CROSSTALK

Published By And For The GLOUCESTER COUNTY AMATEUR RADIO CLUB, W2MMD*

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John Sutocky, KB2GL, Printer

Ed Sumek, W2GSN, Printer
Al Trueblood, KA2KGD, Circulation
Milt Goldman, K3WIL, Publisher

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CLUB NETS

2 Meter RTTY Net: Monday, 8:00 P.M. 147.54 ARES Net: Sunday, 8:00 P.M. 147.78/18

The Gloucester County Amateur Radio Club meets the first Wednesday of each month at the VFW Hall in Woodbury Heights. Meetings begin promptly at 8:00 P.M.

Please send any contributions for CROSSTALK to Doug Gehring, WA2NPD,

PRESIDENTS MESSAGE, JUNE 1983

Finally, after 6 months, I figured out why Crosstalk has a column written by the president. It is because the presiding officer does not have time at the meeting to say Hi, "How are you", "What's new", etc. Since this is our midyear meeting I thought it was about time to say Hello to all of you and let you know that even though I may not have a chance to talk with each of you, I do appreciate you attending the monthly meeting and do enjoy seeing all of you.

Since this is already the June meeting we have a major club function every month for the next 3 months.

Field day is June 25, The Cancer Society Bike-a-Thon is July 24, and our Hamfest is August 28.

These committees have been doing an excellent job of getting things moving but they still need help. If any of you are able to provide any help whatsoever please contact the committee chairman.

Field Day - Tony - WA2FZB Bike-a-Thon - Harry - WA2VXT Hamfest - Harry - WB2GSF

If you cannot reach them please call me and I will see that the committee chairman gets in touch with you. My phone number is 629-C666.

The "What do you want to know" box is still working. We had 3 very good suggestions last month and they will be announced at the June meeting.

Hope to see you all there. 73's, Russ

JUNE PROGRAM

Chairman Harry, WA2VXT, announces the program this month will feature Mr. John Keitel, the Radio Officer for the Office of Emergency Management - State Police, State of New Jersey, who will present a talk on the now statewide 220 MHZ System. This should be a <u>must</u> program for all of those interested and active in the ARES, and especially for those who wish to know more about ARES. The program will follow the meeting as per the usual format. Don't miss this presentation.

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BIKE-A-THON

The big one coming up on July 24th. Chairman WA2VXT says that there are still about 15 slots open and the sign-up sheet will be at the meeting. Here is your chance to perform a truly 1st rate ham service project - and its only one day a year. See Harry NOW.

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2M SWAP SHOP COMING

Beginning Sunday, June 5th, on 147.180/780 right after the ARES drill,

there will be conducted a swap shop net with WA2GFK presiding. All GCARC hams are welcome to participate. The net will hold forth each Sunday thereafter. It might help to have a few bucks in your wallet too (Hi).

FD UP NEXT

By far, the number one operating event of the year for GCARC is fast approaching: Field Day 1983!! The date is June 25-26th, Gloucester County Community College with set-up scheduled to get underway about 9 AM. The contest starting - gun is at 2 PM. We expect to see Every Club Member there - at one time or another ! If you just can't operate, plenty of help is needed with the antenna setting - up, taking down (Sunday PM), logging, and with the food committee. If you can't do anything at all, you can always come out and drink 807's (who can't do that?). In my 24 years of FD attendance, I never heard of anyone not having fun. a rain or shine exercise : C U There : Overall FD Chairman Tony, WA2FZB, has pulled out all stops to make this year the best ever. In fact, as we go to press, Tony is having aerial photographs prepared of the site so as to scientifically and judiciously position each transmiter as to minimize crossband interference. Considering last year's experiences, this is certainly a stroke of genius. The array of Band Chairmen Tony has assembled is singularly impressive as follows:

Band	Chairman
80 CW	Neil, K2RCH
80 Phone	Barry, KC2ME
40 CW	Ken, N2CQ
40 Phone	Wayne, WA2LET
20 CW	Neil, K2RCH
20 Phone	Fred, KB2BF
15 CW & Phone	Jack, AB2W
6	Pending
220	Ed, WA2PFC
440	H H
Oscar	Barry, KC2ME

So toss your hat in the ring early, contact the band of your choice (i.e. the chairman), and sign up for a trek at the mike or key. The more the merrier. As in past years, Ralph, WA2DYO, will provide and oversee the power wagon and we would be lost without him. Just as critical is the food table and, as in the past, John, WA2VHR, and his cute XYL, Mary Jo, N2AJG, will co-chair this very important segment of FD. Hams cannot operate on an empty stomach!

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CONGRATULATIONS TO -

Hartley, WB2SPJ, who upgraded to "General." Hartley will shortly be operating with a Kenwood TS-830s. Vry FB and gud luck on 20M.

Walt, WB2OYQ, as our hard working corresponding secretary has now earned $h^{i}s$ "Advanced" ticket. A singularly significant accomplishment even for a guy with a beard (Hi).

MAIDEN VOYAGE FOR NEW COPIER

Certainly hope your X-TALK is readable, clear, and received on time. If there is any problem please bear with us as this is the first issue from our new copier. Sometimes it takes a while to work the bugs out. If there are no bugs, we can only credit the expertise of our new printer team of John and Ed as well as Al. Also we are indebted to Milt, K3WIL, for permitting a portion of his factory to be used as our print shop. (Hope we don't get a bill for rental space). (Hi).

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SEEN AT DAYTON

Rose Ellen, N2RE, John, K2JF, Wayne, WA2LET, Tom, AD3V (anyone else)? Heard there was plenty of rain, but that all had a great time in spite of the WX, CU Next Year. WA2NPD, Doug, got sick at last minute and fell by the wayside.

CROSSTALK TYPIST ON MEND

We were sorry to learn that Pinky, our now expert typist, spent a week in the hospital recently. We pray her recovery is rapid and totally 100%.

UNSUNG HEROS DEPT.

It is with regret that we accept the resignations of Roselyn, N2AKL, Howard, WA2IBZ, and Bill, WA2VEE from the X-TALK Staff. Roz and Howard have faithfully and efficiently handled the circulation of X-TALK for lo these many years and, with all due respects, have earned a well deserved rest. Our heartfelt thanks go out to the Marders. In addition, Bill, WA2VEE, although his term at the printing press was comparatively short (through no fault of his own), did a splendid job with a very temperamental press and we thank him as well.

One very much unsung hero is Peter, N2CME. For the past 15 months, X-TALK had to be printed over in Phila., PA and a very tight sked was required in order to (1) save \$ and (2) get the paper to all on time. This entire operation was handled splendidly by Pete with total reliability. We thank Pete from A to Z. Of course, Pete's help in this area is no longer required as our own Club copier (TNX to WB2GSF es IBM) is now in service.

We are pleased to welcome aboard the X-TALK team our new printer duo of John, KB2GL, and Ed, W2GSN. Also, our new circulation manager is Al, KA2KGD. Obviously we are very happy to have you guys step in for without you X-TALK wouldn't exist. Many, many thanks again -- may your stay with the team be very long.

4-SALE

AE2V is moving to W4 land (taken job with DuPont Co. in SC) and must unload everything (almost) in the shack! All kinds of goodies accumulated over the years; call Allan at:

Kenwood TS 820S w filters, VFO 820, SP 820, opr. & serv. manuals, spare finals; \$760.00; also Dentron MT 3000A Tuner, \$235.00, all in excel. cond.; call Jerry, WB2EYX, after 6 PM,

GE Terminet Line Printer, model 3S3154 GFO 47B2, speed 10, 30, 120 cps, 13" wide roller, tracker feed, stand included, very good cond.

A Mite TTY KSR w Built in TU, Manual Inclu. MEC Model 650 shotgun shell loader, 12 gauge . 4 above 3 items contact Bill, WB2FJE,

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TOWER LOWERING IN OFFING

Tech. Chairman Chuck, WA2TML, is seeking a sturdy crew to assist with the dismantling and lowering of the W2LVW Tower. Please give Chuck a call or see him at the meeting. He will let us know later on when the date is firmed up.

EAST GREENWICH TOWER ORDINANCE UPDATE

Following a working discussion with the Township hams and several members of the GCARC, The Township Fathers have revised their proposed Tower Ordinance to eliminate reference to RFI and have raised the height restriction from 50 to 60 feet. The final reading of the revised ordinance will occur at the regular township meeting in June. Although an improvement over the original version, this new ordinance falls far short of what Hams believe should be satisfactory and, of course, continues to violate federal statues which are overriding at any event. Nevertheless, unless further action is taken and is heeded, this ordinance will become law in June.

NEW DX BUREAU

We received notice that Robert L. Gaudio, WD8AWS, 1613 Merrill St., Kalamazoo, MI 49008, is now operating an Outgoing DX QSL Service. There is no membership fee and cards will be handled at \$0.08/card. Write to Bob for more details - include SASE.

THE LATEST 3rd PARTY DOPE TNX to K2JF

The United States has arrangements to permit United States amateur radio stations to exchange third party communications with amateur radio stations in these countries:

Antigua and	Costa Rica	Guyana	Nicaragua
Barbuda	Cuba	Haiti	Panama
Argentina	Dominican Republic	Honduras	Paraguay
Australia	Ecuador	Israel	Peru
Bolivia	El Salvador	Jamaica	St. Lucia
Brazil	Gambia, The	Jordan	St. Vincent and the
Canada	Ghana	Liberia	Grenadines
Chile	Guatemala	Mexico	Trinidad & Tobago
Columbia			Uruguay
			Venezuela

The United States also has an agreement with the International Tele-communication Union (ITU) permitting third party communications with its station 4UlITU in Geneva, Switzerland.

International amateur radio communications are limited by the International Radio Regulations, which state in part that they shall be made in plain language and shall be limited to messages of a technical nature relating to tests and to remarks of a personal character for which, by reason of their unimportance, recourse to the public telecommunications service is not justified. Business messages are prohibited. At the end of an exchange of international third party communications, each amateur radio station must transmit the call sign of the foreign station in addition to its own call sign.

LES BELLES

Hamfest season is upon us. Another request to ask all the YL members of GCARC to let me know if they can help make up anything to be given as a gift, i.e.: batch of fudge, cake or just anything that can be given as a prize. Call, or drop a postcard to me if you plan to help in any way. I'll need some help at the Hospitality Table. Oh: you didn't know the date: SUNDAY, AUGUST 28th.

Between now and that time I will be a part of the YLRL panel at the Atlanta Hamfest and can possibly get some new ideas. We want every YL attending our hamfest to go home happy and many of them with a nice prize.

SO-----please let me hear from you.

Had a great time "manning" the YLRL booth at Dayton Last month. The booth consisted of a kit supplied by the YLRL (Young Ladies Radio League) of which I am Vice President this year. Among some of the things on display were: A doll sitting atop a globe; examples of all the certificates that are available through YLRL; examples of all the certificates that are available through the various YL Clubs; registration book; a large YLRL banner, examples of Club newsletters; forms to fill out for all supplies and of course myself and several other YLS at the booth with answers to all questions that came forth.

If anyone is so inclined, here's a good thing to make and bring over to Field Day:

GRANDMA HIMBER'S HELLO MOLD

1 Large Pkg. Lime Jello
1 Pint Sour Cream
10 Red Cherries
 (broken into pcs)

1-1/3 Cup Boiling Water
1 Large can Crushed Pineapple

DISSOLVE JELLO WITH BOILING WATER. ADD CAN CRUSHED PINEAPPLE (DO NOT DRAIN) ADD SOUR CREAM - MIX UNTIL COMPLETELY DISSOLVED. ADD CHERRY PIECES.

POUR INTO 1-1'2 QUART MOLD.

73
Rose Ellen Bills - N2RE

DA'S & DIT'S

N2BPN will be operating with Sky Pilot (N2BQB) on his schooner during Field Day activities.

Well! he's done it again. WB2DXB has opened up a new establishment - The "Fish Factory." It's located at the New Jersey Turnpike and Rt. 168.

KA20SW commutes five days a week back and forth to the Las Vegas of the East and then home to the real world. By the way, KA20SW, your CW is loud and clear.

Understand that N2DYP has been having a problem. Seems when it rains his SWR goes zilch. Hope the problem is rectified by now.

N2CME has a new toy - a brand new lawn mower. Bet this will keep him away from that "soft ware" for a while.

WA4FDO suggests that perhaps some of the members who are interested in fishing might like to get together and hire a party boat. Sounds like it would be a good, congenial group if it could be worked out.

Understand W2APP had a wonderful trip on the QE2 recently.

WA2VRY and his better half are spending a vacation in Southern California.

WB20CR has recently moved. Hope he and the family will be very happy in their new location.

Topic of discussion for the June meeting "The East Greenwich Caper" (Ordinance). Very important!

Well -- I, for one, am sure looking forward to the refreshments which are always prepared by the GCARC Ladies for Field Day.

The Eavesdropper

P.S. Recently learned that our FD Chairman just had a new tower delivered and all in one piece. He we don't get called to help raise it - - it only weighs 2 tons, etc. (Hi).

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FLEA MARKET CANCELED

The announcement last month concerning the Flea Market at Cowtown apparently was a false alarm. The word is now that its been cancelled indefinitely. Amen.

SPRATLEY VENTURE

TWO RADIO AMATEURS WERE KILLED as a result of a Vietnamese attack on an unarmed yacht. The boat was carrying four operators plus a crew of two for a DXpedition to the isolated Spratley Island chain in the South China Sea. Killed during the 15 minute attack on the 51 foot catamaran "Sidhartha" on April 10th was Diethelm Mueller, DJ4EI, who was hit by an artillery round and fell overboard when the yacht caught fire. The second victim was "Gero" Band, DJ3NG, who succumbed to exposure and dehydration while adrift for 8 days in a tiny dingy with the four remaining members of the The survivors, all listed as suffering from exposure and qunshot wounds, are: DXpedition leader, Baldur Dronica, DJ6SI; Norbert Willand, DF6FK; and the skipper, Peter Marx and his wife Jenny. The 4 were picked up by the Panamanian-registered freighter "Linden" and were taken to Hong Kong and hospitalized. According to a West German Foreign Ministry official who talked with one of the survivors by radiotelephone, the gunners were identified as Vietnamese on the Island of Amboina Bay. Vietnam has a garrison on that island, which is part of the hotly disputed Spratley group. (See WLR-391 for earlier details.) Tnx W6RCL, NBC Network News.

(ES TNX to "Westlink" and K3WIL)

Ed Note: So much for Communist peace - in - our - time)

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ARRL BOARD OPPOSES NO CODE !

In a decisive, unanimous decision last month, the Board rejected all FCC proposals regarding creation of any form of No Code License and has instructed the League attorney to prepare a formal reply to that effect. Generally, this was a most welcome decision regarding the ham fraternity feelings as most ham polls have been running nearly 100 to 1 against any no code concept. In addition, the FCC mail has reportedly been running

50 to 1 against their proposal. Hence, the League has acted precisely as the membership has indicated and this is to their credit for, in this case, we believe the majority is also right. As reported in April, GCARC voted 51 to 1 against. Amen!

INTENTIONAL COMPUTER INTERFERENCE COSTS AMATEUR LICENSE

The Advanced Class Amateur License of Henry C. Armstrong III (WA6CGI) of Sylmar, California, has been revoked by the FCC Review Board for the balance of its term for intentionally transmitting computer generated interference during December of 1980. Armstrong also was found to have illegally engaged in one-way communications and broadcasting, both a violation of the rules. FCC Judge Fitzpatrick had previously found that Armstrong deliberately interfered with operation of the Southern California DX Club Repeater and attempted to mislead the Commission as to his true purpose in making the prohibited transmissions. He concluded that revocation of Armstrong's amateur station license and the suspension of his operator license was in order. Armstrong appealed the decision to the FCC Review Board.

In a decision released March 11, the FCC Review Board generally upheld the decision of Judge Fitzpatrick and affirmed the revocation. The FCC Review Board said that Armstrong's transmissions are not in dispute. "...Engineers heard Armstrong continuously transmitting a computer voice synthesized audio signal that included his call sign, a statement that the station was under computer control, the frequency, and the amount of time the station had been on the air." The voice synthesized transmissions did not address anyone in particular. In defending his actions, Armstrong argued that he was conducting permissible experimental testing related to the development of a computer program with which a human voice could communicate by radio, telephone or other electronic means. Armstrong has an Electrical Engineering degree and training in computer design and hardware/software development. He acknowledged staying on the air for seven or eight hours at a time.

Representatives of the Southern California DX Club offered evidence casting doubt on Armstrong's explanation. The DX Club had even offered to buy Armstrong new crystals that would operate on a frequency not close to the repeater in order to eliminate the problem and said that they thought his transmissions were the implementation of a threat (denied by Armstrong) to drive the repeater off the air. Armstrong also said that the FCC judge did not allow him to enter evidence into the record. In denying Armstrong's allegation, the FCC Review Board said the transcript makes no reference of his wanting to enter additional evidence supporting his innocence. "Furthermore", the Review Board stated, "Armstrong failed to monitor the output frequency before or during his transmissions to determine if he was causing interference, despite having been warned previously that his earlier transmissions had caused serious interference to other Amateur operations." The revocation/suspension order becomes effective April 20th

unless further appealed to the full Commission. (Action by the FCC Review Board adopted March 3, 1983, Released: March 11, 1983.)

(TNX to W5YI Report and K2JF)

Ed. Note: Even a clever, smart Electrical Engineer can be a "dumb a___"
So much for automation !

DX DOPE - TNX to SNEDXA es KE2M

China. BY1PK in Beijing and BY8AA in Chengdu are still very active on 20 and 15 meter CW. BY7RA in Guangzhou is scheduled to begin operation within a few months. QSL all stations direct to CRSA QSL Bureau, P.O. ZOX 6106, Beijing. There is still no SSB operation, but plans are being made for SSB from BY1PK later this year. Any station who worked VE7BC on his March/April visit to BY1PK can OBT a QSL directly from Tom, VE7BC.

Antarctica. 4KlQAV is a new Soviet station from Antarctica. QSL to UAlQAV.

Singapore. 9V1VB shows regularly on 15 meter CW with good signals to both Europe and North America. Check especially around $1\emptyset\emptyset\emptyset$ to $14\emptyset\emptyset$ Z on $21\emptyset25$ KHZ.

Liberia. A81LC A82LC A85LC A87LC A88LC and A89LC will be operated through the rest of the year by members of the Liberia Radio Amateur Association. QSL to SM4CWY AR

Zone 2. VO2CW will be leaving VO2 land at the end of the summer.

Senegal. 6W8DS can be found on 21295 KHZ at 2030Z. QSL to WA4VDE.

Saipan. Len, KHØAC, is active on weekends on 14205 KHZ at 1000z.

Gabon. TR8JJD operates around 14245 KHZ at Ø1ØØZ.

Malta. Look for 9H1EU at 2030Z on 2129Ø KHZ.

Cook Islands/Niue. ZK1CG and ZK2DR are hearing North American stations well around 0800Z on 1812 KHZ but are having trouble being heard.

Brunei. VS5HG is active around 142Ø6 KHZ at 1925Z.

Amsterdam Island. Mike, FB8ZP, has been regularly appearing from $\emptyset2\emptyset\emptyset$ to $\emptyset3\emptyset\emptyset$ Z on 142 \emptyset 5 KHZ. QSL to F6KNO.

Mauritius. 3B8CF continues active on $4\emptyset$ and $8\emptyset$ meter CW just before his sunrise. QSL Direct.

Oman. A4XJV, Salim, licensed since last September, is now very active on 20 and 15 meter SSB. QSL direct to 1983 Callbood Address.

San Marino. Many stations have become suddenly very active with the new prefix assignment T7. Heard this week were T77V and T77C on 15 meter CW. For QSL routes, use the address of the Ml station with the corresponding suffix.

In order to better serve the needs and intrests of the members of The Gloucester County Amateur Radio Club we ask that all members take the time to respond to the following questions covering numerous club activites.

The Board of Directors intends to use the results of this survey as the best indicator available of the members interests. This is your opportunity to input your thoughts as to the operation of the club.

- 1.Do you feel that the club should seek to purchase or build a Club House for its use?
- 2. If a Club House is obtained, would you be interested in a fully equiped Ham Shack being installed in the premises?
- 3.Would you be willing to be a Trustee of the Club House responsible for the maintnance, operation or upkeep of a specific area such as kitchen, station, grounds etc.?
- 4.Do you like to participate in the various Contests throughout the year?
- 5. If you participate in contests, do you compete for yourself or as part of an organized Club activity?
- 6.Do you feel that the Clubs contest efforts are well organized and open to any member interested?
- 7.Would you like to see a stronger effort by the Club in contests?
- 8. Have you participated in the Club Field Day activity during the past three years?
- 9. Would you like to participate in the Field Day activity but feel that you do not have enough contest experience?
- 10.One prime reason for the continued existance of Amateur Radio is its involvement in Public Service. Have you in the past three years been involved in a Public Service activity involving Amateur Radio?
- 11. Have you ever participated in the Jaycees Bike a thon communication activity?
- 12. Have you ever participated in the Cancer Society Bike a thon communication activity?
- 13.Do you feel that the Club should become involved in more Public Service activities?
- 14. Are the programs presented following the business meetings of interest to you?
- 15.Do you feel the programs should always be directly related to Amateur Radio?

- 16.Do you feel that a program length of 45 minutes is too long?
- 17.Do you feel that the Club should be involved in the ownership and operation of one or more VHF/UHF repeaters?
- 18. If the Club put a repeater on the air, would you be willing to serve on the technical committee?
- 19.Would you be willing to serve on the administrative committee for a repeater?
- 20.Do you feel the club meeting should begin 1/2 hour earlier, ie: 7:30 p.m.?
- 21.Would you like to learn more about the use of computers as regards Amateur Radio?
 - 22.Do you own a home computer?
- 23.If you have a home computer, do you use it as part of your Amateur Radio activities?
- 24.Is DX-ING one of your stronger interests in Amateur Radio?
- 25.Do you feel that the Club adequately supports your DX interest?
- 26.Would you be interested in a Club sponsored construction project?
- 27.Do you feel that the Club should sponsor code and theory classes for licensing?
- 28. If you feel that the Club should sponser classes, would you be willing to serve as an instructor for the classes?
 - 29.Do you feel the Club should Sponsor a Hamfest?
- 30.If you support the idea of a Club Hamfest, did you participate in the planning or execution of the Hamfest last year?
- 31.Are you participating in the Hamfest activities this year?

If no, why not?

32.Do you feel the club should participate in the volunteer exam program?

Please bring your survey forms to the June meeting or mail them to the club P.O. Box if you can not attend.

submitters name (optional)