

CROSSTALK

Published By And For The

GLOUCESTER COUNTY AMATEUR RADIO CLUB, W2MMD\*

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Doris Bachman, Typist

Bill Bachman, WA2VEE, Printer  
Roslyn Marder, N2AKL, Circulation

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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 American Legion Hall in Franklinville. Meetings begin promptly at 8:00 P.M.

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

### President's Message, July 1982

Here we are, midway through the year. Time sure flies when you're having fun, Hi. When you read this we will have completed another successful Field Day and looking forward to another successful Hamfest.

Speaking of Hamfest, no need to remind you to turn in your ticket money as we are now approaching many deadlines that have to be met. We would like to have ALL tickets settled by our Aug. General Meeting, next month.

About the matter of Club QSL's, we would like to beg your indulgence for a while longer. We were promised QSL's by mid-June, and through no fault of ours, the printing fell through. We are now in the process of making other arrangements, so please bear with us.

I hope that all of you who came to last month's meeting enjoyed the program put on by our own Al Gartner, AE2V. For those of you that missed it, it was a program on personal computers as related to amateur radio and other generalities. I, for one am employed in the computer industry working around larger versions all day, and sometimes nights, but I really enjoyed Al's program. Hope we can get him back again soon.

The program for this month, which will follow the business meeting will feature Russell Stafford, WB3JVX. Russell will be talking to us on his own private 220 repeater and 220 repeater link controls.

Also, for next month (August), there will be no formal program. Being the month of August, which is hot and humid we will have an informal program after our regular meeting which we call "Beer Nite," see you there.

NOTE: Board of Director's Meeting July 21 at QTH of K2HPV, Herb Schuler. 848-2121

73's  
Harry O. WB2GSF

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### Hamfest

Of course, the next big upcoming event for GCARC is the annual Hamfest set for August 29th at the County College. Your committee is very hard at work planning to make this the biggest, best Hamfest ever! Many prizes will be awarded, etc. etc. and this year's grand prizes will be a TRS-80 computer and a Yaesu FT208R HT. As was done last year, the FCC will be on hand to proctor exams and ARRL speakers include none other than our own AA2Z! The flea market and other vendors will be out in force.

Only one sad note must be sounded at this time--that of the advanced ticket sales! The committee must have some up-front cash to operate. This traditionally has been adequately supplied by brisk advance sale of tickets by the Club members. However, so far most of you, the GCARC Club members, have been dragging your feet in this important area. In fact, some Club members have returned all of their 10 tickets refusing to sell any and not even buying one for themselves! With this sort of cooperation and support, one has to wonder why bother to belong to GCARD at all!

Regardless, let's sell (buy) a few tickets before the July 7th Club meeting and please turn in a few bucks to the committee at that time to show we are behind their efforts. Remember, this is your Hamfest too. Tnx.

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W3KT - Silent Key

By now most everyone has heard that Jesse, W3KT, passed away about one month ago following a relatively short illness. Jesse served for many years as ARRL Assistant Atlantic Division Director and, for the past 3 years, as Division Director. One of the USA's top DXers (some 367 countries confirmed), Jess, for many years, handled the 3 call area QSL Bureau and also had his own outgoing bureau. Jess did a super job in whatever he attempted and he will be sorely missed by all who knew him. Our condolences are extended to his family and close firends.

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Congratulations to:

Dave, W2YC, who, for the 2nd consecutive year has won the W2SUA DX Trophy - having the top Club score in this year's ARRL DX Contest!

Ray, AI2B, for having been presented a beautiful plaque for his megapoing award!

Tony, N2SS, who is the first GCARC member ever to have garnered a 5BDXCC plaque!

and last, but not least, to AA2V who is now married (no less).

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Bike-A-Thon

Coming up soon--only 3 weeks to go! The date is July 25th. More volunteers can still be put to work. All you need is desire to help and some 2 meter facilities. Please contact either Steve, WB1AOF, Chuck, WA2TML, or Harry, WA2WXT, for more information. Here is a marevlous opportunity to render very visible ham community service. Tnx to all.

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Worked NW3SI?

That's an unusual call. The call is assigned to the Amateur Radio station located in the Nation of Nations Exhibition at the National Museum of History and Technology of the Smithsonian Institute, Washington, D.C. The station keeps a regular schedule at 1900 4TC on 28.640 MHz Tuesdays. It demonstrates amateur radio activities to the visiting public, and occasionally has a guest operator. The regular operator is Joe Fincutter, W3IK.

Tnx "World Radio June 1982"  
(and to John, K2JF).

LES BELLES

Trisha C. Donnell, obtained her General Ticket at age 13. Congratulations are in order to this young girl who went along with Mom and Dad to radio classes held by the Delaware Amateur Radio Club in Wilmington. It was not long before she, too, became interested, and under the direction of her teachers, Robbie McCray-WA3QLS and Joe Gribb KI3B, she received her Novice Ticket on February 5, 1982 and just 13 days later went up to FCC and passed her Technician Test. Then the big day of APRIL 27, 1982, she passed and received her General Ticket.

Trisha says her biggest influence and help came from her Dad-KR2U, ex-WB2JGP (now a silent key since April 27th of this year). Dad helped her with the study and know-how regarding her hobby. Also in the family is Trisha's Mom - Elaine-KC2LD, who holds her Advanced Class Ticket and has passed the Code portion of the Extra Class. A true ham family.

Young Trisha says she is still undecided as to what she likes most about ham radio -- she likes phone much better than CW. Her Dad got her a 2-meter HT for passing her Tech Class and teacher, Robbie-WA3QLS, gave her a 220 HT for passing her General Class and he calls her his prize student.

A member of the Delaware Amateur Radio Club and AWARE Radio Clubs, both in Wilmington as well as a member of Salem County Amateur Radio Club, Inc. and also the YLRL, Trisha is kept busy with other ham friends.

Imagine getting your General at age 13, and a YL! Trisha had a birthday this past May 23rd when she became 14. She graduates from Penns Grove Middle School (8th grade) this year where she has been on the Honor Roll three times during the past year as well as being cheer leader for the past two years. Trisha enjoys camping, roller skating, swimming and is also an avid collector of smurfs. She is a very pretty girl along with also being intelligent as can be observed from her picture. She also wishes to share her QSL card with you.

CONGRATULATIONS TO TRISHA-KA2ONA, the youngest gal holding her General Class in Salen County, New Jersey and Delaware areas. All the best to happy hamming Trisha.

73 - Rose Ellen-N2RE

**NEW JERSEY**

SALEM COUNTY

**KA2ONA**

ARRL YLRL

Radio	Date	GMT.	RST	MHz.	2 way



Please QSL. Tnx

73

Trisha C. Donnell

YOUNG LADIES RADIO LEAGUE, INC.

YLRL held their 9th International Convention the week of June 14 at the Marriott Hotel at Crystal City in Arlington, Virginia with about 300 YLs in attendance. Some brought their OM. A special program was designed just for the OM attending. Of special interest was the DX-YL program where some of the gals told about their life regarding radio -- let me share some of these with you:

DJ1TE - Christa - lives in the Black Forest-Germany. She has been a member of YLRL for 25 years and is sponsored by WAYLARC - The Washington AREA YLS. She says there is no YL Club in Germany but there is a small Ham magazine which does have some information at times and sells for \$6.00/year. There are now 2700 German YLS. They are not interested in having a YL Club in Germany. Most YLs from Germany did not want to attend this convention as they did not want to leave their OM to do so. Christa has worked 600 other YLS and also has WAS-YL. After the Convention she expects to tour Williamburg with other YLs from the Convention.

JH3SQN-Dr. Nozmi Gohara - lives in Japan. She is a Pediatrician and has been licensed since 1972. She says everyone here in America seems so big to her after being around everyone small in her country. She asks that we visit the Far East and says it is not the end of the world. There are 460 YLs in the JHYL club. If we visit anytime one of them will meet us and show us around.

SMØHVN-Raija - is from Sweden and has been licensed since 1957. After being a ham 25 years she has no problem with her fine command of the English language. She is employed as a radio telegraph operator. Her hobbies are hamming, making lamps and doing needlepoint. Newly formed YL Club in Sweden has 16 members of the 378 YLs in Sweden.

VP9IX-Edna - is from Bermuda. Her OM Joe came with her. There are 7 YLs in Bermuda but no YL Club. The first YL in Bermuda was an American who came as a teacher and formed a club at the school where she taught. Sister Marian Edward is now a silent key. She asks that we visit her anytime we are in Bermuda. Edna likes to operate contests and sometimes operates team with her OM-Joe. There is a Bermuda 100 Club and W1NU has just received the silver medallion for adding the 300th VP9.

YL Clubs represented at this YLRL Convention were: FLORIDORAS; TASYLS; TOTS; PJYL; SAYLARCS; GAYLARCS; WRONE; BUCKEYE BELLES; COLORADO YLS; NYC YLS; ORANGE BEACH YLS; BAYLARCS; HAWKS; YLRL OF LA; WAYLARCS; MINOWS; CLARA; ALAMO YLS; TYLRUNS; SAN DIEGO NO. COUNTY YLS.

SPEAKERS WERE: Ellen White-W1YL/4 - DX Editor QST - her subject was "What Is DX". Leonore Jensen-W7NAZ - Editor for WORLD RADIO, Interviewer on TV - her subject was "Enthusiastic Radio Amateur". Mrs. Lauren J. "Pete" Belvin - Assistant to Chairman of FCC-Mark Fowler - her subject "No Code" - "No Way".

Next convention will be in 1985 with the 50th anniversary convention in 1989 - the sites not yet determined.

### Contest Corner

Field Day 1982 is now history. Congratulations and thanks are in order to all who participated. Special thanks to the food and power committee, and to WA2LET, Wayne who had the honor of being the organizer.

Rough scores appeared to be fairly good, reflecting our band chairmen's efforts in putting together good stations (and perhaps more than a few cold 807's). Equipment ran the gamut from simple dipoles to a 6 element homebrew beam. There is a dark side of the moon. Club participation seemed down. Most stations only had one or two operators and many of the members who usually help set up and tear down were even absent.

Field Day is more than a contest and it's concerning that so few of our approximately 150 members chose to participate. Now that the "shooting" is over with, we should begin to examine this key issue.

Although there are no megapoint contests until October, July is a busy month (10 contests), with at least these three interesting items:

July 10-11 IARU Radio Sport Test

July 17-18 Seanet CW Test - Pacific and Asian DX

July 24-26 County-Hunters CW Test - Your County could be

"DX"!

Contests can be a good source of DX contacts. The Seanet contest particularly could give you a chance to work some relatively rare Asian/Pacific stations.

CU at the meeting.

73, de Dennis  
WB2GES

(A complete run-down on FD will appear in next month's X-TALK - Ed.)

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### DA'S & DIT'S

KB2GL, you will have to give W3ANK a "hot tip" one of these days so he can bring back that barrel from the track.

This column is leaving anything that has to be said about Field Day up to our editor, WA2NPD. My only contribution will be to hope for a rip roaring success.

This girl, N2RE, constantly amazes me because she travels 45 miles through thunderstorms and rain to attend the meetings.

N2ASV, I hope that water-line is deep enough in the ground so that Mr. Freeze doesn't catch up with it next winter.

K2RCH, now that those "glasses" have been repaired or replaced, you once again will have to toe the "straight and narrow." Someone will be watching you.

WA2OZG and AE2Y are now residing at one of the seashore spots. Possibly, it might be permanent.

NORMCOM Computer is doing a fine job. Of course with the assistance of WB2HVJ.

KB2GW, if temptation wins out and you take a trip to the mountains of New England, take it from me - you'll really like it up there.

Too bad you didn't get a new car, WB2ONS - but maybe the idea will catch on - first the Golden Nugget, and next the -----.

K2ZA, the next time you get in touch with WB2VOH give him our best and tell him we hope all's going well.

We understand that WA2TDI got the work gloves out of camphor in order to give the big hand to WA2DYO! Of course, all volunteers will be very welcome at that building site.

The Eavesdropper

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"DX DOPE" (Tnx to SNEDXA and KE2M)

St. Paul Is. VE1SP1, VE1CER, and VE1ASJ will be active on all bands and modes from 8 to 13 July. QSL's to be handled for the above calls respectively are VE3EUP, AK4L, and the C/B adr for VE1ASJ.

Lebanon. OD5LX is active after 0100Z around 14025 KHz. Ted's QSL's go to SM0DJZ.

Ecuador. HC1MD/5 will be leaving Ecuador in 30 days. Look for Rick on 21347 KHz after 0000Z to arrange schedules for 160 meters or other bands. QSLs go to K8LJG.

West Kiribati. Look for T30AT at 1000Z on either 14205 KHz or 14025 KHz. Send Ted's QSLs via G3XZF.

Oman. A4XJO can often be found on 14211 KHz at 2030Z. QSL via WB3JRÜ.

Greenland. XPIAB has recently been giving out that rare prefix. Look for him on 14205 KHz between 2200 and 0300Z. QSLs go to WA2TTI.

Aland Islands. OH6VM/OH0 is usually on 14201 KHz after 0200Z.

Rodrigues Island. 3B9CD can be found on 14027 KHz at 0300Z. QSLs go to 3B8CF.

Svalbard. Look for JW6ZW on 14025 KHz at 0230Z. JW0P likes 21020 KHz at 0300Z.

Chatham Island. Check 3795 KHz at local sunrise for ZL4OY/C and ZL4PO/C.

St. Vincent. Look for K5YY/J8 on either 7005 KHz or 14030 KHz after 0300Z. QSLs go to K5YY.

Wake Island. KW6HF, QSL Manager for AH6DY/KW6, advise that AH6DY/KWS may be worked between 0520Z and 0700Z. Initial contact is established on 14314 KHz, the Pacific Maritime Mobile Net frequency. He then moves with his QSL manager to the nearest available clear frequency.

Ogasawara. Look for JA2VUL/JD1 on 14205 KHz at 1100Z.

Mozambique. OH2BNL/C9 says he will be on the air until August. Look for him on 21295 KHz at 1730Z. Documentation for DXCC purposes has not yet been received from SM2DWH/C9.

Madagascar. Alain, 5R8AL, has returned from his holiday in France. Look for him on Fridays at 1400Z on 28610 KHz and around 21325 KHz at 1730Z. QSLs go to WA4VDE.

Franz Josef Land. UA1PAM and UK1PGO QSLs are now being received from the QSL Bureau. UK1PGO, the Polar Geophysical Observatory Club Station, is the only Franz Josef Land station still on the air.

Crozet. FB8WG continues active three or four days a week. Look for him at 0950Z on 14201 KHz and on 7005 KHz at 0310Z.

Republic of the Philippines. Look for 4D9RG at 0930Z on 14215 KHz. QSLs go via DU9RG.

Antarctica. 4K1A is often on 14210 KHz at 0930Z. QSL via UA3EL.

Iraq. JA1DNG.YI has been worked on 21286 KHz and 21270 KHz around 1800Z. It is expected that SORI will be on from Iraq for one year.

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#### 4-SALE

KLM 7.0-1 Rotatable dipole. new in box! Must pick up. \$150.00  
Call Tom, AD3V, (Also, Doug,  
WA2NPD - Tom lives in Delaware).

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#### Electronic World Features "Jim-pak"

Ted (harmonic of W2LVW) reports that Electronic World (K-Mart Shopping Center, Mantua) now has a complete line of Jim-pak electronic components. Parts include resistors, capacitors, pots, transistors, switches, jumpers, connectors, LED's, diodes, sockets, transformers, and grab bags--everything (almost) for the do-it-your-selfer ham. Ted sez if he doesn't have it--he'll get it.

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#### Flare-Power de K2JF

For you who have wondered about the latest conditions and what solar flares can do concerning the recent flare that has caused such disturbance on the HF bands and good results on the VHF bands. Sunday, May 30th at 1645 UTC, an intense emission appeared throughout the electromagnetic spectrum! The flare lasted for 3-1/2 hours. At its peak, it covered an area of  $2 \times 10^{19}$  square kilometers of the solar disk. The flare released over  $10^{25}$  joules, or about  $10^{19}$  kilowatt hours of energy, or about 400,000 times the total yearly energy consumption of the United States!! This amount of energy could easily have been stored in the magnetic fields of the sunspot group even though the sunspots showed no changes as a result of the flare. Remember this is only ONE flare, just imagine the power that is released for one day from our Sun.

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#### Legal Happenings

##### Tnx to K2JF and "W5YI Report"

##### City Assumes Jurisdiction of Amateur Radio...

In one of the most outrageous antenna ordinances ever enacted by a city, Burbank, Illinois, has for all practical purposes assumed control of two way personal communications. Burbank is a city of about 45,000 with about 45 amateur radio operators and is a southwestern suburb of the city of Chicago. In an ordinance (No. 9-4-82) that took effect the first of April, the city has...



•(1.) suspended issuing amateur radio and CB antenna permits for one year. This is so the city can inspect all existing antennas "to insure that they comply with all existing standards."

•(2.) existing antennas must be registered with the city along with the licensees "FCC number" and proof of insurance coverage must be furnished to the building department.

•(3.) the antenna installation must comply with existing codes and the owner must submit to the building department "a manufacturer's instruction installation sheet so that the building department may properly inspect the antenna."

•(4.) every CB and amateur radio antenna must be inspected annually by the building department which will charge the sum of \$11.00 to the owner for this inspection and \$10.00 for any necessary re-inspections.

•(5.) it shall be unlawful to interfere by radio transmitter with any electronic device.

There was a series of hearings that were well attended by Burbank amateurs, but it was to no avail. Many questions have been raised. If an amateur has 4 antennas, does he have to pay \$44.00 for an inspection instead of \$11.00 annually? Is the tower and antenna inspected by the city? What does it have to comply with? "This is the worst that I have ever seen anywhere," Jim said. "It is incredible. Radio wave communication, its regulation and regulation of transmission equipment and interference is absolutely preempted by the Communications Act and lies within the federal and not city domain. It is a very serious thing. There is a municipal league of small city officials and this stuff spreads! They have a library of this kind of garbage."

"We have been in contact with the League, its General Counsel and Manager and this ordinance was the subject of a discussion this past Saturday at the Kansas City ARRL Executive Committee Meeting. Discussed was the possibility of funding a federal lawsuit-a class action federal civil rights lawsuit in the U.S. District Court here. I understand that final decision has been deferred in order to determine the support of the local amateur radio clubs. This is the kind of thing that is going to spread. It is outrageous, a deadly thing. This is the only charitable way to describe it. We intend to go into federal court with it if we can raise the money."

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HR ARRL Bulletin Nr 53 from ARRL Headquarters, Newington, CT  
June 4, 1982 - To All Radio Amateurs

ARRL has filed a petition for rulemaking with FCC requesting authority for amateurs to use the teleprinter code known as AMTOR. Amendment of Section 97.69 of the FCC Rules is requested to permit transmission of the digital teleprinter code specified in CCIR Recommendation No. 476 2. See June 1981 QST, page 25, for more details on this method of error free RTTY communication. The ARRL petition has not yet been assigned an RM Number by FCC.