

GLoucester County Amateur Radio Club, W2MMD

CLUB MEETING

WEDNESDAY, MAY 1, 1991; 2000 HOURS SHARP;  
AT VFW POST 2117, WOODBURY HEIGHTS, NJ.

**President's Message - May 1991**

G.C.A.R.C. OFFICERS

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COMMITTEE CHAIRPERSONS

ADVERTISING  
ARES/RACES  
AWARDS  
BANQUET  
CHAPLAIN  
CONSTITUTION  
CONTESTS  
CROSSTALK EDITOR  
DATA PROCESSING  
DX  
FIELD DAY  
HAMFEST  
HELP/WELFARE  
HISTORIAN

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WB2LNR  
K2ZA  
N2DWR  
WA2BMQ  
WB2DXB  
KB2IQP  
KB2AYU  
KB2COB  
K2JF  
KB2FRM  
N2KLE  
N2ILB  
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HOSPITALITY  
LEGISLATION  
MEMBERSHIP  
NETS  
PUBLICITY  
REPEATERS  
SITE  
SCHOLARSHIPS  
SPECIAL EVENTS  
SUNSHINE  
TECHNICAL  
TRAINING/TESTING  
WAYS/MEANS

N2AIN  
-----  
WB2GSF  
WA2TOP  
N2DWK  
WA2TML  
KB2GTV  
WN2T  
-----  
KB2EUA  
KB2AYU  
WA2VOG  
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.

Well, here I am again gang – back and refreshed from a most delightful vacation in sunny Florida. Wish I could have taken each of you with me because you deserve the vacation as much as I do.

Some of you have been as busy as beavers. I've gotten some excellent reports from several committees. Irma and her Ways and Means group have really done some running lately. They've gotten all the licenses they need for the raffle, the tickets are printed and they're all ready to go. Now, here's where you all come into the picture. The club desperately needs you to sell tickets – lots and lots of 'em. You see, for every ticket we sell, we make a buck. Not bad, eh? It's terrific IF we sell the tickets. So, what say, let's really get out there and really move those tickets. We could make a nice little bundle (sorry, that's the clergy in me coming out). If it were a collection, I could really make a bundle.

Hey, we picked a fireball for the Hamfest this year. Joe (N2KLE) has been letting no grass grow under his feet. I've already seen some very fancy poster work; ideas have been tossed around concerning ticket prices and prizes and, generally speaking, things are really beginning to get off the ground. I can see a great Hamfest coming up this year. Keep it going, Joe.

Much has also been done for the Field Day. Most of the bands are covered already and the team's making plans for their meeting soon. Won't be long before we hear the familiar sounds at the site of the spittin' and sputterin' of the ole generator. And then the familiar, C Q Field Day. I invite all of you to come out and spend a few hours this year just having a ball. And if you want to help out, just get in touch with the big guy, Earl McNelly (KB2FRM).

Boy, your President and Vice President are really getting into this ham radio stuff now. Marla and I have joined the O. O. staff (that's Official Observer -- pretty heavy stuff, eh). Now watch, I'll be the first to goof and Marla will nail me. Actually, the ranks were pretty thin for the Southern N J section so this will really help Bruce Eichmann and the other two guys.

Remember, our next club event is the Kite Flying Day on Sunday, May 19, at 1PM at the Club Site in Mullica Hill. Bring the kiddies and kites and let 'er rip. (These puns are getting worse all the time.)

In closing, I heard I missed a zinger of a session by John Fisher at last month's meeting. Sorry, John, but just couldn't pass up that Florida trip. But I heard it was very good. Just proves that a technical talk can still hold our interest. Remember, I'd like to see some more tech talks in September and October. So, come on all you tech buffs. We need your help.

Keep up the great jobs you're doing, everybody. Exciting things always happen when you're working with exciting people and that's what I like about working with the people in this club. All your efforts certainly make a President's job much easier. Thanks—you're all GREAT!

## APRIL MEETING MINUTES

The monthly meeting of the GCARC was held on April 3, 1991, at the VFW Post in Woodbury, New Jersey. The meeting was called to order at 20:00 hrs. by N2DWR. Minutes of the previous meeting were read and approved. Treasurer's Report was read and approved. Will distribute remaining membership cards after the meeting. WA2TML also asked members to send any Club bills to him as soon as possible, for payment.

**CORRESPONDENCE:** No report.

**VISITORS:** Mike, Dick, Ray (A12B) and Dan.

**UPGRADES:** Diane (N2LCQ) upgraded to Advanced.

### COMMITTEE REPORTS:

**HAMFEST:** Received ARRL paperwork. Will send fairgrounds reservation deposit. Flyers (with map) to be printed soon. Will soon be holding a Committee meeting at the site.

**MEMBERSHIP:** Announced Ginny Wallace (KB2JCQ) as new member.

**REPEATERS:** 440 Repeater was off frequency; WA2TOP reset.

**SITE:** Heater tank has been painted and prominently marked "Kerosene." Water pump is not working.

**SPECIAL EVENTS:** WB2OYQ needs coordinator and volunteers for Super Cities Walk on April 7 (morning). Woodbury Parade to welcome home the troops is also on April 7 (afternoon). Jaycees Bike-a-thon is on April 21 (W2GSN); March of Dimes WalkAmerica is on April 28 (WB2GSF).

**WAYS & MEANS:** Tickets for drawing should be available for May meeting; drawing will be at the June meeting. N2FNF took names of members interested in selling tickets, and amount of tickets each will need.

**DX:** Reported current activity. John Fisher (K2JF) and Jim Mollica (K2OWE) have qualified for the DXCC Mixed Honor Roll. Their calls will appear in the June 1991 issue of QST.

**OLD BUSINESS:** None.

**NEW BUSINESS:** Will hold a white Elephant Sale at the June meeting. Club gets 10% of sales. There will be a Kite Flying Contest on May 19 at the site. Planning a Phillies baseball game outing for September 15.

WA2TOP motioned to adjourn. Motion passed. Meeting adjourned 20:45 hrs.

**PROGRAM:** K2JF lectured on RF interference, and discussed FCC inspections.

Respectfully submitted, N2KLD, Recording Secretary.

## America's First Manned Flight

The United States took its first small step toward the Moon thirty year ago this month. On May 5, 1961, Alan Shepard became the first American to fly in space as he rode his cramped Mercury capsule to an altitude of 116 miles before splashing down in the Atlantic Ocean 302 miles from Cape Canaveral launch pad.

Although Shepard's flight was brief - about fifteen minutes - it represented a major technical and political breakthrough for the American space program. America needed a breakthrough to keep pace with the Soviet space program. Cosmonaut Yuri Gagarin became the first man to fly in space on April 12, 1961, completing one full Earth orbit.

In the meantime the American program was floundering. Just ten days before Shepard's flight an unmanned Mercury-Atlas vehicle was destroyed by ground controllers when it veered off course. With Gagarin's triumphant orbital mission, the United States was forced to play catch-up once again.

NASA chose Shepard, a thirty-seven-year-old Navy Lieutenant Commander to make the first suborbital flight. His "Freedom 7" spacecraft was lofted into space by a Redstone booster. The Redstone ignited at 9:34 a.m. on May 5, and by 9:50 Shepard was bobbing atop the Atlantic waiting for the recovery ship U.S.S. Lake Champlain.

Shepard suffered no ill effects from his brief exposure to the space environment, setting the stage for longer orbital flights in the years to come. More important, his mission gave President John F. Kennedy the confidence to set a tough goal for the U.S. space program. On May 25, Kennedy committed the United States to landing a man on the Moon by the end of the decade.

Were you born yet? How old were you on that date? Just think what has happened to our Space program since then and the landings on the Moon. Trx K2JF>

### WAYS AND MEANS COMMITTEE for MAY 1991

WE HAVE IT! It took much running ( most of it by Marla - Thanks ) but we received our raffle license on April 9, 1991.

We have a license for a 50/50 Off-Premises raffle to be drawn on June 5, 1991 at 9 PM. after the meeting. The tickets are a \$2.00 donation and we have 1000 to sell. If we sell all of them we will give away \$1000.00 and we will make \$1000.00. The committee will be distributing the tickets at the May 1, 1991 meeting for you to buy and or sell. If you can't attend the meeting and would like tickets, please contact a member of the committee and we will mail them to you.

Tickets stubs and money must be returned to a committee member before the June 5th drawing. Please help if you can. And a very special thank you to those who have already given this committee moral support. 73, N2FNF

Ways and Means Committee Members:

KB2FRM, Earl      KB2JKD, Almeida  
N2AKL, Roslyn    N2DWR, Marla  
N2FNF, Irma      WA2TML, Chuck

## THE FAITHFUL FEW

When the meeting's call to order  
And you look around the room,  
You're sure to see some faces that  
From out the shadows loom;  
They are always at the meeting, and  
They stay until it's through -  
The ones I would mention are  
The Always Faithful Few.

They fill the many offices, and  
Are always on the spot,  
No matter what weather, though  
It may be awful hot;  
It may be dark and rainy,  
But they are tried and true -  
The ones that you can rely on are  
The Always Faithful Few.

Submitted by C Sketchley, K2PQD

There are lots of worthy members  
Who will come when in the mood,  
When everything's convenient, they  
Can do a little good;  
They're a factor in the meeting,  
and are necessary, too -  
But the ones who never fail us are  
The Always Faithful Few.

If it were not for these faithful,  
Whose shoulders at the wheel  
Keep the institution moving  
Without a halt or reel;  
What would be the fate of meetings,  
Where we claim so much to do?  
There surely would be failures but for  
The Always Faithful Few.

- Author Unknown

## TO NEW NO-CODE HAM LICENSEES: LIKE IT OR NOT, WE HAVE TO PROVE OURSELVES

Many of us were greatly pleased when the FCC -- finally -- approved the no-code ham license. It's been a long battle for those who remember the no-code proposals of 1976 and 1983 which were shot down by the massive opposition of already-licensed Amateurs. When the no-code license came, it brought a range of privileges that many thought would come only after many more years. And now, anyone can find their nearest Volunteer Examiner session, take a written test, and walk out knowing a license will soon be in the mail.

It sounds like the battle is won for no-code proponents. Legally, that is true, but I submit that the REAL battle has just begun. That is the battle for full acceptance of no-code licensees by the rest of the Amateur community. The outcome of that battle is, I believe, completely in the hands of the new, no-code hams. My own recent experience illustrates the danger that Amateur Radio could become divided into two warring, or at least non-cooperating, camps.

First, a little of my background. I've been interested in electronics and radio for more than 30 years. While I love radio, I've never had any use for Morse Code, and, though I've learned the characters several times, I never built up much speed before boredom set in and I quit practicing. I will, however, hold up my technical credentials against those of any Amateur. Some years ago, I passed the exam for an FCC First Class Radiotelephone license with radar endorsement, and have held my commercial license ever since. Through the years, I've known a number of people with FCC commercial licenses and degrees in electrical engineering who, like me, would have been hams but for the boredom of Morse Code.

I always said I'd be first in line for a no-code license, and, a few days after the new rules went into effect, I took and passed the no-code Technician exam. As someone who has long considered himself a friend of Amateur Radio, I looked forward with pleasure to the day I would get a ham ticket. I suppose it was rather naive, considering the controversy over no-code, but I presumed I would be welcomed into what the ARRL likes to call the "fraternity." That was not the case.

I went to a radio club that was giving exams and joined a number of people taking tests for new licenses or upgrades. I was favorably impressed with the professionalism with which the club ran their exam session. That impression, however, was soon destroyed. At the end of the session, the examiner who appeared to be in charge started muttering about the ham bands turning into "CB City" as soon as he saw my paperwork. When I was called to hear the results of my exam, one examiner congratulated me, saying "You're now a Technician." The other examiner quickly chimed in, though, adding a snide "of sorts." Then came the words that stung: "...or a Cber." A day I thought for years would be one of pleasure turned into bitterness, and I left wondering if I really wanted to be a ham after all.

I suspect I'm not the only new Technician awaiting a license who has heard similar remarks. And I no longer think those remarks will be absent when my license comes and I get on the air.

Upon reflection, it became obvious to me that those remarks indicate a very deep-seated suspicion on the part of many present Amateurs. Why else would otherwise

continued

## FCC Gives First Impressions Of Amateur "Power Audits"

The FCC on April 5 released its preliminary conclusions from "power audits" conducted February 26 and 27.

The conclusions were based on visits to 209 amateur stations, according to the Commission. Most were selected at random but 31 were chosen because "they were subjects of interference complaints" (interference to home entertainment electronics equipment - ed).

The FCC made observation of the communications conducted at the power level usually used by the station, and then made similar observations with the power reduced by one-half or more,\* the Commission said in a press release.

The FCC noted the following "findings":

- \* 75 percent of the stations experienced no degradation in communications capability when the power was reduced by more than half;
- \* Lower power resulted in reduced interference to home electronic entertainment equipment in one-third of the cases;
- \* 70 percent of the amateur operators interviewed stated that their stations normally transmit with less than 200 watts of transmitter power;
- \* Approximately two-thirds of the stations reported to be the source of interference to HEE were transmitting with 100 watts or less.

friendly people insult someone they've never met just because he wanted to join their hobby? Why, with commercial interests greedily eyeing Amateur bands as "underutilized" spectrum, would Amateurs discourage new operators whose very presence on the air can help preserve their hobby? The answer has to be that they deeply fear a degradation of the quality of operation on the Amateur bands.

Because of this, I realize that I and all other no-code Amateurs will be on trial before the rest of the Amateur community for some time to come. Every time we key a mike, we'll be under a microscope. If we are to win the acceptance of the Amateurs on the air today -- and I believe it is vital to the future of the Amateur Service that we do so-- we must insure that our every action related to Amateur Radio is absolutely above reproach. We must set impeccable standards of proper, courteous, efficient operating, for every lapse by a no-code licensee will be magnified into proof that we are turning the bands into another CB.

Let's rise to the challenge. I know that many, if not most, of those coming into Amateur Radio through the no-code license are very highly-qualified technically. Let's make sure that our procedures and courtesy leave nothing to be criticized by other Amateurs. If you've just gotten a no-code license, please spend the time to learn proper Amateur procedures, either by reading books on Amateur Radio or by monitoring the bands for a while before transmitting. And let's be courteous to a fault.

If you did spend time on CB, please. PLEASE purge your vocabulary of all CB lingo before going on the Amateur bands. A few "good buddies" or "ten-fours" can set us all back for years.

After we've shown our fellow Amateurs that no-code hams can be good, courteous operators, we'll be able to overcome any barriers of resentment and prejudice and do our part to assure the continued growth and advancement of a proud and valued tradition. I have faith the Amateur community WILL accept us once we have proven ourselves. Let's make sure we give them good reasons to do so.

Dave Finley, 5 Osage Drive, Middletown RI 02840

From CompuServe - Submitted by Don, N2LCR

#### A Message From Marla, N2DWR

I'D LIKE TO THANK EVERYONE FOR THE CARDS, CALLS, FLOWERS AND PRAYERS DURING MY RECENT SURGERY AND HOSPITAL STAY. I CAN'T BEGIN TO EXPRESS MY THANKS, AND TO TELL YOU HOW MUCH IT MEANT TO ME TO BE REMEMBERED BY YOU IN A VERY DIFFICULT TIME OF MY LIFE. I HOPE THAT PRETTY SOON I'LL BE BACK TO CHASING DX, AND RAG CHEWING. THANKS AGAIN TO ALL 73S AND 88S MARLA N2DWR

#### Editors Note de KB2AYU

Spring has sprung and there are a multitude of things to be done. Antenna projects are at the top of the list, right? Well, whatever your projects, I hope they are coming along fine. There wasn't enough room for "rule of the month" this month. I had to make room for the excellent articles submitted by club members. It was nice to talk to Ray, AI2B, who was visiting from Florida. Glad to see that Marla, N2DWR, is recovering nicely from her surgery. Lets sell some tickets and make the club raffle a big success! Thanks to Jay, KB2ETV; Jim, K2OWE; and Ed, W2GSN for their help with the paper.

## Gloucester County Amateur Radio Club Field Day - June 29, 30, 1991

There are a couple of bands still open for anyone that may be interested in being a band chairman. Just give me a call on the phone or the repeater or see me at the club meeting. If you don't want to be a band chairman, but you do want to get involved in field day, get in contact with the band chairman of the band of your choice and let them know that you would like to operate on that band.

"The following is a definition of "Band Chairman" for those that may not know but are curious to find out. A ham who takes on the responsibility of putting together a station and fast talking some friends into operating and logging with him/her all weekend. This involves getting the radio, antenna, coax, tuner, paper, pencils, table, chairs, extension power cable, tent, sleeping bags, lights, clock, mike (or key) together to make their operation work." (ART - KA2DOT)

All these things can be divided up, among the people involved in the band, according to who has what. It is not as hard as it may sound, but it does require careful and coordinated planning from those that are involved with the band.

We would like to see some of the newer club members get involved in this club function, as it is a chance to learn some of the operating skills from the more experienced people in the club, and it is also a lot of fun.

Also I would like to know what kind of antenna you are going to use, and if you will be on the tower. I need this information as soon as possible.

We need someone to operate the generators for field day 91. Without the generators the club will not be able to compete very well in the field day (Contest). The operators will have to resort to the use of their car batteries or personal generators which could be a problem for some of the operators.

2. We also need someone to take care of the publicity for field day 91. The publicity chairman will make sure that the local press, radio, tv, and cable co. is notified in time to send reporters and photographers to cover the event. Publicity is worth extra points towards our score.

This is the Band Chairman listing for Field Day 91.

80 CW.	Merril Brown	WG2K
75 PH.	Jim Clark	KA2OSV
40 CW.	Ken Newman	N2CQ
40 PH.	Chuck Colabrese	WA2TML
20 PH.	Marla Bozarth	N2DWR
15 PH.	John Freitag	AA2DJ
10 CW.	Jack Zaruba	K2ZA

continued

10 PH. Dan White N2FKT  
 20 CW. OPEN  
 15 CW. OPEN  
 6 CW. OPEN  
 6 PH. OPEN  
 PACKET OPEN  
 PUBLICITY OPEN  
 GENERATOR OPEN  
 TOWER Art Strong KA2DOT  
 FOOD Roslyn Marder N2AKL  
 FOOD Irma Colabrese N2FNF

73' Earl - KB2FRM Field day Chairman '91'

### DX COLUMN

A51 Jim Smith is planning to arrive in Bhutan on or around May 1 for two to three weeks operation. He is planning to take his amplifier and a beam with him this time so operations should be a lot better than the last one. Look for him on the regular DX frequencies. He plans to operate CW, SSB and RTTY. From there he will go to Bangladesh and try to convince the authorities to allow him to operate from there. His last time in S2 land was not very successful, except that the authorities were "pleasantly agreeable." Let us hope for good news.

BY CHINA Special event station BT80TUA will be active until May 16 to celebrate the 80th anniversary of Beijing University. Look for them on 10, 15, & 20 CW and SSB.

ET ETHIOPIA Jack, ET2A, is expected to be back during the month of May and will again "fire-up" this much wanted station. Let us hope he brings his key with him for the CW boys.

FR/T TROMELIN For those who need this one, good news. FR5AI will be on a work assignment to this one from May 5th to June 5th and will be active on the amateur bands signing FR5AI/T when his work load permits. Jack likes 20 and 15 meters working CW around .010 area on both bands and on SSB near .250 mark. He does check into the DX nets occasionally. Good hunting Marla.

OY FAEROES Watch for DK9FE to sign DY/on all bands for the first two weeks of May. He emphasizes is on CW. QSL nome call.

S2 BANGLADESH Eric WZ6C is on the way to Bangladesh for a 4 year stint as a construction engineer for a project being sponsored by the World Bank. He will attempt to obtain operating permission from the authorities and if successful will be active on both CW-SSB. Again let us all hope that this real rare one comes on the air.

TR8 GABON G4VIG is now signing TR8JWH until 1992. John will be active on 2124/ between 2000 to 2100Z on Mondays thru Fridays. QSL via G4TWT.

D2 ANGOLA There is a possible operation by 3 Soviets for about 2 weeks on all bands from this country. Just listen for details that are not available now.

Penguin Islands... The DX Advisory Committee (DXAC) is scheduled to vote on their recommendation for DXCC status after the Dayton Hamvention.

That is that for news. C U in the Pile-Ups. John K2JF

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