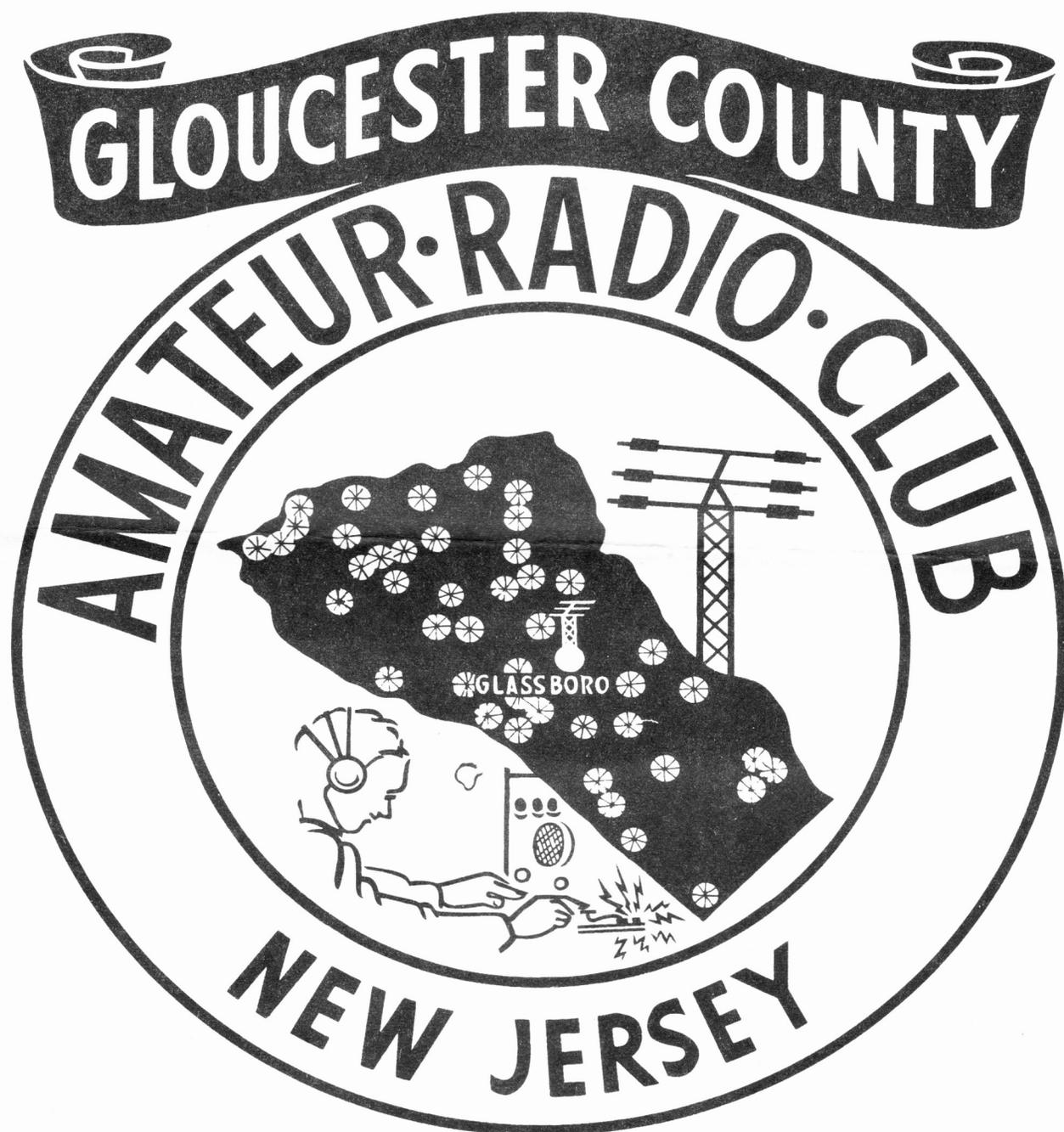


CROSSTALK



THE OFFICIAL PUBLICATION

CROSSTALK – AUGUST 1967

Indianapolis 500 to be shown at August 2, 1967 GCARC Meeting

The next regular GCARC meeting will be held on August 2, 1967 @ 2000, in the club room, above the Pitman Police Station. The program will be a diversion from ham radio, but an interesting one at that. There will be a movie on the Indianapolis 500, complete with thrills, smash-ups, etc.

The annual White Elephant Sale will be held at the September 6, 1967 meeting. See you all there for both of these meetings.

Say you saw it in CROSSTALK - Even if you didn't.

Field Day Scores

6 meters 1035 points
20 meters 972 points
40 meters 1170 points
80 meters 1494 points
Bonus 400 points

In order to do urgent and important work at the radio club, two things are necessary: a definite plan and not quite enough time.

Members Soak Up Sunshine, Water, and Prizes at GCARC Picnic

The threat of rain didn't stop some 20 club members from enjoying themselves at the annual picnic held on July 15, 1967 at Lake Garrison. By afternoon time, the sun tried to come through the clouds and the hamburgers started to sizzle over the charcoals. When the prize time came around, John WB2GKH (the picnic chairman) walked off with the best prize! (Many years of happy SWR measuring, John). Paul W2YNR spent most of the afternoon prospecting for hidden treasure with his new metal finder as Bill Frambes, WB2FJE tried to con coax fittings from everyone in sight. By 5:30 PM all but the hardiest of the weary picnickers were packed and on their way home.

More Field Day Notes

By Doug WA2NPD

Perhaps the singular most satisfying and important aspect of our Field Day this year was the fact that about 25 of our club members participated, in varying degrees towards our successful total score. Perhaps even more important was the fact that everyone enjoyed the weekend and all had a good time.

The weekend had its trials and tribulations as well. This was also the weekend when President Johnson was visiting with Mr. Kosygin at Holly Bush; and all (or nearly all) of the available portable generators in the county were needed to help generate the summit meeting! Also, our Field Day site was plagued by local QRM from hovering, suspicious, lurking helicopters circling over our heads. Yet, this "sister" event next door really didn't hurt us too badly, as our CQ Field Day on 80M SSB and 20M usually was accompanied with our QTH as the Summit Conference, Glassboro, New Jersey, and WOW! - did they come back to us with that moniker attached! Bill Frambes, WB2FJE is to be highly commended for a job well

(Continued on page 3)

(Continued from page 2)

done. He did so well as general Field Day chairman this year that his talents and experience should serve the club well for next year.

THE PARTY LINE (from Auto Call)

It requires real self control to walk gracefully toward the FCC examiner's office.

Like dogs and small children, the ham rig never behaves its best when guests are present.

Crosstalk is the official publication of the Gloucester County Amateur Radio Club, Inc. Any material contained herein may be used by other amateur radio publications provided proper credit is given. Distribution is to GCARC members and other amateur radio clubs on an exchange basis.

EDITOR: Jack Layton K2JKA

PUBLISHER & CIRCULATION: James Peck W2LW

FOR SALE: Heath Sixer and Saturn Halo with balun and mount - \$50

He who hammers others is just trying to batter them down to his size

From the Editor's Desk

By Jack Layton, K2JKA

CROSSTALK POLICY

As the Crosstalk presses start rolling again, the first thing I want to put on the table is the policy under which the paper will be published. It can be stated in just a few words, "**WHEN THERE IS SUFFICIENT MATERIAL FROM MEMBERS AND ELSEWHERE, A PAPER WILL BE PUBLISHED**". This could be monthly, every three months, or maybe this will be the only issue! There has been a lot of talk about wanting Crosstalk back again. Well, here it is and here is your chance to "*put your money where your mouth is*". If you want Crosstalk to continue, it is entirely up to you, the club members.

BLACK EYE FOR HAM RADIO

A few weeks back story from the wire service appeared in newspapers across the country. The headline read something like this, "Mean Ham Disrupts Vietnam Communications". The story told of interference to phone patch traffic from wounded Vets to their homes. It goes to show you that one bad apple can ruin a basket of good ones. The release carried little mention of the many Hams devoting many hours of their time to the handling of these phone patches.

SILENCE ON THE HAM BANDS

I wonder how many local hams would have been heard on the air at 10:30 AM on June 5th had we been able to listen? Of course, this was in the middle of our very own power failure! I don't think any of us fully realize how much we depend on the electron until we are without it for an extended period of time. At least I had a workable transistor radio and was able to find out what was happening. If for no other reason, a source of emergency power for the ham rig, would afford QRM free operation when our next failure occurs! Next one!!!! Gee, they said this one couldn't happen!

(Continued on page 4)

(Continued from page 3)

Field Day – June 25-25, 1967

As the Field Day weekend of June 24-25, 1967 drew near, truck loads of electronic equipment were set up in Glassboro. About half a truck load of the electronic gadgets was set up on the opposite side of the town from Glassboro State College. Field Day '67 was under way. Instead of Holly Bush being the main attraction for GCARCs, it was "peach bush", an accurate description of the Field Day site among the peach trees, just off Greentree Road.

In the enormity of it all, Field Day seemed insignificant! Just a 100 yards down the road from the 75-foot sign welcoming the visiting dignitaries, stood the 2 x 4 foot GCARC Field Day sign. A 130 foot microwave tower erected for TV coverage of the "Summit Conference" dwarfed the 25 foot WA2NGI tower; and, while two world leaders discuss global problems across town, GCARC Field Day workers worried how they were going to get the 80M dipole up in the trees.

In retrospect, it was a good weekend. The weather was nice, and all of the equipment worked. The Field Day chairman reported a shortage of generators due to the fact that many were being used by police and newsmen at the college. However, all rigs seemed to have enough power until someone decided that it should be shared with an electric frying pan. The experiment was short lived, the hamburgers and hot dogs were finally cooked by more conventional means, over a wood fire. They taste better cooked that way. One shortage did crop up, no hamburgers at the Glassboro Food Fair as Doug Gehring, WA2NPD, found out! Guess they were all bought up for the Texas-style barbecue across town!

At stencil time our exact score was not available. If we get it before press time, it will appear elsewhere in this issue.

Are you an active member?

**Are you an active member, The kind that would be missed?
Or are you just contented, That your name is on the list?**

**Do you attend the meetings, And mingle with the flock?
Or do you stay at home, To criticize and knock?**

**Do you take an active part, To help work along?
Or are you satisfied, To only just belong?**

**When the business sessions come 'round, Do you pretend to be sick?
And leave the work to just a few, Then talk about the "Clique"?**

**Think it over, member, You know right from wrong.
Are you an active member, Or do you just belong?**

**Al, WA2TAQ
Via Ham Hum**

When you make a mountain out of a mole hill, don't expect anyone to climb up to admire the view.

(Continued on page 5)

(Continued from page 4)

EXCERPTS FROM F.C.C. FIELD ENGINEERING REPORTS

Engineers from the FCC Boston district office, aided by the Commission's monitoring net, located and closed an unlicensed "Broadcast" station having very unique programming. It intermittently retransmitted programs of a local broadcast station, but interspersed them with unexpurgated live conversations between a husband and wife team. A mobile unit did the final tracking to a home where a husband and wife were totally unaware that they had been featured on the air. They helped in finding a hidden transmitter in their basement, and a microphone concealed under the dining room table. Their teenage son interested in communications, electronics, and dissatisfied with frequent parental arguments, had taken this means to "air" his problem. This resulted in a highly unorthodox family situation drama. The FCC engineer, after giving appropriate warning departed with a definite impression that another form of husband-wife team would render the appropriate penalty.

HOW SAFE IS YOUR ANTENNA?

News media during the past several months have carried several stories of death by electrocution of individuals in the process of erecting antennas. As far as can be ascertained, all of those involved were CBER's. In most cases the antenna touched nearby electric wires and brought instant tragedy. Why chance a situation that is not completely safe? Even if you are fortunate enough to get the antenna up without mishap, the constant peril of the antenna falling and coming into contact with power lines still looms. Play it 100% safe and keep the antenna out of reach of the power lines.

FIELD DAY OBSERVATIONS

The water level was a little lower in the lake at the Field Day site this year. Word is that someone dynamited the dam! With friends like that, who needs any enemies?

The WHYY television tower as seen at night while coming across the peach grove sort of dwarfs all of Glassboro. Next year we should run a long wire from the top of that to the Field Day site!

FCC has requested US amateurs to cooperate with its monitoring stations by giving call signs in English, even though the QSO may be carried on in another language. Although the amateur regulations do not specify that this is required, advisory notices are being issued by FCC to amateurs who are overheard identifying only in the foreign language being used.

HOW TO CHECK AND WHAT TO DO ABOUT CERTAIN MOBILE NOISES

Have engine tuned up, spark plugs and distributor points replaced every 10,000 miles. During this tune up, inspect and thoroughly clean the distributor cap both inside and out. Use a dry cloth and compressed air for this cleaning.

Resistor plugs may be used along with resistive type ignition cable. This treatment is not normally required for suppression, neither is it harmful to the engine or car performance.

Careful removal of the resistive type ignition cables, one at a time and checking resistance with an ohmmeter on a medium range will reveal any bad cables. They should check approximately 4,000 ohms per foot or 333 ohms per inch. Submerging all of the cable except for the ends in a tin can of water and check-

(Continued on page 6)

(Continued from page 5)

ing with an ohmmeter on high range will reveal bad insulation. The cable should check open to infinity when checked from either terminal to the tin can. Cables found defective on this test should obviously be replaced. Resistor type ignition wire will not withstand mechanical abuse.

Leave the alternator alone unless you definitely know it requires service. The alternator cannot contribute to the ignition noise. When you hear the alternator in the radio, it sounds like a fairly musical siren with the pitch of the whistle varying directly with engine speed.

Rev up the engine when cold to 1500/2000 RPM range and then turn off the engine while listening to the radio interference. If the noise stops instantly, it is ignition noise. If it coasts down gradually with the engine, it is regulator noise. Of course a combination can exist where part of the noise stops instantly and part coasts down with the engine.

Inspect all engine ground straps, capacitors, etc. Learn to properly identify the various sources of noise and you can attack the problem intelligently. (de RARA Rag, Rochester, N.Y.)

LICENSE EXPRIRATION NOTICE SERVICE

1. Address a postal card (no other form accepted) to your-self.
2. Write anything you wish to say to yourself on the card.
3. At the top of the corres-pondence side (when placed horizontally) write a date (month and year only) when you want the card mailed.
4. When this month arrives, the card will be mailed.

The Foundation for Amateur Radio, sponsor of the service, accepts no responsibility, if for any reason whatever, the card is not mailed. The Foundation does agree, however, to maintain this service as long as volunteers are available. MAIL YOUR CARD TO: Joan Machinchick, K3KRI, Lake Drive, Cape Street Clair, RFD, Annapolis, MD 21401.

The simplest way to better your lot is to do a lot better.

DEAD CARRIER

Some CB'ers become quite annoyed when interference from other stations prevents a satisfactory exchange of communications. A few go to extremes in venting their displeasure. The Kansas City FCC office received a complaint of continuous interference from 4:30 PM to 7:00 AM daily on one channel. Direction finding bearings indicated it came from a cemetery about two blocks from the complainant's home. Signal strength observations narrowed the search to a clump of evergreen trees in the center of the graveyard. A transmitter in a plastic box was found suspended from a tree branch by a 30-inch antenna. A miniature photo cell turned the transmitter on at dusk and off at daybreak. Ownership remains unknown. The complainant suspects a group of unfriendly CB operators, because two days after the interference started, he found in his front yard a cardboard cylinder with a simulated antenna, and a note printed "This is not it, Stupid." (Via Yellowstone ARC)

(Continued on page 7)

(Continued from page 6)

HOME STATION OPERATION BY FAMILY TO MOBILES

The FCC has turned down a petition by K1MIA to permit operation of the home station by the family to the OM when he is mobile on the basis that it would be in violation of international regulations. The petition was quite complete, covering adequate safeguards that such operation was strictly for the purpose intended.

NOW IN EFFECT:

If only the name or mailing address a US licensed amateur has changed, the necessary changes may be made by a letter to the FCC at Gettysburg, PA 17325 and keeping a copy of the letter with his license until the next renewal. No fee is required for this sort of change, but where the transmitter location is changed or the trustee of a club is replaced, formal notification on FCC Form 610 is still required. In these cases, the fee for modification of location is two dollars (\$2.00), and the fee for a new trustee is four dollars (\$4.00).

League Headquarters has recently issued a new manual on Amateur Radio Public Service Communications, which discusses the AREC, the NTS and RACES. It is available to any interested individuals on request from the Communications Department of the League, 225 Main Street, Newington, CT 06111. The 26 pages contain a wealth of information which should be read by every amateur who is at all interested in fulfilling his obligations for Public Service on which the entire licensing structure for amateurs is based.

MAILING ADDRESS WRONG?

Our Publication and Circulation Departments are one and the same. Address corrections should be brought to the attention of Jim Peck, W2LVW.