

Crosstalk is published monthly by the
GLOUCESTER COUNTY AMATEUR RADIO CLUB

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CLUB NETS

6 M AREC	50.9----Sunday, 8 PM Local Time
10 M Rag Chew	28.8----Friday, 9:30 OM Local Time
Novice	21.115--Monday, 8:30 OM Local Time

MAY MEETING WEDNESDAY MAY 7TH BEGINNING AT 8 PM. PROGRAM: WB2OCR
TALKS ON ANTENNAS.

PROGRAM

This month we will have an interesting program on antennas. Rich, WB2OCR, will be the moderator of the night. The exact topic is being kept a surprise but Rich guarantees a little bit of excitement.

CLUB JACKETS

Enough members have signed up to get club jackets. A deposit of 50% (\$8.00) is needed to place an order. See Rich, WB2OCR, at the May meeting or call him

NEW MEMBERS

Two new members were voted in at the last board meeting. They are:

Watson High, WN2ULX

Fred Neumann, W2EUX

PRESIDENT'S COMMENTS

From all indicators our Club Banquet this year should be a smashing success. With over 70 tickets sold at this writing, prizes waiting to be won, awards to be presented, Connie Mack, W3SW, our Divisional Director, to give some words of wisdom, some "long-time-no-see" former members in attendance, and, by popular demand, yours truly to serve as emcee (ugh!)--what more could you want? Is there a sour note anywhere? Yes!! It appears some club members have not yet purchased their tickets and, perish the thought, some members may not even come at all!! (let's hope this latter course of action fails to materialize). We want to see all of you!

My sincere congratulations to Mark, WB2OSQ, upon his victory in the recent ARRL DX Contest. I know the W2SUA Trophy will proudly grace his mantle as it did mine during the past 12 months. May he bask in glory and fame--(but watch out for next year, Mark!)

Note of interest Dept.: One of GCARC's longtime solid members Ernie, WA2TDI, completed recently his 40th (I believe I heard him say?) anniversary as a licensed ham! I guess I was surprised

PRESIDENT'S COMMENTS (Cont'd.)

because Ernie just doesn't look quite that old. Well, we wish you another 40 years of SSB, Ernie and congratulations.

We have some busy months ahead of us, Club Banquet in May, FD, and Ham Radio Week in June, and Club Picnic in July, we will need the support of your all, so let's attend all meetings regularly and volunteer for the project of your choice whenever you can. Many tnx. CU on the 7th of May.

73's de WA2NPD

GCARC BANQUET ALL SET FOR MAY 10

If you have not bought tickets to the GCARC banquet, you'd better come to the May 7 meeting with cash clutched in your hand ready to jump the first member of the banquet committee you see. Well over the required number of tickets has been sold.

To reiterate for the last time before the banquet the event will be held on Saturday, May 10, at Tall Pines Inn in Sewell, N.J. Plan to arrive around 7 PM. The prices for the few remaining tickets are \$10.00 for prime ribs and \$8.00 for New Orleans golden fried butterfly shrimp. The prices include all tax, gratuity, etc. You need not spend another cent, especially if you intend to remain sober. (There will be an open bar for ABC card holders.) If you plan to sit with a group, a few tables are still available to reserve for groups of 4, 6 or 8 persons. After the meal, we will have guest speaker Connie Mack, ARRL Atlantic Div. Director, and possibly one other speaker as well. Several door prizes have been donated by various firms and will be drawn for during the evening.

For tickets, contact Chairman Steve, W2TDS; Herb Schuler, K2HPV; Wayne Wood, W2SUA, or myself, WB2FIF.

HAM RADIO WEEK SITE STILL TENTATIVE

If anyone has a suggestion as to how I can get through to the person who is allegedly the president of Collegetown Merchants Association, I sure would appreciate hearing about it. The secretary in Heritage Band has assured me twice now that he will phone me to grant permission to use the sidewalk area in front of Grants in Glassboro for a public Amateur Radio Week display on Sat., June 22, consisting of at least an HF sideband/CW station and a VHF-FM station, both operated from emergency power. Also needed will be some operators, someone to answer questions, someone to donate gasoline, tables, rigs, etc. Someone will be needed to gather some printed propaganda for interested visitors to take home and read. We need a volunteer to make up some attractive signs to lure the passers-by to find out what's happening.

So far, Wayne Welsh, WA2VOY has offered the use of his generator, Steve, WA2AXj will take care of publicity of the event; Steve, W2TDS, and Ray, WB2BZY are both signed up to give a general helping hand. Anyone wishing to volunteer in the above listed needs, or to just give a hand, please call me

Thanks, 73 Bill WB2FIF

QST DE W1AW
HR OFFICIAL BULLETIN NR. 529 FROM ARRL HEADQUARTERS
NEWINGTON, CT., APRIL 3, 1975
TO ALL RADIO AMATEURS BT.:

The FCC has announced that amateurs within its jurisdiction will be permitted* to use special call sign prefixes during calendar year 1975 as a part of the bicentennial observance. The plan is completely voluntary and requires only the exchange of existing prefixes for specified prefixes in the block AA through AL. Stations with prefixes beginning with WA will use AA, WB will use AB, W will use AC, K will use AD, and WN will use AK. Complete details will appear in May QST. The use of these special prefixes is not permitted until January 1, 1976, and amateurs are cautioned not to begin using them prematurely. AR.

FIELD DAY NEWS

Field Day is only two months away now, and all seems to be in good shape. Chairman WA2SEA has all band chairmen. The only correction to last's month list is:

2 meter FM WB2BZY
2 meter AM WA2VOY.

Harry has had several offers of fuel and generators so all seems in order along those lines.

INTERVIEW WITH A HAM

Charles A. (Chick) Naylor was born in Philadelphia on Jan. 9, 1942. He was educated in the Philadelphia school system, and attended Temple University. After leaving school he worked for Teledyne Electronics for 10 years in charge of their calibration lab. Chick is now associated with the Metrologic Instrument Co., in Bellmawr, working in the Engineering Department on the design of laser systems.

Chick was first licensed as a Technician in 1962 with the call WB2ECF. He later received his present call WA2USI which he signs on 6 & 2M with a Clegg Interceptor driving 5 elements on 6M and 22 elements on 2M. In addition, Chick is the prime mover behind Gloucester County's first and only repeater, WR2AGO.

Chick has been in the commercial photography business as a sideline for approximately 5 years. He now resides in Barnsboro with his wife, Joyce, and one son.

TWO METERS ANYONE?

Without a doubt in my mind, I would say that today one of the fastest growing aspects of Amateur radio is 2 meter F.M.

Since having just recently been bitten by the bug, I've heard a lot of questions from newcomers to 2 M. FM relative to what frequencies should I be equipped for.

The ideal situation as far as frequency availability is concerned, is to go out and invest quite a large sum of money in a synthesized rig that will cover nearly any frequency. But there are a great many of us that don't have a financial situation that would permit this.

So the next best thing we can do is to try to get crystals for our less expensive rigs that will give us maximum usage.

This depends a great deal on what we intend to use 2M. FM for. Are we going to use it primarily for mobile work, or mainly for base station gear, or a combination of both?

Then another question arises, are we going to want to operate simplex (that is transmit and receive on the same frequency) or are we looking forward to confining most of our activity to repeater operation?

An important point to take into consideration is dollar cost plus enjoyment received. This being in reference mainly to repeater operations. You must keep in mind that repeaters are expensive machines to get into operation and they require constant expenditures for maintenance and operation. So if you are going to use repeaters extensively, you will probably be expected to contribute financially to their sponsors, whomever that may be.

In this area we are fortunate to have access to several repeaters and also have a huge amount of stations that operate simplex.

So assuming that you decide to purchase some 2 M. FM gear, the question naturally arises, "What crystals shall I purchase that I will get the most use from?"

Along these lines of course its up to the individual. However, there are a couple of things I would like to point to, speaking in my capacity as Emergency Coordinator and also as Secretary of the Gloucester County Amateur Radio Club.

1. The Gloucester County Amateur Radio Emergency Corps operates a net on 147.24 Mhz.,, which is also the clubs intercom frequency. So I would like to see you have this frequency available.

2. The newest repeated in this area is the Barnsboro machine that operates on 147.78 Mhz. input and 147.18 Mhz. output. So if you want to work the local repeater, this is the frequency you will need.

3. 146.52 Mhz. simplex is the National Calling Frequency, so it would be nice to have these capabilities.

Other simplex frequencies that are used extensively in this area are 146.55 and 146.58 Mhz.

Popular repeaters are the Wilmington machine on 146.13 in and 146.73 out, Valley Forge 146.16 in and 146.76 out, Blackwood 146.22 in and 146.82 out and Radnor 147.66 in and 147.06 out, and many more.

So if your considering 2 M. FM, good luck and hope to hear you soon.

De Harry McCormick, WA2SEA

CONTEST CORNER:

WB2OSQ Wins DX Trophy! ! !

Mark made the best of a bad DX year, coming out on top of the pileup fast enough, and often enough, to take club top honors, and to be the third winner of the W2SUA DX Trophy. Mark outdistanced former winners W2FBB and WA2NPD. Congratulations on a fine effort, OM!

	Phone	CW	Total
WB2OSQ	64,200	3,330	67,530
W2FBB	19,500	2,105	22,605
WA2NPD	6,435	12,324	18,749
WB2BZY	11,664		11,664
Club Total			120,548

See you All on Field Day!

73
W2FBB

VHF

Well, it looks like the warm weather is upon us and that means more time in the mobile. What could be better company than a 2 meter rig (except your wife or girlfriend).

The new Barnsboro Repeater is now on and it would be nice if more members used it. Sure would be nice to hear you on 2 meters this summer.

73
Ray, WB2BZY

DX

DX-pedition to Cocos Tl--reported last month--now going strong at this writing. Hope you worked him--may be some time before a return trip!

"Diplome Des 100" Award certificate sponsored by the ITU and reported in this column late last fall finally arrived--quite nice--well worth while--would look real nice hanging on your wall!

Dayton Hamfest--they waited all winter for this one--8 to 10 thousand hams can't be wrong. Looks like as great DX sessions with many top speakers on hand. GCARC members, Steve WA2AXJ, Mark, WB2OSQ, Doug, WA2NPD, Rose Ellen, WA2FGS, & Shorty, W2SUA will attend.

Looks like Mark Wilson, WB2OSQ, will be the latest to get his name carved on the Club DX Trophy. This win for Mark represents a lot of hard work in combat with other GCARC DX'ers. Congrats Mark!

De Shorty, W2SUA

HAM SHACK by Bob Spain, WB2RVE

The club hamshack project is progressing along well--donations of equipment continue coming in, with some equipment still needed. Some of these needed include: low-pass filter--clock--logbooks--operating aids, coax switches, the club board has given approval to the project--we are now waiting for confirmation from the city.

The following suggested hamshack rules are offered, by request of the board.

1. No horseplay or disorderly conduct.
2. A "no-lone zone" exists in the hamshack. Whenever the station is in operation, the operator should be accompanied by another individual, not necessarily a club member. This policy exists to ensure the health and safety of the operator.
3. Upon leaving the station, make sure all power to equipment is turned off, and all doors are closed and locked. All burners on the range must be off.
4. Make sure all contacts and calls are clearly logged, including your call letters (operator) and signature.
5. Clean-up any cups or dishes you may have used, including coffee-pot.
6. Please have your operator's license on your person when using the Club station--the FCC requires this.
7. While the club license trustee may be an extra class--you are limited to the frequencies and emissions authorized by your operator's license.
8. Be sure to note any equipment failures or problems and initial the entry.
9. Immediately cease operations if notified of TVI/BCI, unless a bona-fide declared civil emergency exists. Note all interference complaints in the log and take steps to notify the TVI committee or house committee chairman.
10. Obey all FCC rules and regulations--a copy of the latest rules is available on the station.
11. Do not disturb any other residents of the building.

I solicit any and all comments on these proposals.

AN AVERAGE DAY ON 80 METERS

The following hams have been heard in the 80 meter novice band doing these rather odd things.

WN3QRP needed Alaska for his WAS. So, in the early morning hours on 80 meters: CQ ALASKA CQ ALASKA CQ ALASKA de WN3QRP
WN3QRP K-----CQ ALASKA CQ ALASKA

WN3QRM found a new way of getting more answers to his CQ's-- by calling CQ while tuning his VFO across the band.

WN3QRT had a lot of trouble getting answers to his CQ's. His problem was obvious. He sent: CQ CQ CQ DE WN3QRT WN3QRT CL

WN3RPT (at 5 wpm) sent: NAME NAME NAME NAME HR IS MARK MARK MARK MARK MARK I. I returned his transmission (at 2 wpm): U HVE A FB SIG HR SO U DONT HAVE TO REPEAT MUCH K

WN3RPT: NAME NAME NAME NAME NAME HR

WN3QRQ (at 25 wpm) sent: CQ CQ CQ DE WN3QRQ WN3QRQ K (I

AVERAGE DAY (Cont'd)

WN3RPT (at 5 wpm) sent: NAME NAME NAME NAME NAME HR IS MARK
MARK MARK MARK MARK K I returned his transmission (at 2 wpm): U HVE
A FB SIG HR SO U DONT HAVE TO REPEAT MUCH K. WN3RPT: NAME NAME NAME
NAME NAME HR . . .

WN3QRQ (at 25 wpm) sent: CQ CQ CQ CQ DE WN3QRQ WN3QRQ K (I answer
at 15 wpm) WN3QRQ WN3QRQ DE WN2VKG WN2VKG K WN3QRQ: PSE PSE QRS QRS
ES PSE RPT BK

WN3RRR (After my transmission) RRRRR FB LARRY--SOLID CPY--
SRI BUT MISSED ALL--PSE RPT BK.

WN3DUH didn't know what CQ meant so he sat by his rig for hours
send dit dit di--dit--dit in hopes of hearing a dit dit.

WN3QRU sends: RRR--FB Lary--Solid Cpy-----Fine on ur Range-----
So HW CPY? BK

CALS HAVE BEEN CHANGED TO PROTECT THE (?) INNOCENT.

De Larry, WN2VKG

LES BELLES- Xtalk--May, 1975--by WA2FGS

Have you acquired the "washday blues". Being the typical American housewife we all just take our modern conveniences for granted. Most of our laundries are the type where we only have to push a button while our counterparts in the Near and Far East; work much harder and longer on washday, yet the results would hardly prove satisfactory to most of the American women...Some of the more interesting wasday conditions from other lands are:

- Some Chinese sprinkle clothes by filling their mouths with water, then squirting them from a comfortable distance.
- Clothes are something hung for days on lines or poles because there is little room for storing them even when dry. Some Chinese dry their clothes up on the roof. When they need a clean suit they simply take one off the line it has been found.
- Only the wealthy and foreigners have automatic washers and dryers. In many countries women still carry laundry baskets on their head to a nearby stream, there a scrub board or rocks to beat them clean is the common method.
- Laundry is hung on bamboo poles day and night in Hong Kong, where an entire family may live on a small sampan fishing boat or a larger Junk.
- Wash water is gathered by catching it off the roof in urns and saving it for washday or even drinking in Bangkok, Thailand.

The next time washday come around and it is only a matter of picking up your selection of clothes and placing them in your automatic washer and pushing a button you may visualize other women not being so lucky.

LES BELLES (Cont'd)

Use either a double boiler or a small saucepan or skillet to reheat cooked vegetables using a tiny bit of cooking liquid or in broth, tomato juice or sauce, vegetable juice cocktail or cream sauce.

73's

Rose Ellen--WA2FGS

WHEN NOT TO OBEY RULES

A cassette was received at the Hotline/73 HQ made off the air of the talk-in and capture of a CRer who turned up on WR1ABQ in Derry, NH using a stolen rig. Rather than telling the bewildered chap to get the hell off the repeater the fellows quickly shifted to handles and got to work finding out where the CBer was, then talking him into coming together with them for coffee.

It went fairly smoothly except when one dense individual got on and insisted on using calls (until they got him on the telephone and clued him in). The face is that the FCC is able to stand it if you do not sign calls for an extended period of time if you have a legitimate reason ... or, as in this case, an illegitimate reason.

This type of operation is perhaps as good as answer to the problem of stolen rigs as any. If CBers are properly dense and start talking before they listen much, you might be able to entrap them. The odds are good.