

# CROSSTALK

THE OFFICIAL ORGAN OF

THE GLOUCESTER COUNTY AMATEUR RADIO CLUB INC.

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## STAFF

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Della Parker W2AFZ

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George Stuart K2SOL

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of Feb. 15th

Paul Walton W2YNR

MEETING OF THE GCARC ON WED. NITE MARCH 1st AT 2000 HOURS

WHITE ELEPHANT SALE \*\*\*\*\*BARGAINS\*\*REAL STEALS\*\*THE SAVINGS ARE OUT OF THIS WORLD \*\*\*\*\* LIKE GO MAN TO THE WHITE ELEPHANT SALE

Bring along anything you have that you no longer need that perhaps some other ham would be interested in buying. If you don't have anything to donate for the sale perhaps you may see something that you have been needing. So bring an ample supply of cash. The white elephant sale is usually a lot of fun for everyone so don't miss this meeting.

Our program for the following month (April 5th) will be a movie of the BULLISTIC MISSILE EARLY WARNING SYSTEM (BMEWS) which is nearing completion for the defence department by Radio Corp. of America.

#### MEMBERSHIP DRIVE

Milt Goldman, our membership committee chairman, is launching a new membership campaign. The members who recruit three new members for the club will be presented their call letters on a strip of Scotch-Lite for sticking onto the bumper of their car. The call letters will be prepared for the member upon receipt by the treasurer the initiation fees for the three new members.

#### A NEW BILL FOR CALL LETTERS ON NEW JERSEY LICENSE PLATES

At the February club meeting Frank Cianinglini reported that bills are being sponsored in the senate and the assembly for call letters on our license plates. Senator Dument is sponsoring the Senate bill No. S24 and Assemblyman Minolti is sponsoring bill No. A168 in the Assembly. Frank stated that he believed the bills may have a good chance of getting through this time.

#### CODE CLASSES TO RESUME

As a result of several requests for code classes in the county by people of various organizations, the board of directors appointed a code class committee. The committee will attempt to start the classes by the latter part of March or early April. Plans also call for class room facilities near bus transportation that is available to the entire county. The code course for this season will be for novice ticket only. It is planned that next fall courses will include a class for general class code requirements. The committee are Jack Sterner, chairman, Doug Gehring, Instructor, and Van Turner.

#### GLOUCESTER COUNTY CD HEADQUARTERS TO BE MOVED TO A NEW LOCATION

Van Turner, the county radio officer, announced that plans are materializing for a move of the CD radio equipment to new quarters in the basement of the old court house building. The complete headquarters will consist of four rooms. The radiocommunications department will be housed alone in one room. Each operating position will be separated more completely than the present set up. Special windows will be constructed to pass messages from the radio room to other rooms of the headquarters. Van stated that the move should be completed by May 1st.

## MEMBER TO PRESENT PAPER AT CHEMICAL ENGINEERS CONVENTION

Paul Walton (W2YNR) who is a Chemical Engineer for Socony Mobile will present a paper entitled "Simplified Approach to Problems of Catalyst Replacement Economics" to the American Institute of Chemical Engineers at their convention in New Orleans on May 1st. Paul plans to take his "Sixer". So look for him on six meters from New Orleans HI!

## MAL MASON DELIVERIES HIS FIRST TRAFFIC

Recently Mal (W2NMD) received a message from Florida via five hams. It required one hour and ten minutes from time origin to time of receipt of message by the addressee. However, the contents of the message was not of a pleasant nature. Mal had the unpleasant duty of informing the addressee who lives in Vineland that a relative passed away. Here's hoping that Mal will be privileged to handle more pleasant traffic in the future.

## ARRL\*\*\*\*\*BULLETINS\*\*\*\*\*ARRL

## OFFICIAL BULLETIN NR 786

FROM ARRL HEADQUARTERS WEST HARTFORD CONN FEB 2 1961  
TO ALL RADIO AMATEURS BT

The ARRL cross indexed net directory of nets registered up to December 13, 1960 is now ready for distribution. Nets are listed by name, by state in which operated, and by frequency from low to high. There will be no automatic mailing this year. You will receive the net directory only upon request. Drop a line or radiogram to Headquarters giving your name, call and complete address. Previous requests are now being processed AR

## OFFICIAL BULLETIN NR 787

FROM ARRL HEADQUARTERS WEST HARTFORD CONN FEB 9 1961  
TO ALL RADIO AMATEURS BT

VHF enthusiasts will be interested in the following high claimed totals registered in the ARRL VHF Sweepstakes of January 7 and 8. Single operator station scores of over 12,000 points are claimed by W3HYJ W3KKN K2TTP W2EIF K2TYW W2BLV W3CKP W3HFY W9ROS W2BV W3CL W1QXX K3IUV W3TYX W2KFC W3FQD W3FSC W2PAU W2NSF K9LTC K2MLB K9QPA W1HDQ W3HKZ K8MM K3HNP W2JAV and W3TXO. Multiple operator stations claiming over 12,000 points are KL4II W2ADE W2PEZ W2REB W3QOB/3 K2JZW/2 K6TJL/6 K2MUB K2RRM/2 and K8BLS/8. A more complete listing of ARRL VHF Sweepstakes high claimed scores appears in April QST TR

## CD NET

The CD net is conducted every Friday night at 9:30P.M. with W2KE call sign for net control on the following frequencies.

28.57 Mcs.  
50.52 Mcs.  
145.44 Mcs.

MINUTES OF THE BOARD OF DIRECTORS MEETING

Feb. 15, 1961  
Mal Mason's- W2MMD  
Monroeville, N.J.

Present:

W2JOZ	K2SOL	W2LVW	W2MMD	W2KE
W2GQK	K2PQD	W2AFZ	K2AQL	WA2NPD
				W2YNR

Minutes of previous meeting were read, corrected, and approved.

Treasurer reported a balance of \$274.61

Committee Reports.

T.V.I Satisfactory progress.

C.D. W2KE reported that no further action has been taken on "muster day".

Special Events- A meeting is being arranged between C.R.C., Salem, and G.C.A.R.C.

All other committees reported "no progress" or "satisfactory progress"

Old Business

The P.A. system for Owens-Illinois will be installed on Feb. 19th. by W2KE, K2GHZ and other members. Other work on the ham shack will also be attempted provided there is a big enough turnout.

A list of club members will be published in "Cross-talk"

Members are reminded that this is the last chance for prepayment of dues.

Meeting notices will be continued only for club members.

New Business

WA2NPD has offered to conduct a code class. This was discussed. It was agreed that G.C.A.R.C. should sponsor a class at some centrally located high school. A committee made up of W2GQK(ch), W2KE, and WA2NPD will investigate. W2YNR will publicize.

It was suggested by K2PQD that the G.C.A.R.C. offer message handling to local institutions such as hospitals, etc. After some discussion it was agreed that members in traffic operations be contacted on this subject.

The meeting was adjourned at 2202 EST and refreshments served by Mrs. Mason.

Respectfully submitted W2YNR

## T V I

The T V I committee of your club has been set up not only to work with the F.C.C. on specific T.V.I. cases but also to try to help the individual amateur eliminate the problem before it becomes a complaint registered with the F.C.C. It will therefore be to the individuals advantage to ask for help on a problem before it becomes a registered complaint. We don't profess to be experts but we will do our best to help if we are requested to do so. The following people make up the present T.V.I. committee with more to be added in the future.

George Stuart K2SOL Chairman  
 Charles Sketchley K2POJ  
 Horace Simpson W2JOZ

In coming editions of Crosstalk we will try to give pertinent facts and information on T.V.I. problems and their solutions. Your comments will be appreciated.

For the amateur who does most of his transmitting on frequencies below 30 Mcs. the T.V. band of principal interest is in the low VHF band between 54 and 88 Mcs. or more commonly known to our area as channels 3 and 6. If harmonic radiation can be reduced to a point where no interference is caused to channels 3 and 6, it is almost certain that any harmonic troubles with channel 10 (or 174 Mcs. and above) will disappear also.

Harmonics of the 3.5 and 7 Mcs. band fall in every TV channel. The 6th harmonic of a 14 Mcs. signal falls on channel 6 frequency. The 3rd and 4th harmonic of a 21 Mcs. signal will interfere on channels 3 and 6 respectively and the 9th harmonic on channel 10. On 28 Mcs. it is the 3rd and 7th harmonics which do the damage on channels 6 and 10. Harmonics from the 3.5 Mcs and 7 Mcs. band whose frequencies fall above 54 Mcs are usually of such high order that they are of rather low amplitude, although they may be strong enough to interfere if the TV receiver is quite close to the amateur transmitter. Low order harmonics up to the sixth are usually the most difficult to eliminate.

A VHF amateur transmitter having multiplier stages either tuned to or having harmonics in one or more of the VHF TV channels can also present TVI problems. The RF energy on such frequencies can be radiated directly from the transmitting circuits or coupled by Stray means to the transmitting antenna.

The best insurance against a registered FCC TVI complaint is a clean TV receiver at you own QTH.

THE ROSTER OF MEMBERS OF THE GLOUCESTER COUNTY  
AMATEUR RADIO CLUB INC.

Andrews, Frank	W2STW	Morgan, Glenn	WV2QHQ
Bende, Earl	W2USG	Murry, Denny	K2RRRT
Bischoff, Alva	K2PEG	Netherby, Dick	WV2ICN
Boston, Samuel		Oberst, Jack	W2TLO
Brown, Charles	WA2KGD	Pakus, Steve	W2PZX
Burdsall, John	WA2CBW	Parker, Della	W2AFZ
Cianinglini, Barry		Peacock, Albert	K2MLS
Cianinglini, Frank	K2JLY	Peck, Jim	W2LWV
Cohen, Bernard	K2OJX	Perry, Harry	WA2IAZ
Cooper, Gordon	W2PLX	Peterson, Roy	K2GHZ
Curtis, Don	K2UVW	Ralls, Pappy	WA2CVW
Davis, Bernard	W2IFE	Ritter, Frank	K2UUY
Deuber, Tad	W2CKX	Roche, Al	K2HHJ
Foxx, Ernie	K2JWN	Scarpa, Larry	WA2CVV
Frantz, Elwood	K2AQL	Scarpa, Paul	W2HSE
Gehring, Doug	W2NPD	Simpson, Horace	W2JOZ
Geisler, Albert	WV2LVY	Sketchley, Charles	K2PQD
Goldman, Arthur	WA2ECQ	Smith, Billy	
Goldman, Milton	WA2ECR	Sternor, Jack	W2GQK
Helfrich, Al	K2BLA	Stetser, Ed	K2JJC
Hirst, John	WA2FMP	Stuart, George	K2SOL
Horanzy, Aloysius	K2ZFC	Trostel, Ronald	WA2KRY
Hoy, Robert	WA2PFJ	Turner, Van	W2KE
Laurusonius, John	W2IVZ	Uhland, Bill	K2PWV
Layton, Jack	K2JKA	Walton, Eric	WA2FMO
Leibfarth, Ed	WA2ELW	Walton, Paul	W2YNR
Livezy, Jim	K2SJL	Weiss, Simon	WA2HJD
Magee, Charles	WA2JYU	Winters, Abe	W2EIL
Martin, Wally	W2PLD	Wood, Wayne	W2SUA
Mason, Mal	W2MMD	Yandach, Frank Jr.	
Mehner, Dick	W2PQU	Yandach, Frank Sr.	
Miller, Oscar		Yandach, Kevin	

The list shown above includes all members who are paid up in dues to the end of the year 1960. For those who have not paid their dues for 1961, we urge you to pay them before the end of March for the discount rate of \$4.00 per year. Also, we advise you to read over Section 3 of Article VII of the constitution & By-Laws.

The board of directors approved the application of Glenn Morgan WV2QHQ, for membership in the club. We wish to welcome you to our club Glenn.

Another list of the membership is being prepared and arranged according to alphabetical order of call letters. This list will not be published in Crosstalk. It will be available to all hams in Delaware Valley. This list has been requested by hams who are seeking Gloucester County Amateur Radio Club members to work to receive our certificate.

The program committee request your help in choosing future programs to be presented at the club meetings. Following is a list of subjects which are available in the forms of slides, movies or talks. If any of these topics are interesting to you circle them and return this page to a member of the program committee. Circle as many as you like. The Program committee consist of the following:

Jack Sterner Chairman  
 Van Turner  
 Woody Frantz

Investment Clubs	Old Houses of Salem County
Elements of Photography	Indian Lore in South Jersey
Introduction to Sports Cars	A Two Week Vacation in France
Sports	Travels in Europe
Vertical Mountaineering	Europe
The sport of Cave Exploring	Europe Today and Yesterday
Radioactive Fallout (CD)	Let's Go to California (Stereoscopic color slides)
The Effects of Nuclear Weapons	The St. Lawrence Country and Around The Gaspe Peninsula
All of a Sudden (Auto Safty)	Mexico
Foreign Aid	The Golden West
An Experiment in International Living	A Trip Through the West.
The Gettysburg Story	

There are more topics than we have room for here. Anyone who is interested may see the list for additional information.

de Woody Frantz K2AOL

DUES

DUES

DUES

For those member who wish to pay their dues by check through the mail, here is your opportunity to do so. Make your check payable to

GLOUCESTER COUNTY AMATEUR RADIO CLUB INC.

Mail your check with the coupon below to Horace Simpson Treasurer

The dues are \$4.00 if paid before March 31st and after that \$4.80.

Name \_\_\_\_\_

Call \_\_\_\_\_

Address \_\_\_\_\_

Class License \_\_\_\_\_

Enclosed is \$ \_\_\_\_\_ for dues for the year beginning Jan 1st to Dec 31st 1961.