STATIC FROM HQ

Postage leads off static this week...unlike a certain member of this club, we at Headquarters request you NOT send return postage or a stamped self addressed envelope when writing to us--we'll be happy to reply and pay the postage, which is a polite way to say keep them stamps and use them to write for veries...and speaking of veries, those who write Canadian stations and send return postage be advised that the rate for letters to the U.S. will increase from 12 cents to 14 cents April 1, according to info from Andy Rugg...also, last call for WRTH at 1978 discount price of $9.50 postpaid to NRC members--send orders with check and stamped self-addressed envelope to Don Erickson, 6059 Essex Street, Riverside, Calif. 92504....

Don also tells us there will be a beverage wave antenna DXpedition for all tropical and medium wave DXers Saturday night, April 8 in the vicinity of Twenty-Nine Palms, Calif. There will be two beverage antennas, each about 3000 feet, for DXing. For details, call 714/687-5910 or write Don at the above address....lastly, a question and answer column will begin shortly in DX News if we get any questions (or answers!). If you have any, send them to headquarters (address on back cover) and we’ll use them in the column. We have had some requests for this service, so let's see some support now that we are starting it, please! Pat: despite the fact I typoed it last week. hope the birthday was hayyy...or is that happy?

CPC TESTS

 Tues., March 28 WCHR-1520 West Chester, Penna. 0015-0200 (aprox.) frequency check and equipment test, with tones, code IDs, oldies, like last test. Calls to 215/692-3131--arranged by Dave Schmidt!!!!

 Fri., March 31 WORG-1580 Orangeburg, S.C. 0100-0400 (approx.) with 1000 watt non-directional pattern. Tact will include tones, pop music and voice IDs. They also usually test most Friday or Saturday mornings between 0100-0300. Prepaid calls to 803/536-1580. Reports to Ken Durst, CE, WORG, Drawer 1386, Orangeburg, S.C. 29115. Arr: John Kromka.

 Mon., April 3 KROW-1460 Dallas, Ore. Eddie Ryan of GWDXA, arranger of test called NRC Headquarters to say this is make up for test sked 3/6 which failed to show due to transmitter trouble at the station. Test is resked this date at same time.

 Mon., April 10 WFHG-980 Bristol, Va. 0200-0400. Details to follow. Dave Schmidt, who arranged this test says that CE Joe Durham will verie all reports and other reports he had received very shortly when new cards are printed--Joe did the tests for NRC from WQBX and WYVE a couple years back, so he's well-known to most NRCers.

LOOK INSIDE

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From time to time, the Musings column carries mention of certain stations that splatter onto adjacent channels. Being bothered by this same problem in a couple of cases in the central New Jersey area, I thought it would be interesting to review how the FCC Rules specify modulation characteristics for a.m. broadcast stations.

We should understand that an a.m. transmitter sends out a "carrier wave" on the assigned frequency (eg., 540, 550, etc.) plus signals that are separated from the carrier frequency by whatever number of hertz are appearing in the audio. Put another way, if a time signal is transmitted, let's say a 1000 hertz tone, a station assigned to operate at 750 kHz will actually be transmitting three signals simultaneously: one at 749 kHz, one at 750 kHz and one at 751 kHz.

If the station is transmitting a high-fidelity signal, it will have audio response extending from about 50 Hertz to 12,000 Hertz. Since we only care about the higher frequency signals when discussing splatter, we can do the simple arithmetic that shows our hi-fi station assigned to 750 kHz will transmit signals on 738 kHz, 750 kHz and 762 kHz, and on every frequency between 738 and 762 kHz.

Section 73.40 of the FCC Rules and Regulations state that:

"...the audio frequency transmitting characteristics from the microphone to the antenna output must not depart by more than 2 db from that at 1000 Hertz (1 kHz) between 100 and 5000 Hertz.

"...any emission appearing on a frequency greater than 15,000 Hertz from the carrier shall be attenuated by at least 25 db."

(Note: The Rules are worded with cross-reference in some cases so I have simplified the language a bit. I'll be glad to forward copies of the exact Rules to anyone interested.)

So now let's put this in perspective:

1. The FCC does not specify any attenuation (ie., reduction) in audio level between 5000 Hz and 15,000 Hz.

2. An attenuation of 25 db means that the power at 15,000 Hz must be reduced by about 300 times compared to the power being transmitted between 100 and 5000 Hz.

3. The difference in signal levels between a nearby station and those of a more distant station operating on an adjacent frequency can often be of much greater ratio than 25 db.

4. The carrier frequencies of Standard Broadcast Stations operating on adjacent channels are 10,000 Hz apart.

5. Obviously, then, the FCC permits stations to transmit signals that can often "splatter" onto adjacent carrier frequencies.

6. Since the audio signals that create such interference are, by definition, above 5000 Hz, they are the sounds caused by such sources as snare drums, cymbals, and the "s" sounds of an announcer's voice.

Is it any wonder then that we hear splatter from certain nearby stations when we tune to adjacent frequencies? We shouldn't complain, though. If the FCC curtailed these stations any further, the sound quality would be degraded so much that few people would tune them in!
WBBC RADIO 1560

Gold Coast Broadcasting Group

P. O. Box 520
Innominate, Florida

Thanks go to the following for this week's material:

RJ Russell Brands, Kinnelon, NJ
DG Dan Goodlett, Berlin, MD
MG Mike Hayne, Houston, TX
KVL Karl Jeter, Convention City, CA
JR Jerry Robertson, Crossville, TN
JLR John House, Bowie, MD
DS Dave Schofield, New Castle, DE
ERS Elliot R. Straus, Clark, NJ
WKBR Bob Messelowski, Milwaukee, WI

SI-12x, string of 100 beer cans hanging out 2nd floor window.

73........

1973 MAJOR-LEAGUE BASEBALL FLAGSHIP STATIONS

Compiled by Bill Hardy, 2001 Pacific Ave., Aberdeen, WA, 98520

AMERICAN LEAGUE

Baltimore Orioles . . . . WBAL—1090
Boston Red Sox . . . . WEEH-1510
California Angels . . . . KFWO—710
Chicago Cubs . . . . WMAQ—670
Cleveland Indians . . . . WWHO—1100
Detroit Tigers . . . . WJAT—760
Kansas City Royals . . . . WCKW—500
Milwaukee Brewers . . . . WTMJ—620
Minnesota Twins . . . . WWHO—350
New York Yankees . . . . WINS—1370
Oakland A's ("Raiders") . . . WTVF—570
Seattle Mariners . . . . WM版权—570
Texas Rangers . . . . WAFS—1370
Toronto Blue Jays . . . . CKFH—1430

NATIONAL LEAGUE

Atlanta Braves . . . . WSB—750
Chicago Cubs . . . . WBBM—720
Cincinnati Reds . . . . WLW—700
Houston Astros . . . . KPRC—950
Los Angeles Dodgers . . . KABC—1360
Montreal Expos . . . . CKBY—600
New York Mets . . . . WMNY—570
Philadelphia Phillies . . . KTR—1060
Pittsburgh Pirates . . . . KDKA—1020
St. Louis Cardinals . . . KMOX—1120
San Diego Padres . . . . KFRA—600
San Francisco Giants . . . KSPD—560

BOX 219, Wilmore, North Carolina 27371 (919) 944-1517
Hi. Not many reports this time - looks like a 1/2 pager or so. DX have been semi-auroral and some of you should have heard some new ones to report...

530 UNID 3/6 0937 heard beacon "EP" over and over. Who or what or where is it? (Eppse) Sorry GM, don't know about a thing those pests, hi. Maybe Poxworth's list of a few more names isn't up to date, or the YAGI was bad.

750 CURA R. Rebeldes CMII Santa Clara /600 and stronger 0350-0359. (Wessolowski)

650 ALASKA KIU Bethel 2/18 1025 sQRM by GM, no anthem. Times given on str are Vimona, not being listed in ENC log. (Vermont)

630 CURA R. Liberia CMII Santa Clara 3/1 2120 sQRM by /600. (Korea)

604 PAPUA NWI San Juan "La Gran Cadena" now 5 kw, ANF, /760, 910. (Gleson)

560 CURA 0209 0955 band mx, 1000 IS and ID by YL in SS, xint sig v/so sign of KFI. (Vermont)

680 ALASKA KHM Barrow 2/20 sQRM 0900 w/Alaska Flag song. (Vermont)

720 VENEZUELA Pilaram TEC F.Vision Orion Sings, word/sQRM to E. Vision Carnaza, indicating now on w/new 200K tx. Has 3 tower direction to south but a lot seems to go this way. 25/ at 0130 w/ads for the whole eastern region of Ven.

740 CURA 0345 R. Liberia CMII ID/600 and /600 but missed city in ID. Most likely Camaguay, right? (Wessolowski) Certainly CH

790 CURA CMII Havana, R. Cadena Havana right now local WQXL on the Beverage 3/8 from 0310-0350. (Korea) says in 78 QRM, no title given. I normally expect to hear any foreign DX under this rum. (Button)

810 UNID 3/1 0302 w/stop: thought I heard the "La Quepa Internacional and Colombia mentioned into SS mx 0302 had what sounded like a pop talk with cheery or howls mixed in. Is there a Wolfman Juan, hi? (Wessolowski) BUD most likely CH

830 RELIZE R. Belize good v/ES/SS communication 0430-0500 sQRM by prayer. My first split, 3/5. (Goodlett)

870 AUSTRALIA KGB Sydney 1253-1257 2/19, tele-talk, mx to 1300, 6 pipes then mx and vx. 1300 "Music to remember" mx. (Vermont)

880 GUATEMALA R. F. Europe Mundo ID after by last SS ray. (Wessolowski)

900 VIET LAST 2/20 101/110 mostly RR EQ RM 1100-1110, wx, then ss by "evening announcer," many freqs including bg given, 2 vocal native times followed, then 1108 EQM. (Vermont)

900 GUATEMALA Puerto Barrios TMA in at 0915 3/6 with marinas, wicked level. SS man went into elections returns at 0918 and gave ID at 0923. He mentioned that R. Atapique was on w/Atlantis 1230 (100 watts). Returns were interrupted w/marinas wx. Their 1 kw on clear channel sounded like KMO's 250 kw Report sent. (Keesey)

940 COLOMBIAague R. Bogotá 3/8 w/Atlanta very weak ID, never heard before on account of Puerto Fijo and the domestic. (Button)

950 COLOMBIA Medellin RBDJL TV de Medellin w/RBDJL ID at w/0000 3/6, wiped out the Mexican 1 was trying for. (Goodlett)

1000 COLOMBIA R. Colombia, VERY absolutely blasting in 3/11 from 0000-0115 giving news (attention Bogota, atencion Armenia, etc). Perfectly alone on 4, KBS bandpass and even skipping the upper sideband of 1000 khz. (Button)

1100 AUSTRALIA KMB 2/18 1100 mostly tele-talk, 1150 "LPH Album Show" w/Chris Lee, xint sig. (Vermont)

1200 VENEZUELA TVS R. Margarita, La Asuncion w/vang good SS ID's 0717 3/6. Had to go to UNIV to get TVSS TR. (Goodlett)

1300 MEXICO KBBX Centro, Mexico City fair w/SS six note single ID at 0635 3/6. 5 kw at 2900 miles. (Goodlett) Believe they have raised power, to what I'm not sure of.

II00 VENEZUELA TVS enda del Lago, Maracabo good 3/8 at 0935 w/some of ID's and a single. First time KMOX was ever weak enough to ID some DX. (Button)

1200 CURA CMII R. Venezuela 3/9 0340. Tuned up from 1033 on Venezuelan outfit that was extremely strong. Havana the same distinctive horn mx that was being played at the time. Try as I might, I couldn't get an ID but it was /600. (Button)

---

**IMPORTANT VEXI** Alan Harrison sends along 15/8A Turks and Caicos Island, V83 Turke Island Radio sent prepared card received 3/4/78 for a written report and tape of reception on 10/15/77 after several follow-ups, the last of which was sent on 3/4/77. Signed by W.J. Cranston, the card says the program I heard was "The Late Show." Date he signed the card was 9/4/77 but not mailed until 2/28/78 for some reason. Country number 93 here-as I the first to get a copy from this VEXI, to the best of my knowledge. However, you are still a bum. W.J. Great is the Information Director-he signed all the keys for the NASM SV test of a few years back. So there's your last and I'll send another report, this time with a prepared card-CH

Also from Harrison- w/1 in about 3 weeks from 660 R. Saint Lucia for written report and tape. W/5 Lincoln.Bright, 660. The new tx on 1090 is a 1 kw peeper serving the southern part of the island, no location given.

The only NCBs worth anything are...

David Gleson
Kato Rey, Puerto Rico
Beloit, WI

Bob Huppe
Boston, MA
R2P200, SM2

Chuck Button
Berling, NY
R392, SP600, 50' vertical, 1100' Beverage

Rob Johnson
Overland Park, KS
R390A, 129X, 1900' Beverage

Eric Marren
Elkas, Yukon Terr.
RX50A, 1200' Beverage

Bob Wessolowski
Milwaukee, Ws.
Philo. 7777

---

**THEY JOINED**

Glad to have you join us! More soon please!

Terry Morris, 6/2 East Delray, Boca Raton, Iowa 52013

Michael R. Hopkins, 3900 Orlando St., Dallas, Texas 75211

And especially glad to have back renewing members:

GY ACHIEVEMENTS

1240 DX records now in progress. First of all, my sincere apologies to Gene Mix of Fillings MT., of whom recently received gravyboat contributions I forgot to bring down with me. This is being tried in Silkes-Barr and I will not return to Gouldsboro until the weekend. On with the countdown.

*notes pre-1960 logging

<table>
<thead>
<tr>
<th>Callsign</th>
<th>QTH</th>
<th>Grid Ref.</th>
<th>Status &amp; Loc.</th>
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<td>Phila</td>
<td>K2LA Home</td>
<td>K2LA, philadelphia PA</td>
</tr>
<tr>
<td>W5QSC</td>
<td>Phila</td>
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<td>K2LA, philadelphia PA</td>
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<tr>
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<td>K2LA, philadelphia PA</td>
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<td>K2LA</td>
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That about concludes it for this time around. Let's make the next DEADLINE Saturday, April 15, 1975 so you can remember to mail your stuff in with your income tax return.

TAPE INTERCONNECT - THE EASY WAY

Albert S. Lobe

An article recently appeared in DX News explaining how to connect a tape recorder to a receiver so you can monitor the tape recorder without having to tamper with the connections. The article went into great detail on receiver modification to achieve this goal. There is much easier way!

First of all, you need a tape out jack. Every DX receiver should have a tape jack. If you don't know how to install a tape jack a reprint from both the NRC and IARL will tell you how to do this. That's all you need do to the receiver. Second, your tape recorder must construct a small external switching box. Here you need a double pole - double throw (DPDT) switch, two double RCA type connectors, a small 110 volt and three connecting cables. The switch and RCA jacks should be wired as shown in the schematic below.

![Schematic diagram]

Note: DPDT switch shown in tape monitor position

Now, be sure you mount the switch in the center of the box (do not mount on metal back). The two double sets of RCA type connectors can be mounted on the sides, one on each side. Now you can mark the jacks as shown on the above schematic and the switch, too.

You are now ready to use your adaptor. Connect the jack marked "out" to your tapercorders line in; the jack marked "in" to your tapercorders line out, (same as earphone). Turn on your recorder and your tapercorders in the record mode; be sure the switch on your adaptor is set in the record position. Record for a few moments and then place your receiver in the stand-by mode. Rewind the tape, switch the box to the listen position and turn your tapercorders on to play. You'll find you can bundle the tapercorders volume from your receiver; a slight adjustment on the tapercorders level may be necessary.

Any questions should be directed to the author of this article. Be sure to enclose a self-addressed stamped envelope for a reply! Direct all inquiries to: Albert S. Lobe, 10514 Gamitorey Baywood, San Diego, Calif. 92126.
One of the distinct advantages of being in the U.S. Navy is the unusual selection of duty stations (locations) available. Thus, when my wife and I learned that we were being transferred to Okinawa, we made plans on places we hoped to visit. We had considered Thailand, however we felt it was unlikely we would have an opportunity to go. Then, about a year after our arrival, one of the overseas travel passes was transferred to Bangkok. The arrangements were made and we were soon on our way. Of course, being an avid hiker, I was well aware of the Voice of America relay station in Thailand and shortly after deciding to go on the tour, a letter was enroute to the USIA in Washington, D.C. After a call corresponding between Washington and Bangkok, plans were made for a visit at the VOA facilities.

The tour arrived in Bangkok at midnight and we were in our hotel just before the 1 a.m. curfew. After a busy first day, I was able to contact Mr. Hillgartner, the manager of the VOA operations, and plans were made for a visit the next day.

Around 7 a.m. I met Mr. Chrismon, Supervisor, who was my host for the day-long tour of the transmitter and receiver facilities. From the hotel, we proceeded in the air-conditioned and chauffeured VOA staff car (I assume mention for this is if the humidity doesn’t get to you, the traffic will!!). Our driver was soon giving our car through the hectic and congested Bangkok traffic as if we were the only ones on the road. Occasionally a Buddhist monk in his saffron colored robe would be on a roadside, or a farmer leading his ox. Once outside of the city, the scenery gave way to green, lush farmland with an occasional home or local Buddhist temple noted. Low mountains were noted in the distance.

Soon Mr. Chrismon and I were engaged in conversation, and it was pointed out that the VOA station presently has 42 Thai nationals and 4 Americans working at their facilities. The transmitter facilities are shared with the Thai Voice of America, the Thai Voice of Free Asia, and the Voice of Free Asia. The transmitter plant is located approximately 67 miles/107 km north of Bangkok near the village of Ban Ra Som on 55.8 acres of land provided by the Government of Thailand. The transmitter facilities consist of a main 1,000,000 watt medium-wave set (two 500,000 watt Continental G-506) and a 3-tower directional antenna; power is provided by a commercial source.

The first part of our journey ended with our arrival at the receiver site at Ban Klang, situated some 25 miles/40 km north of Bangkok. The receiver plant is situated on 25.1 acres of land, also provided by the Government of Thailand. The plant operates from commercial power and is equipped with dual diversity receiving systems, Hazal and UHR receivers, UHF link for feeding programs to the transmitter site, and six log periodic antennas. The station is equipped to receive, but not transmit, except as previously stated. They also receive teletype signals from the VOA communications system, and normal communications are relayed through the facilities in Bangkok. After a short visit, we were once again on our way north to the transmitter site on which we had previously been mentioned.

The first indication we were approaching the transmitter site was the eight-story towers in the distance. They were located high and they are situated on the northern side of the transmitter plant. However, before touring the facilities lunch was in order and so Mr. Chrismon got a car and headed to a nearby restaurant for a Thai lunch, and if you’ve never eaten a true Thai meal, you’re in for one fantastic experience! Now I like to eat, but the food just kept coming and coming! You have to experience it to believe it.

After lunch, we returned to the transmitter plant where the two Continental transmitters, each 50-kw old, were seen along with the facilities, tape decks, a passageway between two offices which passes through the bathroom, and a door that leads to, well, you’d never believe me if I told you all the interesting tours.

Outside, we walked up to the antenna switching control where the pattern of the antenna is switched from a north/south lobe with a lesser lobe to the east, to a beam favoring North Vietnam and Southern China. Languages which are currently broadcast include Bengali, Cambodian, English and Laotian; the Thai Government produces programs in Thai; regular programming commenced on 22 February 1965.
The opinions expressed in this column are those of the individual member, and do not necessarily reflect those of the editors, publishers or NRC.

LUCY NORD - 246-16 (Avenue Avenue) - 1516-6222
Here's my small contribution to the Week's theme campaign. I, too, was amazed to receive a voice from (for a report of Nov. 1973). I had completely forgotten, but recently, at the Missourians for the Missouri, I was served a drink on 914 and 940. & 2/28, 914/940, were heard, as they had been. The party was then on its way to Greenwood, IA.

SAMBERTING - 2nd FL - 1st Ave. - 13669
Greetings from NIMH Country! I'll trade my snow for what you have, all 350

(plus inches of it. Oh well, maybe snow is good for something, as DX has been quite good all season. Recent DX worthy of note, 2/14/73 510p.m., 1420-1600 noted all along the day after being stopped earlier. My space being low, my space was all written by hand. The second time of these three was heard at 315.

I'm sure all the DXers that were there at 315. The gentleman who complained that their names were absent from the list got a nice surprise... I think. The DX was all written by hand, sometimes at 30 or 30 at a time. To have the time. This may be an 8-12 hour stint of snow falling. At times like these, I'm sure we all look forward to the handyman department. Again, sorry you were offended but I'm sure you will not have your name get shortened occasionally.

GARY WIGHT - 236-786 - 1st Ave. - 316-786

I hope the Di season has been better for you than for me.

WILLIAM FAURE - 618-618 - 1st Ave. - 347-618
I recently modified my 514-2 as easy a neat outside power hook-up. I slipped off the battery clip and the black power lead. Then I took off the battery holder for a standard phone jack. I added the phone to the red power leads to give your power source to a quarter inch phone plug making sure the center conductor is positive, and a small book will be published later this year and the other DX.

Item #2 was KNIQ-WNY - 1/30 on 610 p.m. & 810 p.m. with a nice, solid QRM. It's a good station, but I think it's over the limit.

Pete Kemp - 7 Greensboro Avenue - Beloit, Connecticut - 06801
Programming notes highlight this Nurse. Tall Balance, formerly of KABC, KNX and currently of KDKA, is again going to sit behind the microphone, as this time we're holding down a 10pm-2am slot on the Thursday Forces. The station was run successfully for many years in New York, leaving KDAW in the process, has signed with MCA.

Mike has also been heard on the various DX around the world, with a number of DXers in the process of making a direct contact this week. A call to see if there are any problems that may arise will be issued the next time we come down.

Bill Balance, formerly of KABC, KNX and currently of WOR, is again going to sit behind the microphone, as this time we're holding down a 10pm-2am slot on the Thursday Forces. The station was run successfully for many years in New York, leaving KDAW in the process, has signed with MCA.

WNY has signed a three year contract to broadcast the N.Y. Giants on a variety of stations across the country. A call to see if there are any problems that may arise will be issued the next time we come down.

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I missed that home game in New York. Since then, Sun-Mon.-Tues. nights is the New York's big night, so I hear I'll re-introduce the franchise. I'm 19, a sophomore at UVa, and my major is something in the sciences. My father was 1910, and my mother was 1920. I'm a big radio fan and listen to all sorts of radio stations across the country.

Radio is a great way to stay connected to distant places. I listen to the different stations during my commute to work and while sitting at the coffee shop.

I've been listening to NPR for quite some time now, and I must say it's an excellent source of news and information. The variety of programs offered on NPR is vast, ranging from historical documentaries to current events analysis.

I've also started exploring other stations like the CBC in Canada and the BBC in the UK. These stations offer a unique perspective on world events and cultural issues.

Overall, radio has become an integral part of my daily routine, providing both entertainment and knowledge. I look forward to discovering more stations and programs as I continue to explore the world of radio.
was not good for a while, but I'm glad to see it picking up. They have a lot of new shows on.

**BOSSEMS**

- Box 127 - Boston, New Jersey - 07800

Greetings again! I've just done a little figuring on the call change business and made some changes. I'd like to get your comments on them. I've recently made some changes in the call change business and made some changes. We've been doing business for over 10 years, and it's a great pleasure to work with you.

**ELLIOT R. STRAUSS**

725 Sweet Briar Drive #4 - Clark, New Jersey - 07666

*MM* 3/6 was the best of the season set for $10.00.

**DAN B. HARTY Jr.**

- 90 Sandford Way - Newton, NEW YORK - 10450

*MM* 1500 Waterloo, Iowa, Jan. 26. 1966

The best I've done to date was a DX catch of 150. I've been in contact with a lot of stations, and it's a great pleasure to work with you.

**BIB JINKEELON Jr.**

- Route 9 - Highway 21A - Del Rio, Missouri - 63020

I play in a cocktail lounge on weekends and teach during the week.

**BOB JINKEELON Jr.**

- Route 3 - Highway 21A - Del Rio, Missouri - 63020

I play in a cocktail lounge on weekends and teach during the week.

**BOB JINKEELON Jr.**

- Route 3 - Highway 21A - Del Rio, Missouri - 63020

I play in a cocktail lounge on weekends and teach during the week.

**BOB JINKEELON Jr.**

- Route 3 - Highway 21A - Del Rio, Missouri - 63020

I play in a cocktail lounge on weekends and teach during the week.
Kelly Andrews
7016 Montauk Drive
Richmond, Virginia 23225

January 30, 1978

Dear Kelly:

I am happy to confirm your reception report of WLVA on January 12, 1978. It was most interesting to hear that your signal was coming into the Richmond area so well. I was unaware that Cuba had vacated 590 with their "super signal".

It would probably surprise you to know that yours was only the second reception report I've received in two years here. The other was from a DX'er passing through the area, reporting reception from within our normal daytime coverage area. I've suspected that the lack of reports is due to the directional pattern of our station, limiting us to a very small area from which to draw reports.

I'm enclosing a copy of our daytime .5 mv/m contour. The nighttime pattern is much tighter...pulling in the NNN and SSW lobes almost completely and putting more power out the front end toward the ESE. Richmond is slightly north of the main power lobes, which follow a line from the northwest side of Lynchburg to roughly the downtown Norfolk area. It's actually on a bearing of 105° from our transmitter site.

I would very much like to hear from other NCC members who monitor WLVA. If you have any regional or national publication or newsletter through which you can spread the word, please do so. We operate 24 hours a day, signing off only from midnight Sunday (actually 12:05 a.m. Monday) to 5:00 a.m. Monday.

WLVA operates with 1000 watts day and night, with different daytime and nighttime directional patterns. The transmitter site is located about a mile south of U.S. 501 North, about a mile inside the western city limits, and 4½ miles NNW of the downtown area. Our antenna system consists of four 385' self-supporting towers with top loading, situated in-line with quarter-wave (417') spacing between them.

I hope to hear from your fellow club members in the future.

Sincerely yours,

David R. Freer
Chief Engineer

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