



CROSSTALK

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GCARC 16th IN VHF CONTEST

GCARC came in 16th in the club scores for the 17th annual VHF SWEEPSTAKES Contest held last January. The clubs 13 participating members racked up a score of 25,586 points. The certificate winner (member submitting highest score) was W2LVW with 216 contacts and 9,216 points. If another 13 members had participated, and turned in the same average score per station as the 13 that did participate, GCARC could have been in 5th or 6th place!

DELAWARE HAMFEST...AUGUST 16th

The annual Delaware Hamfest will be held at Wheelers Park in Harrington, Del. on August 16th. Tickets in advance \$1.50 or \$2.00 at the gate. Write K3061, Dover, Delaware. Price includes the family.

ARRL NATIONAL CONVENTION

New York City
August 21, 22, 23

Several years of planning and hard work by the member clubs of the Hudson Amateur Radio Council will come to a climax within weeks with the opening of the 13th National American Radio Relay League Convention at the New York City Hilton Hotel on Friday August 21st. Three of the fullest days in amateur radio are planned by HARC, representing some 40 amateur radio clubs in the Greater New York area, with the keynote of the occasion being the celebration of the 50th anniversary of the founding of the ARRL.

General admission at the door is \$4.00, this is exclusive of special interest luncheons and breakfasts. For more information write HARC Convention, P.O. Box 58, Central Islip, Long Island, New York.

CROSSTALK

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MEETING NOTICE

THE REGULAR MONTHLY MEETING OF THE CLUB WILL BE HELD ON WEDNESDAY AUGUST 5TH AT THE OWENS-ILLINOIS CLUB HOUSE IN GLASSBORO N.J. IT WILL START PROMPTLY AT EIGHT PM.

BOARD MEETING

The August board of directors will be held on Wednesday August 19, as scheduled. The start time as usual is 8.

de K2JKA

Where were the other fifty? That's a real good question; of course I am referring to FIELD DAY. It was my understanding that FIELD DAY was a club activity; if it was understood otherwise I am sure that many including myself would not have advocated spending club funds for equipment, etc. The turnout over the weekend of June 27-28 was by no means representative of a club with 80 members. Less than 30 even took the time to show up, and of that 30 less than half took an active part either by operating or helping to set up or dismantle equipment. WHY?.....In view of this maybe the club should re-evaluate it's policy on these activities. If the majority of the general membership wants a do-nothing club then why shouldn't they have it? A few individuals put an awful lot of work into organizing and setting up this activity and the rest of the club shows its appreciation by staying at home. The situation seems to get worse every year. According to calculations, if this trend continues, in a couple of years the FIELD DAY chairman will make arrangements, set up the equipment, and then operate for 24 hours by himself in order that GCARC is represented in this activity.

TWO GACRC MEMBERS HEARD OFF FREQ

It seems that two GCARC members were heard in the middle of the FM broadcast band last month. The culprits WA2ZJY and K2QGH claim that it wasn't their rigs that were at fault; it seems as though they were guests of Buzz Allan of WIF1-FM where they talked up ham radio, GCARC and the GCARC hamfest.

POST OFFICE DEPT TO ISSUE STAMP HONORING AMATEUR RADIO OPER'S

The Post Office Dept has announced plans to issue a commemorative postage stamp honoring amateur radio operators in recognition of public service contributions. The stamp will be issued later this year, perhaps in October in connection with the 50th anniversary of the ARRL. September QST will contain complete details and specific information on how to obtain first day covers as mementos of the occasion.

MOONBOUNCE TESTS SUCCESSFUL

The June 13 and 14 moonbounce tests paid off handsomely for KP4BPZ. Using the 1000-foot reflector antenna at Arecibo Puerto Rico, KP4BPZ worked W1BU, W9GAB, HB9RG, W9HGE and G3LTF on 432 mc. CW and W1FZJ on AM. On June 14th using 144 mc, CW he worked W1BU, K2LMG, G2HCJ, WB6GZY, DJ3EN, W3TIK, W3TMZ, W3LUL, DJ8PL, W4HJZ, DL3YBA, W4FJP and WØIC.

dont forget to
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even if you didn't

FOR SALE

Six-meter GONSET Communicator II
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Sid Gantz WB2JRU

APPLICATION FEES NOW PERMANENT

The U.S. Court of Appeals for the seventh circuit in Chicago on July 10 issued it's decision that the imposition of application fees by the FCC is lawful and that amateurs are not exempt from the fees even though public service is rendered. The courts decision came in a suit against the FCC participated in by fourteen organizations, including the ARRL. Unless there is an appeal or action by Congress, the application fees may be regarded as permanent.

FCC RULES AMMENDED

By report and order in Docket 14267, FCC has amended section 97.87 of it's rules to delete the requirement for CW or phone identification of the station being called by an amateur station using facsimile, TV or RTTY. Thus the dual identification can be by automatic means. FCC suggests keying speeds of less than 25 wpm and shifts greater than 100 cps for this automatic identification. The new rule becomes effective on August 10, 1964.

WHAT EVER HAPPENED TO OUR CALL
LETTER LICENSE PLATES IN NEW
JERSEY?

TVI.....IT'S CAUSES AND CURES

Interference is a bad word in "Ham Radio Circles". If it's not QRM then it's apt to be TVI. It's amazing how little a goodly number of hams know as to the causes and cures of TVI. The usual reply to a TVI problem is to place the fault with the TV receiver. More than likely, in a great number of cases, the fault is rightly placed; however it still behooves us as amateurs to familiarize ourselves with some of the causes and cures of these problems. It can go a long way toward better public relations for John Q. Ham.

HARMONIC RADIATION-usually causes widespread interference to TV channels in direct harmonic relationship with the transmitter operating frequency. The only effective cure for this type of interference is modification of the transmitter to eliminate the spurious signals or in some cases a low pass filter installed at the transmitter will attenuate harmonic radiation.

OVERLOADING-caused by the strong signal of a nearby transmitter getting into one or more of the frontend stages of the TV receiver this causes crossmodulation, much the same as a very strong signal causes in a communications receiver or a VHF converter. This type of interference is usually most severe on TV channels adjacent to the transmitter operating frequency. This can usually be eliminated by installing a high pass filter at the TV receiver. **WHEN INSTALLING A HIGH PASS FILTER, ALWAYS INSTALL IT AS CLOSE TO THE TV TUNER AS POSSIBLE AND GROUND THE FILTER TO THE TV CHASIS.**

AUDIO RECTIFICATION-this is caused by RF finding its way into the audio circuitry of the receiver and being detected in an audio stage. Audio is present on all TV channel along with the regular TV audio. The cure for this type of interference can usually be had by bypassing and filtering of the offending audio stage's grid circuit. Grounding of the TV chassis is also effective.

SCARA HAMFEST TO BE HELD SEPT 20

The So. Counties Amateur Radio Assn. will hold their annual hamfest on September 20th at Lake Lenape in Mays Landing.

KILOCYCLE CHATTER

W2MMD is now mobile on 75 meter SSB.

W2YNR is very big on the water skills! He's giving lessons now. Or maybe that's taking lessons.

K2JKA is spending the first two weeks of August in upstate N.Y. courtesy of good old Uncle Sam, and you the taxpayers!

K2PQD is now typing away on RTTY

WA2WWF APPOINTED GCARC DIRECTOR

Bob Danley WA2WWF was appointed by the president and confirmed at the last board meeting, to fill the unexpired term of director that resulted with the resignation of K2PQD. The term runs until December 1964.

Those of you that need Mass. on six meters are advised that W1BBI will be operating during the summer months from Mt. Greyloch. He is 3491 ft above sea level and booms in with 20 over signals. QSL via K1RGQ.