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JULY ISSUE 1969

GLOUCESTER COUNTY AMATEUR RADIO CLUB

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NEW CONSTITUTION APPROVED GENERAL MEMBERSHIP.....
PLANS FOR THE CLUB PICNIC AND DATE.....
GLOUCESTER COUNTY AREC TEAM ASSISTS EXPLORER SCOUTS.....
SCUTTLEBUTT.....

NOTICE

NO MEETING WILL BE HELD FOR THE MONTH OF JULY. THE CLUB PICNIC WILL BE HELD IN LIEU OF THE MEETING. SEE DETAILS INSIDE PAPER.

GLOUCESTER COUNTY AREA 6-METER TEAM ASSISTS EXPLORER SCOUTS.

On Saturday morning, June 14th., bright and early at 6:30 a.m., six sleepy mobile rigs headed for the Pine Barrens of New Jersey in order to supply communications assistance for the Southern New Jersey Council sponsored Explorer Scout canoe relay race on the Wading River. After two flat tires on the car (klunker) belonging to K2PQD, the group finally pulled in at 8:00 a.m. sharp the scheduled starting time for the race. Being a relay race, each scout unit entered a team of 8 explorers and a canoe, the race to be run in 4 laps. The AREC supplied a mobile rig at the start, finish, and each change-over location along the race course. This meant that in some cases, rigs had to be hauled into some inaccessible locations (via one jeep) as WB2WAK and K2PQD can attest. The time for each lap for each explorer team was recorded and relayed to the end QTH for recording on a master score sheet. In addition, host of other problems, such as transportation and location of men and equipment, were smoothly handled by the AREC crew. Many of the hams brought along their XYL and made a real day of it (if one could ignore the strawberry flies; nature being out of balance there.) EC K2SOL kept all rigs well coordinated and provided extra tires as well. In all seriousness, this crew did a real bang-up A-1 job and all are to be congratulated. The race was over at about 2:00 p.m., and, from all accounts, all arrived home safely. Participants were: WB2WAK; K2SOL; WA2WOD; K2PQD; WA2IAZ, and WA2SFY. The scout council was indeed grateful. They plan upon making this race an annual affair and sincerely hope that AREC will be back again next year.

OFFICIAL BULLETIN #220 MAY 15, 1969.

Sometime between May 15 and 20, a new voyage will begin by the Norwegian ethnologist Thor Heyerdahl. In hopes of proving that ancient Egyptians made a similar voyage from the old world to the new world, Heyerdahl will attempt crossing the Atlantic in a reed boat. Operation, under the call L12B, is expected on 20 meter phone during the 100 to 120 day voyage.

OFFICIAL BULLETIN#221 MAY 22, 1969.

If you are traveling this summer, and are planning to operate mobile or portable, a special ARRL form can be used to insure that you give all of the required information to the proper FCC office. Send your self-addressed stamped envelope to ARRL, 225 Main St., Newington, Conn. 06111, requesting form S43A. Be sure to indicate how many call districts you will be operating within.

FOR SALE ... COLLINS S-LINE WITH ALL FIELD SERVICE CHANGES. RECEIVER--
75S-I WITH 136A-I NOISE BLANKER, 0.5kc BANDPASS FOR CW. TRANSMITTER-32S-1
WITH AC POWER SUPPLY, JOHNSON MATCH BOX.....PRICE \$600.00
HEATH "SHAWNEE" 6 METER XCVR.....PRICE \$100.00
FOR INFO AND DEMONSTRATION CALL WA2TDI.....

FOR SALE MINIBEAM...Miniature commercially made beam for 10, 15, 20
meters.....PRICE \$ 20.00
FOR INFO. CALL Paul Walton W2YNR,

OFFICIAL BULLETIN #219 MAY 4, 1969

The ARRL Board of Directors held it's annual meeting at New Orleans, May 2 and 3, 1969. Among it's actions are request to FCC for technician privileges in the whole two meter band and on 29.5 to 29.7mhz, one year wait for extra class instead of the present two years, and multiple speeds for RTTY. ARRL will also support 7mhz maritime mobile operation, RTTY on 28.0 to 28.5mhz. and a move of the cw band on two meters to the low end. VHF repeaters will be covered each month in the VHF Column of QST, and there will be repeater information in the 1970 Handbook. A separate booklet on repeaters was authorized, as well as a junior high school student beginners book. There will be an attempt made to get courses on Amateur Radio into more schools. In League affairs, the Board decided on an additional meeting scheduled for November 1, 1969. Travel of directors to National conventions, and formation of a foundation to which amateurs may leave bequests for scholarships and the like. In the activity field, a five band worked all states award was approved. A VHF beacon will be established, and morning code practice from W1AW will be tested for six months. DXCC members at the 250 level may submit cards in groups of 10. In addition, to the present BPL award, a new award will be established to recognize net attendance, Phone Patch handling and similar services, the ICAO alphabet, already used by the military and many amateurs, becomes the ARRL standard! The board rejected motions to shift W1AW from its present frequencies, to start a propagation column and to ask for extra phone space for those areas of the U.S. outside the mainland. However the Board will study expansion of the U.S. phone bands, in consultation with amateur radio societies in other countries. Director Victor Clark W4KFC was newly elected to the Executive Committee replacing Director Smith W2BWJ who had declined re-election. Other members remain in office as part of the ARRL preparation for the WORLD CONFERENCE ON SPACE. The board brought its fund for the defence of frequencies back up to \$100,000. Studies were ordered on a WEST COAST OFFICIAL ARRL STATION and on ways of speeding delivery of QST to members. A summary of the meeting will appear in June QST and full minutes in the July Issue of QST.

RAIN OR SHINE

Yes, I said rain or shine the GCARC will hold a picnic on Saturday, July 26th., 1969 at Lake Garrison. All members and their families are invited, AND IT IS FREE. This year instead of the conventional sale of tickets to the members, it was of the opinion of our Executive Board that no tickets would be sold, thereby getting more members and their families together for a real old good time. Of course we will have a Peanut Scramble for the youngsters, (and we don't mean those youngsters 20 to 80 years of age). Tentative plans call for an Air show of Radio-Controlled model airplanes by Frank Dougherty. Members who witnessed the one we had a few years ago know how interesting one of these shows can be. As of now everything looks go, but at a later date nearer to the picnic date confirmation will be made with Frank to ascertain whether or not his plans had met with disaster during a previous meet...Come out one, come all, let's see if we can't make this picnic one of the best ever...AND IT'S FREE.....

The material for this article has it's beginning at the first hamfest held by the GCARC in 1959. Quite a few years ago, but after all, history must start somewhere and these are the facts as related to me. It seems that there was two individuals involved at this hamfest who later were to form their very own fest. One female and one male had mutual attraction for each other, and now years later we have two hams.

Now it seems that a certain club member, namely Della Parker, W2AFZ, saw to it that this lady received her novice and general tickets. You see "a friend in need is a friend indeed".

Other affiliations are the Young Ladies Radio League YLRL; Penn-Jersey Young Ladies PJYL; RACES being Salem County Radio Officer and the only YL in New Jersey ;holding this job.

Now the OM crops into the picture by belonging to along with the XYL the Delaware Valley Organ Club. I don't know how far the Om is advanced in his organ playing, but the XYL is currently studying under a Wilmington professional organist named Paul Richardson who is now featured at the Wilcaster Center.

Both hams are studying for their Extra-Class tickets and receive their code practice via QSO's with the XYL's brother Art, W3TV.

Two Harmonics are the result of this union, a son Robert and his XYL are living in Italy, where he is employed as a field engineer for Alivanti Underwood and expect to be there for several more months. The daughter is 1st. Lt. Mary M. and is currently stationed at Ft. Eustis, Va., weekly QSO's are held with her via a base station. After teaching for three years, she then decided to join the Army and has signed up to go to Viet Nam.

I hope that I have kent you interested long enough to reach this far to find out who we talking about. Have you any idea who it is????? Well the XYL in question is Rose Ellen Bills, WA2FGS, and the background is supplied by the OM Bill, W2CDZ. You remember the two fine people who helped judge our QSL contest. We were pleased to have them join our club and trust that they have many enjoyable and good times.

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OFFICIAL BULLETIN #223 JUNE 5, 1969

The United States has concluded a reciprocal operating agreement with Sweden which becomes effective immediately. Amateurs of one country visiting or residing in the other may obtain permission to operate their own amateur stations there. This new United States agreement adds to the QST listing appearing on page 83 of June QST.

NIKOLA TESLA
From TELECOMMUNICATIONS PIONEERS
Published by Radio Engineering Lab.
(credit line)

Nikola Tesla, American electrician and inventor, was born at Smitjan. Like, Austria-Hungry (known today as Croatia) in 1856; he was educated at Gratz, Prague, and Budapest, and until 1881 worked in the telegraphic engineering department of the Austrian government. From 1881 until 1884, when he migrated to the United States, Tesla served as an engineer with electrical lighting companies in Budapest and Paris.

When he reached America, where he eventually became a naturalized citizen, Tesla was employed by the Edison Company in Orange, N.J. and able to put his experience with lighting and electricity to good use. Later, the new American set up his own laboratory in New York City, where he devoted himself to experimental research and invention.

A pioneer in the field of high voltage, Tesla made many inventions of great value to the development of radio transmission, wireless communications, and alternating-current transmission.

One of his chief discoveries was that of the principle of the rotary magnetic field which he applied in a practical form to the induction motor. This discovery paved the way for the alternating current motor and the transmission of power by such current, employing what came to be known as 2-phase, 3-phase, multi-and poly-phase systems. This was of particular value on long distance lines and was used extensively.

Tesla also invented many electrical appliances, including numerous improvements in dynamos, arc lamps, incandescent lamps, steam engines, transformers and induction coils.

An original investigator in electrical fields, Tesla is principally known for his research in alternating-current of high frequency. His ingenuity in the field was responsible for the Tesla coil-a type of induction coil in which the primary has a high frequency spark gap instead of the usual interrupter, and whose secondary yields an intense high frequency discharge. Tesla, who contributed a number of highly significant articles to scientific periodicals before his death in 1943, also designed the famous power system at Niagara Falls.

NOTE...

The publication of this paper is too late to cover all of the preparations for the Field Day activities. But a full resume will be forthcoming with all of the high lights in the next issue. I am sorry that I am unable to cover this aspect of the GCARC in this edition but dead-lines will ;not permit.

Don't forget to contact George Stuart, K2SOL, chairman of the Advisory Committee when you need help. He just may have the answer to your problem, or then too ;maybe you also can contribute some to help another ham plight.

SCUTTLEBUTT

Here we are again after a brief 2 month in-hiding! We graciously gave way to the new Club Constitution issue and spent most of last month traveling and loafing. We apologize to all of our loyal readers and hope you somehow survived our absence. (Egad!!!, where can I vomit!).

Understand that Ken Newman, our new Club Treasurer, is now W2FBF having formerly been WB2EUU. Hope Della will recognize both calls towards our 15 member certificate.

Shortly Wayne, W2SUA, is now in in England. Wayne received what I consider to be a great honor having been selected by the NRA to represent the USA in an International shooting contest. Shorty was one of 2 citizens selected (the rest career service men) on a team of 10 members. His speciality is the small bore rifle and, obviously, he is one of the best in the world. Many congratulations, Wayne and good luck in G land.

I'm not supposed to ask WB2JZX about a certain ladder incident at WB2FJE's beam-raising party. I'm not sure whether John fell off the first rung or the top. Which one was it John?

WB2WAK's most recent (or perhaps monthly) quad and tower raising party was eventually successful we are happy to hear. Helpful hands included K2SOL, WB2FJE, WB2JZX, W2KE, WB2GKH, and WA2VEE (did I miss anybody??). After lowering the quad for a final tune-up (it wouldn't load at all) Paul claims he is now working the west coast and beyond with no trouble. Sure hope he keeps it up. (the tower that is!!)

Understand W2PLD recently worked Okinawa. Gues Wally's SB-101 is getting off the ground in fine fettle.

WA2EDH had a recent real close call in re his ticket. Seems Chet let it lapse about 364 days beyond renewal time and just got his application in a day or so before the year grace period. There once was a man from Chester, who said to -----.

Consensus of opinion was that Bob Spain, WB2RVE, did a fine job presenting our club program last month on FM and related activities around Phila. Unfortunately, our meeting ran so late that some missed his talk due to lateness of the hour. Guess we should try to hold our business meeting down to one hour or less in remembrance of our program and speaker.

Guess that Bill Shaw, WB2PVI, is on his way home from a trip that nearly took him completely around the northern hemisphere. Sure will be glad to hear his big sig. on 10 meters again. I believe that WA2EOB and maybe W2AFZ may have worked bill during his journey. FB. Late flash!! Bill arrived home safe and sound...ready to start out all over again this time with a good power supply to mobile rig!!

See that our annual club picnic planning is progressing nicely. As always, chairman John Kull, WB2GKH, does an excellent job. Every club member (and family) be certain to reserve that date, JULY 26th (I'm guessing that this is the date for I forgot to mark it down--don't be like me).

By now, Field Day 1969 will have been history. My only hope is that every club member (physically able and present) helped participate. Even if your CW or voice is rusty, at least you could have helped with the 807's.

One of our newest members WA2VXT, Harry really displayed some building club spirit--especially music to the Technical Committees ears. Harry assisted WA2NPD in squaring away W2CKX's beam even before he became an official club member--and also desired Tech. Comm. credit! Real FB Harry! Incidentally Tad, W2CKX, is doing real FB after some surgery. Hope that he feels as well as he looks.

THE PRESIDENT'S SMOKE SIGNALS

The revised constitution was unanimously passed by the general membership at the June club meeting. My heartfelt thanks to the original revision committee, W2AFZ, K3WIL, W2KE, WA2NPD, and WA2WKM, of a few years back, who must by now have thought their endeavors were for naught, and to the last committee which included W2SUA for their time and effort spent on this important program.

When letters of arrears were sent out to those members who had not paid their dues, the list inadvertently included a few paid-up members. I extend my sincere apology to those paid-up members who are wondering what it's all about, but it was too late to stop the letter mailing.

After some delay in the auditing of the club treasury (WB2FJE having resigned because of a change in jobs), W2YNR and WA2VEE have finally given the "all clear" signal to W2FBF (ex WB2EUU). I'm sure Ken will do a fine job in the remaining months of this year.

There will be no club meeting on July 2nd since the club picnic on July 26th takes precedence for this month.

Enclosed with your copy of CROSSTALK is a free picnic ticket to get into Lake Garrison. This is the first time that everyone has received a free ticket, hoping that the turnout will be greatly enhanced. There will be prizes for the hams and XYL's and small goddies for the little harmonics to enjoy. So everyone come on down to Lake Garrison and enjoy the fine time and social-ability that everyone has enjoyed in the past years. Chairman John Kull, WB2GKH, has informed us that all is ready for another gala affair. See you there.

To get to Lake Garrison just follow Route 47 (Delsea Drive) south until you reach the traffic light at Route 47 and Route 322. Turn right and proceed to the next traffic light at High and Main Streets in Glassboro. Turn left and you are now on Route 553. Follow this straight thru and you will reach Lake Garrison which is on the right side of Route 553.

I certainly hope that everyone enjoyed Field Day on June 28th and 29th! Where else can you get the fine cooking and quarters that we had. At least the field day site was in better shape this year than last.

This is all for now gang!----ATTENTION THE PICNIC