

GLOUCESTER COUNTY AMATEUR RADIO CLUB

W2MMD

OFFICERS

PRESIDENT..... MARLA BOZARTH..... N2DWR
VICE-PRESIDENT.. JOE WELLS..... N2KLE
TREASURER..... CHUCK COLABRESE..... WA2TML
REC. SECRETARY.. PETER BUTLER..... KA2DZF
COR. SECRETARY.. JOHN FISHER..... K2JF

DIRECTORS

3YR-Jim Mollica Sr....K2OWE
3YR-Chris Chamberlain.N2IVN
2YR-Ken Bozarth.....KN2U
2YR-Irma Colabrese....N2FNF
1YR-Bob Layton.....KB2COB
1YR-Wesley Gosbin....KB2IRK

TRUSTEES

4YR-Joel Supkow.....KB2AYW
3YR-Milt Marcer....WA2FGA
2YR-Howard Marcer...WA2IBZ
1YR-Virginia Macrie.KA2ZZA

COMMITTEE CHAIRPERSONS

Advertising.....N2KLD	Hospitality.....N2AIV
ARES/RACES.....WA2USI	Legislation.....K2JF
Awards.....K2ZA	Membership.....N2KLD
Banquet.....N2KLD/N2IMK/KB2JCO	Nets.....WA2TOP
Chaplain.....WA2BMQ	Publicity.....WA3UVV
Constitution.....WB2DXB	Repeaters.....WA2TML
Contests.....AA2DJ	Site.....N2AIV
Crosstalk Editor..N2DUZ	Scholarships.....KN2T
Data Processing...K2POD	Special Events....WB2OYQ
DX.....K2JF	Sunshine.....KB2EJA
Field Day.....N2DWR	Technical Site....KN2U
RAMFEST.....KA2DZF/N2KLE	Training/Testing...WA2VOG
Help/Welfare.....N2ILB	Ways & Means.....N2FNF
Hiistorian..... ??	

CLUB REPEATERS

147.780/180 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
anc 224.66/223.06 Repeaters.
10 Meter.....Sundays immediately after the
ARES/RACES Net on 28.350 MHZ.

Miscellaneous Items

Title: Swap & Shop net....Sundays at 8pm

To all 'pac rats' that store all that good ham gear in the the basement, attics, garages. Time to clear it all out, and turn it into cold cash or swap it for something you can use for the shack. Well, Sunday night is the time to do that. Your host an net controller will be, Frank (KM2G). He'll help you get your message out by using 6 repeaters link together(53.090, 145.430, 224.280, 445.575, and 147.255)! Don't miss it....even if you don't have anything to list, you may hear something that you have been looking for. Hear you all there!

Bob/N2MLO

Title: SOLAR CYCLE 22

We are now in month 68 of solar cycle 22. Activity levels were low again, with a total of eight energetic events this month compared to four last month. Like last month only one of these reached major flare classification. Sunspot number and 10.7 cm solar flux continued to fall, leading many veteran solar cycle observers to suggest that this may mark the beginning of the first steep decline from the plateau of high values which have held since the beginning of 1989.

Indications from the past several month's 10.7 cm flux and sunspot number values suggest we've taken our first major decline after solar cycle 22 maximum. Statistical models and previous cycle patterns suggest activity will plateau at this new lower lever before plunging again in several months. Good DXing do it now !

73 John/K2JF

Title: GCARC WAYS & MEANS COMMITTEE FOR JULY 1992

WE HAVE OUR LICENSE FOR OUR 1992 RAFFLES! If you missed the June Meeting, you don't know that it came through just in time to distribute tickets for our first drawing at our new meeting place. We have a license for a 50/50 Off-Premises raffle to be drawn on July 1, 1992 at 9 PM after the meeting. The tickets are a \$1.00 donation and we have 1,000 to sell. If we sell all of them we will give away \$500.00 and the club will make \$500.00. Ticket stubs and money must be returned to a committee member before the July 1st drawing. The committee will be distributing tickets at the September and November meetings for you to buy/sell for drawings to be held at the October and December Meetings. Please help if you can.

And a very special thank you to those who have already given this committee moral support. Ways & Means Committee Members:

N2FNF.....Irma

N2AKL.....Roslyn

N2DWR.....Marla

KB2IRK....Wes

WN2T.....Greg

73, Irma/N2FNF

Title: Paycheck

THE AVERAGE MAN'S BIGGEST PROBLEM TODAY IS THAT HIS PAYCHECK COMES MINUS TAXES, AND HIS BILLS COME PLUS TAXES. YEP! IT'S A JOKE!! THEY TAX FOR THE WATER YOU DRINK, AND THEN TAX (SEWER TAX) FOR GETTING RID OF IT!! IT'S NOT FAIR TO BE TAXED ON BOTH ENDS!!

HI JIM/W2QLI

Title: LICENSE TESTS: MDC & SNJ

**ATLANTIC DIVISION LICENSE TEST SESSIONS
JULY, 1992**

Confirm all information with the contact person before appearing for a test. Tests coordinated by any VEC can be included in future bulletins, if information is sent well in advance by the VE team leader to W3ABC or WT3P to the packet addresses given below or to addresses shown on QST page 8.

>> MARYLAND/DC

JULY 11..... Anne Arundel RC, Davidsonville
Nancy Alisy, 301-781-7112
18..... Laurel ARC, Laurel, 10 AM.
John Creel, 301-572-5124 after 6 (LAUREL)
28..... MD Mobileers, Cape St. Claire, 6 PM.
Pre-registration requested. John Kohl,

>> SOUTHERN NJ

JULY 16..... Bellmawr, 7 PM.
Bill Helmetag, (W5YI)
18..... Jersey Shore ARS, Jackson, 10 AM.
Dave McCauley, (ARRL)
18..... Delaware Valley RA, Pennington, 12:30 PM.
Don Wright, (ARRL)
25..... Cape May Co. ARC, Rio Grande, 10 AM.
Kenneth Horning, (ARRL)

73 and good luck on your upgrade de
Hugh Turnbull, W3ABC, Director Atlantic Division
ARRL @ WA3ZNW
Kay Craigie, WT3P, Vice Director Atlantic Division
ARRL @ WB3JOE

Title: Summer sessions for kids to be hams!

Let's not forget the GCARC's efforts to get kids from 3rd grade thru 12th grade interested in ham radio. The classes are every Monday from 6:30pm to 8pm at the Club Site, beginning June 29th. Contact Marla(N2DWR) or Chick(WA2USI) for more info and to register!

Title: Asian Contest Worked by ?????

Hey, Cliff (N2PLE)! How was the Asian contest? How about giving us some information at the meeting on Wednesday as to how you did?

The Monthly DX Report

By: K2JF/John

CU Azores Islands - CU30C Will be active on all bands CW and SSB starting July 3-5. All QSL's must be sent direct to CU3AN.

KH9 WAKE ISLAND - Jim VK9NS will be active from Wake Island as WRIZ/KH9 Listen for him as follows: 28495, 14222 (after 0500 z), 28025, 14025, and 7010. On cw Jim will start on freq. and then listen up when the Pile-up gets heavy.

VK9W Willis Island - VK9M Mellish Reef Jim VK9NS, reports that the licenses for the proposed Mellish Reef and Willis Island DXpedition has been issued. VK9MM for Mellish, and VK9WW for Willis Island. They are looking for one more operator! Lack of funding is now the only item that will stop this Dxpediton.

VK0 Heard Island - Jim VK9NS notes that he is still working on getting permission to visit Heard Island. He has high confidence that permission to land on the island will be granted. Specific offers of financial assistance are requested and gratefully accepted.

Yugoslavia - For those who enter the WAE contest there will be four (4) Yugoslavian multipliers:

- (1) YU1,5,6,& 7
- (2) YU2
- (3) YU3
- (4) YU4

These are the new sections of Yugoslavia that have been recognized by the U.N.

VK9C Coco(Keeling)Islands - VK9CB is active now from Cocos (Keeling) Islands. This is not a Dxpediton. He will be there for an undeterned length of time. QSL VK6LA.

OX Greenland Wolf - OX/DL3LAB SSB, and ED OX/DK2OY mainly CW will be active from Greenland until July 11. Suggested freqs:
(CW) 3503, 7003, 10101, 14033, 18073, 21033, 24893, 28033
(SSB)14190, 18135, 21290, 24935, 28490
If you work them QSL via DK2OY's Callbook address.

FW Wallis Island - FO4OA will begin a 14-18 month tour of duty on Wallis Island. No call sign mentioned yet, keep a listen for his call /FW.

3D2 Rotuma - Listen for 3D2XV Bing VK9BCH. He prefers SSB and net operations. Listen for him on the HIDXA NET 14222 at 0500Z.

P5 North Korea - The long awaited operation from North Korea is on hold pending furthe efforts by IARU representatives. It is suggested that the 'Deserving' can relax for the next several weeks until a firm announcement is made.



COMPLIMENTARY MEMBERSHIP

We have implemented the complimentary Associate membership program for students in the Bellmawr radio classes. The program is effective beginning with the current spring class. This membership opportunity is only given to students who pass the license exam as a result of completing the Bellmawr course. Instructors provide the following packet of materials to successful students:

- + Club flyer
- + Notice of complimentary membership
- + Application
- + Meeting map

Recipients of the complimentary membership are put on our mailing list for the remainder of the calendar year, and receive a copy of our Constitution and Bylaws, with a new member letter. They have the option of upgrading to Full membership after they receive their callsign. If any Club member would like further details about this program, please give me a call.

73, N2KLD

Doing Anything This Weekend?

Great Hagerstown
Computer Fest

Date: July 11, 1992....10 am to 4 pm

Place: Hagerstown Moose Club
10715 Downsville Pike
Hagerstown, Md.

Just 2 miles from Interstates 70 and 81. Very easy access to fest from both interstates.

Or This Weekend?

FIRST ANNUAL LANCASTER COUNTY
POOR MAN'S TAILGATE PARTY!

Date: Saturday, July 18, 1992

Where: Columbia Drive-in Theatre, Columbia, PA

Cost: \$3 per person, \$5 per carload
(\$1 per car extra if you tailgate)

Directions: From Lancaster, take Route 30 West, get off at the Prospect Road Exit, turn left and go towards Rt. 462 (Columbia Ave.). At the K-Mart, turn right, and watch for the Columbia Drive-In on the right-hand side.

Additional details: This is the inaugural Poor Man's Tailgate Party, and we would like to make this an annual event. At the cost involved to you, how can you go wrong? If you have any "junk" to get rid of, what better place could you go to sell it to someone else to take home? Gates open 8am til 2pm!

QST de W1AW
ARRL Bulletin 54 ARLB054 >
From ARRL Headquarters Newington CT
June 16, 1992
To all radio amateurs
SB QST ARL ARLB054 ARLB054 New form 610

New FCC 610 forms dated March 1992 must be used beginning August 1 by disabled applicants for exemption from the 13 and 20 wpm Morse code requirements for amateur licenses.

The new forms have just become available and are six pages long, with four pages of instructions. The forms now include appropriate spaces for the physician's certification of disability as well as the patient's authorization for release of medical information to the FCC, if requested.

Although all amateurs are encouraged to use the latest FCC Form 610, for all license actions other than the disability exemption any Form 610 dated June 1984 or later is acceptable.

NNNN

--- End of message ---

(Tnx to KF2AW's BBS for the above!)



We will introduce 8 new members at the July General Membership meeting:

Robert A. Budd.....	KB2EAH.....	Tech.....	Monroeville
Henry W. Hammersmith..	N2PKX.....	Tech.Plus...	Marlton
Joanne Hammersmith...	KB2ODK.....	Novice.....	Marlton
Carol Hutkin.....	KB2BLO.....	Tech.....	Voorhees
Bill Mollenhauer.....	N2FZ.....	Extra.....	Pitman
Michael A. Scanzello..	(unlicensed).....		Blackwood
Ronald A. Smith.....	N2BUE.....	General....	Clarksboro
Harry Wolf.....	ND2P.....	Extra.....	Somerdale

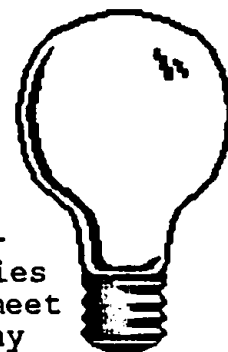
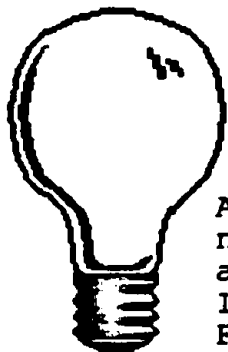
Welcome to the Club!

1992 New Member Count: 25

More on the "RF Lightbulb"

FROM W1AW

Special Bulletin 23 ARLX023 June 10, 1992



A new rf-powered lightbulb design announced recently is not yet in production nor are engineering samples available. Although the manufacturer, Intersource Technologies Inc. of Sunnyvale, Ca., says the bulbs are expected to meet FCC Part 15 rules regarding incidental interference, many radio amateurs have expressed concern about the bulbs.

A spokesman for General Electric Company's lighting division, quoted in the Washington Post, said GE felt the idea was not marketable at this time, citing concerns about possible interference to radio receiving devices, among others.

Tom Moore, a spokesman for Intersource, said the company had received a number of calls from amateurs, mostly neighbors in Silicon Valley, many of them offering to "beta test" bulbs when they become available. Moore said he expects that the bulbs will have to be FCC type accepted. When asked about the possibility of a nearby transmitter lighting up one of the bulbs, he said it was Intersource's belief that it would take a transmitter many times the power of an amateur radio set to be able to do so.

The bulbs, as currently envisioned, would operate at 13.56 Mhz, within the "Industrial, Scientific and Medical" band.

25 watts of rf power would produce the same amount of light that an ordinary 100 watt incandescent bulb does. The bulbs would use a crystal oscillator, power amplifier, and a coil-type antenna to "couple high frequency electrical energy into a mercury vapor plasma."

The ARRL technical department will conduct tests on sample bulbs as soon as they are available.

(The above is from the ARRL via *Prodigy Services* from N2DUZ)

The input for the August edition of the
of the G.C.A.R.C. Crosstalk is
due to the editor by
July 26, 1992

Tnx N2DUZ/Editor

Related Sympathies

From the GCARC membership to KB2DQN, Morris Pollack and his wife, who lost their son, David, in April.

TNX to KB2DHQ, Jerry
for bringing this to our attention

GCARC, Where Are You?

KB2DHQ, Jerry, has been acting as the 10 Meter Net Control for the Sunday night 10 Meter Net, and is reporting that he is getting lonely out there. It has gotten to the point that he has more check ins from out of state, than GCARC members.... particularly the newer members with Novice and Technician licenses.

This is the place to come and chat with others; to get over your 'mic shyness' (what is that?). To learn, as well as practice, good operating techniques. If you're going to make a mistake, it is better to make it with friends than with some 'hard nose, know-it-all' who reads you the riot act on the air!

Anyway, come on out, and tune up on 28.350 immediately after the Sunday evening ARES/RACES Net. Schedules for the nets are on the inside of the front cover of every issue of Crosstalk!

FOR SALE

The following items are for sale by the owner, KR1M(Steve):

KENWOOD TH-27 AT.....2 meter handheld.

Loaded with features, including speaker mic and extra battery pack.....\$300

YAESU FT-208R 2 meter handheld & YAESU FT-708R 440Mhz Handheld Speaker mic., Cigarette lighter charger/power supply, Desktop charger, 4 extra battery packs..... \$400 for everything

YAESU FT-203R 2 meter handheld. Looks like an Icom IC-2AT. Thumbwheel switch frequency selection, 2.5 Watts out, TT pad and "s" meter. Includes VOX headset.....\$100

For more information, please contact WA2TML(Chuck), who is acting as local contact for KR1M.

July 1.....General Membership meeting!

July 4.....Independance Day!

July 11.....Hagerslown Computer Fest

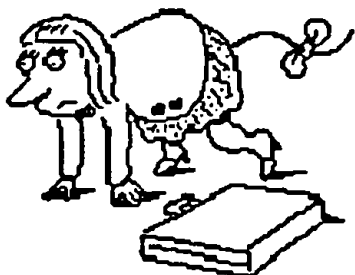
July 12.....Computer Show, Garden State Race Track

July 18.....Lancaster Tailgate Party

July 23,24,25...4H Parking

July 26.....Input deadline for August Crosstalk!

Due to family and Club responsibilities which resulted in a lack of free time this month, the Club President was not able to prepare a message. Hopefully things will straighten out for Marla and her family next month!



The Rat Race

Hang in there Marla & Ken!!



The Burden of Responsibility

Best Wishes to.....

- + Jean Mollica, XYL of K2OWE (Jim), who is in the hospital for a short stay.
- + Carlton Bennett (N2ILB) who is also in the hospital.

To both of you, and anyone else we missed, **Get Well Soon!**

To paraphrase one of our country's past Presidents:

"Ask not what your club can do for you,
but rather ask what you can do for your club!"