

GLoucester County Amateur Radio Club, W2MMD

G. C. A. R. C. OFFICERS

PRESIDENT..... MARLA BOZARTH..... N2DWR
VICE PRESIDENT JOE WELLS N2KLE
TREASURER..... CHUCK COLABRESE..... WA2TML
REC. SECRETARY EDWIN STETSER Sr..... K2JJC
COR. SECRETARY..... JOHN FISHER..... K2JF

DIRECTORS

3 YR Jim Mollica Sr. K2OWE
3 YR Chris Chamberlain N2IVN
2 YR Ken Bozarth KN2U
2 YR Irma Colabrese N2FNF
1 YR Bob Layton KB2COB
1 YR Frank Malinowski KE2NY

TRUSTEES

4 YR Joel Supkow KB2AYW
3 YR M R Marder WA2FGA
2 YR Howard Marder WA2IBZ
1 YR Virginia Macrie KA2ZZA

COMMITTEE CHAIRPERSONS

Advertising.....	N2KLD	Hospitality.....	N2AIV
ARES/RACES.....	WA2USI	Legislation.....	??
Awards.....	K2ZA	Membership.....	N2KLD
Banquet.....	N2KLD/N2IMK/KB2JQC		
Chaplain.....	WA2BMQ	Nets.....	WA2TOP
Construction.....	WB2DXB	Publicity.....	WA3JVV
Contests.....	AA2DJ	Repeaters.....	WA2TML
Crosstalk Editor.....	N2DUZ	Site.....	N2AIV
Data Processing.....	KB2COB	Scholarships.....	WN2T
DX.....	K2JF	Special Events.....	WB2OYQ
Field Day.....	KA2COT	Sunshine.....	KB2EUA
HANFEST.....	??	Technica Site.....	KN2U
Help/Welfare.....	N2LIE	Training/Testing.....	WA2VQG
Historian.....	??	Ways & Means.....	N2FNF

CLUB REPEATERS

147.78/18 MHz

224.66/223.06 MHz

442.100/447.100 MHz

(CTCSS 131.8)

CLUB NETS

ARES/RACES..... Sundays at 2000 HRS on the 147.78/18 & 224.66/223.06 Rpts
10 Meter..... Sundays at 2300 HRS on 28.350 MHz

PRESIDENT'S MESSAGE

APRIL 1992

Here it is, ALREADY April!! Spring has arrived! As we all know, along with the Spring, comes new beginnings. This is true even with the great hobby of ours! There are alot of Amateur radio activities beginning. In order for these activiites and undertakings to be sucessful, we **NEED YOUR HELP!!** Several of our main events are in the process of being coordinated, but without **YOUR** participation, they won't be successful. **WE NEED YOU!!** There are volunteers needed for:

- * The GCARC Hamfest
- * The Bike-a-thons
- * The Walk-a-thons
- * The 4-H Parking
- * And parades

All need your help. You say that you don't know anything about the responsibilities that go with the positions?? Ask.....all it takes is one little question, and you'll be surprised at the response that you get. The more people that we have helping, the less work it'll take individually. See either the Chairperson for that activity, or one of the club officers for more details. Don't feel that you couldn't handle the job. We all had to start some where. If questions aren't asked, how can we learn ?? We are all in this hobby together, let's pull together as a team. **GET INVOLVED!!** I'd like to put a float together for the various parades that are coming up. Wouldn't you like to march down the middle of the street, representing the **GREAT GCARC??** I know I would! We could even hand out those **TERRIFIC** brochures that Joe made up about the club. Let's get the community aware of what the **GCARC** is...what we, as an Amateur radio club, can **DO** for them, and how they can become one of us. As my motto for this year goes..... **LET'S GET INVOLVED !!!** See you at the April 1st meeting !!!

73 Marla/N2DWA

Telephone Interference Kit

In view of the renewed interest in the telephone interference kit, *K2DWE* has volunteered to place a bulk order for the kits. The kit consists of seven components, 4 chokes, and 3 capacitors. It **DOES NOT** include housings, cables, etc. The cost per kit is \$2.50. Members who wish to order kits, prepare checks made out to James Mollica with a sufficient amount noted to cover the costs of units ordered. Indicate your call and quantity on the check. Checks can be given to Jim or Ed (*W2GSN*) at the next club meeting. Members who cannot attend the meeting may mail the checks to Jim at his address as listed in the membership roster. In the event that a lower price can be arranged via a bulk purchase, the savings which result, minus costs associated with the telephone calls and shipping will be presented to the club as a gift.

Deadline for order requests will be April 22, 1992.

*"A GOOD FRIEND IS ONE WHO THINKS YOU'RE A GOOD EGG,
EVEN THOUGH YOU ARE SLIGHTLY CRACKED!"*

Thanks to *N2DWA* for the words of wisdom!

WELCOME NEW MEMBERS

Five new members will be introduced at the April General Membership meeting. They are:

William (Bill) Bates.....	<i>N2MVK</i>	Tech. Plus.....	Marlton
Jack (Captain Jack) Sheppard.....	<i>N2OMB</i>	General.....	Bellmawr
Wayne (Cliff) Clifford.....	<i>N2PLE</i>	General.....	Woodbury
John Cliver.....	<i>N2NLE</i>	Tech. Plus.....	Woodbury
Charles (Rocky) Carrocino.....	(No Call/License Yet!)	Mt. Ephraim

Welcome to the Club!

73, Mary Ellen, *N2KLD*

AWARDS? What Awards?

Due to the influx of new members to the **GCARC**, there are many of you who are probably not aware of the awards offered by the club. Let me list them for you:

GCARC AWARD - Work any 15 members, any band, any mode, with stickers available for 30 or more contacts. (QSL Verification Required)

HF AWARDS:

NOVICE/TECHNICIAN AWARD - For novices and technician class only. Work any 25 GCARC members on 28.1-28.5 Mhz, using any authorized mode. (QSL Verification Required)

CW AWARD - Work any 25 GCARC members on CW, on any band below 54 Mhz (QSL Verification Required)

MIXED AWARD - Work any 50 members, any mode, any band below 54 Mhz. (QSL Verification Required)

RTTY AWARD - Work any 50 GCARC members on RTTY on any band below 54 Mhz. (QSL Verification Required)

12 Meter DX AWARD - Work any 25 countries, any mode, on 12 meters to start award, then 15 more for the next sticker, then 10 more for the next sticker, etc. (QSL Verification Required)

VHF/UHF AWARDS:

SSB AWARD - Work any 25 GCARC members on SSB on any band above 50 Mhz. (QSL Verification Required)

PACKET AWARD - Work any 15 GCARC members on any band above 50 Mhz. Suggested frequency is 147.54 Mhz. (QSL Verification Required)

TO : ALL
From: KD3D
Subj. CALLBOOK SERVER ON LINE

For information to all in the BBS area. I now have the SAM Call Book database on line at the KD3D bbs. It consists of over 500,000 US calls current through November 21, 1991. Information provided is Name, address, class of license, date of birth, and if the call is in my WP server here you will be given the @ bbs of the station call you requested. For those that are not aware, I also have a WP server and MODS database on line here. The servers here are provided for anyone and everyone to use.

73's and enjoy....

Jim KD3D

PENN-DEL HAMFEST 5/3/92

PLEASE NOTE:
THE ORIGINAL SCHEDULED DATE OF 4/12/92 FOR THE
PENN-DEL HAMFEST HAS BEEN CHANGED TO 5/3/92.

The PENN-DEL Amateur Radio Club will sponsor the PENN-DEL HAMFEST, Sunday, May 3, 1992. The hamfest will be located at the NUR Temple, 198 S. DuPont Hwy (Rt 13 and 40 split) in New Castle, Delaware. The hamfest will include indoor and outdoor reserved swaptables, tailgating, VE Testing, commercial exhibitors, and refreshments. The hamfest will be RAIN or SHINE! Vendor setup will be at 7 AM (NO EXCEPTIONS!!!!). The doors will be open to the public from 8:30 AM to 2 PM. Additional info will be available on:

- PENN-DEL ARC net
every Thursday evening at 8 PM on 224.220 (-) (New Castle, De).
- AWARE Net
every Monday evening on 147.225 (+) or 224.00 (-) (Wilmington, De).

Swappable info and reservation is available at (215) 497-2124.

73's de Brian, KA3VSP. 73's de Brian, KA3VSP.

1993 G.C.A.R.C. BANQUET

Mark your calendars: The 1993 GCARC "Installation of Officers" Banquet is scheduled for Saturday evening, January 9, 1993, at the Dutch Inn. More details to follow later.

73, Mary Ellen, N2KLD



From the Editor's Desk:



Well, here it is the fourth month of 1992 with spring just around the corner. The spring and summer season means more activities with family and friends.....and hopefully with the club too! I want to thank Maria for her help in getting the Crosstalk out these past few months. While I have been doing the typing and copying, she has taken care of stapling, folding, labeling and mailing the Crosstalk. She has enough to do as a mother, wife, club president, nurse, and whatever else needs doing at the moment. Thanks Maria, for the help; however, it is time I did my job myself!

How about the rest of the club? Anyone out there that could spare a couple hours a month? That is just .2% of your time for one month (based on a 30 day month), to help out some fellow hams and friends! And you may be helping yourself too! Ask our Club President what you can do to help. Or ask any of the committee chairpersons how you can help! (Even I could use a little help with the Crosstalk!)

OK, enough of the soapbox!!!! I have heard a couple of persons make the comment "...I can't write an article for the paper. That's why I never give any articles.". Well, never mind the small stuff. I'll attempt to put the article in order for you if you want, just give me the information. Contests, happenings, information, trivia, whatever! Just get me the information!

Thanks for reading this, and enjoy hammin'!

73 DE N2DUZ

A SPECTACULAR LIGHT SHOW

It can start as no more than a faint, diffuse glow low in the northern sky. But as the night progresses, the aurora grows more active. Luminous bands and arcs may develop, with bright rays forming inside these structures. When the display reaches its peak, huge, multi-colored curtains of light play across the sky and pulsate in brightness.

If your lucky enough to see an auroral display it will be etched indelibly in your memory. The good news is that 1992 is likely to be the best year to observe aurorae for the rest of the 20th century.

The reason for this has to do with the cause of aurorae-- the Sun. The Sun emits a stream of charged atomic particles called the solar wind. When these particles reach Earth, they excite the atoms and molecules in the upper atmosphere, which in turn emit light of specific colors.

As you might expect, aurorae are most common when the solar wind is especially strong. And the solar wind is strong when the Sun is active. Because the Sun reached peak activity in 1990 and auroral activity usually peaks a year or two after that, this should be a particularly good year for aurorae.

In North America, you are most likely to see an aurora from Alaska or northern Canada. Residents in this region can expect to see an aurora nearly every clear night. In Southern Canada and the northern United States, your chances of seeing an aurora on any given clear night range from 10 to 40 percent. And in the southern U.S., your chances fall to about 1 percent. But stay alert and keep your eyes open. In this year of heightened activity, even southern observers have a pretty good chance to see at least one of these stunning sights. I have observed two of them, one in November, and one in January. Not too bright but certainly pretty.

Tnx K2JF>

Let me begin by saying that I will be very happy to have K2JF(John) back next month doing the DX information! I have tried to pickup information of value to those who are DX types; however, I can not do near the job John does in sorting out the information and putting it into readable form. Please, get well soon John, and hurry back! *N2DUZ*

TO : ALL
FROM: KB8NW ARRL
Subj: ARRL 27: PART 97.113 UPDATE

ARRL BULLETIN 27 ARLB027

FROM ARRL HEADQUARTERS NEWINGTON CT MARCH 12, 1992 TO ALL RADIO AMATEURS
SB QST ARL ARLB027 ARLB027 PART 97.113 UPDATE

THE UNITED STATES SUPREME COURT HAS REFUSED TO HEAR AN APPEAL OF A DECISION OF A UNITED STATES COURT OF APPEALS WHICH HELD UNCONSTITUTIONAL AN AROUND-THE-CLOCK BAN ON INDECENT BROADCASTS. THE HIGH COURT LET STAND A MAY 17, 1991 DECISION OF THE U.S. COURT OF APPEALS FOR THE DISTRICT OF COLUMBIA CIRCUIT WHICH HELD THAT BROADCAST MATERIAL WHICH IS INDECENT BUT NOT OBSCENE IS PROTECTED BY THE FIRST AMENDMENT, AND ANY RESTRICTIONS ON SUCH BROADCASTS MUST BE NARROWLY DRAWN. THE APPEALS COURT INSTRUCTED THE FCC TO DETERMINE THE TIMES AT WHICH INDECENT MATERIAL MAY BE BROADCAST. IN DOING SO, THE FCC MUST DETERMINE THE TIMES WHEN THERE IS A REASONABLE RISK THAT CHILDREN, WHO MAY PROPERLY BE PROTECTED BY THE GOVERNMENT FROM SUCH BROADCASTS, ARE IN THE BROADCAST AUDIENCE.

THE DECISION OF A THREE-JUDGE APPEALS COURT PANEL UNANIMOUSLY CONCLUDED THAT A 24-HOUR-PER-DAY FCC BAN ON INDECENT BROADCASTS, EVEN THOUGH MANDATED BY CONGRESS, WAS UNCONSTITUTIONAL. THE COURT OF APPEALS HAD EARLIER DETERMINED THAT THE FCC MUST CARVE OUT A SAFE HARBOR FOR SUCH BROADCASTS, BUT RECOGNIZED THAT EVEN CONSTITUTIONALLY PROTECTED SPEECH CAN HAVE A STRONG NEGATIVE IMPACT ON CHILDREN. THUS, LIMITATIONS ON INDECENT BROADCASTS CAN BE IMPOSED, IF CAREFULLY AND NARROWLY CRAFTED.

THE FCC WAS REFERRED TO THAT HOLDING FOR FURTHER ACTION. OBSCENE BROADCASTS ARE NOT PROTECTED AND MAY BE PROHIBITED ENTIRELY. FCC HAS CONTINUED TO IMPOSE FINES ON BROADCAST STATIONS FOR INDECENT BROADCASTS MADE DURING THE TIMES OF DAY IN WHICH CHILDREN ARE CLEARLY IN THE AUDIENCE.

THE IMPLICATIONS OF THE COURT RULINGS FOR AMATEUR RADIO ARE UNCLEAR AT PRESENT, THOUGH FCC HAS PREVIOUSLY STATED THAT ITS POLICIES REGARDING BROADCAST INDECENCY ARE EQUALLY APPLICABLE TO AMATEUR RADIO, NOTING SIMILARITIES BETWEEN THE TWO SERVICES. FCC CHAIRMAN ALFRED E. SIKES HAS RECENTLY STATED THAT IT IS FCC'S INTENTION TO ENFORCE ITS RULES CONCERNING INDECENT BROADCASTS TO THE EXTENT PERMITTED BY LAW.

ARRL PRESIDENT GEORGE S. WILSON III, W4OVI, WAS SCHEDULED TO BE IN WASHINGTON ON MARCH 13 TO DISCUSS THE MATTER WITH FCC COMMISSIONERS AND BUREAU CHIEFS, AND TO URGE INCREASED ENFORCEMENT EFFORTS TO RESOLVE WHAT MANY AMATEURS BELIEVE IS A SERIOUS PROBLEM.

Thanks to KF2AW BBS for the Above Information

The following is from the **ARRL** Letter (vol 11 no 5) dated March 11, 1992.

ARRL BRIEFS

* The IARU will participate in a project to establish Amateur Radio in the Democratic People's Republic of Korea scheduled to begin in May, 1992. Several Amateur Radio groups and IARU national societies have offered their support to the project, which is based on preliminary discussions held in Pyongyang earlier this year, where the authorities of the DPRK indicated their positive attitude toward it. The project group is led by Dr. Seppo Sisatto, OH1VR, and the coordinator is IARU President Richard L. Baldwin, W1RU, both veterans of the 1991 Albania project team. The announcement was made in Torremolinos, Spain, during the 1992 World Administrative Radio Conference.

* Effective September 1, the VHF/UHF Century Club (VUCC) will be available for satellite work. The minimum number of grid squares to qualify is 100, and the award is endorsable in increments of 25. Applications will be accepted during a one-month "window" beginning August 1 and held for processing beginning September 1. The five qualifiers with the highest number of grid squares claimed within the window period will be awarded plaques. The application received during the window period with the highest total number of grid squares will be assigned the Number 1 certificate. Subsequent numbers will be assigned in accordance with the number of grid squares claimed. After the window period, numbers will be assigned in accordance with the date the application is received.

73 de Bill/WA3SCW @ WB3V.MD.USA NA ARRL MDC Bulletin Manager

From: W1AW@W1AW.CT.USA.NA To: DX@ARL

Subj: DX Bulletin 13 ARLD013

From **ARRL** Headquarters Newington CT March 20, 1992

To all radio amateurs

SB DX ARL ARLD013 ARLD013 DX news

Thanks to Tedd, KB8NW, the Ohio/Penn DX PacketCluster network, Bob, W5KNE, and QRZ DX for the following DX information.

SOUTH SANDWICH ISLANDS VP8SSI should be active March 21 from Thule Island. Check 1824, 3524, 7024, 10104, 14024, 18074, 21024, 24894 and 28024 kHz for CW. Check 1845, 3795, 7065, 14195, 18145, 21295, 24945 and 28495 kHz for SSB. Listen for their 6 meter beacon on 50117 kHz, and on 2 meters EME at 144.028 MHz. RTTY is planned for 95 kHz up from band edge on 20, 15 and 10 meters. QSL via KA6V.

COCOS KEELING EXPEDITION. Fritz and Claudia will be signing VK9CK and VK9CL until April 6, and plan to be active on 160 through 6 meters, plus satellites, CW, SSB and RTTY. Look for them during the CQ WPX SSB Contest, March 28 and 29. Suggested frequencies are 1831 or 1911, 3505, 7005, 10103, 14005, 18073, 21005, 24895 and 28005 kHz for CW. For SSB, check 3789, 7045, 14195, 18145, 21295 and 28495 kHz. On RTTY, look around 85 kHz up from band edge. Six meter activity will be on 50110 kHz. QSL direct or Bureau via F6IMS.

AFGHANISTAN. VA5MM will be active for a few more days. Check 28030 or 28505 kHz starting at 1200z, 21030 or 21295 kHz around 1730 and 0300z, and 14030 or 14195 kHz around 0130z. Igor and crew have also been heard on 3796 kHz between 2330 and 0130z. QSL to Igor Petrashko, PO Box 321, Sofia 1000, Bulgaria.

MONACO. John, 3A2LU, has been showing up regularly on 21335 kHz between 15 and 1700z. QSL to John Copper, 22 Blvd d Italie, MC-98000, Monaco.

KUWAIT. Bob, WA8MOA, is now licensed as 9K2ZR. He and some other 9K2s have secured permission for 6 meter operations, so a rig has been sent to them via air mail.

MACAO. Iris Colvin is QRV as XX9TQL on 20 meter SSB.

ANGOLA. Doug, WA9PQX/D2 was on 21320 kHz at 2100z. QSL his home call.

NEW CALEDONIA. FK8CP recently showed up on 1830 kHz at 1120z with slow CW, but with a good signal.

KURE ISLAND Rick, KH6JEB/KH7, has been very busy this past week and will be wrapping up operations soon.

LACCADIVE ISLANDS. VU2NTA reports their license is secured and its a go for the second week in April.

OBLAST CHASERS. UW4WA is going to Oblast 106 using the callsign ROH from July 20 to August 10.

3B8CF/3B7 QSLs. Jacky, 3B8CF, still has about 3000 cards to be mailed. Please be patient.

RTTY TIPS. 3B9FR, ZD9BV and 7Q7LA are all very active and will QSY to RTTY upon request. SV1AHH will be in Crete, SV9, from April 18 to May 3.

WARC BAND TIPS.

30 METERS

YO8FR 10101 kHz at 2309z
9Y4KB 10105/0008
ZAITAC 10104/2111

17 METERS

FJ/N0IMH 18150/0408
UA9MEX 18071/0341
UZ0AXX 18128/0232
KC4AAA 18143/0152
TZ6VV 18081/2247
VU2PTT 18071/2154
JWOC 18076/2044

12 METERS

HH2PK 24970/0222
PY0FZ 24950/2011
JR2KDN 24943/2334

APRIL OPERATING EVENTS include the SP DX, SARTG WW AMTOR and SWISS HELVETIA contests.

From: W1AW@W1AW.CT.USA.NA To: DX@ARL

Subj: DX Bulletin 14 ARLD014 From ARRL Headquarters Newington CT March 20, 1992 To all radio amateurs SB DX ARL ARLD014

ARLD014 Mt Athos criteria The first requirement for operating from the Athos region of Greece (Mount Athos) is an Amateur Radio license issued by, or recognized under treaty by, the government of Greece. All visitors to Mount Athos must have an official written permission (called a diamonitirion) to enter the region. In addition to this, DXpeditioners must have written permission to transmit from Athos. Entry and amateur-radio operation permission must both come from the Holy Community of Mount Athos. Authority for administration of the Community lies in the hands of the Superiors of the Common Congregation of the twenty Holy Monasteries of Mount Athos. DXCC accreditation for DXpeditions to Mount Athos will be given only to those who have met these requirements.

From: W1AW@W1AW.CT.USA.NA To: DX@ARL Subj: DX Bulletin 16 ARLD016

From ARRL Headquarters Newington CT March 20, 1992
To all radio amateurs
SB DX ARL ARLD016

ARLD016 Newly Accredited Today, the DXCC Desk announced that the following operations have been accredited for DXCC purposes. That means that cards for these operations will be accepted for DXCC credit.

VP8CIZ (South Georgia Island) March 1992.
EP/HA5BUS (Iran) December 1991.

From: W1AW@W1AW.CT.USA.NA
To: DX@ARL
Subj: DX Bulletin 15 ARLD015

From ARRL Headquarters Newington CT March 20, 1992
To all radio amateurs
SB DX ARL ARLD015

ARLD015 Top of Honor Roll Today, the ARRL DXCC desk announced that DXCC members that reach the top of the Honor Roll for the first time will be identified each month in QST. This program will begin starting with applications received on or after April 1, 1992.

\$\$ FOR SALE \$\$
!! CLOSED BIDS ONLY !!
- Second and Final Notice -

The **GCARC** has the following item for sale:

90ft, self supporting, sectional bolt together, commercial grade tower

The above item is being sold 'as is, where is' with no guarantee or warranty as to condition. Minimum acceptable bid is \$100. The item is available for inspection by contacting the **GCARC** Club President, Marla Bozarth(N2DWR), or on the 147.18/78 repeater.

All bids **MUST** be received by the **GCARC** no later than 3PM, April 15, 1992. Bids will be opened at the **GCARC** Board of Directors meeting that evening. The highest bidder will be notified no later than Friday, April 17, of the award. Payment must be made prior to removal of the item, and the item must be removed from **GCARC** property no later than May 31, 1992. If payment is not received, or the item not removed by the indicated date, the award will then be given to the second highest bidder.

All bids **MUST** be received in a sealed envelope. No FAX or Verbal bids will be accepted Bids should be mailed to:

GCARC
Attn: Tower Bids
P O.Box 370
Pitman, NJ 08071

Questions about this sale can be directed to the Club President.

Please Note:

Last months notice indicated that the item was to be removed by April 30, 1992. This has been extended, by request, to May 31, 1992!

FOR SALE

Ham IV Rotor and Rotor box 80 ft cable \$250
2- Antennas Mirage KLM 440-27 \$100 each
Power divider available
If interested please call Paul Nasis at (609)468-5545



Get Well Soon!

Rx

We all hope that the following get well soon and back on the air:

John Fisher - K2JF
Carlton Bennett - N2JCB
San Rosenberg - N2DWK
Jim McDonald - N2AJU
Kay Craigie - W12N

HELD!

Our Chairperson, WB2GSF (Harry Jackson), for the "Walk America" Walk-A-Thon has just received word that he is being transferred to Atlanta Georgia. (You lucky dog!) Anyway, the club now needs a replacement Chairperson to head up this activity. Any volunteers? See Marla!!

GOOD NEWS
AND BAD NEWS

Deadline for the May issue of CrossTalk is April 24! That is the bad news..... I think! Anyway, the reason for the early deadline is that I will be attending my oldest daughters wedding the following week, and will have NO TIME to work on the Crosstalk. So try to get the items to me soonest!

Tnx & 73 N2DUZ