

CROSSTALK

AUGUST 1965

VOL. 7 NO. 7

HAM RADIO AT 5600'

MARINER 4 HAS NOTHING ON US

Maybe they got pictures
but we pinned S-meters

see page 5

HAMS VS PEYTON PL

??? THE BIG QUESTION ???

WHO MESSED UP PEYTON PLACE
(NOT THE ED; HE WASN'T HOME THAT NIGHT)

An exciting who-done-it feature on
the new star of channel three ! !

see page 2

ANNOYED TV BUG

WRITES



HAM

RADIO

FANATIC REPLIES

LETTERS TO THE EDITOR
WOODBURY DAILY TIMES
JULY 15, 1965

Editor,

Last night, at approximately 9:35 to 10 PM, during a TV program on Channel 3, flashes of horizontal blurs raced up and down on my viewing screen, and a woman's voice was blurting out "This is WBT2GE calling" repeat so, on and on..."This is WBT 2GE, Woodbury New Jersey calling." Apparently this ham operator was trying to contact a Cuban station. She was also perturbed about some "Walkie Talkie idiots."

For the past weeks I have detected similar interference on Channel 10 at approximately 7:30 to 8:30 during some evenings, although not as loud or disturbing as last night's annoyance.

May I ask, if other readers of the Times have had this experience. Isn't this a violation of the Federal Communication code?

ANNOYED TVviewer

LETTERS TO THE EDITOR
WOODBURY DAILY TIMES
JULY 17, 1965

Dear Sir,

The July 15th edition of the Times carried a letter from an annoyed TV viewer. It never ceases to amaze me why individuals experiencing interference problems such as described in this letter wish to remain anonymous. Situations such as this seem to run a close second to a person that would call the gas company complaining of no gas and then refuse to give

their name. Anything worth writing is worth signing!

From all indications this interference is the result of the operation of an amateur radio station. (Even though the call letters are stated incorrectly and under these conditions it is impossible to identify the operator) In most cases the amateur operator is happy to contribute to a solution if approached in the proper manner.

Interference to television reception is caused by either poor design of a transmitter or a deficiency of the TV set. The Federal Communi-
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CROSSTALK.....

is the official publication of the Gloucester County Amateur Radio Club Inc. The deadline for the submission of material for publication is the 20th of the month. Any material contained herein may be reproduced provided proper credit is given.

EDITOR

Jack Layton K2JKA

PUBLISHER

Clif Brown WA2KGD

CIRCULATION

Sid Gantz WB2JRU

MEETING NOTICE

The regular monthly meeting of the Gloucester County Amateur Radio club will be held on Wednesday August 4th, at the Owens Illinois Club house in Glassboro. Meeting time is 8 P.M. Following a short business meeting slides of the photographs taken from the LUNAR PROBES and the TIROS satellite will be shown with a complete explanation of each shot. The quality of the photos are excellent. (Much better than those in the papers and on TV.) Visitors are always welcome to the club house on meeting night. Refreshments will be served after the program.

de K2JKA

One Friday evening a few weeks ago three GCARC members and I took off for Northfield and attended the Southern Counties Amateur Radio Assn. meeting. It's no secret that we had an ulterior motive in mind, to peddle HAMFEST tickets! However, in addition to selling some twenty bucks worth of tickets, I think the four of us got a good bit of enjoyment from just sitting in on the meeting. It was evident that GCARC isn't the only ham club that has problems.....it was also quite evident that this club, not quite as large as GCARC, is able to accomplish quite a bit more than GCARC! The first suprising fact was that more than 50% of their members were in attendance; an accomplishment in itself. Their micro-bus mobile unit, a very attractive piece of public relations material, points up another one of their many accomplishments. Hats off to the gang at the shore for the real fine job that they are doing for hamradio.

A BIG THANKS TO SCARA AND THE OTHER CLUBS THAT PERMITTED US TO ATTEND THEIR MEETINGS AND SELL GCARC HAMFEST TICKETS.

Congratulations are in order for Hank WB2PHV, SCARA President, who will shortly be the new SCM here in Southern New Jersey and to GCARC's Mr. Peck W2LVW who will be the new
(contd on page 4)

Section Emergency Coordinator. While we are on the subject of changes we would like to say that we are sorry to see Herb and K2BQ leaving the office that that he has held for many years. A job well done Herb, we have enjoyed working with you.

PLANNING A TRIP?

The United States has recently reached an agreement with Portugal and Belgium that will permit U.S. licensed amateurs to operate their amateur radio equipment from these locations. The U.S. has previously reached agreements with Bolivia, Canada, Costa Rica, Ecuador and the Dominican Republic.

ARRL SEPAKS OUR ANTI-INTERFERENCE BILL BEFORE THE SENATE

At a Commerce Committee hearing late in June the ARRL's General Counsel Mr. Booth spoke in favor of Bill 1015 which would increase FCC control over incidental and restricted radiation devices such as wireless intercoms, diathermy, TV sets, etc. While the FCC can take action in some cases now, the legislation proposes FCC regulation of the manufacture of devices that can cause radio interference. ARRL suggested that the bill should be broadened to cover power lines, motors and similar devices capable of wide band noise generation, and also suggested that the bill should adequately cover noise and unwanted signal rejection of radio and TV receivers offered to the public. Further information appears in August QST.

HAMFEST- a ham picnic (slang for infested with hams)

HEADLINE- an assortment of wires, tubes, and other electrical ashtrays and equipment usually found in the corner of the attic or base-

MICROPHONE- a harmless device that the majority of non-hams are scared to death of (see mic-fright)

VFO- a device, electronic in nature that is used to keep the operator on the other end awake by requiring him to make constant adjustments to his receiver to compensate for varying amounts of drift

ANTENNA- an arrangement of wires and/or pipes usually located on the roof or in the back yard; main functions are to create a neighborhood of hams and attract lightning; secondary functions include radiation of electro-magnetic waves note: if properly installed can also serve to hang and/or electrocute anyone wandering through the yard i.e. drunks, peeing toms, noisy neighbors. (see feedline)

MICROFIGHT- a temporary pain, with symptoms similar to lock jaw, usually brought on by exposure to a hot microphone

CO- a term used by hams and LID's

FEEDLINE- a wire used to feed energy to the form of I.V. splatter high-kick or run from the transmitter to the antenna. In a lot of ham installations the feedline also serves as the main part of the radiating system in some cases radiating up to 99 and 44/100 percent of the total energy

TRANSMITTER- serves as the main junction box of the radio station all associated wiring on the floor and hidden behind the table usually end up in this box.

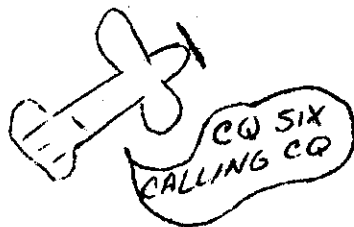
807- General Electric refers to it as a beam power tetrode, to most hams it is a bottle of his favorite brew

LID- a poor operator. i.e. the ED is a lid on the spawwetter

FROM THE LOG OF

WA2NGI

AERO-MOBILE



as experienced by YE-HON-ED

SATURDAY JULY 17- "Guess we made a wrong turn" ye-hon-ed says to himself, "don't see anything that looks like an airport around here."... anyway a good man at one of the local gas stations told us where we had went astray and we finally made it (15 minutes late) at the Pitman airport. OUR MISSION.....to install the equipment for WA2NGI aero-mobile! From the parking lot we can see Pete WA2KWM installing the antenna on the plane and Doug WA2NPD supervising. There are two others that I don't recognize....later I am introduced to Don Reed, the owner and pilot of the craft, and another gentleman (who's name I can't remember) that is there to take a picture for the TIMES. (goshes me without a necktie!) Finally Doug climbs aboard the little aircoupe and WA2NGI/AM is airborne. In all of the excitement Doug forgot that he left his little 4 year old behind unchaperoned!"Isn't that cute he's playing on the runway!"At this point Pete and I decide that we should take a run over to his house and see how WA2NGI is making out. After a high level conference between GCARC's prez and vice prez we decide that we should take the small fry with us. (by now he has figured out how to start the engines on the planes) So after 15 minutes of diplomatic talk (and a promise of an ice cream cone) junior agrees to tell us his name and says he will go for a ride with us....at this point I was a little afraid that the cops would show up as a chap at the airport gave me a funny look after hearing me say to Victor (Doug's harmonic) "Come on little boy, I'll buy you an ice cream cone if you go for a ride in my car." Finally we arrive at Pete's place and there must be 50 stations calling WA2NGI/AM...but WA2NGI doesn't seem to be hearing them....K3NUL calls with a 50 over S-9 signal and Doug replies, "You have a terrific signal QM but we can't copy you." Well as it turned out the ignition noise in the plane was a little too much for the Shawnee to handle...result plenty of calls but no contacts.

TUESDAY JULY 20- 6:15 on a beautiful evening ye-hon-ed again arrives at Pitman airport (didn't have any trouble finding it this time) with WA2EPB's Gonset III in hopes that we will be able to cope with the ignition noise. We squeeze all of the gear into the plane (I do mean squeeze.....have you ever seen an aircoupe?) and at 6:35 we take off.....bravo....the noise limiter works and we are able to copy FB....the band is wide open and the W4's are blasting in (a lot of good the W4's are going to do for our HAMFEST) We call CQ on 50.3 and get smothered with 50 stations calling CQ-DX so up we go to 50.9 where things are a little quieter and let out with another CQ....who comes back but W2LVW/2 at Lake Garrison.....Jim assures us that the rig is working so from 5600 feet above the Delaware Memorial Bridge we call CQ on 50.7...this brings

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FROM THE LOG OF WA2NGI
(contd from page 5)

HAM RADIO FANATIC
contd from page 2)

instant response from (it sounded that way) every six meter station east of the Rocky Mountains all on the same frequency.....so for the next hour and a half we sit back and work a whole string of stations....talking up the GCARC HAMFEST while cruising at 100 mph a mile in the sky! Our trip took us across Wilmington, Delaware, West Chester, Norristown and North Philadelphia. Signals a mile in the sky are unbelievably strong. The only problem experienced was the pile up on our frequency at times.....so we just had to grab the loudest one. At 8:25 we touched down on the runway at Pitman.

JULY 21- WOODBURY TIMES carries a pix of the gang putting the rig in the plane (I told you we forgot our necktie) No flying tonight as we have a director's meeting.....everybody that we ask to fly (except the pilot who says he will go any and every night) is chicken.

THURSDAY JULY 22- don't know who will fly tonight (if anybody) WA2NGI is scheduled to fly Friday and Saturday with WA2NPD at the mic. CROSSTALK has to go to press so we can't give a full description of Doug's operation.....continued next month!

A BIG GCARC
T H A N K S

A special thank you is in order to the following individuals from all the GCARC members

Bill Shaw WA2PVI for furnishing his truck along with a 55 gallon drum of gas for use on Field Day

Don Reed for the use of his plane and services as pilot in connection with the HAMFEST.

cations Commission requires that the amateur involved be able to show that his transmitter is not radiating unwanted off frequency signals that would cause this interference. This is most easily proved by the interference free operation of a TV set in his own home. Statistics and experience have shown that most problems of this nature can be traced to a deficiency of the television set. In simple non technical terms, the TV set was not designed to reject a strong signal from a nearby radio transmitter, amateur or otherwise. The easiest known cure is for the owner of such a set to install, or have installed a filter that will usually eliminate the problem. If the TV set is of a new vintage, the manufacturer will no doubt supply the filter free of charge.

May I suggest, Mr. or Mrs. Annoyed TV Viewer, that you make an attempt to find out who the amateur radio operator is and discuss this problem with him. If after doing this you still feel that you are right and he is wrong file a formal complaint with the Federal Communications Commission at their Philadelphia office.

Sincerely
Jack Layton
President Gloucester
County Amateur Radio Club

ED's note: This points out something that we should all be careful of and that is watch what you say on the air. The phrase "Walkie talkie idiots" isn't very becoming of a ham. We hope that WB2GTE has taken heed.

FOR SALE
Heathkit Apache
NC-270 plus extras
All bargain prices
Paul Walton W2YNR

WHATS NEW?

by Hank Hankinson WB2PHV

Presently before the Senate Sub-Committee on communications, there is a bill being examined which would grant the FCC broad powers to regulate the manufacturers of devices that contribute to the high noise level on the radio spectrum. The ARRL has through it's attorney, has testified before this committee in general support of the bill with the exception that WE (ARRL) are in favor of more stringent controls. In particular, the construction of extremely high voltage transmission lines in residential areas, with their high noise levels, were mentioned. Amateur radio operation in some of these areas is almost impossible due to the interference from power lines, appliances and industrial equipment. The FCC has explained the need for such legislation and made mention of electronic door openers, certain electronic toys (CB maybe?) high powered heaters and radio and television receivers. ARRL urges favorable action on the bill. (Senate 1015)

A third party traffic agreement has been signed with Israel.

Among the recently selected scientist-astronauts is one Owen K. Garriett, better known as W5LFL.

The FCC recently announced decision on RM-406. This was a petition by International Crystal of Oklahoma City for an additional class of amateur license to be known as "HOBBY CLASS." It was a no examination type of license permitting operation in the 29 mc. band with a maximum input of 10 watts. International urged the creation of this class of license saying that this type of license "will start a large group persuing electronics as a possible livelihood and create the technical pool of interest to the nation". The FCC had a slightly different opinion on this point. They said (the FCC) they were unable to see any such result as they felt that technical knowledge and proficiency would not be too likely to develop from a group primarily interested in two

We are delighted to have Hank keep us up to date with the latest happenings in the World of Ham Radio. He has promised to keep a running commentary on happenings on the national front as taken from the letters and other communications that he receives from the ARRL.

way conversation. The FCC took this opportunity to urge and encourage all Citizen Radio Service Licensees who desire to operate as an activity in and of itself to obtain an amateur license.

ARRL has been very strong in the support of PROJECT OSCAR. The OSCAR group plan to continue their work and it is their intention to use the backup model of OSCAR III with some modifications due to experience gained as OSCAR IV. Things like this cost money. Since it is primarily a VHF project it would seem that all VHFers would rally to its support. Several HAMFESTS are reportedly picking up some funds in a very painless manner. A large bowl is placed at a prominent spot and all people at the HAMFEST are invited to take part in PROJECT OSCAR by throwing their small change into it. Even a few dollars collected in this manner could help to speed another OSCAR into orbit. How about it SCARA, Gloucester and SJRA. (A little too late for Gloucester ED)

The FCC announced that it has extended the time for filing comments on Docket 15928 until September 1, 1965.

W E L C O M E

GACRC welcomes the following new members:

Edwin Stetser K2JJC

William Culpepper WB2NNB

WHAT EVER HAPPENED TO....

Wayne Wood W2SUA
Max Richmond WA2SFY
Joe Prus WA2VMR
Vince Gambale WA2WGB
Dick Wang K3ZNI/W2APP

and others that we haven't seen at the meetings in quite a while?

ARRL RENEWAL TIME?..?..?..?

Don't forget that when your ARRL renewal comes up to renew it through the club. Our treasurer has all of the details. It doesn't cost anymore (you even save a stamp) and the club makes 50¢.

CORRECTION

The new star of channel 3 in Woodbury is WB2PGE and not WB2GTE as reported.

EXCHANGE EDITORS TAKE NOTE

CROSSTALK is mailed to several other clubs on an exchange basis. We put several on the mailing list a few months back in hope of getting a copy of your paper. Some we got....some we didn't. How about it gang....if you get ours mail us one of yours. Also we will be glad to list your HAMFEST or what have you...just let us know about it!

WAYS AND MEANS...

Up to this point we have been quite fortunate as a club in having no financial problems..... but all good things must come to an end; and the state of the treasury has dictated that we must get off our laurels and try to improve the situation. There are certain operating costs that a club like GCARC must meet. We have tried to stop the out-flow of gold by such measures as taking donations for the refreshments at club meetings but we must come to grip with the fact that we have to put some in when we are continually taking out. The only sure source of income for GCARC is dues. There has been some talk of raising dues from four to five dollars a year. As a matter of fact the prez has before him right now a report of a fact finding committee on WHAT TO DO!! Dues raising is included among the suggestions as well as many others. The board doesn't want a big treasury just for the fun of having a big treasury...when times were better we were able to get quite a few things that have certainly improved the club. The typewriter and mimeograph machine have improved your paper from the standpoint of getting it to you on time and also the looks of it. (we hope you will agree ED) Our code classes have improved due to the fact that we have invested some money in instructional materials. (tape recorders, tape etc.) All of this goes to make a better GCARC but....all of this costs mojey.

Consequently, a fact finding financial committee was appointed a few months ago and their report is in my hands (the prez) There are several real good ideas in this report as those of you in attendance at the July meeting (when it was read) will agree. Some are painless some not so painless. A WAYS AND MEANS COMMITTEE has been appointed, with Gil Hilman WA2ZJY as chairman,
(continued page 9)

to try and follow up on some of these ideas. At the August meeting you will see the results of one of these. THE BIG QUESTION: does the officers and directors have your backing on this? Will you work to better your club? If everybody pitches in then noone is over burdened. Just a few hours of your time will assure GCARC of an outstanding record of achievement in years to come. WILL YOU HELP?

Mt. Airy VHF Club (Packrats)
at Fort Washington State Park
on August 8th (rain date Aug. 15)
Contact: Frank Erick W3SAO

Delaware Hamfest
at Wheeler's Park, Harrington, Del.
on 15 August (rain date Aug. 22)
Contact: Pete Robinson K3OCI

CROSSTALK SPECTACULAR

A huge issue of CROSSTALK is in the making before the end of the year. We hope to have it run on an off-set press complete with pictures! Some of the things we would like to see in it are a complete history of GCARC from its beginning to present and pictures of GCARC events gone by. Pictures of events in the last two years are available but if you can take the time to look in your scrap book and see if you have any glossy prints that date back farther than this it will be appreciated. They will be returned. Also is there anyone in the club that has the time and is willing to take the minutes of back years and write a complete history of club doings? If so see the prez.

Southern Counties Amateur Radio Assn.
at Lake Lenape, Mays Landing, N.J.
Contact: Hank Hankinson WB2PHV.

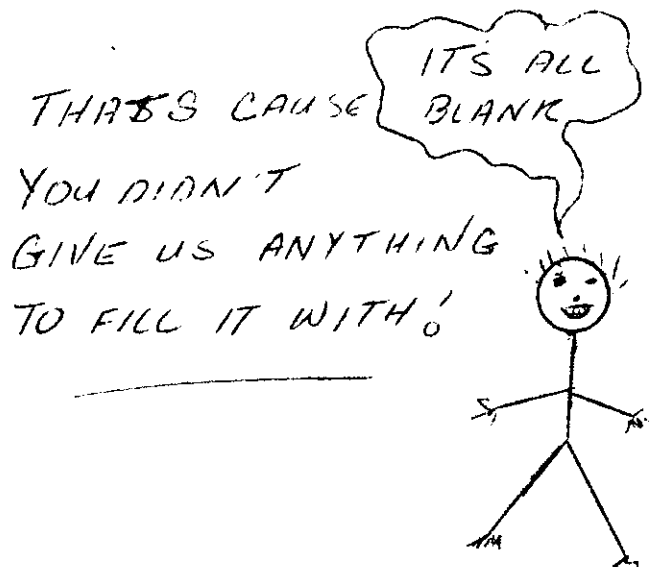
(SCARA has been invited to come to the August GCARC meeting and sell HAMFEST tickets)

IN NEXT MONTHS CROSSTALK

A continuation of the adventures of the astronauts. Cork Thomson and Jack Layton relate the complete flight of WA2NGI/AERO-MOBILE. Learn what happened to Cork after he landed, how to travel the New Jersey Turnpike at better than 100 mph, (without getting caught) and the case of the fogged in airplane all in next months CROSSTALK.

MERGER....

From the exchange papers see that the WINDSOR and BUCKS COUNTY amateur radio clubs have merged to form a bigger and better PENN WIRELESS ASSOCIATION. Maybe in the fall a group of GCARCers can get together and attend one of their meetings. We might learn something!



FOR SALE...Knight T-150 80-6 mtrs
NC-155 80-6 mtrs.
Bill Frambees