



Presidents Message

As I write this report, there is good news and bad news to relay. The good news is that my back problems have completely gone away (two herniated discs have receded) and the sciatic nerve pain from last month has disappeared. Hence, I can now fight an elephant again. The bad news is that I cannot see what I am typing and must rely completely on my touch typing skills and the eagle eye of your astute editor. My cataract is about ready for removal and I am expecting to have that taken care of on July 6th, or thereabouts. Hence, the life of the golden years rises and falls sort of like the eleven year sunspot cycle.

First of all let me thank the SNJ Coast Guard Auxillary and Tom, KC2THO, for giving us a program at last months meeting. Also, thanks for the great showing from that organization as we had some 8 members of their group in attendance. We learned how they operate and for what reasons, but we were hoping that they would have given us a few examples of some of their real-time adventures and incidents on the high seas, etc. Nevertheless, we thank them and welcome them to any of our future Club meetings. This month (July 1 meeting) we are looking forward to another of our newer Club members, Lou, KC2FXK, who will give us a program describing his "other" hobby, that of Astronomy (see details elsewhere in this issue)

And, by the time you read these words, our Field Day Activity, 2009, will be history. Presently, it is before FD and we are praying for no rain and no abnormally hot weather. It appears all systems are in place, we have some 13 transmitters to offer the airways (although only 9 simultaneously), and all supporting features (food, generator, bonus features, etc.) seem to be well in place. I hope that everyone will show-up to help and/or to operate and otherwise, trust that everyone will enjoy themselves. After all, that is a bottom line item, just as important as being able to demonstrate emergency preparedness. A more complete report will be in next month's issue.

Finally, let me thank Harry, K2ATX, for another successful Williamstown Main Street Club display and booth on June 6th. After some growing pains with positioning the Burlington County Tower Truck and subsequently the booth, and weathering the storm of loud (but good) band music, we were able to get on the air and made many contacts on mostly 20 and 40 meters. The weather was as delightful as last years weather was dreadful. Those participating included K2ATX, N2RO, WB2NBJ, W2YC, W2FJM, K2COD, and N2IMK. Also, special thanks to KB2AYU and his mother for the great job of re-lettering the Club Banner to include our 50th Anniversary message. The banner was displayed in front of our booth and it looked GREAT! And, obviously thank the Burlington County RACES guys for the hit of the show.

73, Doug

Down Jersey DXing

By Bill Grim, W0MHK

One of the rarest of DX "catches" is coming up on July 9th through 28th! FT5GA, Glorioso (alias FR/G on your DXCC List) will be firing up from this normally uninhabited island group off the northwest coast of Madagascar. It has been rarely activated, and it comes at a time when our sunspot cycle might be at a 100 year low! How's that for a challenge for an all-time new one or new band or mode QSO! This is a French military effort with all five operators (at this writing) in that category with the blessing of the French Foreign Legion, no less! Apparently, the French Government and Military got some excellent international press from supporting a similar 2003 Europa DXpedition in the same vicinity. In short, four complete stations with amplifiers will be available for use on most modes and bands. Google "Glorioso 2009" for a very informative website that will include on-line logs, propagation charts, equipment/antenna line-ups for your favorite bands, and general information about the island including a real-time weather report and temp! Glorioso's weather installation provides valuable data for predicting and tracking cyclones (hurricanes) in this area of the world. So be looking for Eastern African propagation in the direction of 78 degrees as a beam heading from my pea patch in Pittsgrove. Good luck to all in pursuit of this one rated in the top 10 most needed all over the world! QSL via F5OGL.

Our slow sunspot activity has picked up this June ever so slightly. Keep watching for some HF openings on 20 and 40 Meters toward the Far East especially in the 7-9AM EDST time frame. Although the spots have been tiny with often short duration, they do seem to be increasing in frequency and are of the newest cycle.

And "Yes, Virginia!" there is Sporadic E DX available on 6 Meters! It is not consistent, but can be quite rewarding if you catch the openings which I have experienced to Europe as early at 6:30AM local time. Here are some June DX qsos from Down Jersey DX'ers in our club: 403, 6W, 8R, EA9, FJ, I, IS, PA, YV, and ZB2. It might be an exceptionally short Sporadic E season this year, so get them while you can! Midwestern USA has also been blessed with some 6M JA openings!

AB2E reminds us to check our LOTW for logging updates constantly made by DX stations such as 9U0A and 9L1AB which could almost effortlessly increase your DXCC confirmed totals! Both Darrel and Dave, W2YC, are both proficient in this new technology, and I'm sure would be glad to answer questions about it.

Let's see what DX treats are in store for us potentially in the heat of a Down Jersey July:

STATION	DATES	FREQ/MODES	RARITY	ENTITY
5R8KD	7/4-7/17	160/6-CW/RTTY	3	MADAGASCAR
FT5GA	7/9-7/28	SEE TEXT ABOVE)	5	GLORIOSO
VK9NI	7/22-7/29	160/6-ALL	3	NORFOLK IS.
TK9X	7/25-8/1	160/10-ALL	2	CORSICA
C6APR	7/23-7/27	80/6-ALL	1	BAHAMAS
OH0	7/26-8/7	80/10-ALL	1	ALAND IS.
SX5SYMI	7/31-8/3	-	2	DODECANESE

RARITY = 5 IS MOST DIFFICULT

CREDITS: NG3K ADXO & GLORIOSO 2009

Monroe Township Main Street Day 2009

On Saturday June 6, 2009, several members of the GCARC setup and operated a booth at the Monroe Township Main Street Day event in Williamstown, NJ. The event attracts vendors and attendees from all over the South Jersey area for a day filled with exhibitions, good food and live entertainment. This year was the third year for the event in Williamstown and the second year that the members of the GCARC participated. Attendance for the event has grown each year and by all accounts, 2009 was a great success.

This year in addition to members of the GCARC, Hams from two neighboring counties came down to lend a hand and enjoy the festivities. We setup shop at the end of the driveway to the Pfeiffer Center. We had several stations setup for VHF/UHF (including APRS) and HF. John and Jerry from Burlington County brought their county's communications truck and portable 75' tower to the party adding both capability as well as spectacle to our Amateur Radio exhibit.

As is typical with many portable operations, in spite advance planning and preparations, the unexpected happens and this event was no exception to that rule. Due to our unique space/location requirements for both radio operation in general and the 75' portable tower combined with a scheduling mix-up, we arrived at 7:00 am Saturday morning to find we had no designated location in which to set up our operation. After some deliberation, we decided to set up in the driveway of the Pfeiffer Center with the communications truck and tower located just up the driveway from our tent. Setup went smoothly and we were on the air, making contacts in no time. Things were proceeding according to plan until a few hours into the event a band setup directly in front of our location. They were close enough that we could hear them whisper. That is until they began to play at which point it became impossible to hear ourselves thinking let alone their whispers! Fortunately, the musical entertainment took several breaks and true to form, our operators persevered continuing to operate through thick and thin.

All in all things went quite well and we made many contacts throughout the day including QSOs with some of the operators participating in the Museum Ships Weekend event. In addition, several people stopped by during the event to see the operation and ask questions.

Among those attending this year's event were Doug (WA2NPD), Dave (W2YC), Ray (WB2NBJ), Frank (W2FJM), Ed (N2RO), Pete (K2COD), John (KB2YRT), Jerry (KC2JJT) and Matt (N2TXV). I would like to extend a special thanks to all those, who by their support and participation allowed this event to be a success.

73 de Harry, K2ATX

July General Membership Meeting

We are pleased to announce that Lou, KC2FXK, has consented to give us a program about his second hobby, Astronomy. Lou has been a Club member for about a year and has offered to share this most exciting hobby and science with us. We all know a few things about this fascinating science, but, after an evening with Lou, we will be far better educated in this field. Lou also took the reins as ten meter band chairman at this years FD, hence, he is doing double duty for this month. We look forward to hearing Lou at our July 1 Club meeting. .

An Interesting Way to Copy Code

At the beginning of the Civil War the telegraph was not thought to be particularly important from a strategic standpoint and there was no telegraph office in the White House. However, President Lincoln realized its value and used it to monitor the messages between his generals and to interject himself into the daily battlefield decisions.

During the war the telegraph lines of the other side were often prime targets by each side. When the opponent cut a telegraph wire the Morse operator would sometimes, perhaps under fire, go out to the point of the break and put the broken line in his mouth to read the signals until repairs could be made.

An interesting book regarding the use of the telegraph during the Civil War is "Mr. Lincoln's T-Mails" by Tom Wheeler.

Thanks to Tim McDonough, N9PUZ for the above.

An Evening with Riley Hollingsworth, K4ZDH, at Lehigh University

On July 9, 2009, the Delaware Lehigh Amateur Radio Club will be holding an Evening with Riley Hollingsworth, K4ZDH. The program starts at 7:30 pm and will be held at the Packard Laboratory Building at Lehigh University. Tickets are \$3 if purchased in advance and \$5 at the door. Mr. Hollingsworth is the former Special Counsel for the Spectrum Enforcement Division of the FCC's Enforcement Bureau. Advance tickets are available by sending a self-addressed stamped envelope to: DLARC, PO Box 3026, Easton, PA 18043-3026. For more information contact KE3AW@arrl.net.

High Speed Telegraphy on the World Stage

The October 1936 issue of QST reported on the first official "Amateur Code Speed Contest" ever held. Eugene A. Hubbell, W9ERU, took home the silver trophy with his winning speed of 52.2 words per minute.

Fast forward to 1995. Competitors from 15 countries on three continents traveled to Siofok, Hungary to show off their CW operating skills in the first IARU High Speed Telegraphy (HST) World Championship. According to Barry Kutner, W2UP, HST has long been considered a sport in Europe, especially Eastern Europe, similar to chess or an Olympic sport. Kutner was the sole US representative at the 2005 HST World Championship in Macedonia. In 2009, he is leading a team of seven this September to Obzor, Bulgaria for the Ninth High Speed Telegraphy IARU World Championship. The modern competition has competitive events in both receiving and sending. They also have pile up categories where the conditions are similar to the pile ups heard on the air.

HST has definitely come a long way since 1936 when Hubbell dazzled the crowds with 52.2 words per minute; competitors at the IARU HST World Championships consistently have speeds of more than 100 words per minute. While it's too late to join the 2009 US team, it's not too early to think about upcoming events. If you are able to copy and/or send CW at dizzying speeds, why not think about attending the next IARU HST World Championship? For more information on HST events, contact Kutner via e-mail <w2up@arrl.net>.

Thanks to the [ARRL Weekly Newsletter](#) for the above.

July Birthdays

Congratulations to these members celebrating birthdays in July:

Tony Gargano, N2SS
Christopher Kelly, KC2PC
Dave MacDonald, WB3JOY
Frank Messick, W2FJM
Phyllis Scapellato, W2PDB
Art Strong, K2AWS
Don Vincent, KC2LRK



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: 7/27/2009

Club Website

<http://www.w2mmd.com>

President-Doug, WA2NPD
Vice President-Wayne Wilson, WA2LET
Treasurer-Ken Newman, N2CQ

Darrell Neron, AB2E
Bill Blakeley, WA2ADB
Chuck Colabrese, WA2TML

Steve, W2TDS
Cory, WA3UVV

GCARC Officers

Recording Secretary-Al Arrison, KB2AYU
Corresponding Secretary-Harry Ewell, K2ATX

Board of Directors

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

Trustees

Ray, WB2NBJ
Mike, N2SRO

Committees

ARES/RACES-John, AA2BN
Awards-Dave, W2YC
Budget-Steve, W2TDS
Clubhouse Site-Al, KB2AYU
Club License Trustee-Darrell, AB2E
Constitution-As needed
Crosstalk-Gene, AA2YO
Database-Ken, N2CQ
DX-Bill, W0MHK
Field Day-Vinney, KC2NXV
Hamfest-Harry, K2ATX
Historian-Marty, W2ILT

Hospitality-Ray, WB2NBJ
Membership-Cory/Ray, WA3UVV/WB2NBJ
Nominations-Doug, WA2NPD
Programs-Doug, WA2NPD
Publicity-Cory, WA3UVV
Repeaters-Al, KB2AYU
Scholarships-Greg, WN2T
Special Services, Darrell, AB2E
Sunshine-Ray, W2RM
Technical/TVI-Cory, WA3UVV
VEC Testing-Harry, K2ATX
4H Liaison-K2ATX

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)

1272.4/1284.4 MHz-Pitman

GCARC Meetings

General Membership

7:30 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)

July Meeting

Astronomy
Lou, KC2FXK

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

