

# GLOUCESTER COUNTY AMATEUR RADIO CLUB, W2MMD

## G.C.A.R.C. OFFICERS

PRESIDENT  
VICE PRESIDENT  
TREASURER  
REC. SECRETARY  
COR. SECRETARY

NORM CONNELLY  
MARLA BOZARTH  
CHUCK COLABRESE  
MARY ELLEN WELLS  
RICH GRAVES

WA2BMQ  
N2DWR  
WA2TML  
N2KLD  
N2ITX

## DIRECTORS

3 YR. KEN BOZARTH	KN2U
3 YR. IRMA COLABRESE	N2FNF
2 YR. BOB LAYTON	KB2COB
2 YR. FRANK MALINOWSKI	KE2NY
1 YR. CHRIS CHAMBERLAIN	N2IVN
1 YR. MIKE LIPNITZ	N2FKS

## TRUSTEES

4 YR. MILT MARDER	WA2FGA
3 YR. HOWARD MARDER	WA2IBZ
2 YR. VIRGINIA MACRIE	KA2ZZA
1 YR. JIM CLARK	KA2OSV

## COMMITTEE CHAIRPERSONS

ADVERTISING	-----
ARES/RACES	WB2LNR
AWARDS	K2ZA
BANQUET	N2DWR
CHAPLAIN	WA2BMQ
CONSTITUTION	WB2DXB
CONTESTS	KB2IQP
CROSSTALK EDITOR	KB2AYU
DATA PROCESSING	KB2COB
DX	K2JF
FIELD DAY	KB2FRM
HAMFEST	N2KLE
HELP/WELFARE	N2ILB
HISTORIAN	-----

HOSPITALITY	N2AIV
LEGISLATION	-----
MEMBERSHIP	WB2G5F
NETS	WA2TOP
PUBLICITY	N2DWK
REPEATERS	WA2TML
SITE	KB2GTV
SCHOLARSHIPS	WN2T
SPECIAL EVENTS	-----
SUNSHINE	KB2EUA
TECHNICAL	KB2AYU
TRAINING/TESTING	WA2VOG
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 ... EVERY SUNDAY AT 2000 HRS. ON THE 147.78/18 AND 224.66/223.06 RPTS.  
10 METERS ..... EVERY TUESDAY AT 2100 HRS. ON 28.350 MHZ.

\*\*\*\*\* NOTICE \*\*\*\*\*  
Because of its proximity to the Fourth of July Holiday, the Club Meeting will not be held on the first Wednesday of the month as usual. Instead, the Meeting will be on:  
WEDNESDAY, JULY 10, 1991; 2000 HOURS SHARP;  
AT VFW POST 2117, WOODBURY HEIGHTS, NJ.  
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## President's Message

July 1991

Hi, everybody. Well, another milestone for a great club. What a fantastic Field Day we had this year! Yep, your club was out there just pouring on the charm for all the contacts it could muster up. Of course, some people poured on a little more charm than others--didn't they, Marla? All I kept hearing when I visited her station was -- "Ok, everybody, stand by--just the YL, please...Stand by everybody for the YL." There oughta be a law! Really, all the stations were being kept pretty busy most of the time and the club racked up quite a number of points, I would say. Your President even got into the act for a while--but I had to quit cause I couldn't keep up the falsetto voice trying to compete with Marla.

My sincerest thanks to all who helped make this Field Day such an exciting event. I couldn't possibly mention everyone who was involved without missing somebody important, so I'll just say "Thanks, everybody." I would be remiss, though, if I didn't say a special thanks to all the wonderful ladies who helped us all add some inches to our waists and some pounds to our frames with all the GREAT FOOD. The meatball sandwiches and Marla's ribs were really G-G-G-G-REAT. Boy, my mouth is still watering. Thanks, Ladies! Hope some of you who couldn't come out this year will really give it a try next time...it really IS a lot of fun. And, don't forget to check out the pictures and blurb in the Tuesday, June 25th edition of the Gloucester County Times. Golly, what cute little mugs they have.

And, some more thanks. To all of you who worked so very hard selling all those 50/50 tickets. And, a special thanks to our Ways and Means Committee who worked so hard and made me just the happiest President. See, I told you we could pull this thing off if everybody would just do a little. \$600+ dollars for the Club. You really are to be commended. As Tony the Tiger says, "You're G-G-G-G-G-REAT!!!"

Ok, gang, what else is new? Let's see...Oh yea. Marla is planning another one of her famous (or infamous) Bowling Partics. Yep, Friday night, July 26, 7:30 to 11:30 pm at the Woodbury Lanes across from the Southwood Shopping Center. Beats going all the way out to La Martinique. What say, come on out and toss a couple of round ones at all those pins. How can you miss--there are ten of them down there. C'mon, get rid of your frustrations...you can even make believe the pins are your spouse...or maybe your President? Yikes!

Ok, ok. Two very important events coming up in the near future. We've got the 4-H parking on the 25th, 26th and 27th of July and the Hamfest on August 25. Now, I'm really serious when I say that we need some help to cover this 4-H parking.

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We budgeted a sizeable chunk of income in our budget from this parking and I'd hate to see us go down the tubes on this one. So, anyone who can come out to help would sure be doing the Club a big favor. I'll leave it at that but if you think you can help out, please call Marla or me soon. And, don't forget to push those tickets for our HAMFEST! Good attendance at that function goes a long way in helping to pay our bills. Joe (N2KLE) has been doing a very fine job so far but he's relying on our help in getting people to attend. So, how about it? We have close to a couple of hundred members and if each of us just sold five (5) tickets, we could really pack that place and make some bucks. Sound just like a typical preacher man, don't I?

And finally, here's a good piece of news for you. Remember how I keep telling you how great you are. Well, it's true and here's proof. Since the beginning of the year, fifteen (15) new members have joined our club. Fifteen! And, most of them have told me how much they enjoy coming out to the meetings and other functions. See, I wasn't just pulling your leg. We've got a lot of good people in this club and more than a good share of talent. We are the Number 1 Club in the Atlantic Division and don't you forget it! We're GREAT --and we're getting better.

Enjoy those vacations, everybody. You earned them. Bless ya!

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### JUNE MEETING MINUTES

The GCARC held its monthly meeting on June 5, 1991, at the VFW Post in Woodbury, New Jersey. WA2BMQ called the meeting to order at 20:00 hours. N2DWK motioned to dispense with reading the previous minutes. Motion seconded and approved. Treasurer's Report was approved as read.

**CORRESPONDENCE:** Scholarship responses

**VISITORS:** ARRL Section Manager, Bruce Eichmann (KE2OP); SJRA President, Wes Sammons (W2YRW)

**COMMITTEE REPORTS:**

**BANQUET:** The Banquet will probably be held at the Dutch Inn again. We need to set a date.

**FIELD DAY:** Still trying to obtain a port-a-potty. N2AKL noted the need for additional food help and food donations. KA2DOT discussed antenna setup.

**HAMFEST:** Have received ARRL approval. Need more members to serve on various committees.

**NETS:** WA2TOP reported that Ray (AI2B) checked in from Florida for the 10-Meter Net recently. On Monday, WA2TOP did a radio demonstration for two fourth-grade classes of Glassboro students, during a field trip. It went very well, and he recommended the idea to other Club members.

**REPEATERS:** N2FKS worked on the 2-meter repeater last night. It's working better now, but still has a problem. He is also modifying some used equipment for the 440 repeater.

**SITE:** Water pump is working again. Scheduled a work party for this Saturday at 10:00 a.m., to remove large rocks.

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**WAYS & MEANS:** N2FNF suggested selling the \$2.00 raffle tickets at tonight's meeting, instead of the regular 50-50 tickets. We will do the drawing at the end of the meeting.

**SCHOLARSHIP:** After receiving a poor response to our January mailing to Gloucester County public and private schools, we broadened requirements to include Computer Science and Computer Technology fields. As of today, we've had four responses.

**DX:** K2JF gave a report, and reminded everyone that he has QSL books.

**OLD BUSINESS:**

**KITE FLY:** WA2MBQ thanked N2DWR for arranging this event, which was a big success.

**SITE WATER:** WA2BMQ thanked WA2TOP and KB2ETV for their help in fixing the water pump before the 4-H replaced it.

**NEW BUSINESS:**

**TELEPHONE FILTER:** K2JF suggested we authorize K2OWE to order a supply of the parts for his telephone filter. Anyone who wants parts to assemble this filter should sign up tonight, indicating how many filters they need. W2GSN will keep the sign-up sheet.

**ARRL:** Bruce Eichmann alerted us to the fact that a rumor has been circulating, stating that South Jersey will secede from the Atlantic Division, and become part of the Hudson Division. This is not true. If anyone finds out who the originator of this rumor is, please notify KE2OP.

**SJRA 75TH ANNIVERSARY:** Wes Sammons noted various events, including K2AA's being on the air, operating on all bands, from Saturday until June 16, as a Special Event Station. Special QSL's will be available on request. Gala Dinner is on June 15 at the Cherry Hill Inn. All stations who contact K2AA during Field Day will also be able to receive a special QSL card on request. If any questions, contact him

**CONTESTING:** K2JF noted that, if your license is posted at the site, you can use your own call, not W2MMD, when operating at the site.

**ARC:** N2DWR, on behalf of the Association of Retarded Citizens (ARC), presented W2GSN with a certificate in recognition of his support. The Club was also awarded with a certificate and a plaque. Also, the ARC is asking for our assistance in connecting the public address system, as usual, for their Warm Christmas Celebration on July 25 at Camp Sun & Fun in Williamstown. Club members and their families are invited. The event is from 11:00 a.m. to 3:00 p.m.

**MARCH OF DIMES:** The WalkAmerica Celebration and Awards Reception will be held June 12 starting at 6:00 p.m., at the Racetrack. If anyone is interested in attending, see N2DWR.

**NEW MEMBER:** Mike Sapio (N2MEN).

**OUTSIDE COMMUNICATIONS:** WA2BMQ read letters he recently sent to the 4-H, Gene Bond and Russ Glans, which were written to resolve several issues.

**4-H PARKING:** The 4-H Fair will be held July 25, 26 and 27. We need someone to set up a schedule for parking.

**JULY MEETING:** At KB2EUA's suggestion, the July meeting will be held on the 10th rather than the 3rd. It will still be at the VFW. A notice will be placed in Crosstalk.

**50-50 DRAWING:** The Ways & Means Committee collected \$1,204.00. KE2OP drew the winning ticket, #1030, sold by KB2EAL, to Lony D'Amico of Somerdale, for a prize of \$602.00. Next raffle drawing will be in October.

K2JF motioned we adjourn. Motion passed. Meeting adjourned at 21:20 hours.

Respectfully submitted, N2KLD, Recording Secretary.

## A SPECTACULAR SOLAR ECLIPSE

For those who have always wanted to visit Hawaii but never had a good excuse, July 11 is a great time to go. That's because Hawaii is one of the two prime observing spots for what promises to be the best solar eclipse of the 1990s.

A solar eclipse is perhaps the most impressive of all astronomical events, and we owe it all to fortuitous coincidence. Once about every six months the Moon passes directly between Earth and the Sun. The coincidence is that although the Sun is about four hundred times larger than the Moon, it is also about four hundred times farther away, so the two objects appear nearly the same size in our sky. As a result, during a total eclipse the Moon just covers the solar disk.

When that happens, the Moon casts a shadow on the Earth's surface. Unfortunately the shadow covers only a narrow strip of Earth. For those in the path of the shadow, the early partial phases of the eclipse are mere prelude. In the seconds just before the Sun is completely engulfed, viewers see the last vestiges of the Sun's light peeking between mountain peaks on the Moon's limb, a phenomenon known as Bailey's Beads. During totality stars pop into view as the sky is plunged into near-darkness.

The July 11 eclipse begins in the Pacific Ocean west of Hawaii and moves ashore on the Big Island about 7:30 a.m. local time. At 11:45 a.m. local time the shadow crosses the southern tip of Baja California. Totality lasts almost seven minutes there -- nearly the maximum length of time possible for a total eclipse. The Moon's shadow races on through central and southern Mexico, down the Pacific coast of Central America, and into Colombia. Finally it crosses into the Brazilian rain forest and then leaves Earth just short of the Atlantic Ocean.

Planets this month:

Mercury visible in evening twilight. Venus sets at 8 p.m. Mars sets at 10 p.m. Jupiter sets at 10 p.m. Saturn visible all night.

I hope you all had a nice time looking at the Planets conjunction last month. That will not happen until another 120 years from now ( the year 2111). So hope you got it this time around. Trx K2JF

### 1991 HAMFEST TICKETS

THE 1991 GCARC HAMFEST TICKETS WILL BE AVAILABLE AT THE GENERAL MEMBERSHIP MEETING. PLEASE STOP BY THE TABLE AND PICK UP SOME TICKETS TO SELL. TICKETS WILL BE MAILED ONLY TO THOSE MEMBERS REQUESTING THEM. TICKET MONEY AND ANY UNSOLD TICKETS SHOULD BE TURNED IN NO LATER THAN THE MORNING OF THE HAMFEST, SUNDAY AUGUST 25, 1991.

IF YOU CAN NOT ATTEND THE JULY OR AUGUST MEETINGS, PLEASE CALL THE HAMFEST HOTLINE AND LEAVE YOUR NAME, ADDRESS AND THE NUMBER OF TICKETS YOU WANT, AND THEY WILL BE MAILED TO YOU.

JOE WELLS, N2KLE, HAMFEST CHAIRMAN

## DX REPORT

The 'HOT' news this month was that Romeo YA0RR was at Easton and West Chester PA, Thursday and Friday (27 & 28) checking QSL cards and talking about his new adventure to XZ MYANMAR (BURMA). If you remember he was 3W3RR & YA0RR. We all wish him well.

XQ0X SAN FELIX is still on the air despite the rumors that the Lobster-Man left. Try 28450 MHz in the evening.

ZF2JI CAYMAN ISLANDS John K4IIF will be active during the IARU HF Radiosport Contest. He will be active on 80-10 but no WARC bands.

P40Z ARUBA will be active from July 10 -23, on 80-10 and will be in the IARU Contest.

OX91REF GREENLAND will be on July 1 to August 31. Part of a scientific team and will have a 6 meter beacon on 50.100 and will sign OX91BCN. Will work the usual DX slots.

C6AFQ BAHAMAS (ABACO IS) will be active from July 1-16, he will work 90% CW. Jim K1TN QSL Mgr.

C U in the Pile-Ups JOHN K2JF >

### DID YOU KNOW ??

That on July 2 in 1897 Marconi, failing to arouse interest in his native Italy, took his graphite coherer and spark wireless system to England, where he applied for a British patent. He established the Marconi Wireless telegraph Co. in England the same year.

On July 30 1872 Mahlon-Loomis of Ohio appears to have been the first to conceive of the "antenna" as an essential part of a wireless telegraphy system. He conducted experiments in 1866, using kite-supported antennas between mountaintops 14 miles apart.

July 1, 1966 Medicare went into effect

July 2, 1776 Resolution to adopt Declaration of Independence

July 8, 1776 First Public Reading of Declaration of Independence

July 16. 1945 First Atomic Bomb tested

Ice cream is such a favorite food for people of all ages that America produces nearly 800 million gallons of it every Year. That's about 15 quarts per year per person. (Breyers Co.)

July is the peak month for blueberries. (NJ ARIG. FIELD OFFICE).

According to Native American legend, the pop in popcorn came from a mad as heck demon hidden inside. The real secret is water. The water in the center of every kernel is hidden within a tiny blob of soft starch. When corn is heated, the water gets hot and turns to steam. Pressure rises until the kernel explodes, releasing the steam. The blob of starch gets stretched as the kernel blows open. The result? Fluffy popcorn. Trx K2JF

## BOWLING PARTY

BOWLING PARTY ON JULY 26TH, 7:30 - 11:30 P.M. AT THE WOODBURY PLAYDROME ON ROUTE 45. WE HAVE 8 LANES RESERVED...THE COST DEPENDS ON THE NUMBER OF PEOPLE THAT COME OUT....IT'LL BE AROUND \$5.00 A PERSON IF THERE ARE 5 PEOPLE ON A LANE....SODA AND SNACKS WILL BE PROVIDED, UNLESS YOU WANT TO BRING SOMETHING SPECIAL. (LIKE BARBS' GREAT PASTA SALAD!!)

GIVE ME A CALL IF YOU'RE GONNA COME OUT....MAYBE WE CAN FORM A LEAGUE THIS WINTER IF ENOUGH ARE INTERESTED....73S, MARLA.

### FOR SALE

Sony ICF-2010 150khz to 30mhz Shortwave Receiver with FM Stereo and Aircraft Bands. AM/USB/LSB with 40 memories and clock. Sleep and on/off timer modes. Includes carrying case, AN-1 Active Antenna, and power supply.

Asking \$250 or swap for Cushcraft AOP-1 Oscar Antenna set and elevation rotator. Contact John Zaruba Jr., AA2BN, after 6 pm.

### BANQUET NEWS

WELL, HERE WE GO AGAIN....THE G.C.A.R.C. INSTALLATION OF OFFICERS AND AWARDS DINNER WILL TAKE PLACE ON JANUARY 11TH AT THE DUTCH INN. I CAN'T QUOTE YOU A PRICE YET BECAUSE I'M NOT SURE YET OF THE MENU. I'D LIKE TO FIND OUT IF THE BUFFET MEAL WE'VE HAD IN THE PAST IS ALRIGHT, OR IF YOU'D LIKE TO TRY A SIT DOWN MEAL AS OF TODAY I HAVEN'T RECEIVED A MENU, SO I CAN'T TELL YOU THE CHOICES, BUT AS SOON AS I FIND OUT, I'LL SPREAD THE WORD AROUND. SO PLEASE, MARK DOWN THE 11TH OF JANUARY. HOPE TO SEE YOU THERE....MARLA

### DO YOU REALIZE WE ARE IN JEOPARDY FROM THE FCC.

There is a very powerful article in the latest QCWA JOURNAL indicating that the FCC is considering, among other things, the possibility of lowering the maximum power allotted to the Amateur Service. Not so long ago the FCC was considering modification and updating of Part 97 of the Rules. Among the proposals was one which would have permitted the FCC to restrict an amateurs operation, EVEN IF HE WAS TECHNICALLY IN COMPLIANCE, in the event of interference complaints from the public. If you wish more information on this contact John, K2JF>

## GET WELL !!

Get well wishes to Miriam Kravitz, KB2EUA, our Sunshine Lady, who was recently (and still is) hospitalized at Underwood Hospital. Our thoughts, prayers and good wishes for a speedy recovery are with you.

### Editors Notes

Can somebody tell me what happened to the month of June? It disappeared! I guess the busier you are the faster time flies. So, as you can probably tell, I've been busy! Between my tower project, work schedule, field day, and getting this paper out, I haven't had a minute to spare. I'm sure that I'm not the only one who is busy!

There are a few items that I won't have time to get into the paper this month. I'll try to get them in next month along with a field day pictorial.

I hope everyone is having a nice summer. 73 AI, KB2AYU.