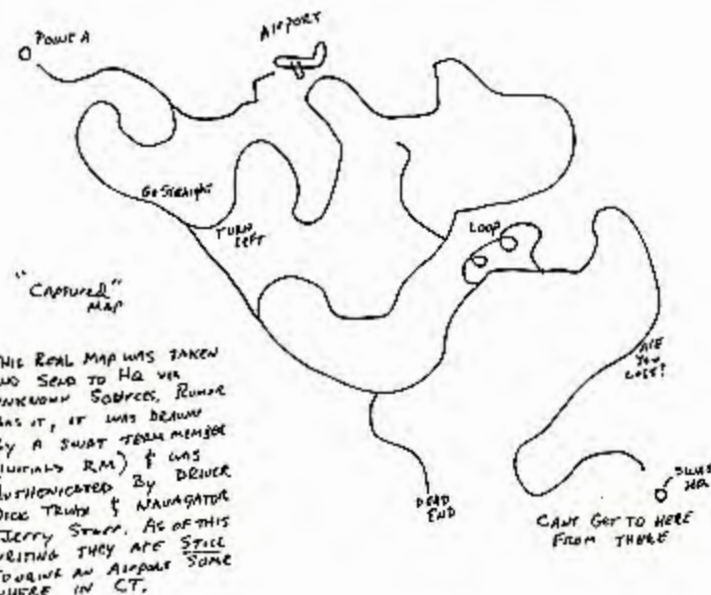
GUESTS

Mrs. Sue Golden, Harry Hayes' father, Mrs. Robert Stonier, Mrs. Betty Lord, Mike Rugg, Mrs. Carroll Weyrich, Tim Kendel, Mrs. Kermit Geary, Mrs. Arline Arruda, Keith Skowera, Stu Leland, Robert Musco, Ronald G. Musco, Mrs. Mary Musco

SPECIAL THANKS to: Dan Bartek, Ken Chatterton, Pete Kemp, and Chuck Rader for their assistance during the running of the Convention. THE WIZARD would also like to Thank Wayne Heinen and the "NRC SWAT TEAM" for their help during the auction, banquet, quiz, and pyrotechnic displays.

And last but not least: "WHO" set off the 1/4 stick of dynamite Sunday morning? Who was really operating WNRC-640? Who removed the operating licenses in the elevators? Who replaced them with pictures of the 1982 SWAT Team? Who removed these pictures? Where is W-S-W-T SWAT TEAM RADIO's Transmitter really located? Who turned up the "heat" during the auction?

WHO WASIT'S BETTER NOT TO KNOW.....I GUESS



Last Updated: 12 July 1963

Compiler: Ronald F. Schatz

The following list of Cuban AM broadcasting stations is the most accurate available anywhere. 98% accuracy is guaranteed as of the last update. It is based largely on data monitored during expeditions to the Florida Keys, Jamaica, and Cuba itself. This list represents over two decades of experience in studying Cuba's broadcasting system at a critical time in that country's history; our first list was released in 1962. Released annually since that time, the list is now computer-updated constantly to serve the special interests of governments and broadcasters attempting to solve the serious problem of Cuban radio interference. This list has long been the basic source of data for Cuban station lists appearing in the BROADCASTING+CABLECASTING YEARBOOK, the WORLD RADIO-TELEVISION HANDBOOK, and for information provided by the Foreign Broadcast Information Service (CIA). As the direct result of activities within Cuba leading to the compilation of this list, this compiler has been accused of espionage and declared "persona non grata" by the Cuban revolutionary government.

FORMAT

- 1) FREQUENCY in kilohertz to the nearest kilohertz as last monitored. As is often the custom in Latin America, a station may occasionally drift off its nominal frequency by several kilohertz, thereby creating a "beat" tone that will interfere with stations on the main channel. Jamming stations in Cuba do this deliberately.
2) TRANSMITTER SITE, not necessarily the studio location. Most transmitter sites in Cuba are unmanned, duplicated operations; all are omnidirectional. Some transmitters are located on "centrales", rural sugar-refining centers; as these are rarely found on maps of Cuba, the name of the adjacent town is listed instead: e.g., "Jaranu" for "Central Brasil".
3) HC CALLSIGN recognized by Cuba's Ministerio de Comunicaciones and registered officially with the IFRG in Geneva. It is rarely used over the air.
4) ICRT CALLSIGN used over the air by the Instituto Cubano de Radio y Television (ICRT). Note that Cuba uses two sets of call letters: one "official", the other announced over the air!
5) IDENTIFICATION, the announced "name" of the station or network. Network stations are mere relays that NEVER break for local origination of any kind.
6) POWER in kilowatts based on available data checked against field-strength measurements. Daily variations in field strength are common.
7) ELECTRICAL HEIGHT of the transmitter tower in degrees to the nearest tenth of a degree, especially useful in estimating field strength along sky-wave signal paths.
8) NOTES which follow the body of the list.

All correspondence regarding this list should be directed to:

Ronald F. Schatz * 250 West Sample Road * Pompano Beach, FL 33064

LIST OF CUBAN AM BROADCASTING STATIONS

Table with columns: FREQ (kHz), TRANSMITTER LOCATION, HC CALL, ICRT CALL, IDENTIFICATION, POWER kW, ELECT. HEIGHT, NOTE. Lists stations such as Pinar del Rio, Manzanillo, Ciego de Avila, Santa Clara, Baracoa, La Julia, Urbano Noris, GuantAnamo, Bahia Honda, Trinidad, Colon, Moa, Camaguey.

Main table with columns: FREQ (kHz), TRANSMITTER LOCATION, HC CALL, ICRT CALL, IDENTIFICATION, POWER kW, ELECT. HEIGHT, NOTE. Lists stations such as Guanabacoa, Pilon, Santiago - Cuba, Medio Luna, Santa Clara, Arroyo Arenas, Cienfuegos, Ciego de Avila, Santiago - Cuba, Santa Clara, GuantAnamo, Trinidad, Baracoa, Cacocum, Pinar del Rio, Camaguey, Guanabacoa, Moa, Manzanillo, Camaguey, Ciudad - Habana, Ciego de Avila, Moa, Santa Clara, Santiago - Cuba, Las Tunas, La Fe, Trinidad, GuantAnamo, Regla, Sancti-Spiritus, Pinar del Rio, Santa Clara, Santiago - Cuba, Cacocum, Camaguey, Cardenas, Pilon, Matanzas, Ciego de Avila, Colon, Holguin, Arroyo Arenas, Sancti-Spiritus, Cienfuegos, Ciego de Avila, Santiago - Cuba, Las Tunas, Guanabacoa, Moa, Bayamo, Pinar del Rio, San Cristobal, Camaguey, GuantAnamo, Guano, Sancti-Spiritus, Holguin, Bahia Honda, La Palma, Santiago - Cuba, Puerto Padre, Las Tunas, Amancio R., Baracoa, GuantAnamo, Guines, M. Matahambre, Santa Clara, Banas, Holguin.

FREQ kHz	TRANSMITTER LOCATION	IC CALL	ICRT CALL	IDENTIFICATION	POWER kW	ELECT. HEIGHT	NOTE
1120	Artemisa	CMCW		R.C. Habana	5	122.9	
1120	MayerI	CMKQ		Radio Angulo	1	122.9	
1130	Sagua de Tanamo	CMKX		Radio Angulo	10	124.0	
1140	Ciudad - Habana	CMHW	CMCH	R.C. Habana	1	125.1	
1140	Media Luna	CMHN		Radio Bayamo	1	125.1	
1143	Cardenas			(60-Hz AC hum)	0.25	92.0	J
1150	Bueycitos	CMNH	CMKX	Radio Bayamo	10	126.2	
1160	La Julia	CMCV		Voice of Cuba	75	250.6	D
1160	Pilon	CMNH		Radio Bayamo	10	167.0	
1180	Swanabacoa			(60-Hz AC hum)	1	172.6	J
1180	Mayari Arriba	CMJG		R. Progreso	1	129.5	
1190	Nueva Gerona	CMJD	CMDB	Radio Reloj	1	129.5	
1190	Yaguajay	CMGD		R. S-Spiritus	1	130.6	
1200	S Antonio - Bs	CMCD		R. Ariguanaba	0.25	86.4	S
1200	Trinidad	CMGN		R. S-Spiritus	1	100.6	
1200	Palma Soriano	CMJG		C M K C	10	129.7	
1210	Sancti-Spiritus	CMGL	CMHT	R. S-Spiritus	10	132.8	
1210	Chivirico	CMKX		C M K C	10	132.8	
1210	Mayari Arriba	CMJW		C M K C	1	132.8	
1220	Espana Rep'cana	CMDM	CMGY	Radio Z6	10	133.9	
1220	Cuantanamo	CMHD	CMKA	Radio Reloj	0.25	133.9	
1230	Australia	CMBN	CMGM	Radio Z6	3	112.5	
1240	Matanzas	CMDL	CMCW	Radio Z6	1	97.0	
1250	Caibarien	CMEN	CMHS	"W"	1	137.2	
1250	Imias	CMHW		CMKS y CMGX	0.25	135.0	C
1260	Torriente	CMDD		R. Victoria de Giron	1	138.3	
1270	Camaguey	CMHD	CMJC	Radio Reloj	10	139.4	
1280	Santa Clara	CMHD	CMHM	Radio Reloj	1	140.5	
1280	Guaimaro	CMHN		R. Rectangulo	0.25	140.5	
1290	Ciudad - Habana	CMBL	CMBO	R. Enciclopedia	1	180.7	Z
1290	Rancho Veloz	CMFO		"W"	1	141.5	
1310	Sagua La Grande	CMHF	CMHR	"W"	1	143.7	
1310	La Fe	CMDL	CMBN	Radio Caribe	10	143.7	
1320	Pinar del Rio	CMAD	CMAL	Radio Reloj	0.25	144.8	
1330	Artemisa	CMCP	CMAD	R. Artemisa	0.5	145.9	
1330	Janes	CMKM	CMDO	Radio Banos	0.25	148.9	
1340	Cienfuegos	CMFL	CMHU	R. Cd. del Mar	10	147.0	
1340	Cuantanamo Bay		WGBY	Am. Forces Radio	0.25	122.5	F
1350	Aguada de Pas.	CMFM		R. Cd. del Mar	1	148.1	
1350	Puerto Padre	CMHL	CMKY	R. Libertad	0.25	148.1	
1360	R. Ramirez Esq.	CMNH		R.C. Agramonte	10	149.2	
1370	Nuevitas	CMHX		R.C. Agramonte	1	150.3	
1370	Santiago - Cuba	CMJM	CMDV	R. Siboney	0.5	150.3	Z
1380	Jaronu	CMHY		R.C. Agramonte	10	151.4	B
1390	Jaruco	CMCM		Radio Jaruco	1	89.0	
1400	Matanzas	CMDE	CMCX	C M B F	0.25	112.7	
1400	Guaimaro	CMHV		R.C. Agramonte	1	153.6	
1410	Pinar del Rio	CMAG		R. Pinar Musical	1	154.7	Z
1410	Sta. Cruz - Sur	CMHG	CMJW	R. Santa Cruz	1	154.7	
1420	Colon	CMOG		R. Llanuras de Colon	0.25	155.8	
1420	Baracoa	CMNO		R. Progreso	1	155.8	
1430	Maron	CMIN	CMJY	Radio Surco	10	156.9	
1440	Guines	CMCL		Radio Guines	0.25	158.0	
1440	Ciego de Avila	CMIL	CMJP	Radio Surco	5	158.0	
1450	Anancio R.	CMNL	CMJF	Radio Mabeas	1	159.1	A
1460	Nuevitas	CMHO	CMJG	R. Nuevitas	0.25	160.2	
1470	Cardenas	CMDF	CMGE	R. Cd. Bandera	1	118.3	
1480	Florida	CMHR	CMJI	C M J I	0.25	162.4	
1490	S. Jose - Lajas	CMGN		Radio Camoas	0.25	86.2	
1490	Mayari	CMKN	CMDI	Radio Mayari	1	163.5	
1500	Holguin	CMKR		R. Holguin Musical	1	164.6	Z
1520	Palma Soriano	CMJU	CMKZ	R. Soragua	1	166.8	
1530	Maron	CMIM	CMJX	Radio Moron	1	167.9	
1540	Sagua La Grande	CMES		Radio Sagua	1	169.0	N
1550	Camaguey	CMHM	CMJK	R. Camaguey	1	170.1	
1560	Ciego de Avila	CMJR		R. Musical Avilena	1	171.2	Z
1580	Sta. Cruz - Sur	CMHP		R.C. Agramonte	0.25	173.4	
1590	Manzanillo	CMNM	CMDF	Radio Gramma	0.5	174.5	
1.00	Soia	CMHZ		R. Cubitas	1	1	?

NOTES:

- A - Amancio Rodriguez, new name for Francisco.
- B - Listed as Central Brazil in IIRB Basic Inventory.
- C - CMEA @ 60kW and CMX @ 75kW standing by to carry the Voice of Cuba in retaliation against Radio Marti.
- D - back in operation as of 21 June 1983 carrying Radio Progreso.
- F - American Forces station serving Guantanamo Bay Naval Base.
- G - Moved to 640 from 790 on 11 September 1982.
- H - Carries La Voz de Cuba midnight to 0500 LT.
- J - Broadcasts 60-Hertz AC hum at 100% modulation for purpose of jamming South Florida station.
- M - Minas de Matahambre.
- N - One of two stations not registered with IIRB.
- O - C O C O - El Periodico del Aire.
- P - La Palma, new name for Consolacion del Norte.
- S - San Antonio de los Baños.
- T - CMKS - Trincheras Anticomunistas - y CMUX - La Voz de la CUA.
- U - Urbano Noris, new name for San German.
- V - Accompanied by bad transmitter noise.
- Z - "Light-Programme" format with instrumental music and female DJ.
- ? - Present operation unconfirmed by monitoring.

NOTE Spanish-language diacritical marks are symbolised by capitalisation.

LIST OF KNOWN CUBAN FM STATIONS

FREQ	LOCATION	CALL	IDENTIFICATION
92.1	Vedado	CMBO	Radio Progreso
95.0	Vedado	CMSE	C M B F
95.0	Vedado	CMBL	Radio Enciclopedia Stereophonic
97.3	Santiago de Cuba	CMJM	Radio Siboney

All Cuban FM stations duplicate AM 100%.

UPDATE COMMENTS


At this time Cuba is showing increased activity suggestive of a probable retaliatory move in the event that Radio Marti is activated: The 75-kW plant at La Julia has been reactivated on 1160 kHz, on the air for the first time since August 1982; while a 60-kW transmitter in Santa Clara (570 kHz) has been under test during the past month. A "demonstration" similar to that of last August 30, 1982, may occur at any time.

Ron Schatz 12 July 1983

Your kind of Radio

 1550 AM
 P.O. Box 100
 Corydon, Indiana 47112

WKLO AM 1000
 427 South Fourth St.
 Danville, Kentucky 40422

62 on your AM radio Dial is

 620 AM
 Where you'll hear,
HARRY JAMES
EDDIE FISHER
 Come on down to 62 FOR THE MUSIC OF YOUR LIFE.

THE COUNTRY GIANT

 AM 1330
 P.O. Box 3830 Evansville, IN 47735

The opinions expressed in this column are those of the individual members, and do not necessarily reflect those of the editors, publishers or NRC.

Deadline for V 51, #1 Musings: September 24; For V 51, #2: October 1. In other words, the deadline for receipt of all Musings will be eight days before the pub session date. See V 50, #29, p. 4 for the publishing schedule. And ... pay attention, guys! Don't send Musings to the old Riverside address unless you really want to have them published a week or so later than you intended.

Stan Morse - Route 3 - Bradford, MA 01830 (pm 8-5; rec'd 8-9)

Another season over, and quantity- and quality-wise busy. Only 20 new stations reported and 16 of those due to call changes. WSTD-Natuck verified and one week later became WTPP. An immediate verie from them. Another bright spot was a nice letter verie from WMRE after 6 reports since call change. No answers from CJSB, WDEY, and WNCN - first two didn't answer last year, either. Tom Farmerie wrong re TV DX column in DX News - was popular and well-used, but AIPA bulletin took over as top TV DX'er forum and NRC phased it out. The AIPA is gone but not forgotten (American Ionospheric Propagation Association). They put out a good bulletin. I did some TV DX with over 100 veries, 20 states, and 2 Canadian Provinces, but best DX is in wrong season for me. Popular Communication having some interesting articles for RCB DX'ers - feature story on Dr. Brinkley and KFKB/XER/XERA recently and America's offshore Pirates have been featured. New grants by FCC continue, even though 65% of radio listening is on FM. No sign of any of the new "clear" channel grants here yet. And Broadcasting's listings leave a lot to be desired recently; their yearbook lists WDER, Derry as being "on the air" Jan. 83, but no sign yet and I'm only about 18 miles from Derry. All WARA on 1320 here. Local WNAV now taking "Talk Net" in evening as well as all night - real public service running a national talk show 10 hours a day, but more AM's doing it. WLLN also changing format in evenings running comedy records in a block. No sign of any action on the many "clear channel" applications in New England for full time; they're still waiting for Canadian clearance, I guess, as several are not fouled up in possible hearings: WMLI to 1280 and WQMR to 1160 should be easy grants.

Remembering a Tune for 53 years

Gene Martin - 3383 East Evans Ave. - Denver, CO 80210 (pm 8-4; rec'd 8-9)

I wonder how many DX'ers can name the first 50 kw station to take the air west of the Mississippi. Perhaps a good many do not know, for the history of that station has a strange twist tending to obscure recent developments. Well, the first 50 kw station west of the Mississippi as well as the first one in the South was WFAA in Dallas which vaulted from 500 watts to 50,000, at nine o'clock on the night of May 10, 1930, a Saturday night, and I remember it very well. A live orchestra playing "Pomp and Circumstance" was the first sound heard as WPAA became the 6th 50 kw station in the U. S. The only other 50 kw stations that night were WEAP in New York (now WNBC); WGY Schenectady; KDKA Pittsburgh; WLN, Cincinnati; and WENR, Chicago (now WLS). The strange twist in the story of WFAA is that it no longer is a 50 kw station; instead, it's a 5,000-watt station at 570. No other U. S. station has ever undergone and accepted a change of status anything like that. From 1930 until 1970, WFAA was a half-time station sharing its frequency with WBAP, Fort Worth. The frequency was 800 in 1930 and became 820 in the NARDA changes of 1941. For 3 or 4 years in the beginning, WPAA, with its 50,000 watts, shared time with a 10 kw WBAP. The change from one to the other at night took place at 9 o'clock, and it was always a very impressive thing, when you were far away from Texas, to hear the sputtering WBAP change in a half-second to the super-loud WFAA. Or vice-versa, if the change went the other way. Late in 1933, or perhaps early 1934, WBAP acquired a half-interest in the WPAA transmitter at Grapevine, Texas, and thereafter there was no dramatic change to hear at 9 o'clock. Both were 50 kw stations. To bring this story up to date, WBAP in 1970 paid a reported \$3 1/2 million to WFAA and became a full-time station on 820. For its part, WFAA became a full-time station on 570 on the 5 kw station both of them had been sharing time on for more than 30 years. To end this story, the Dallas Morning News, always the owner of WFAA, has purchased KOA, Denver from General Electric, and will again be the owner of a 50 kw station, but this time, a full-time operation.

Glenn Hauser - Box 6287 - Knoxville, TN 37914 (pm 8-6; rec'd 8-9)

After the ANARC Convention in Washington, DC, Ron Schatz and I sett off for Newfoundland. We were mainly interested in touring, with a rather

tight itinerary, and were rarely settled before sunset and ready to DX. The DX we did log certainly whetted our appetites for a more leisurely return visit to this beautiful country. At a salmon lodge near Forteau, Labrador, we got our first taste of TA's up and down the dial. Ron observed that TA's here were better in midsummer than they ever were in Florida in the winter. (Of course, we were about equidistant - 2,500 miles or so - from Cuba and Western Europe.) Early in the evening, the Europeans had many of the channels to themselves, long before the more westerly North Americans faded in. I was especially interested in longwave, since my ICF-2001 had yet to prove capable of pulling in signals able to override its internal buzz. Indeed, France-164 and Algeria 254 were making it through nicely. Giving us both a bigger charge was the discovery at Nfld's northern tip, the Viking ruins at L'Anse aux Meadows, that Greenland was clearly audible in the daytime on 700 kHz (20kw at the south tip of the island, which proves to be only 750 miles away), and on 570 (25 kw at Nuuk, 900 miles), mixed with a Canadian. And so was Iceland on 209 kHz (presumably the 50 kw at Vatnsendi - I can't find it on the map, but it's at least 1,500 miles). A few days later at the lighthouse and foghorn on the point north of Twillingate, we had 209 and 700 again. Literally following in the footsteps of Marconi, we DX'ed atop Signal Hill in St. John's (a lovely city), almost missing the Brazilians at 885, but hearing TA's all over the LW and MW band, mostly from the UK, France, Portugal, Spain, Morocco, Algeria. More details once we get the tapes checked and the log put together. We also visited France, in the form of St. Pierre, including RFO (ex-PR3) on 1375 kHz. The WRTH info appears to be correct; typically European, the station never announced any of its AM or FM frequencies, and staffers could not tell us what they were. Domestically, besides CBC out of St. John's and Corner Brook, it seems that CFCB dominates commercial radio along the west coast with a series of repeaters, and VQCM dominates the east coast in the same way. I made a point of taping much of the DX and local radio as possible for future use on World of Radio. We didn't get to Argentina, but from an all-water path on the Burin Peninsula, we barely heard VOUS-1480. 50 watts seems more likely than 250, and don't expect an ID on the hour - or half-hour.

Frederick R. Vobbe - P. O. Box 127 - Temperance, MI 46182 (pm 7; rec'd 8-10)

I am writing this on 7-31-83, the day after getting back from a vacation up to Canada. My wife, her brother and his girlfriend, and myself went up to Pancake Bay, ON, which is roughly 60 miles north of Saulte Ste. Marie, ON. We camped in the Ontario Provincial Park for about a half week, and spent the other half bumming around the V. P. We camped in a tent and cooked by an open fire. Since there was no electricity, I took along my Potomac Instruments FIM-41. The figures in brackets are the actual field strengths of the stations heard. Here is what you can listen to at Pancake Bay: 550-CHNO (60 uv), 560-CFOS (25 uv), 580-WTCM (90uv), 600-WBDN (95 uv), 620-WTMJ (30 uv), 630-CPCO (15 uv), 670-WNAQ (17 uv), 680-WDBC (.1 uv), 720-WGN (20 uv), 780-WBBM (13 uv), 790-WSGW (17.5 uv) in one direction and CKSO (27 uv) with WSGW hot in the other direction, 920-CKCY (.37 uv), 940-WLVM (75 uv), 960-WHAK (45 uv), 1050-CFYN (.34 mV), 1130-WJML (70 uv), 1230-WSOO (80 uv), 1250-CHWO (15 uv), 1270-WVOY (35 uv), and 1320-WDMJ (10 uv). Nighttime was about the same. I heard WJML do their signoff at 2130, but did not hear anything after that on 1130. For the most part radio up in the U. P. and Ontario was boring due to poor automation. The best station we heard was CFYN. My wife and I toured CKCY, CJOM-FM, CKCY-TV, and the CBC TV station CICO. They are all located in the one building in the downtown area. I would like to thank Randy Tomer, Mike Sapp, and Roger Giannini for taking the time to write me about different types of receivers. All of the information was helpful. It looks like I won't be able to make Enfield this year as I thought. My jingle and programming business is growing enough that I won't be able to get away. But I'm sure that Gary and Frank will represent the Toledo area DX'ers in the same fashion as John Denver sung about Toledo, hi. If the T-storms die down for a while I hope to get a new antenna up here at the house, and/or do some DX'ing from WHND's towers. Got a v/c back from WRNO Worldwide, and CBC Shortwave. WLQR-FM in Toledo was purchased by WSPD in Toledo. Hope they do something good with it. Toledo radio stinks right now! Toledo will soon have new FM competition from a Bowling Green, OH station (ex-WKIQ) which is moving studios/transmitter closer to the Toledo area. CKLW still hanging in there with rock and roll. The Big Bands format should hit the Big 8 anytime now. If there are any archecker or jingle collectors out there, please write. 73's to all.

G. Harley DeLeurere - P. O. Box 18 - Hendricks, WV 26271 (pm 8-6; rec'd 8-9)

It has been awhile since I last wrote. I've DX'ed some,

but basically I've not. I've been too busy. In fact, I have so much to do that I'm not going to get half done what I've been aiming to do this summer. Before I forget it, I should mention that WVMR-1370, Frost, WV signs off at 10:00 am on Wednesday. No, that is not a typographical error. It's a strange phenomenon. This afternoon I want to take the family on a picnic to the Blackwater Falls State Park near Davis. On our way I'm going to stop by the Olson Tower to try to do some daylight DX'ing. In nine days we'll be taking our summer's vacation. I need a rest, but the wife wants to drag me half-way across the country. That's no vacation. In October I'm planning on attending the twenty-fifth reunion of my high school's "graduating" class in Aberdeen, Scotland. Of course, it wasn't called a high school, and it was the for 6, and there was no graduation like here in America. Anyway, that'll be a vacation for me. Recent veries include CHIN-1540, Toronto, ON; WGMA-1520, Spindale, NC; WISM-1480, Madison, WI; WMAJ-1450, State College, PA; WPLW-1590, Carnegie, PA; WXCF-1230, Clifton Forge, VA; WBEG-1260, Cleveland, OH; WMGZ-1470, Farrell, PA; CKKW-1090, Kitchener, ON; WHIM-1110, East Providence, RI (thank you, Craig Healy); WIQT-1800, Horseheads, NY; WQIN-1290, Lykens, PA; and WRTK-1370, Rochester, NY. That's all for now.

Kirk Melhuish - 4635 N. LeClaire Ave. - Chicago, IL 60630 (pm 8-8; rec'd 8-11)

DX'ing sessions have been widely scattered here these days (like summer T-showers in 95-100 degree heat, hi). Summer job and senior project research keep me busy, and I bought a new airband radio, so have spent time listening to plethora of towers and planes (Is that anything like Dungeons and Dragons? hi -pls) On pedagogical subject, pls, best wishes and good luck at USC, etc. (Umm ... thanks, Kirk; I've put it off one semester until next January -pls) Unfortunately, knowledgeable radio-TV critic Gary Deeb has disappeared from local papers; anyone find him? (I think he's on TV, now, Kirk -pls) On the issue of personal vendettas being written in Musings, I found my helmet ... I think the editors' policy of editing is fair and pragmatic. Some of us may be insensible, but others may not be. Direct communication is the best form. What does a degrading comment achieve, anyway? Let's leave the name-calling to Washington and Chicago politicians, hi! You may not walk on water, Paul, but thin ice can be exciting, and at times, necessary. Where's my other skate? Good DX/wx to all. 73rds.

Steve Francis - 1620 Lodge Street - Alcoa, TN - 37701 (pm 8-8; rec'd 8-11)

Hi, all. News since last Musc are WBND-1490 MS atop 3:59 am 5-11 with MYLish fare, ID, and ABC nx. 5-17: TIHD-730 (ex-700) poor at 2 am after XEX s/off with Perry Como "Ave Marie", presumed NA, and "R. Roloj de Costa Rica" ID. Check SW 4B32 for easy //, as they do this nightly at local midnight (it isn't a s/off). XEX, NSP since '74, has been closing down nightly since March long-time-no-hear AN'ers CKAC and CHYR-7 are in often now, along with HJCV. TIHD no pest, despite listed 50 kw, but a loud Cuban comes on at 5 and clobbers the channel. A CPC request to Bath, ME will be in the mail this fall if XEX stays off. 5-31: WSTP-1490 NC fair with 4:59 s/on; local WITA also returns at 5, but they're now totally nullable on 250 w. 6-15: Umm WABC-1370 test unheard 1:01-1:15, unless they were the TT ending at 1:01. Nary a newbie here in June, but local GY action in July; on 7-9, long-sought WAM-1230 SC atop 5:31 am with SSB, s/on, and into weather. My 250th GY arrived on 7-14 with WKRM-1340 TN, readable under summer-weakened local WKGN w/ 1 am s/off, to return at 5 CDT. (We pause here, for a message from the ... editor. Read the last sentence again, ECB DX'ers. Steve Francis has just logged his 250th GY'er. Now clears, blocking easy DX? Congrats, Steve. I've yet to year 25 GY'ers, let alone 250. You get my award for persistence -pls) Local WIMZ-1240 was off AN for reasons unknown, allowing a "WHVN, Charlotte" legal ID at 2:59. So WHVN-1310 has taken over the facilities of the silent WIST, as Bob Lordo predicted in his 2-21 Musings. 7-21: WRHI-1340 SC heard 12:08 am with clear call ID and not much else, equal to WKGN. SM 7-24: WCDT-1340 TN actually topping WKGN with 12:59 s/off-SSB (to return at 5:30 CDTK), cleans up all six TN's on 1340 here. Their 1 am SSB had been tantalizing me nightly for over a month! No sign of the KCRN-1360 test of 7-25. 7:27: WAMM-1230 VA good 2:59 am with legal ID, local weather, and back to adult Contemporary; never head down here when on 940. /// I'm too broke this year for Hartford. (And I'm broke after... -pls) /// Ernie's right (Musings, 4-18): The ET from Wheaton, MD that I heard in '78 was indeed WDON, not WMDO - I was forgetting about the call change when I used "they." /// Anyone know which is the oldest CP in the Domestic Log? The ones for KDWR-630, WKVM-810, and WDCY-1130 must be at least in the Top Ten - it seems to me they've been listed for at least a decade. /// Thanks to all publishers, editors, printers, contributors, etc. for another fine season of DXN's, and best of DX to all in the '83-'84 seasons!

Paul Mount - 471 Emerson Ave. - Teaneck, NJ 07666 (no pm; rec'd 8-13)

Thanks to Al Tobin and Jerry Starr for their correspondence about tower-spotting. Does anyone know if there is or was a KKMB or CKMB? I'm probably the only person in NJ who actually planned his vacation to see Ohio. The trip of 7-8 - 15 took me to all but SW Ohio. Got to Akron (448 miles) in just over 7 hours, and went to dinner with George Greene and ex-member John Sully. Joined by DX News reader Dave Grim (sign him up! -pls); we spotted Tim Davison and drove around Akron seeing tower sites. Saturday we visited Dave Arbogast at WOOS in Canton, then went up to John's house in Wickliffe. Sunday thru Tuesday were spent in the scenic towns of Logan, Nelsonville, Bartlett, and Athens. Got BS at WATH-970's FM and WYNO-1130, the latter doing a great community service just by being there, offering low advertising rates, and live local programming. They get out decently for a 250-watt station, reaching Columbus, Parkersburg, and Zanesville (better than 1000-watt WLGW at 1510) and should really kick with the 1120/2500 DI allocation. Also visited a Decalcomania member in Northville, MI, and Fred Vobbe at WHND in Monroe, MI. While in Monroe I bought 70 45's from 1977-1983 at 3/\$1.00. Then with Gary Siegel we saw the Tidewater Tides (my Mets' farm team) thrash the Toledo Mudhens 12-1, and also got an extensive auto tour of Toledo. Next time, more travel notes. 73.

John R. Malicky - 995 Shadycrest Rd - Pittsburgh, PA 15216 (pm 8-10; rec'd 8-13)

I hope all of you have made your plans to be at Enfield for the NRC's 50th anniversary convention. It should really be something as I am really looking forward to it. I will be glad to meet any of you and talk DX and other things. I'm even passing up a chance to see the Pitt-Tennessee game or the Steelers-Broncos opener. I just did not want to miss this. /// The big story in broadcasting around here is the changing of the guard with leading morning personality Jack Bogut (? -pls) 15 years on KDKA, signing on with WTAE. The lure of \$\$ and a TV talk show did it. It has caused a flurry of activity between the stations as KD, trying not to lose its ratings, switched nighttime talk host John Cigna to the morning to start at 5:30 am (the same time as Bogut on WTAE) and bringing in other announcers to form the "K-Team." Meanwhile, at WTAE, the regular morning team of O'Brien and Garry were moved to WTAE's sister station WHTX-FM. Then comes WBZZ-FM trying to lure O'Brien and Garry to its station. All this to perhaps cause an erosion into KDKA's 17% rating. There were many articles about all these changes, and I have sent them on to Mike Knitter, so you can read more about it. KDKA even has a TV commercial for Cigna and had a full-page ad with his picture and the "K-Team." /// DX has been very, very weak during the summer, except for June 13 when I heard 6 new stations and sent reports to WKAT-1360, WOKE, WRDD, and WCDT-1340, but nothing back. Also reports to CJSB-540 and WWBR-1350. If anyone can help me with these stations, I'd appreciate it. Only one recent new catch that would make Tom Connatser proud is WZCO-940 at sign on on August 1 and 9 with "country 94" ID's. I've had at least 35 verie holdouts as the last one came on July 11. My year end totals are 79 out of 116, 470 verifications; and 118 new stations, 965 stations heard. Okay, swat team, on to Enfield!! 73's.

Eric Bueneman - 836 Lamplight Lane - Hazelwood, MO 63042 (314) 895-1426 (prepaid) (pm 8-17; rec'd 8-20)

To all NRC'ers, I extend greetings. There is a lot of activity on all bands during this super-hot summer (ECB included). The top five catches have been KITS-1400, MO on 8-10 at 1147 ELT, KDWT-1440, TX on 8-10 at 1219, WOIK-1320, FL (ex-WVOJ) on 8-1 at 1259, KKJO-1550, MO on 8-10 at 1235, and KLSJ-590, TX on 8-1 at 1230, at that time local WRTM off. Recent stations that have veried include: WROK-1440, IL, WDXI-1310 TN, KKJO-1550, MO, CKSB-1850, MB, KXEO-1340, MO, and WDR-1593, Germany. The KXEO verie was ECB Verie Number 100. Recently (two months ago at this writing, 8-17), I was in San Diego, CA. There I logged six stations with only one verie from KCBS-740, CA plus one FM from LA. News from MO: KIRL's new tower farm is under construction on Aubuchon Road in North St. Louis County, but KIRL has not gone to a 24-hour sket. KSD-550 is now on an NSP schedule with c/w mx from 0030 to 0600 local time (for ELT add one hour), but that may change. KSPR, channel 33 in Springfield, MO with a sket from 0600 to 0800 weeknights, and until 0030 on weekends. Good DX to all.

Steven Paradise - 18 Cornwall Ave. - Millville, NJ 08332 (pm 8-10; rec'd 8-22)

Just thought I'd send along a short muse, before short papers and such take all my time at school. First day of classes is Labor Day, so alas, a trip to Hartford is out. It would have been a trip I could have made, too; i. e., not too distant. On to DX of which there has been absolutely none. I really haven't fiddled with the dials all last season, save for a few hours on Christmas Eve. Right at the moment, I'm logging all of my locals before I head

off to college. (I am putting a little difficulty in the project ... I'm only getting Top-of-the-Hour ID's.) I am hoping that the DX bug bites me again, once I get to Susquehanna University, in Selinsgrove, PA. The location is really ideal: mountains, no pesky locals, not like Philly, anyway; and my room is on the third floor of a corner of the dorm, so less than normal electrical noise. There was an interesting program on Philly's channel 3 the other day: all about radio in Philly and the "fierce" competition therein. Most of the program devoted to FM, but a nice profile of WPEN-950 and their Big Band sound, currently #4 in the market. Also, the rumor mill started grinding out stories that WFIL-560 will drop country in favor of oldies, much like KHJ in Los Angeles. (Speaking of KHJ ... they have added a few of the current hits and also play quite a few of the '60's r&b hits on Atlantic/Stax and Motown. In the 5-9 am slot, Dick Whittington mixes a lot of talk with his records ... such as a recent phone interview with a lady who, for a price, would talk sexy with clients. MC and Visa accepted. So be ready, Steven! -pls) That's enough for now. 73's.

Neal A. Perdue - Route 1, Box 154 - Falkville, AL 35622 (pm B-15; rec'd B-24)
Hi, fellow radio freaks and other assorted nuts. Well, I suggested to Paul that he use more Liquid Paper and the first place he used it was on MY music, hi. No problem, Paul. /// A very slow summer here for a variety of reasons - static, heat, a new job in law-enforcement with crazy hours for awhile, ad nauseum. /// Only a few newies in the log, but here's what I have: 1450-WJXN, MS at 2002, 1550-CBE, CN at 8010 signoff, followed by KKYO MO; 1310-WIBA, WI at 0100, 1550-WKVL, TN at 0213, and 1000-WZTN, AL after WTAK signoff. I'm using my local time on those, but it seems to me that we have more different times to keep up with now than we did before. I think I'll just label my logs as SSS, evening, or night in the future, or just send them all to Dave with the BLT times. Too much to keep up with, as far as I'm concerned. So, call me a nonconformist. I've been called a lot worse than that. /// (I've had fewer than a half-dozen suggestions concerning recording time, by the way, all of them different, and I'm still open to suggestions as to how this problem should be handled. Send them with your Musings -pls) A very sincere TNX to Mobile member John Hancock for the requested info on a mail-order source for authentic "Cajun" mx. It's friendly little gestures like this that make NRC stand apart from many other radio clubs I've been involved with thru the years. /// I'm gonna say this ONE MORE TIME, in case anyone has missed the point: Having a Beast like my R-390A is great, but a GOOD portable, rotated, against a good loop, rotated, will null 2 stations instead of just one, and can bring goodies up out of the mud that CAN NOT BE HEARD on the boat anchor! I will say no more on that subject at the risk of running it into the ground. /// To those of you who write and haven't received a reply, I found several letters "under the pile" in the shack, addressed and stamped, and left them in the shack for another week. /// Rather a dull muse, I'm afraid, but just not a whole lot going on here right now. Best DX to all. /// Oh, yes, skip Arey's URR Users' Group Bulletin, at a buck an issue, is well worth the price for owners of such rigs! 73.

Pete Kemp - Bethel, CT (pm B-20; rec'd B-25)
The CNN Radio Network introduced its own weekday newscast Aug. 15. The network consists of 75 stations and will now have a live feed from 5:00 am to 11:40 am. WXYZ in Detroit has recently signed on and will carry the 5:00 to 6:00 am segment ... In Buffalo, WBBN will now carry the Sabres games, and Rick Jeanneret has been hired for the play-by-play chores ... Despite WHLD-AM change to a casual country format, Joe Rico returns for his weekly jazz show ... WGR has become western New York's first AM'er to broadcast in stereo. Bob Barry, a veteran of long standing in Milwaukee has left his morning stint on WOKY for a change to an afternoon slot on competing WISN ... Signal Media Corp. has purchased KAAY in Little Rock ... The two major Spanish Language programming companies, SIN (Spanish International Network) and SRBA (Spanish Radio Broadcasters of America), have filed lawsuits stemming from claims of advertising conspiracies, billings, and audience share. The Spanish market is an ever-growing one in the U. S.; every point in the ratings mean megabucks to those involved ... John Sterling, a former WMCA "Good Guy" is now affiliated with Turner Broadcasting and will be doing the Southeast Conference Basketball games. WMAL did its good turn for the DC community by raising \$11,500 to help send 128 senior citizens to summer camp. Jack Bogut, the numero uno morning man on KDKA for the past 15 years, has moved his act to WTAE-AM and will also get some exposure of their TV sister station. Ex-Angel, Jaclyn Smith, will host a daily 60-second program entitled "Alive and Fit" for the ABC Radio Direction Net. KFRC DJ Bill Lee has received his walking papers for using poor judgment in playing a locally-produced song about AIDS, sung to the tune of "America the Beautiful". Kind of reminds one of the famous Bob Dayton, immediate on-air

replacement on WABC years ago, when he played "Happy Birthday to You" on the anniversary of the bombing of Hiroshima ... Members residing in the KYW viewing area were treated to a twenty-part series on the "Radio revolution" by Dave Stanley. All the segments were then edited for a primetime special ... Soyna Friedman (you can see her on the USA Network on Cable TV) has just signed a four-year contract with the boys at WXYZ-AM/TV ... Gene Pell has just been appointed deputy director of the VOA ... The CBS radio Network and Radioradio, its young adult service, has begun its satellite transmissions (Satcom 1-R) ... John Landecker is suing his former employer WLS in order to return to the air in Chicago, this time of WLUP-PM ... Another former WLS staffer, Dick Biondi, a giant DJ of the sixties (once at WKBW) returns to the Windy City, this time on WBBM-PM ... After 30 years with KFAC, LA, Bill Carlson has retired ... WXRL-AM in Buffalo is taking on the Buffalo Bisons because their current station WUFO in Amherst is a daytimer, and who wants to leave a game in the middle? ... George Prantice has moved over to WGR from WBUF doing the news ... WCCO-AM recently aired the NFL game from Wembley Stadium, England. This must be a first of some kind ... CKLW, once a dominant market rocker, is changing their format to focus more on news ... Jay Mitchell, from WW5W, is now doing the oldies chores on WTAE and has inked a new pact with the Giants to continue airing their games for another five years ... So much for now...

Richard Eckman - 2900 E. Aurora Ave., #320 - Boulder, CO 80303 (pm B-30; rec'd 9-2)
It's been a few years since my last muse, so I guess that it's time to check in again. As a reintro- I'm 25 and a graduate student at the Univ. of Colo. in space physics. I expect to have a Ph.D. in a little less than two years. I've been an NRC member for nine years. Hopefully, some remember my TA DX of the mid/late 70's. Since moving to Boulder in 1988, DX has fallen off due to location (a TVI-ridden apartment complex) and lack of time. I still intently follow the DX scene and hope to reactivate my interest soon now that all of my course requirements have been fulfilled. I have very vague plans of relocating back to the northeast U. S. when I finish here, which will definitely help the TA prospects, particularly with the upcoming solar minimum. I enjoyed John Clements' article on the golden age of DX. I certainly agree with many of his thoughts, though transoceanic reception seemed to peak around 1976 (solar minimum) rather than earlier that decade. I'll never forget the many evenings of autumn, 1976, when 40 to 50 TA signals (some just carriers) made their appearance on the dial and such stations as Tirana-1394 and Monte Carlo-1466 would boom in at amazing levels. Well, that's enough reminiscing of the good old days. My next muse should be more DX-filled.

Mark Connelly - 30 William Road - Billerica, MA 01821 (pm B-30; rec'd 9-3)
I read with great interest John Clements' commentary on the "Golden Age of DX'ing". On many points he hit the nail right on the head in terms of the post-Boston Publishing Committee stagnation in what I call the field of "DX Engineering". Despite manufacturers' regular releases of new, potentially-valuable, RF semiconductors, little of the knowledge seems to be working its way down to homebrew MWDX projects. John mentioned PM as a reason why so few new AM DX'ers come on the scene these days. Brad Chappell's Musing reinforces this idea. Several other leisure-time forces are also at play: these include (1) Cable TV (2) Video Taping (3) Home Computers and Video Games, and (4) an upsurge of interest in physical exercise, such as jogging. "RV pollution", especially from light dimmers, is a serious blow against DX'ing that should not be underestimated. Although I've been an active DX'er since I was an 11-year-old kid in 1960, I didn't join any clubs until I met Gordon P. Nelson (GPN) in 1971. By the time I gained enough confidence to start contributing to IDXD, the "golden age" of which John speaks had pretty much come to a close. Some newer DX'ers may have read John's article and felt that their more recent efforts are being belittled. Such should not be assumed; many fine articles on foreign and domestic DX'ing have been written since 1973 (e. g., Pete Taylor's travelogues), some amazing loggings are still reported to IDXD (India by Brian Vernon, for example), and at least a few (notably Lanford and Hutton) turn out technical articles of considerable merit. John correctly mentions, however, that a lot of new ground was broken in the 1969-1973 era. GPN cranked out more paperwork in the cause of DX'ing than most of us generate in our full-time jobs. Few could, or would care to, be as committed to DX'ing as Nelson was. For most of us, such immersion in what is supposed to be a spare-time pursuit could have detrimental effects on jobs, marriages, and health. Let's face it - they guy wrote the book on DX'ing and it's doubtful that there will be any mad rush to re-write it. The tired old AM band probably doesn't have the "magic" needed to inspire such arduous efforts anymore: the "GPN's" of today are no doubt pouring their energies into exotic computer programs instead of exotic DX.

G. Harley DeLaureore - P. O. Box 18 - Hendricks, WV 26271 (pm 9-2; rec'd 9-6)
 DX'ing lately has been on the upswing. I've been doing a little bit of listening lately and have added several new stations. It might seem strange, but many of my new catches are stations with new call letters; therefore, in a way, they're not new stations. E. g., I heard WQCT-1520, Bryan, OH, but I already have a verie from WBNQ. Too, I noted WMLP-1310 and KOZQ-1270. I noticed that WBBE-1580 is giving its address as P. O. Box 11845, Lexington, KY 40511. The other day I received a nice QSL card from the CFB Beacon NB (530) of North Bay, ON. It's the first beacon that I've confirmed. Here are some questions that I have. I know that some of you brilliant ones can help me. (1) Is the Tulsa, OK station on 1430 that identifies as "The New 14-K" still KELI? (2) I heard the Johnston City, IL, station on 810 announce as "W Triple D." Is it WDDD now? (3) What's WKCM's frequency now? (4) How can I get a listing of all AM college campus carrier current stations such as WCDE-640, Elkins, WV, and WAKW-610, Washington, DC? (I don't believe there is such a list, but I could be wrong - pls) Well, that's it. I must go to work.

Terry A. Klasek - 9728 Vickie Place - St. Louis, MO 63136 (pm 9-3; rec'd 9-6)
 Well, hello all. Even though I was unable to attend the convention, I was there with you. Welcome to new member Bob Flick who has been part of the St. Louis DX crowd for 3 years. Since all local DX'ers I talk with were in Hartford, I did, believe it or not, plenty of DX'ing. In addition to stations already veried, I picked up WHIZ-1240 again; hopefully, they will answer this 4th report. Remember when Billy Batson (Captain Marvel) worked at WHIZ-TV/Radio (1940's-50's)? Other newies are WJW-850, WATH-970, WWST-960, WBRJ-910, WARO-540, WADC-1050, WELX-111, WKKG-1110, WILE-1270, WIZE-1340, WCLT-1430, WTNS-1560, WBLY-1600, and my 3rd follow-up to WAVI-1210. More followups have been sent out to those holdouts who do not answer listeners' mail. I did receive a verie from KRVN-800 that was mailed from Atlanta (not Nebraska) on 8-24-83 for an April, 1980 reception! This is the longest time span for verification in my logbook - 3 1/3 years! Also received a verie from Saudi Arabia-1521 in 6 months for 3 IRC's, via registered mail. Visited U. S. Tape and Label again, and got a big package for Sam Barto. Attention Rob Harrington! I have been hired by your favorite restaurant, Pizza Hut, as an assistant manager. If you come by for a pizza here I'll only charge you double, hi! I sure did miss meeting all the DX'ers I met in Louisville this year in Enfield, but just can't afford it. I hope to see everybody next year. Will report more DX as it happens. Veries now stand at 95%, and I hope to hit 1,000 this season. Good DX to all, even Mr. Microphone de TAK.

Neil G. Zank - 623 Lyncrest Dr. - Lincoln, NE 68510 (pm 9-5; rec'd 9-7)
 Tonight I am thinking about the NRC's 58th anniversary convention, and makes me want to get busy and Muse. Some time has passed since my last contribution. Not very much has been done in the way of MW DX here all summer. In April we lost my mother to an unexpected heart attack, and that kind of slowed everything down for a while. (Our deepest sympathies to you and your family, Neil - pls) In July I did visit in Cedar Rapids, IA, for a week. While there I had an opportunity to visit the Collins Radio Ham club who is celebrating the 58th anniversary of the Collins Radio Co. this year. While there, I got my hands on some pretty impressive receiving equipment, all-band receivers with digital readout. They were connected to directional beam antennas but tuned only on the SW while there. But quite interesting nonetheless. One receiver was a Mil. Spec. type and the other was in a ham transceiver. Both sell for several thousand dollars. In the area of NRC business, we have had a couple of CPC volunteers show up during the summer and thus we have a start. We can use help from all of you out there in radioland. I had a visit from Wayne Heinen enroute East for the convention; he stopped over last Mon. night. He went on his way very early Tues. morning, heading for Hubbard, OH, of all places. It was great to see him, and I hope all of you conventioners had a good time this year. I am looking forward to the NRC 58th anniversary book; I am sure that it will be worth waiting for this year. I think that I will close this out now, and will soon get into the swing of things for a new DX season.

Harry Hayes - 9 Henry St. - Wilkes-Barre, PA 18702 (pm 8-20; rec'd 9-9)
 The latest verie received here on 8-4 was a most interesting one from WVMR-1370, Frost, WV for a 6-25 sunset reception. The C. E. in his letter tells me that WVMR is a non-commercial, community radio station. He goes on to say that the area (the eastern mountain region of WV) is not served by any broadcast service so the people of the community got together and formed the Pocahontas Communications Cooperative Corporation, applied for a license, and financed the construction of the station themselves; thus we have WVMR (West

Virginia Mountain Radio). The C. E. was kind enough also to include a brochure of the station. Purpose of the station as noted in the brochure is to set up some communication between the people in the area and help promote the rich mountain heritage in the region. Also, the station had received a grant from the Corporation for Public Broadcasting and also is eligible to receive programs from National Public Radio. The WVMR studios are housed in an "energy efficient, earth-sheltered, passive solar building", according to the brochure. C. E. says the station went on the air in the spring of 1981 and "radiates 2500 watts from a single, series-fed radiator 180 feet high." Locally, WKRZ-1340 is trying an alteration of their format by combining a news station with a music station. According to an advertisement in the local paper they program news from 6 am until 9 am, then program "1340 Ballroom" which is a program of "popular adult" mx from 9 am to 4 pm, breaking at noon for a half-hour newscast and news on the hour and half-hour. At 4 pm a two-hour newscast begins, and then at 6 pm they simulcast local channel 16's evening newscast. I listened to this tonight, and they even left all the commercials in. This is something you GY DX'ers might listen for this fall; mentions of "Newswatch 16". From 6:30 to 9:30 pm they program "Musical" which is a program of movie tunes from the past. At 11 pm they simulcast Newswatch 16 again. This outlet was an all-news station as WBRF, but when the WKRZ owners took over in 1980 they decided to program "Music of your Life," much to the chagrin of loyal listeners who complained about the loss of the news station to no avail. I guess WKRZ had to wait for the ratings to tell them what to program.

Gary Mitchell - Box 1003 - Fairfield, CT 06430 (pm 8-29; rec'd 9-9)
 I really gettting NRC and IRCA bulletins, so it sure has gotten boring at 1 per month. Please, if anybody knows anything about this so-called "FM Club", please let me know and perhaps even send a sample copy of the bulletin. I wrote the Buffalo address twice, only to have the SASE stolen twice. (? - pls) I find it hard to believe nobody cannot start a club similar to NRC/IRCA but FM. (No one has bothered to try, Gary - pls) A burned-out subject long ago, but in my opinion like most I do not think FM belongs with NRC/IRCA. There is a commercial CBC 88-108 MHz that most listen to and there is DX skip, etc. But nobody has an FM club? (WTFDA does an excellent job, but they cover TV, FM, and the utility bands as well as the 88-108 band - pls) Sony keeps on talking about its upcoming stereo receiver but it's yet to be seen yet. Also Sansui. Then of all things FCC just recalled all Harris exciters all over the USA because of deviation from the FCC's earlier acceptance. So what's next? I remember listening to WFBR-Baltimore using stereo; must have tested it 15 years ago ... things sure work slow. Talked to WVPR-850, Ridgefield, CT and they supposedly now have tower up and are connecting things, etc. But they seem in no hurry to get on the air. WCAT-1390 MA - was surprised to see get 700 KHz. It's really getting interesting. All these clear channels getting day stations. Very interesting. I think it's wonderful for days but cluttering clears at night ruins everything. But yet I used to (still do) listen to WLW-700 at high noon here. Guess no more. Used to listen to WKBN-1520 days but WPOE took them out. If you have a sensitive radio, days are sounding like nights (but can null days). One thing I note before closing ... upon being a member for awhile in these DCB clubs I have encountered the strangest phenomenon. It's some people's music tastes. Certain people take their formats so serious that they will literally have nothing to do with anybody who is not of their music breed. If I say I like rock, a certain percentage hate me. (Tsk - don't be so paranoid - pls) Certain people push their old-fashioned station format favorites like it's the only thing on earth. Personally, I could care less about a person's musical tastes. Rock is not all over the radio if nobody listens to it. I'm awre some understand me. In the past even the mention of rock stations was censored in Musings. (I seriously doubt that, Gary - pls) Old-style formats promoted like heaven. I dislike punk-rock/new wave but don't curse the listener. (Whew - I'm safe - pls) I'm just old-fashioned? (Life's too short to get all lathered up over anything, music included. Me? I like all kinds of music, with rock (all kinds), bluegrass, classical (baroque), easy-listening, country, Dixieland, and 30's/40's big band being my favorites, in that order. One thing I'm not is narrow-minded - pls)

SHOW AND TELL IN CANADA, PART II

Tony Fitzherbert - 356 Jackman Ave. - Fairfield, CT 06432 (pm 9-6; rec'd 9-9)
 Hi. First, family obligations negated a trip to the convention this ear - oh, well, first things first. I did manage to get a rail trip to Montreal and Toronto. While in Toronto, I got to the Toronto Islands - nice ferry ride - on the island are the arrays - CKEY, in the lake and another array of guyed, about 150-foot high towers - five of them - can anyone identify

this facility, in the middle of a bird sanctuary? (It's gotta be CJAY, hi -pls) Would appreciate it, as I want to label my slides - thanks! Also, courtesy of Via Rail, I saw the Five towers of CKAR-1350, the three-tower daytime array of CHUC-1450 (heard by me in PA), next to the Via Rail tracks, the 6-tower trapezoidal array of CHWO-1250, next to a power plant in Clarkson, seen from a Go Transit train - and CFRB. Also, saw the studio building of CHIN in an ethnic neighborhood in West Toronto, and CJCL, on Ongo Street. The Marketing Director of another Toronto area station met me at the end of the Go Transit line, and I got a good tour of the studios and offices, the XR site with its seven-tower array, and was interviewed at a remote broadcast at a shopping center about DX'ing, the NRC, veries, and why anyone would stay up all night to listen to the radio, by the PD. A station profile will follow, much to the delight of the station. Speaking of station profiles, Al Tobia has contributed the ingredients for the very in-depth profile and history of KPAX - thank you very much, Al!! The next Muse will be for all of you who are thinking of visiting WJNG or WFUN to do a station profile - or better still, your friendly local station - some stock questions to structure an interview. First catch of the new season is WILD-1090, who must be on their new 5 kw XR. Good DX to all this season!

VACATIONING IN NORWICH VT AND MARTHA'S VINEYARD MA

Peter V. Taylor - 2614 Jackson St. - San Francisco, CA 94115 (pm 9-7; rec'd 9-9)
Setting the tone of the vacation on Aug. 12 was my actually forgetting to take any radio; truly a first! With the ICP-2001 and SM-2 at home, I used one of those big Pioneer stereo portables at our hosts' place in Norwich, VT. Of note was (presumed) CJVA-810 in FF with c/w over WGY, 8-19 at 10:30 pm. CKDS-900 noted alternating in EE/FF with a remote at 10:40 pm. Red Sox vs. Blue Jays was on WHJJ-920 and (presumed) WWHK (pinched audio quality) and WFGM-960. Cuban heard very strong on 1160 8-20 at 12:23 am. After going out and buying some antenna wire, I finally noted the Pioneer had an external ground connection screw, but nothing for an antenna (the handle was the antenna) (Oh, the joys of using consumer products for DX'ing -pls) CJSS-540 heard regularly, fair. From Martha's Vineyard between 8-24, -30, using a JVC mini-component setup, WKXA-900 in surprisingly well. However, the biggest surprise was the strength of WYN2-970. Surely their towers must be sitting out in the water off Portland. DX and most other activities were limited due to son John's getting Salmonella food poisoning in Norwich, followed by my getting a similar (but not quite as devastating) bug on 8-27 (my wife was thoughtful enough to wait till we got home 8-30 to get hers). As a result, I didn't get to hear Ernie Cooper's marching band program on 91.9. 73.

Bill Hardy - 2381 Pacific Ave. - Aberdeen, WA 98520 (pm 9-7; rec'd 9-10)
Paul, sorry to miss meeting you at the Seattle Convention. Nancy and I couldn't be there. (We missed you two, too -pls) We did manage a trip to eastern Washington in early August, and noted that KWWW-1340 Wenatchee, "K-W-3", has moved from top 40 to the adult contemporary "StarStation" format of Satellite Music Network. KWWW drops all RKO news and features. KOZI-1230 Chelan is now Mutual, ex-Ac, still pop music. In Ephrata, KTRQ-730 has new owners and has reverted to its original callign, KULE, adult contemporary pop music, using the "73" slogan a lot, no network. The former owners of KTRQ-730, Read Broadcasting, have a new 10 kw daytime, KTBI-810 Ephrata, now on the air, simulcasting FM's in Ephrata and East Wenatchee plus a few FM translators. "Read Broadcasting" ID's mention all the stations. Major format of KTBI is the same as the old KTRQ: Blocks of paid religion, old-time radio shows, big bands, and classical music, with NBC news on the hour. Originally I understood KTRQ-730 to have a CP to move to 810. However, it appears the 730 station was "sold" to a new owner with the old KULE callign resurrected, and 810 appears to be a "new" station. I logged KULE-730 years ago. If I'm lucky enough to hear it again now, it won't count as a new logging. Never did log KTRQ, though, and KTBI-810 will be rough here, thanks to KGO's potent sunrise/sunset signal. Back home first new logging since March is KYJC-610 Medford, OR, ex-1230, very strong 8-28 1:12 am on first try since moving to 610. Pop or top 40 music, female DJ, wx, Medford ads, KYJC jingle. Still plenty of KONA/KPRC even with KYJC on. Next time, I'll describe my first "visit" to an active TIS - the one near Mount St. Helens. 73 and good DX.

Tom Connatser - Route 9, Box 78 - Sevierville, TN 37862 (pm 9-7; rec'd 9-10)
STOP THE PRESS!!! Disregard the listing of stations using the Harris AM stereo system which appeared in DX News #29. The FCC has revoked its type acceptance of the Harris STX-1 stereo generator, saying that the units being shipped differ fundamentally from the samples submitted for the type acceptance proceedings. Harris was ordered to cease producing the units and to

recall all of the units now in use by Sept. 1. A current Harris ad shows the system was in use at some 82 stations at the time of the FCC's order. This move is obviously a major blow to both the Harris Corp. and AM stereo. I was going to have some further thoughts on AM stereo this Muse, but in view of the above I'll hold my commentary until the Harris problem is resolved. I will say that it appears that the FCC is determined to destroy broadcasting as we now know it through its silly deregulation moves. (Some would see it as progress, Tom -pls) The Harris incident is, I am afraid, just one more nail in AM radio's coffin. (Tek! So pessimistic! -pls) Another problem facing today's DX'er is what to use for a rx. The Radio Shack catalog does not list the venerable TRF or a successor to it; could this great rig have finally died of old age? Also, the last DXN contained a nasty rumor saying the GE Superadio may have also bitten the dust; if this is so, two of the best DX machines around will be but memories. Conditions haven't opened up yet, but I'm certainly hoping they will soon, and that things will be better this year than last. No DX to report this time, but there are a few new stations on the air and other changes to report, so be sure and check out DDND this time. I will list a couple of not-heards here: WBTZ-1080-Oliver Springs, TN has never been seen or heard by me, even though I pass through the town on my way to Wartburg and WECO. Also, no sign of WYLO-1410 Kingston, TN even though they are rumored to be on the air again. Certainly hope everyone had a great time at the Convention; this one was a little too far away for me. Besides, somebody had to stay behind and create some DX to be heard, hi! Maybe I'll have some DX to report next time. Until next time, 73 and best DX.

I SAVED 20 CENTS WITH THIS MUSE!

Ernest Cooper - 5 Anthony Street - Provincetown, MA 02657 (617)487-9337 (pm 9-7; rec'd 9-10) Yep, this 'un is being handed to Paul at the NRC Convention. (Ernie, we gotta tell them; you forgot it and mailed it! -pls) Congratulations to new member Denny Adkins on quitting smoking - you'll never regret it, Denny - I quit 16 years ago! Veries: A surprise pink v/q from Radio Free Grenada-990 for 2-20-82 reception and a v/l from WRCP-1290 (on WICE stationery) were the only additions to the collection over the past five weeks. DX: Thur. 6-9: WKLV-990 noted at 12:47 am using their FM audio, including commercials, and several days during the summer also. Unn WHHL-1320 was testing at 1:23, off at 1:30, along with their FM, full data given. Sun. 6-12: UNID TT'er on 900 1:14-1:32 am. Unn WLIM-1590 NY testing at 1:50 with mx from "Cabaret". MM 6-13 was AU, WRAI-1520 was riding high all AM; and an UNID SS topped 1120 before 1 am. Somebody on 1530 conducting a POP, caught at 2:01, no ID's noted. R. Exitos-1550, Barranquilla, was strong this AM too. Then followed a quiet week. Thur. 6-23, TT back on 900 again, 12:48-1:09. TT also on 1370 at 1:43 am. Fri. 6-24: WKXZ-950 Me in/out un/WPEN/WIBX carrying Larry King and ABC nx, saying they'd carry the All-Star BB game on 7-6. FPC's CBJ-1500 and CJBC-860 were broadcasting mx still at 2:18 am! MM 6-27: Loud Cubans on 640, 690, and 1160 An'ing. Unn KRMG-740 TT'ing much of the morning. Fri. 7-1: There's still someone off-frequency on about 1451 during the wee hours; I suspect WKAL, Rome NY - anyone know for sure? Sat. 7-2: Unn WKAP-1320 made a rare appearance on RS-AN today at 1:04, mentioning Gaylord Bg. Co. Wed. 7-6: Unn CKBH-1490 An'ing and topping the channel from time to time, and another FCC did likewise on 1230 on Fri. 7-8. That AM also saw a TT'er weak u/the 1290 AN's. Sat. 7-9: Unusual reception today of WAEB-790 o/WBAN at 1:05 am. MM 7-11: CJSS-540 had a tele-talk thing this morn at 12:42, with a man calling in arguing with the emcee who supported Jerry Fallwell. WAEB-790 was solid this morn with WENN off. Unn WKNE-1290 was conducting a marathon AM. MM 7-11: TT'er on 1260 u/a WNDR/CIHL, 1:04. Unn WLEB is believed to be the BFL on 1480 AN'ing on MM; ID sounded liex W-Lee-1480, or possibly WA-1480. MM 8-1: Unn CFLS-920, FPC, o/WHJJ at 1:49 am. Tues. 8-2: Unn CFJR-1450 ON topped this spot much of the morning. More next time. Our FM'er WOMR-91.9 is now on with its new 1 kw XR, running NSP except when power surges knock us off the air. We're having our second annual marathon fund-raising week ending with Labor Day. Let's hope we achieve our goal of \$10 thousand! Forward - March!

Ken Onyachuk - 239 Fir St. - Park Forest, IL 60466 (pm 9-7; rec'd 9-10)
Hi, friends. I saw that massive 11-page log updater and nearly got an instant headache. Ken Chatterton, congrats for a thorough job - but you sure know how to put a guy to work on updating a logbook. It took me four days to go thru it. But those changes are indicative of the chaos going on at the FCC. I wonder what it takes to get a job there and straighten them out, hi. I just couldn't believe all those call letter changes and stations going fulltime and changing frequency. Incredible. We even made it out to Lake Michigan 3x where I did some DX'ing on the beach near E. Chicago, IN. I got some

interesting daytime listening via the big drink, but too extensive to cram in 38 lines. But I have to say that this summer has been more fun than ever since the Chicago White Sox on their way to their 1st pennant in 24 yrs. I listen to WMAQ more than ever, especially to the high-rated Jimmy Piersall post-game show. I enjoy the action on Ch. 32-WFLD. I have added just 1 station to my log. Fri. nite 8-26 I was trying to hear the K. C. Royals game on 588-WIBW. Only I heard just NBC Talknet that time. It clearly ID'as WTCM, Traverse City, MI at 12 pm. Yes, I wanted it very much. Now I would like to DX 1198 WERD-WI, though I hear that its directional pattern favors the opposite direction. Also, I'm rather surprised at the weak signal of 1140 WVFL in mid-state Pekin. It used to sound pretty good for 5000 w, even at 130 mi. or so. Since the 100-degree weather hit its signal seemed to take a power drop to ease electric costs, I guess. Eric Loy, what goes on, buddy? A local note: 1390-WVON is envious of its FM affil, WGC1, that it wants it both on AM and FM. WGC1 is a popular black mx stn and the AM outlet wanted to cash on the popularity. So AM 1390 and FM 107.5 will be both WGC1 soon. Anyway, the WVON call was rather obsolete. WVON stood for Voice of the Negro. Local pest 1470-WHPP has been 24-hr. B/GOS for awhile. Cox Broadcasting is very interested in 105.9 WXFM and now we're awaiting what Cox will change the jazz format to in Jan., '84. It's a pretty good stn., but in a huge market like Chicago, it had trouble getting a decent rating. I did like the good jazz selections on it. I did have more affection for 1880-WCFL, but its ancrs seem to talk more than I like to hear, so I rather would listen to more relaxing suburban stations. I like to listen to very-conservative talk stations while I work. It keeps the mind stimulated. Nowadays, I have some severe financial problems to take care of, but I still aim on finishing a radio station book I started last year. It will be a condensation of SRDS and Broadcasting Yearbook. Gotta lot of work to go, but I do enjoy this "masterpiece". But after seeing Ken Chatterton's updater, Yuyuyuy. That updater was a winner. Before I close I must thank all those who have put DX News together in the last year. I enjoy it thoroughly. Full of stimulating articles, by stimulating members. We have a top-notch publication. I'm proud to be part of it. Enjoy the Convention. Like everybody else, I have to work. 73's.

CONGRATULATIONS TO THE NRC SWAT TEAM

Bruce A. Conti - 39 Rayberry Drive - West Warwick, RI 02893 (pm 9-7; rec'd 9-10)
I attended the NRC 50th anniversary convention; it was my first convention, and I'm hooked. I plan to spend my next vacation in Colorado for the 1984 convention. There was plenty of beer and DX talk as I met many of the NRC'ers I've only seen in the past through the pages of DX News. Glenn Cooper, Bill Grant, Phil Sullivan, and I formed the championship team that won the "Find the WSRD Bumpersticker Contest" and "The First Annual Alphonso Bedoya Scavenger Hunt" using deceit, cunning, logic, and devious methods as prescribed in the contest rules. (Humph! I'll say you did, hi -pls) The banquet was excellent, which seemed to surprise many conventioners. The auction was interesting, with the highest bids going for issues of Radex, and a St. Pauli Girl T-shirt! (And she wasn't even wearing it! -pls) There was even some time left over for some DX'ing. On Sunday night, one of the best catches at the convention beverage antenna site was Portugal-1835, coming in loud and clear. The beverage antenna did an outstanding job of nulling out Chicago, Cleveland, and Detroit. Overall, it was an excellent convention, thanks to the efforts of Ron Musco and the NRC SWAT Team! Be on the lookout for the Providence area making a serious bid for the 1985 convention. 73's.

Tom Farmerie - 62 Sunrise Ave. - Grafton, MA 01519 (pm 9-8; rec'd 9-12)
I was somewhat relieved that the 50th Anniversary Book was done in time for Enfield, and that it was well-received. (It was terrific, Tom, and a big thanks from all NRC'ers to you and the team for taking the time to do it right -pls) Note that the title page says "Book One", as some of us are planning a sequel, maybe in time for the '84 or '85 conventions. I wish to solicit constructive comments and suggestions from any of youse guys. If you wish a reply, send an SASE please. If you have any new ideas for features and are SERIOUSLY interested in joining the staff let me know ASAP. I figure that I put in a good 600 hours on the project, and the others similarly sacrificed much personal time and expense. Book Two should be a lot snicker, hi. Much material was uncovered after the book went to press; e. g., many, many photos from the 30's and '40's. I hope to start a semi-regular DX News column soon on BCB DX history; what you have seen in the book is just the tip of the iceberg. (I hope you are successful, Tom; the history needs to be recorded -pls) Came back from Enfield really enthused to do a lot of DX'ing this year as August conditions showed some promise.

Edward R. Cotton - 4106 2nd St. - Chesapeake, VA 23324 (pm 9-5; rec'd 9-12)

This word just to let everyone know that WGH AM and FM is no longer. Another three-letter call gone. At 10 am EDT 9-1-83 they became WNSY AM and FM. They simulcast and ID as Sunny 97 but use calls frequently. Hope everyone has a great DX season. I will report on my catches more this year. 73's.

Ray Arruda - 47 Burt Street - Acushnet, MA 02743 (pm 9-8; rec' 9-12)

Arlens and I did manage to make it to Enfield for the 50th Anniversary Convention. We arrived around 11 on Sunday morning and left at 7 am Monday. After Tipping a light number of beers thru the day and evening it was in our favor to stay overnight rather than attempting the drive back that evening. We thoroughly enjoyed ourselves meeting old friends and many new ones. Our only regret is that we could have made it earlier for the banquet and had more time for lengthy conversations with many of you ... especially those whom we met for the first time. Hats off to the NRC Swat Team! This was my first convention since Louisville '76, and I finally got the chance to meet Dave Schmidt, after many years of correspondence thru DDXX and phone tips. It was a memorable time, as all conventions are. The receiver hasn't been on since March, but that will change soon. Nothing like a good convention to rekindle the interest! Hope to have some DX in next Muse, and don't forget Thanksgiving! If we can get a decent car, we'll be in Colorado Springs in '84. 73.

Paul Swearingen - 7310 Ensign Ave. - Sun Valley, CA 91352

My hat is off to the NRC Swat Team for one of the finest conventions ever (even if they and Bruce Conti's team did conspire to lead my team astray in the bumper sticker contest). An alumnus of that team, Wayne Heinen, will be studying to match the good times in '84 in COLORADO SPRINGS for the convention, so firm up your vacation plans for the next Labor Day weekend so that you can attend the 51st Anniversary NRC convention. For those of you who didn't receive a score card concerning my current employment ... at least for the time being I am now a full-time radio and TV salesman for Montgomery Ward. My tentative plans for future employment have been put on hold for awhile, I think. So keep sending Muses to the above address. Local KZLA-1540 is now broadcasting in Motorola stereo. The latest I read on the Sony ICF-2002 is that it is due out in October, so expect it around Thanksgiving, hi. As we end this 50th volume of NRC's DX News, let me repeat some general guidelines for future Musers. Basically, your Muse should be of assistance and interest to BCB DX'ers. Anything else is secondary, but still welcome in moderation. The publisher and I reserve the right to edit any Muse for content and mechanics, but if your Muse strays too far from DX'ing, I'll send it back to you and ask you to revise it ... and don't take the situation personally; we are striving to maintain as high a professionalism as possible within a club publication. We won't print personal attacks against persons or groups of people, but we welcome second opinions on ideas and theories. Try to avoid making your Muse merely a list of your hears and veries; tell us a little about yourself, but don't get carried away. If you don't know how to make your DX'ing experiences interesting, study Ernie Cooper's Muses to see how he does it. Also, if you're testing a technical idea but don't have quite enough for an article, toss out your ideas in this column; there are many members who will be more than happy to give you ideas that perhaps you can put together for a "final word" article. Got a comment that would help us improve Musings? Send it with your next Muse! Finally, as I close this column for Volume 50, I'd like to express my heartfelt thanks for the many words of encouragement and helpful suggestions I've received from NRC members. My immediate goal was to build on Ernie Cooper's firm foundation of 36+ years in preparing this column, bringing in my own ideas to continue improving it, and with your help and support, I'll try to continue improving it. Thanks, and 73.

From the "Oops" Dept.: Steve Kennedy, your Muse got lost in the shuffle ... and will appear in the next issue. Sorry! -pls.

AS LONG AS THERE IS SOME WHITE SPACE HERE, I'LL JUMP UP ONTO THE BOX MYSELF AND THROW OUT A FEW WORDS OF WISDOM? BY NOW, YOU SHOULD HAVE NOTICED THAT WE HAVE THE FAMOUS CUBAN AM STATION LIST, ONE OF THE VERY FEW PLACES YOU WILL SEE SUCH A LIST, THANKS RON. THE 50TH ANNIV. BOOK IS ANOTHER FIRST, AS MENTIONED ON THE FRONT PAGE, THOSE THAT HAVEN'T SEEN IT, YOUR REALLY ARE MISSING OUT ON A LOT OF NRC HISTORY AND BACK GROUND INFO ON THE CLUB ITSELF. AND THERE REALLY AREN'T A LOT OF COPIES LEFT, THERE WEREN'T VERY MANY PRINTED IN THE FIRST PLACE. THE BOOK IS OVER 200 PAGES LONG AND IS A FULL 8 1/2 X 11 SIZE WITH A LOT OF PICTURES AND OTHER ITEMS. SO... IF YOUR GOING TO ORDER, I'D DO IT REAL SOON, LIKE TODAY!!! WHAT ELSE, DO WE HAVE UP OUR SLEEVES AND MANY OF YOU SAID AT THE CONVENTION....."WAIT, AND SEE."



Your bids go to the Address at the right and NOT TO HRC HQ. Orders for direct sale items and for All bids should be sent to: MAKE YOUR CHECKS & MONEY ORDERS OUT TO "HAP"

SAM BARTO
47 PROSPECT PLACE
BRISTOL, CT 06010

This page brought to you as a Public Service of the NRC

HAP THANKS: For recent donations of articles for HAP we thank the following individuals....

Mark Schlesinger, Ian McFarland, B. Robinson, J. Mccain, J. Portney, E. Howard, R. LaVoie, C. Mann, Y. Choussy and the rest of the people at ANARC-81 in Washington D.C.....Sam.

READ ON AS WE HAVE MANY NEW ITEMS THIS TIME...Sam.

HAP DIRECT SALE ITEMS: The following stickers/decals are \$.25 each or any five(5) for \$1.00

Now since last issue: Radio Clyde, Radio Bucharest, Radio Tees, Radio Milano International, WRSR, Radio Canada International, KVR, Swing Radio International, Radio France International

(large) (circular) (small) (blue) (red), Radio Vatican (square) (small) (semi-cir.), HIBY, WMAI, KMMK

WRIF, Radio Sweden International (small) (large) (circular), Radio Suede International, WCBM, KCFH, ANARC (small), WJAN, WMLI, WGLI, WJCB, CFTI, Radio Heures (red) (green), WJNC, WJWR and Radio

Berlin International (large) (small)....The following are also available at the same prices:

Radio Derby, RFE, HDR (small) (rock), WJMS, Radio 270, Break Radio, KWJG, KFDG, 55-Country, KLRZ, WMLI

WABU, KJAM, FM-98, FM-102, Radio Monte Carlo, Metz Quantro, PCH, Polakke Radio (green) (blue) (gray)

(orange), Radio Budapest, Fanesca Sound, BJKC, KTYD, RIAS, 6WF, Radio Deejay, ORF, SKY, 42A, 123, WCCI

Metro Radio, WJLB, RHD, EVET, KEDI, KXPX, KPNR, KOME (black) (yellow), WQHF, KDKD, WCFI, KTOX, SEZK,

WJFM, WJRS, WJDI (mini), WZ20, WJRE, KROY, WJUG, WJMS, WJPC, KLOS, KWIP, HATA, KCB, KYYX, KL0L, WJNS, WJDEI,

WJLI (Scenes) (Doors) (Rock n' Roll) (AC/DC) (Who), WJLE, WJDO (mini) and ESPN.

HAP BID ITEMS: #738: Voice of Indonesia cloth pennant (4x9") m/c-nice! #739: Hores Radio (Norway)

paper pennant (3.5x8") red, white, blue, #740: Radio Mexico sticker (3.5x4.5") m/c. #741: Deutchlandfunk (FRG) vinyl pennant (5x7.5") m/c-beauty! #742: Deutchlandfunk sticker (5x6") m/c. #743:

Radio Carina (Custa Rica) cloth pennant (4x8") white, dark green, #744: Radio Universidad de Concepcion (Chile) cloth pennant (2.5x3") m/c-beauty! #745: Radio Veritas (Philippines) paper pennant

(3x5.5") red, black, blue, #746: Radio Cayman (Cayman Islands) sticker (3.5x1") orange, BSW-vase!!

#747: Radio Clyde (Scotland) metal badge (2" cir) red, white, #748: RFI (France) key chain, silver-very

very nice! #749: Radio Clyde key chain, red, white, #750: Voice of Free China-NA Service

cloth pennant (3x8") red, white, blue, #751: FEBC (Philippines) paper pennant (4x9") m/c. #752: RFI

bag tag, blue, white, #753: SUV (Australia) sticker (2.5x10") yellow, brown, #754: Radio Peking cloth

pennant "Girl with Bullfight" (6x11") m/c-beautiful! #755: Radio Man Bator (Mongolia) paper pennant

(4x6") red, blue, gold, #756: Radio Bucharest (Romania) cloth pennant (4.5x7") blue, white, purple-

good looking! #757: Radio Korea cloth pennant w/ yellow tassel (4x9"). #758: RGIS paper

pennant (4x9") yellow, black, #759: Radio Peking paper pennant "St. Village" (5.5x10.5") m/c.

#760: Radio Peking paper pennant "Yunan" (5.5x10.5") m/c. #761: Radio Peking paper pennant "Tien

An Men" (5.5x10.5") m/c. #762: Radio Peking paper pennant "Chingank Mts." (5.5x10.5") m/c. #763:

Radio Studio 91 (Italy) sticker (4" cir) m/c with woman-very beautiful! #764: TV-59 (Italy) sticker

(3x3.5") m/c. #765: TV-Abereese (Italy) sticker (3.5" cir) m/c-sharp! #766: Europa 91 (FRG) sticker

(2.5x7") m/c-nice! #767: Radio Koper-Capodistria (Yugoslavia) sticker (2.5x3") m/c. #768: Radio-TV

Svizzera Italiana sticker (3x5") red, white, blue, #769: Radio Milano International (Italy) pri-

matic sticker (3x8") m/c-beauty! #770: Radio Voce (Italy) sticker (2x7") red, BSW, #771: Deutsche

Welle (FRG) cloth pennant (6x13.5") blue, white, #772: RFI cloth pennant (4x8.5") blue, white, #773:

UNE (Spain) cloth pennant (4.5x8") m/c. #774: ANR (India) paper pennant (4x10") blue, white, yellow,

#775: Radio Sweden cloth pennant (4x10") blue, yellow, #776: HENDURAS cloth pennant (6x10")

BSW, blue-beautiful! #777: Radio Korea double sided paper pennant (4x8.5") m/c. #778: Radio San

Sebastian (Spain) paper pennant (4x6") blue, BSW, #779: WJMS "Lashlow" decal (4x8") m/c. #780: Radio

Sweden paper pennant (4x10") blue, yellow, #781: Radio Tees (UK) balloon, red, BSW, #782: Radio Praha

(Czechoslovakia) cloth bezz marker "Woman" (3x8") m/c. #783: Radio Praha cloth book marker "Bide"

(3x10") gold, BSW, #784: Radio Truru (Swaziland) sticker (3.5" cir) BSW-nice! #785: Radio Veritas

cloth pennant (4x7.5") blue, yellow, white, #786: Radio Veritas cloth pennant (4x7.5") yellow, BSW,

#787: Radio Veritas cloth pennant (3x5.5") blue, white, #788: RMI double sided cloth pennant

(6x9.5") m/c-beauty! #789: RMI double sided cloth pennant (5x8") m/c. #790: RCI (Canada) vinyl pen-

nant (4x9.5") red, white, #791: Radio Nederland cloth pennant (4x6") red, white, blue, #792: RCI 3

different photo cards of their Western, African and NA Sections. (4.5x9") BSW, #793: RCI 2

different QSL cards "B/C Year" and "Canada Council" (4x6") m/c. #794: RCI 3 different photo cards

of their announcers (3x5") BSW, #795: Radio Nederland 4 different m/c stickers including "DX

Jukebox"" "HLS/Hers"" "Afroscene"" "I Listen To"" #796: RSI (Sweden) 35th anniversary QSL card (4x8")

m/c. #797: ANARC metal badge (1.5" cir) BSW-rare, last issue! #798: RMI stick pin, blue, white-nice!

#799: Radio Nacional do Brasil sticker (3.5" cir) m/c. #800: NGBX "So Duroc" pig photo (3x5")

m/c-interesting! #801: RMI large litter bag (11x17") m/c. #802: CROJ sticker (3x8") red, white,

blue, #803: RSM metal badge (1.5" cir) red, white, blue, #804: HINA "Bic Razor" yellow, BSW-it works!

#805: Radio Vatican First Day Cover 1981 "50th Anniversary" w/ stamp! #806: ANARC pen, BSW-

very rare! last issue! #807: KXOO station whistle (1x3") BSW, yellow, #808: Radio Bucharest key

chain, m/c. #809: Radio Peking "Panda" cloth pennant (6x11") green, BSW....Something for you!

ADDRESS: Mail your bids and orders for direct sale items to Sam Barto, 47 Prospect Place,

Bristol, Conn. 06010 USA.

ADDITIONAL DIRECT SALE ITEMS: The following stickers are \$.50 each: Radio Nederland, Radio

El Mundo, KYIS, KGBX, BRT (silver) (red), Radio RSA, 4MK, ANARC (large), Radio Vatican (pennant) and

VOFC (pennant). We also have 4X0, WBR (TV), 7EX, RTE Radio 2, Radio Rumbi, CFCR, Radio London-266,

ZCH, Radio Aven, 2YB, Radio Deutsche Welle (black) (red), Peter Flowers Radio (large) (small),

Radio Rhema, Capital Radio, GJXC, Radio Watkara, TIR Radio, Canada TV, Radio City-299, Radio

Caroline (black) (white)....Also at quoted prices Radio Vatican (photo) (calendar) at \$.25;

WJL, WJCB or WJL plastic ID cards at \$.25 each; WJMS push button at \$.25; WJDS button at

\$.25; WJCE key chain at \$.50; GGG metal badge at \$.50; WJMR, WJPC, KJL metal badges at \$.25.

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At last, the 50th Anniversary Book is complete : This book is the product of a two year effort at researching the history of our hobby and club.

This 8 1/2 x 11 large format book is the combined effort of ten club members. Features include the first full HISTORY OF THE NRC, a HISTORY OF THE NRC CONVENTIONS, "A COLLECTION OF CLASSICS" - rare and unusual varieties, THE DX NEWS SCRAPBOOK - featuring items from old DX NEWS and other sources, a fabulous PHOTOS section featuring rare photographs from the 1930's on up thru the 1980's, the transcribed 1981 CONVENTION SPEECHES by five DXers with over 250 combined years of DX experience, an illustrated feature on CBB DX receivers over the years, SYNOPSIS OF DX NEWS IN THE 1930's, the GENERAL HISTORY OF CBB DX, and assorted other goodies. The book is well illustrated and includes such rarities as a retyped 1933 DX NEWS Volume 1 No. 12, which is the oldest known surviving issue from the club's infancy.

Once the first edition is sold out, it will not be printed again in the foreseeable future. Avoid disappointment, order this instant collector's item! (There is no truth to the rumor that a special edition with bullet proof cover will be sold over XERF!)

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This book is being printed on highest quality paper, giving a keepsake that will be in good condition by the time NRC100 rolls around in the year 2033. Never before has any DX Club attempted to document the history of our hobby. The book is entirely focused on Broadcast Band ONLY DXing :

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