



CROSSTALK

MAY 1965

VOL. 7 NO. 5

MAY 17-22 IS AMATEUR RADIO WEEK IN GLOUCESTER COUNTY

The Gloucester County Board of Freeholders have proclaimed the week of May 17-22 as "AMATEUR RADIO WEEK" in Gloucester County. In connection with this event GCARC will set up and operate at least two stations, one to be located at Sickles Shopping Center in Woodbury, and the other to be in Pitman, at a site to be announced. In addition to this there will be several "static" displays of Amateur Radio equipment, QSL cards, etc.

At press time, a lot of the work involved in this project has been completed....however a lot still remains to be done. The operational stations will be in action on Thursday the 20th and Friday the 21st in the evening hours and on Saturday the 22nd all day. This will call for many shifts of operators. Are you in a position to lend a hand? Pete Blew WA2KWM is doing the operator scheduling. A call to Pete will place your name on the list at a time of your convenience. Equipment has to be set up and taken down. Can you help us on this? Mal Mason W2MMD is the one to volunteer your services.
(contd on page 9)

from MR. GEORGE BAILEY W2KH

Recent Remarks by George Bailey W2KH (which we consider a very reliable source) past ARRL President have indicated that the FCC is interested in hearing from individual amateurs in the form of a letter on Docket 15928. This information which was obtained in a 75 meter SSB QSO with W2KH, notes that the Commission is interested in specific comments on all or part of the proposed rule making, rather than a blanket yes or no of the entire proceeding. Comments, set-
(cont'd page 9)

GCARC HAMFEST TO BE HELD AT CRYSTAL BIRCH LAKE JULY 25, RAIN DATE AUG 1

FIELD DAY 1965---June 26/27

Right now all of the excitement connected with GCARC centers around "AMATEUR RADIO WEEK" however after all of the commotion quiets down we will be staring FIELD DAY 65 right in the face. Are you contributing to this activity in one way or another? Last year we had a pretty bad showing....for a club with almost 70 members we only had 20 or so show up! An awful lot of the members of GCARC miss out on some real good times...and real good operating experience by not participating in this event. Why not set aside June 26/27 now and plan on coming out and joining the gang? K2AQL is chairman of this event.

W E L C O M E

GCARC welcomes the following new members:

Dick Wang K3ZNI Mt. Royal
Bob Spains Turnersville

Nice to have you aboard; we will be looking forward to having you take advantage of as well as participate in the many GCARC activities that take place throughout the year.

THIS MONTHS CROSSTALK was mailed to several additional Amateur Radio Clubs in hopes that we can increase our list of exchange papers. If your club was one of those to receive CROSSTALK for the first time we would like you to put us on your mailing list! Let us know what you are doing, the exchange of ideas is a healthy one for the clubs and for amateur radio. ED'S NOTE: Besides we like to steal articles from the papers.

AMATEUR RADIO WEEK---MAY 17-23

FCC TO LOWER THE BOOM ON CBers

The FCC has ADOPTED the new rules for the CITIZENS BAND substantially as first issued last summer. The changes (FCC Docket 14843) were first adopted on July 22 of last year and were to be effective on November 1st, however a stay was issued while the Commission gave attention to petitions for reconsideration. Several 1964 issues of CROSSTALK carried numerous highlights of the proposed tightening up of the CB regulations. The new rules become effective April 26.

B O O K R E V I E W

IONOSPHERIC RADIO PROPAGATION

The Government Printing Office has announced that a 9 chapter 443 page book entitled IONOSPHERIC RADIO PROPAGATION is now available at a cost of \$2.75. The book written by Dr. Kenneth Davies of the Central Radio Propagation Laboratory of the National Bureau of Standards emphasizes among other things: the electron layer production, the geo-magnetic field, and the magneto-ionic theory. Traditional areas are also covered in separate chapters----one on VHF radio signals and the other on low and VLF radio waves. Orders for this book should be addressed to the U.S. Government Printing Office, Division of Public Documents, Washington, D.C. 20402

RADIO PROPAGATION AND THE RADIO AMATEUR--- RCA Ham Tips

Howard Jones W3MBW reviews the subject of Radio Propagation as it applies to the radio amateur, a very interesting and informative article in Ham Tips, winetr 64-65 free from your RCA Distrib.

CROSSTALK

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M E E T I N G N O T I C E

The regular monthly meeting of the Gloucester County Amateur Radio Club will be held on Wednesday evening May 5 at 8 PM at the Owens-Illinois Clubhouse in Glassboro, New Jersey. The speaker for the evening will be

DON BROWN K2RWD

who will give a lecture and demonstration on radio controlled model airplanes. Don is associated with DB Engineering Co. of Pitman. He has won several national awards in the R/C field. Refreshments will be served after the meeting.

de K2JKA

It has only been a couple of months since the name calling over the League's "Incentive Licensing Proposal" (RM-499) has died out....apparently this was just the lull before the storm; now that the Commission has served notice (Docket 15928) that it favors even wider reaching reforms in the Amateur Radio Service. No doubt the fire of the crack pots will now be centered on Washington rather than Newington. It is interesting to note that the Commissions proposal is put together from some ten of the petitions for rulemaking that have been filed during the past two years. Docket 15928, if adopted, will not only affect the holders of General Class Licenses, as would RM-499, but every holder of every class of amateur license, Novice through Extra, will feel the pressure that will be brought to apply. Some may be affected favorably, others will take a dimmer view of the situation. It therefore behooves every licensee to study carefully the contents of this Docket and then form a rational viewpoint on the issues at stake!

Let's avoid the heated arguments that took place after the release of RM-499. After-

(Continued on page 5)

STOLEN TID-BITS:

The material contained on this page was borrowed (we don't like to say swipped too many times for fear we might get caught) from various ham publications. It is intended to give GCARC members an idea of what some of the other clubs across the country are doing.

The OUTAGAMIE (wisc) Radio Clubs bulletin, called the ORC NEWSLETTER points out that the last meeting in '64 was a banquet with door prizes and the '65 officers were installed, next to field day this is the clubs biggest event.

Members of the AK-SAR-BEN RADIO CLUB (Nebraska) recently supplied communications for the Explorer Scout canoe race. Nine stations were set up along the 58 mile route. Four were base stations operating from gas driven generators, others were mobile units. Direct contact was maintained with Omaha, and the racers progress was reported via the local radio and TV stations. The exercise proved to be most valuable from both a public relations standpoint as well as general practice for emergency operation.

The DAYTON AMATEUR RADIO ASSN. launched its building fund project in the past year. This is slowly gaining momentum---bringing nearer the day when the club will own its own clubhouse.

The CITRUS BELT AMATEUR RADIO CLUB publishes a paper called the "MODULATOR" Non-members of the club that would like to receive their paper can send a dollar to WA6RGR, PO Box 142, Colton, Calif.

From WITCHITA AMATEUR RADIO CLUB'S "GROUNDED GRID": Statistics show that more antennas are broken, built; rebuilt, strung up, experimented with, shortened, lengthened; soldered, SWR eliminated, etc. in weather best suited to a good book, an old arm chair, and crackling logs in the fireplace! (EDS NOTE: aint that the truth!)

The ROANOKE VALLEY AMATEUR RADIO CLUB publishes the "W4CAL LOG" Their paper includes a page for the XYL'S titled "The Widder's News"

From the NESHO VALLEY (Kansas) AMATEUR RADIO CLUB "What are YOU doing to improve your club---and what is your club doing to improve YOU?"

From the PHILMONT AMATEUR RADIO CLUB: Committees of TWENTY deliberate plenty---Committees of TEN meet now and then---but most jobs are done by committees of ONE!

SQUELCH is published by the ANAHEIM AMATEUR RADIO ASSN. K6GNZ is the Editor. This club features a monthly breakfast. Subscriptions are available for \$1.50.

From the BLURB (philmont ARC). On Jan. 5, 1965, Brad Martin W3QV received a visit from two representatives of the FCC. These gentlemen were interested in verifying the existance and completeness of station logs, and in addition obtaining answers to some 18 questions relating to the operation of W3QV. This was a routine check and in CM Martin's case everything turned out A-OK. This might indicate more checks forthcoming....are all your records in good shape?

de K2JKA (from page 3)

all we are supposed to be a group of mature individuals. Some doubt could be cast upon this statement after listening to some of the haggling that has been going on over this issue. Discussion is fine, it makes for a healthy situation, provided it is discussion and not a free for all. Such remarks as "the Newington Gestapo" and "fatheads from Washington" serve no useful purpose in clarifying the issues to be decided upon.

The Commission has invited comments on Docket 15928; they must be submitted by July 15th and be filed with the original and fourteen copies. The ARRL has also invited comments to be directed to the division directors. NOW IS THE TIME TO DO SO. When this docket is adopted, or rejected a year from now many will still be heard to say, "How undemocratic, we didn't even have a chance to express our opinion!"

Copies of the docket can be obtained from the Government Printing Office, A.R.R.L. and it is also expected that May QST will contain a reprint of it.

THIS SPACE

WAS RESERVED
FOR YOUR
CONTRIBUTION
TO THIS MONTHS

C R O S S T A L K

AS YOU SEE
WE DIDN'T
GET IT
HOW COME?

FOR SALE

NATIONAL NC-155

Bill Frambees

KILOCYCLE CHATTER

Dick, K3ZNI/2, still promises that he will start code practice on six meter MCW as soon as he gets his new hamshack straightened out. CROSSTALK will carry complete details as to frequencies, times, etc

WB2JRU will be on six meter RTTY soon!

THE BASIS AND PURPOSE OF AMATEUR RADIO
(from section 97.1 of the FCC rules and regulations)

The rules and regulations of this part are designed to provide an amateur radio service having a fundamental purpose as expressed in the following principals: (a) Recognition and enhancement of the value of the amateur service to the public as a voluntary non-commercial communications service, particularly with respect to providing emergency communications. (b) Continuation and extension of the amateurs proven ability to contribute to the advancement of the art. (c) Encouragement and improvement of the amateur radio service through rules which provide for the advancing of skills in both the communication and technical phases of the art. (d) Expansion of the existing reservoir within the amateur radio service of trained operators, technicians, and electronics experts. (e) Continuation and extension of the amateur's unique ability to enhance international good will. (underlining supplied)

MAY 17-23 IS AMATEUR RADIO WEEK IN GLOUCESTER COUNTY NEW JERSEY!!!!

S T O L E N from various HAM publications:

From K9YHB Lawndale Chicago Boys Club Amateur Radio Assn

Club and individual amateur antenna installations are in a sense a public relations medium. In many cases this is all the public ever sees of amateur radio. Poor installations damage public relations. One person writing in the Chicago Tribune about TVI, BCI and telephone interference included, "his tall pipe antenna also is a source of danger with it's many arms reaching out in every direction. When ever a severe windstorm comes along it tumbles down!" Mechanical instability is entirely the amateurs fault and should have never been created. Could a similar statement be written about your station? How many solid strands are left in your tower guys? HOW GOOD ARE YOUR PUBLIC RELATIONS?

THE BUCKS COUNTY AMATEUR RADIO CLUB (Bristol, Pa.) puts out a fine monthly publication called the X-MITTER, and ye-hon-CROSSTALK-ed consideres himself fortunate to be on the mailing list of this publication. Thumbing through the March issue we find that they have five full length articles written by club members. We wish that Bill Copestakes W3UAX, who is the managing editor of the paper wpuld let us in on the secret of how he manages to collect so much material from the club members for their paper. Other back issues of the paper also reveal very fine club support of the X-MITTER. How about some of the GCARC gang getting together and taking a run up to one of the BCARC meetings? Maybe we could learn the secret that way!..!.

THE CLUB DIRECTORY

As I type this very page of CROSSTALK ye-old fingers are numb! The club directory is finished. We typed for five hours Friday evening and nine hours yesterday (Sat) and for three hours today (Sun) with 99.99% of it being the directory. By the time you get this issue of CROSSTALK you should (I hope) have the club directory. We think it is a worthwhile project and hope that you will find it of use. I hope that it serves to help you get to know your fellow club members a little better. Appologies to those not listed but it's your own fault....either you think you are a club member and are not due to lack of paying DUES (they were due by April 1) or you neglected to send in the questionnaire (we printed it twice in CROSSTALK) that the info came from. Late comers, on both dues and questionnaire) can still submit the information and we will issue supplements to the directory. Every club member gets one copy free...additional copies are available in limited quantity at a cost of 25¢ each.

MAY 17-23 IS AMATEUR RADIO WEEK
IN GLOUCESTER COUNTY NEW JERSEY

W A R N I N G

This same warning gets printed every year about this time on these very same pages of CROSSTALK yet last year we counted at least two GCARC members and numerous others just asking for trouble. 50.000 to 50.100 mc. is for A-1 emission only....A-1 means CW. Invariably as soon as VP7CX and some of the other DX stations start coming through on six there will be the few LIDS that will insist on zero-beating. These DX stations are legally operating phone below 50.100....they can you can't! STOP, LOOK and LISTEN before attempting to zero-beat DX on six!

On April 1st the FCC released the text of Docket 15928. The complete docket, which consists of ten pages is much too long to be reprinted in CROSS TALK. Copies can be obtained from the Government Printing Office. Below is a summary of the major amateur rules changes that are proposed.

HIGHLIGHTS OF F.C.C. DOCKET 15928

1. One year after the adoption of the new rules the lowest 25 kc. of the 80-40-20-15 meter CW band would be restricted to the holders of amateur EXTRA class licenses; after two years the lower 50 kc. would be so restricted.
2. One year after the adoption of the new rules the lowest fourth of the 80-40-20-15 meter phone bands would be restricted to the holders of amateur EXTRA and FIRST CLASS licenses; after two years the lower half would be so restricted.
3. One year after the adoption of the new rules the lowest 100 kc. of the six meter band and the lowest 500 kc. of the two meter band would be restricted to the holders of amateur EXTRA and AMATEUR FIRST CLASS licenses; after two years the lower 250 kc. of six meters and the lower 1 mc. of the two meter band would be so restricted.
4. A new AMATEUR FIRST CLASS license would be instituted. Requirements would be: (1) a 16 WPM code test (2) at least one year tenure as a GENERAL, ADVANCED or CONDITIONAL licensee (3) Written examination would be of difficulty somewhere between the present GENERAL and EXTRA.
5. ADVANCED Class licenses would be renewed only as GENERAL Class.
6. NOVICES would be licensed for a two year non-renewable term. All privileges would be retained except voice operation in the 144 mc. band.
7. Distinctive calls would be issued. Extra class holders would be given two letter calls; those originally licensed prior to July 1932 would have a single letter W prefix e.g. W1AW those originally licensed subsequent to that date would have a two letter prefix e.g. W1AW First Class licensees originally licensed prior to July 1932 would be issued two letter calls with the single letter prefix K e.g. K1AW those licensed subsequent to that date would have two letter calls with the prefix KA e.g. KA1AW. GENERALS would retain standard calls such as W1AWW, CONDITIONALS would have a WC prefix followed by a figure and three letters e.g. WC1AWW, TECHNICIANS would have a WT or WU prefix followed by a figure and three letters, NOVICES would retain the WN/KN prefixes.
8. The present holders of two letter calls would retain them regardless of their qualification for an EXTRA or FIRST CLASS license. However they would not be extended privileges of the higher class.

VOICE YOUR OPINION ON DOCKET 15928

Page -7- of this months CROSSTALK contains the highlites of the proposed rule changes to the Amateur rules and regulations. READ IT CAREFULLY. At the May GCARC meeting (May 5th) a poll will be taken to determine what the feeling of the membership is on these points. The results of this will be sent to the Atlantic Division Director of ARRL, Mr. Gil Crosley in time for the May 21 Executive Board meeting of ARRL.

Individual comments on this proposal can also be submitted to Mr. Crosley. They should be in his hands well in advance of the May 21 meeting.

GCARC TO STUDY WAYS OF RAISING MONEY FOR THE CLUB TREASURY

The April board meeting was the scene of much discussion by the eight officers and directors present on the subject of the club's financial status. At present there is some \$250 in the treasury. This may sound like a lot to some...however reviewing the records of years gone by will show that we may be in for trouble considering that this is May and we still have eight months to survive! Recurring expenses such as coffee at the club meetings, the cost of the janitor service for the club house, and CROSSTALK may well leave us with little or nothing in the treasury by years end. A bad turnout at the HAMFEST will be disasterous!

Several different methods of raising money for the club were brought up and discussed. Running theory classes at one of the Adult Education centers for a fee, selling of various items, and a drawing to be held at club meetings were among the money making projects on the list. Added to this list is the prospect that we might also seel advertising in CROSSTALK.

At any rate a committee of three will be appointed to investigate these and other "green making ideas" The committee will be instructed to report back to the board no later than the June board meeting. WHAT ARE YOUR IDEAS??.?

don't forget to
SAY YOU SAW IT IN CROSSTALK
even if you didn't!

S W A P - N - S H O P

FOR SALE

Two Collins 455 kc. mechanical filters....one 3.1 kc. and one .05 kc. bandwidth. Seven pin min. socket mounting. \$50 for the pair.

GURDON COOPER W2PAX

WANTED

Rotator for a small six meter beam.

TAD DEUBER W2CKX

KILOCYCLE CHATTER

K3ZNI/2 is now W2APP!

K2JKA worked FG7XT and PZ1AX on 20 meter RTTY.

AMATEUR RADIO WEEK (from page 1)

VICES to for this phase of the project. He can be reached at 358-8144.

The Public Relations committee of the club has covered all industries, schools, service clubs and local municipalities with publicity on AMATEUR RADIO WEEK. This covers the reasons for such a proclamation as well as a run down on public services performed by Amateur Radio operators. There will be press coverage of the stations in operation.

The sites for the operational stations was chosen because of the large number of people usually present at these locations.

An undertaking such as this for a club the size of ours is a staggering task to say the least. To be completely successful it will require the complete cooperation of every GCARC member in one way or another. Many have already done their part in the form of artwork, posters, gathering equipment, etc. WE STILL NEED YOUR HELP. Can we count on you?

WANTED:

FULL LENGTH ARTICLES FOR NEXT MONTHS CROSSTALK. WE HELD THIS SPACE OPEN FOR YOUR ARTICLE THIS MONTH BUT WE DIDN'T GET IT?

TRANSMITTER HUNT TO BE HELD

The AREC will hold another one of it's very popular six-meter transmitter hunts on May 7th. All are welcome to participate, AREC members and non-members. W2LVW will furnish all details upon request.

don't forget to

SAY YOU SAW IT IN CROSSTALK

even if you didn't!!!!

from GEORGE BAILEY W2KH (page 1)

ting forth reasons and/or suggestions on specific parts of the proposal should be timed to reach the commission in advance of the July 15 deadline. It was unofficially indicated that the commission would consider letters (irregardless of wheather 14 copies are submitted)

GCARC HAMFEST
July 25th/Aug 1st

Shortly before this months issue of CROSSTALK was due to go to press it was announced, by the Hamfest Committee, that arrangements had been completed to hold the annual hamfest at Crystal Birch Lake on July 25th with a rain date of August 1st. June CROSSTALK will contain more details.

AN INTERVIEW WITH -----, a regular monthly feature of CROSSTALK written by Harry McCormick WA2SEA has been ommitted this month due to the club directoyy being issued Harry has promised to continue with this article on a monthly basis, which contains a brief resume on a particular club member each month. These articles contain much more of the lowdown on GCARCers than it was possible to print in the directory. WATCH FOR IT NEXT MONTH.

AREC NOW ACTIVE ON 20 METERS

Jim Peck W2LVW, EC for Gloucester County has announced that weekly net sessions are being held on 20 meters at 9:30 PM local time, on Friday evenings. The frequency is 14.270 mc.

This net is in addition to the two six meter nets on Friday evenings; the RTTY net at 7:00 on 50.8 mc. and the phone net at 8:00 on 50.9 mc.