



Presidents Message

Well, this month is Field Day! We're all a year older and better so that must mean better operators! I look forward to seeing many of you once again for the event out at our site at the 4H fairgrounds. Try to make the June meeting, we will be strategizing and updating the tentative Field Day operators on what to expect, any changes to the layout, antenna arrangements, etc.

Thanks to those of you who gave me a QSO in the WPX CW contest this past weekend. It's a great warm up for Field Day, and always a blast. In the WPX contest, every prefix you work is a multiplier, so you don't have to be rare DX, or even work rare DX to wind up with a nice score. I finally was able to hook up an amp at the home QTH, by running an extension cord I made for the 220V dryer line. I was also able to raise the G5RV antenna to a height of 35', which made my signal quite a bit louder, and I had no trouble in this contest working loads of EU stations on both 40m and 80m. The new inverted-L played extremely well on 80m, and I'm looking forward to using it next winter in the DX contests.

June Meeting-Field Day and Hoagies

At the June General Membership Meeting the topic of discussion will be ways to improve our Field Day operation. Included in the discussions will be ways to increase Club participation, best set-up and how to maximize our score. Wayne Wilson, WA2LET, is also planning to bring a big supply of Hoagies to the meeting. So come on out, bring your appetite and put in your two cents on Field Day planning and enjoy one of Wayne's Hoagies.

PayPal Service Available For Members

There is an easy and free service now available to members doing business with GCARC and also making purchases via E-Bay and from other merchants. If you are not up to date on your 2007 dues, you may pay them via PayPal to N2CQ@comcast.net to reinstate your membership. You should mark the payment for GCARC Dues and show your call sign when paying via PayPal. If you do not have a PayPal account, take a look at <https://www.paypal.com/> to set one up. Several members have already used this method to pay their dues for 2007.

If you decide not use PayPal, you can still make payment by sending a check to: GCARC, PO Box 370, Pitman, NJ 08071 or GCARC, 81 Holly Drive, Woodbury, NJ 08096.

Ken Newman, N2CQ, Treasurer

DX Dope

By Doug Gehring, WA2NPD

As we approach the 11 year sun spot cycle minimum, you will note that the most important parameter for indicating this phenomenon is something called the Solar Flux Intensity, or the SFI. This value is a measure of the intensity of the radio noise coming from the sun and is measured at the frequency of 2800 MHz. For reasons beyond our discussion here, this noise measurement correlates well with sunspots, flares, and other solar activity and is plotted against the smoothed mean sunspot numbers on a scale ranging from 60 to 300. Sixty means virtually no noise (activity) whatsoever, whereas 300 represents total atmospheric ionization in progress. WWV reports the latest SFI measurements at 18 minutes past each hour. Ionization of the atmosphere is necessary to refract radio waves, hence, giving us short wave propagation. And the higher the radio frequency, the greater the amount of ionization is required to bend the radio waves to reach the other DX hams antenna. Hence, in low periods of ionization such as now (and for the next year or two), short wave propagation in the 10, 12, 15, and 17 meter bands will be either impossible or most difficult. The reported SFI as this blurb is being composed, is 69, with the low seventies being the norm for the past 3-4 months. We can remember just a few years ago when SFI values of over 200 were the norm. So, don't worry about getting that ten meter monobander up anytime soon, if it takes you two years to get it up, you probably will not have missed a whole lot of DX. The best we can do is shed a tear for the good old ten meter days and take comfort in the fact that the band will return in 2-3 years. It always has so far.

Your scribe is late this year in reporting the accomplishments of our Club DXers for the past year. Realizing the DX conditions have been generally poor no doubt contributed to this tardiness. Well, next month will prevail. Incidentally, congratulations are extended to W2YC, AA2WN, N2SS, W0MHK, and to your humble scribe for being fortunate and lucky enough to snag BS7H during the recent Scarborough Reef DXpedition. The operation was generally successful which lends credence to the fact that future operations to there will very likely take place soon. So what's up for this month?

STATION	DATES	FREQ/MODE	RARITY*	ENTITY
BY ? (1)	June, 1 week	NA; NA	4	China (zone 24)
HL7WR	3/20 - 7/2	80 - 6; All	3	So. Korea
V26HS	6/9 - 6/24	40 - 2; SSB, et al	2	Antigua
9U0VB	Now till?	30 - 10; CW, SSB	4	Burundi
3A7JO (2)	6/2 - 6/10	All ; All	3	Monaco
9Q1D	5/15 - 6/30	160 - ? ; SSB, CW	3	Rep. Congo
VQ97JC	5/23 - 6/5	80 - 10; SSB, CW	3	Diego Garcia
3XY5M	Now - 6/6	160 - 6; CW, SSB	3	Guinea
3B6DX (3)	6/6 - 6/18	All; All	4	Agalega Is.
A61NT	Now till ?	17; SSB, CW	3	U.A.E.

*Nr. 5 is rarest. (1) Expected trip by GCARCs own AA2WN, stay tuned!

(2) Small States of EU Games. (3) Major Dxpediton TNX to The Weekly DX, 425 DX Report, AA2WN, K2JF, W2YC, WA2LET

Milt Goldman Service Award-2007

At the May General Membership Meeting our President Darrell presented the 2007 Milt Goldman Service Award to Ken Newman, N2CQ, for his many years of dedicated service to the GCARC. Ken was our Club President in 1970 having served as Vice President for two years before becoming President. Ken has also served several terms as a Club Director and has been Field Day chairman. For close to 20 years, he and his trailer were Field Day fixtures as he served as 40 m CW band chairman. During the 1970s, Ken organized the Club contest operators into a competitive group and invented the megapoint award for those scoring over a million points in the major contests. Most recently Ken has become a stalwart in the world of QRP operation and contesting. He has sponsored a QRP rig building contest and still is one of our Clubs finest CW and RTTY operators. He has his DXCC with some 320 DX countries confirmed. For the past few years, Ken has ably served as Club meeting Refreshments Chairman, never missing a club meeting coffee and donuts assignment. This year Ken assumed the Club Treasurer position and is doing a great job in that most important role. Ken is also a member of the A-1 operator club. Congratulations and thanks to Ken for his continuing support of the GCARC.

GCARC Hamfest 2007

This will be the 30th consecutive year GCARC has sponsored this event. Please plan to attend and lend a hand for our only money making event of the year. Without our Hamfest, we can not support other activities such as Field Day and maintaining our Club site and station. If anyone has an idea about how we can make this our best Hamfest ever to celebrate our Pearl anniversary, please let me know.

This will be the 5th and final year I plan to act as the Hamfest Chairman. I would like to "Elmer" a new chairperson for the future of the Hamfest starting this year. The job is very easy, requires only a few hours of preparation time before the event and your fellow club members always are available for assistance. If you are interested in taking on this very important responsibility, please let me and our President know.

Harry Bryant, AA2WN
aa2wn@arrl.net

Editor's Note: The above has been repeated this month as to date Harry has not had any takers on his offer. We need someone to step up for this job if we are to continue the Hamfest.

The Classic DX Contest

This year there will be a contest within a contest during CQWW CW and SSB contests held the fourth full weekend of October and November. This contest will be for vintage gear over 20 years old. A partial list of the contest rules are bellow. If you are interested in participating contact Harry, AA2WN, or Gene, AA2YO, for the remaining rules.

1. All equipment must be at least 20 years old, including linears.
2. The classes are high and low power, transceiver and high and low power separate receiver-transmitter. Low power is 100W output and high power is 650W output CW, 1300W PEP output SSB.
3. Use of contest keyers and computer logging is permitted.
4. Your score is your normal claimed score times classic multiplier.
Classic multiplier is how many decades old your rig is.



JUNE CONDUCTED BY **N2SS** 2007

WARC BANDS

<u>30 Meters</u>	<u>17 Meters</u>	<u>12 Meters</u>
W2YC. 308	N2SS ...324	WØMHK310
N2SS295	WØMHK.. 316	N2SS..... 303
WØMHK ..276	W2YC 312	W2YC..... 278
WA2NPD..197	WA2NPD . 190	K2JF 135
AA2WN....171	K2JF 168	N2CQ..... 99
AB2E132	AA2WN ... 116	AB2E 92
K2JF112	N2CQ 115	WA2NPD... 85
N2CQ.....111	AB2E 110	AA2WN..... 20

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

160 Meters

W2YC..... 201	N2SS 79
WØMHK 137	AA2WN 36
AB2E 100	K2JF 34
WA2NPD..... 88	N2CQ 9

W2YC continues as our undisputed Top of Top Band.

DIGITAL

W2YC..... 276	K2JF 113
AA2WN..... 187	N2SS 53
N2CQ..... 151	WA2JSG 10

MOBILE DX

W2YC276	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

W2YC1584	AA2WN 1369
N2SS.....1536	K2JF..... 1350
WØMHK 1452	AB2E 1185
WA2NPD ...1429	N2CQ..... 1135

Islands On The Air

N2SS.....842	AB2E 205
W2YC.....656	N2CQ..... 159
WØMHK341	

6 METER DXCC

WØMHK..... 102	W2YC.....29
K2JF94	AA2WN.....15
N2SS 55	

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

GRID SQUARES

WØMHK..... 510	K2JF285
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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

June Birthdays

Congratulations to these members celebrating birthdays in June:

Joseph Arsenault, WA2KDV
Neil Griffith, W2GTV
Ken Newman, N2CQ
David Regn, N2SRS
Ray Schnapp, WB2NBJ
Charles Sketchley, K2PQD
James Wilson, N2SVN



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.

Submission deadline for July Issue:
6/27/2007

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)

June Meeting Program

Hoagies
Getting the Most Out of Field Day

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

