



## *Presidents Message*

I hope all of you are enjoying your summer. Be sure to get on the air for the NJ QSO Party, which is August 16th to 20th this year. It's always fun to be the object of a pileup, and while we are not DX in that sense, there are a large number of operators who are county hunters, and Gloucester County is usually one of the sought after counties in this contest. You should also be planning for the GCARC annual Hamfest, to be held on September 16th. The new date in cooler weather, plus the policy of free tailgating spaces seems to be a winner for the event, which resulted in increased attendance last year. Hopefully, the same thing will happen again this year.

73 Darrell

### **GCARC Hamfest 2007**

As mentioned in the Presidents Message the 2007 Hamfest will be held on September 16th and our Hamfest Chairman, Harry, AA2WN, will need volunteers on the day prior to the Hamfest to get the Fairgrounds ready for the event and on the day of the event to run the Hamfest and to clean up afterwards. Please save this date on your calendar and let Harry know if you are going to be available by e-mailing him at aa2wn@arrl.net. The work is a lot easier with lots of volunteers and the time required will be also be reduced. It is important that we have sufficient volunteers the run the event smoothly as this is our only money-raising event of the year. See you there.

### **Thanks from Field Day Grub Chairman**

Our excellent Grub Chairman for Field Day 2007 asked me to pass along kudos and thanks to the following individuals for helping make the food at Field Day so great and he hopes he did not forget anyone.

Martha (N2CQ's XYL) - Desserts and cooking Saturday and Sunday  
Dianna (WA2NPD's XYL) - Desserts  
Roseann (W2YC's friend) - Desserts  
Barbara (W0MHK's XYL) - Desserts  
Frank, W2FJM - Cooking, cleaning, washing, coffee duty, etc  
Al, KB2AYU - Providing BBQ grill  
Pinky (WA2LET's XYL) - Shopping, making hoagies, cooking, washing, etc,  
Bill, WA2ADB - Picked up soft drinks and delivered to clubhouse  
Mike, N2SRO & Brian, KC2BUN - Provided ice

The Club thanks Wayne for all his efforts in bringing this all together.

# DX Dope

By Doug Gehring, WA2NPD

We mentioned a couple months back that the occasional 10 and 12 meter daytime openings from such places as Africa and the Indian Ocean were mystifying during protracted periods when the SFI was a rock bottom 65. This prompted your scribe to do some reading and asking around of the more knowledgeable propagation gurus among us. The explanation is most likely due to the occasional solar emissions referred to as proton emissions which often result in sporadic excitation of primarily the F2 layer. Typically, the emission wave enters our atmosphere in a direction towards the North Pole enhancing propagation in the polar regions as the polar ionospheric region is temporarily excited above normal. This is popularly referred to as auroral curtain reflection and often is sufficient to reflect frequencies at 24 MHz and above. Usually, these resulting SFI readings are not reported simply because normal SFI measurements are not carried out in the effected polar and/or outlying polar regions. Obviously, best DX advantage is gained with use of directional antennas which can be beamed towards the auroral curtain. Also, modes other than SSB are easier to copy due to the sometimes nasty flutter which affects voice signals more than others. It should be noted for those of you who know some chemistry, that protons are simply hydrogen ions, i.e. a hydrogen atom which has lost its single circulating electron. Obviously, a swarm of these particles plays havoc with the ionosphere which is typically composed of at-equilibrium electrons and positive ions—the negative electrons immediately being attracted to the “extra” positive proton intruders. This upsets the normal magnetic field equilibrium resulting in very high k and A values and subsequent poor propagation especially on the lower frequencies (160 – 80 meters). Obviously, there is nothing one can do about stopping this phenomenon, hence, simply load up your yagi, aim in northward, and work some new ones on ten and 12 meters.

So, what is out there at this most inappropriate cycle bottom time?

STATION	DATES	FREQ/MODE	RARITY*	ENTITY
4O6AA	8/13 – 8/19	160 – 20; SSB, CW	2	Montenegro
VP6AL	Now till 8/15	20; SSB	3	Pitcairn Is.
OA4/N6XQ	Now till 8/16	160, 6; SSB, CW	3	Peru
TO1YR	7/29 – 8/5 (1)	80 – 2m; All	2	Martinique
3D2F	8/28 – 9/4	80 – 17; CW, SSB	3	Fiji Is.
ST2A	Now till ?	20; SSB, CW	3	Sudan
KL7/LA4LN	Till 8/2 (2)	All; All	3	Alaska
JA6GXX/JD1	Till 8/2	20; PSK31	4	Minami Torishima

(1) is Dxpedition (2) QRP station \* Nr. 5 is rarest  
TNX to Weekly DX, 425 DX News, AA2WN, W2YC, WA2LET, K2JF

## Field Day 2007 Results

The table below shows the final tally of QSOs made during the W2MMD operation at Field Day 2007:

Band	CW	Digital	Phone
80M	481		100
40M	577		101
20M	373	38	48
15M	40		4
6M			6

The raw score for W2MMD for the event works out to be about 3271 plus any bonus points earned.

Thanks to AA2WN, WA2NPD and AB2E for providing the above information.

## Lupus Walk

The Club will be supporting the Lupus Walk at Washington Lake Park in Washington Township again this year. The walk will be held October 21<sup>st</sup> starting 9AM. Ray Schnapp will be coordinating the volunteers for the event so if you can help out please let Ray know. Ray can be reached at 856-939-1358.

## New Old Members

Two previous members of the Gloucester County Amateur Radio Club have rejoined. They are Brian Budd, KC2BUN, and John Zaruba, Jr., AA2BN. Welcome back as members of the Club.

## A Wife's Comments on the Half Baked Ham

By Ruth Sketchley, XYL of K2PQD

The Amateur is a different breed, with a language all his own.  
He does his communicating, on CW, landline or phone.

Alpha, Pa-pa, and Delta are phonetics for his call,  
And if he meets you face to face, you're enjoying an eye-ball.

He works like a slave to get RF out of his precious shack.  
And then has meters in the place, to see if it's coming back.

Though he is young, he's called old man and sometimes suffers from TVI.  
But there's nothing wrong with his rig, it's always the other guy.

He sounds like a normal fellow, with a name like Tom of Jeff,  
But who else would use a hearing aid, when they aren't even deaf.

I've met a few both near and far, in my vacation days,  
And of all I've seen they're funny in a lot of different ways.

Oh yes they have a set of rules, that apply to both man and kid.  
If you don't soon learn to zero beat, your handle is known as lid.

On the air they spend a lot of time, as many XYL's will tell.  
But just be thankful ladies, that they're not outside raising @/#!

I know they might sound wacky but let me put you wise.  
Of all I've met I must admit, they're a decent bunch of guys.

K2PQD's comments: This poem was written in it's entirety by Ruth with absolutely no help from the OM. It proves that you would be surprised to find out just how much the XYL knows about what goes on in the ham shack.

Editor's note: The above was passed on to me by Sunny, WB2DXB. Ruth Sketchley died recently and Sunny got a copy at the funeral.



**AUGUST**                      **CONDUCTED BY N2SS**                      **2007**

**WARC BANDS**

<u>30 Meters</u>	<u>17 Meters</u>	<u>12 Meters</u>
<b>W2YC. 308</b>	<b>N2SS ...324</b>	<b>WØMHK310</b>
N2SS .....295	WØMHK.. 321	N2SS..... 303
WØMHK ..278	W2YC ..... 312	W2YC..... 278
WA2NPD ..216	WA2NPD . 221	K2JF ..... 135
AA2WN....171	K2JF..... 168	N2CQ..... 99
AB2E .....146	AA2WN ... 122	WA2NPD... 96
K2JF.....112	AB2E..... 121	AB2E ..... 92
N2CQ.....111	N2CQ ..... 115	AA2WN..... 20

When the same call heads all 3 WARC bands we will have that elusive, undisputed **KING OF WARC**

**160 Meters**

<b>W2YC..... 201</b>	N2SS ..... 79
WØMHK .... 148	AA2WN ..... 36
AB2E ..... 100	K2JF ..... 34
WA2NPD..... 96	N2CQ ..... 9

W2YC continues as our undisputed Top of Top Band.

**DIGITAL**

<b>W2YC..... 276</b>	K2JF ..... 113
AA2WN..... 187	N2SS ..... 53
N2CQ..... 151	WA2JSG ..... 10

**MOBILE DX**

<b>W2YC .....276</b>	WØMHK ..... 141
N2SS.....234	AA2WN..... 131
K2JF ..... 150	

Looks like Dave and I have spent entirely too much time behind the wheel!

**1.5K Club**

<b>W2YC .....1584</b>	AA2WN ..... 1369
<b>N2SS.....1536</b>	K2JF..... 1350
WØMHK .... 1479	AB2E ..... 1185
WA2NPD ... 1453	N2CQ..... 1135

**Islands On The Air**

<b>N2SS.....842</b>	AB2E ..... 205
W2YC.....656	N2CQ..... 159
WØMHK .....349	

**6 METER DXCC**

<b>WØMHK..... 105</b>	W2YC.....29
K2JF ..... 94	AA2WN.....15
N2SS ..... 55	

Congrats to Bill for hitting the Century mark on 6 Meters!!

**GRID SQUARES**

<b>WØMHK.....522</b>	K2JF .....285
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**Rules for GCARC Honor Roll Listings**  
Provide me with your total IOTAs worked, or countries (including deleted) worked for: WARC Bands, 160 Meters, Digital modes, Mobile, 6 Meters or your total for 80,40,20, 15 and 10 for 1.5K Club. Final category is Grid Squares – just send me your total worked. Lastly, you do not have to participate in every category to be listed; just send me your totals for any of the categories listed.

**CURRENT OFFICIAL ARRL DXCC STATISTICS**

Active Count .....	337
Deleted Count.....	58
Last Addition.....	KH8/S
Last Deletion.....	STØ

## August Birthdays

Congratulations to these members celebrating birthdays in August:

Bill Blakeley, WA2ADB  
Jim Mollica Sr., K2OWE  
Jim Mollica Jr., N2NRD  
Curtis Myers, WA2JSG  
Harry Strahlendorf, KC2OJN  
Leonid Surnin, W2/UT5ZF



## Crosstalk Submissions

This is your Club newsletter. Make use of it. Feel free to contribute general interest articles and ideas for articles.

All submissions, queries, comments and editorials should be addressed to Gene Schoeberlein at [aa2yo@arrl.net](mailto:aa2yo@arrl.net).

Submission deadline for September issue: 8/29/2007

### GCARC Officers

President-Darrell Neron, AB2E  
Vice President-Wayne Wilson, WA2LET  
Treasurer-Ken Newman, N2CQ

Recording Secretary-Dave MacDonald, WB3JOY  
Corresponding Secretary-Al Arrison, KB2AYU

### Board of Directors

Bill Blakeley, WA2ADB  
Chuck Colabrese, WA2TML  
Doug Gehring, WA2NPD

William Grimm, W0MHK  
Harry Bryant, AA2WN  
Gene Schoeberlein, AA2YO

### Committees

Advertising-Open  
ARES/RACES-Dave, WA3JOY  
Awards-Jack, K2ZA  
Banquet-Open  
Budget-Steve, W2TDS  
Clubhouse Site-Al, KB2AYU  
Constitution-Open  
Crosstalk-Gene, AA2YO  
Database-Ray, W2RM  
DX-Doug, WA2NPD  
Field Day-Mike, N2SRO  
Hamfest-Harry, AA2WN  
Club License Trustee-Darrell, AB2E

Hospitality-Ken, N2CQ  
Membership-Ray, W2RM  
Nominations-Darrell, AB2E  
Publicity-John, K2JF  
Repeaters-Mike, N2SRO  
Scholarships-Greg, WN2T  
Special Services-Gene, N2IMK  
Sunshine-Open  
Technical-Open  
TVI-Cory, WA3UVV  
VEC Testing-Wayne, WA2LET  
Programs-Gene, WB2UVB

**The W2MMD Repeaters**

147.78/18 Mhz-Pitman  
(CTCSS 131.8Hz)

223.06/224.66 Mhz-Sewell

447.1/442.1 Mhz-Pitman  
(CTCSS 167.9Hz)

1284.4/1272.4 MHz-Pitman

**GCARC Meetings**

**General Membership**

8 pm 1st Wednesday every month  
Pfeiffer Community Center  
Williamstown, NJ

**Board of Directors**

8 pm 3rd Wednesday every month  
GCARC Club site  
Harrison Twp. 4H Grounds  
1 mile south of Mullica Hill on RT77

**Nets**

**ARES/RACES**  
Sunday 20:00 Hrs  
(147.78/18 and  
223.06/224.66  
repeaters)

10 Meter- Sunday  
following the  
ARES/RACES Net  
(28.350 Mhz)

**August Meeting Program**  
Pizza and Socializing

Gloucester County Amateur Radio Club  
P. O. Box 370  
Pitman, NJ 08071

