



Presidents Message

Fall is coming soon and there is still quite a bit to do out at the trailer. Most importantly the roof needs to be recoated before winter sets in and makes it impossible to do a good job. Several persons are needed to do this job which shouldn't take longer than a Saturday.

2004 DUES
GCARC dues for the year 2004 are due. The annual dues are \$20.00. Please send your checks directly to the treasurer, Bob Krchnavek, (K2DAD) at 50 Eastwick Dr., Gibbsboro, NJ 08026.

The Hamfest is over and it looks like we did better than last year. I thank Harry, AA2WN, and all the people that got out there and made it happen. Aside from the money I think all had a good time meeting old friends. I had the pleasure of seeing some people I hadn't seen for a long while. Again thank you Harry for the fine job of putting it all together.

The speaker at our next meeting will be Joe Cramer, N2XYZ, who will give a new talk on the Battleship New Jersey Radio Station and all the things that have been accomplished since his last talk at our meeting quite some time ago. The talk has been revised and upgraded and I'm sure you will see some real progress. I am a member of the battleship club and it is very much fun for an old sea dog to get back afloat even if we never get to sea...

The annual Lupus walk is coming up and all that help out have a good time. More details as I get them. I may have more information at the upcoming meeting.

Best 73 & 88 to all;
Ray WB2NBJ

DX Dope

By Doug Gehring, WA2NPD

As the eleven year sunspot cycle continues to head downwards on its inevitable course towards the bottom (predicted to occur about January/February, 2006, or about a year and a half away), it's only natural, I guess, that the DXer shifts his focus more on the low bands (160, 80, 40 m). These bands will become more active mostly by default as the higher bands (20 m on up) become increasingly less active. One positive that we have previously mentioned here is that the magnetic disturbance (measured by k index) generally will decrease in the next few years which enhances especially the readability of the low band signals. As most DXers are aware, perhaps the Bible of the Low Bands is Low Band DXing, by John Devoldere, ON4UN, originally written about 10 years ago but recently released as a second edition in 2002. Your scribe thanks AA2WN for permitting me to peruse his new edition the past 2 months and, admittedly, much new information has been digested. One interesting point of interest is that John claims he has experienced generally poor DX results with a single 80 meter vertical with lots of radials and ideal locations. His explanation includes the fact that a very low angle of radiation often can be too low for optimum DXing. This antenna was compared to almost all other kinds of 80 m antennas including a simple half wave dipole at about 30 meters. He claims that really good success with verticals on 80 can be achieved by using 2 or 3 verticals in phase as to introduce a degree of directivity. This could explain why yours truly seems to do better with his inverted V compared to the 80/40 meter Butternut vertical mounted as a ground plane. Well, now to get the XYL to agree to move to a property which will contain phased verticals for the low bands (HI).

So, what's on tap for this month?

STATION	DATES	FREQ/MODE	RARITY*	COUNTRY
YI9KT	Now till Dec. 04	40-10; CW, SSB	3	Iraq
VK9L	9/25- 10/16 (1)	160-6; SSB, CW, RTTY	3	Lord Howe Is.
8Q7JF	8/28 - 9/7	80-10; CW, SSB, RTTY	3	Maldives
CT3/G3IZD	9/21 - 9/27	40-10; ??	2	Madeira Is.
ST2PN	Now till Nov. 04	?? ; ??	3	Sudan
YA7X	Now till 9/6	80-10; CW, SSB	3	Afghanistan
YJ0XX	Now till Oct.	40-20; CW, SSB	3	Vanuatu Is.
GB4IOM	9/1 - 9/8 (1)	160 - 2; All	3	Isle of Man
LX/ON/H/C	Now till 9/21	160- 10; SSB, CW	3	Luxemburg
SV5/SM8C	Now till 9/4	160 - 10; CW	3	Dodecanese Is.
7Q7HB	Now till 9/25	?? ; ??	4	Malawi
7Q7CE	9/23 - ??	160 - 10; SSB	4	Malawi

(1) Major Dxpediton

* Nr. 5 is rarest

TNX to The Daily DX, 425 DX News, W2YC, AA2WN, WA2LET, K2JF

Addition to the GCARC By-Laws

At the August General Meeting a new article, Article 16, was added to the Club By-Laws. The new article reads as follows:

16. The CLUB shall assume no responsibility for damage to or loss of personal property left in the club house trailer or on the club house grounds.

Paid-Up Members

The following is a list of members who are current with their 2004 dues. We are about to remove unpaid members from our roles, so if you have not already paid your dues, please send your dues to our Treasurer, Bob Krchnavek, K2DAD, at the address on page one of this newsletter. If you have paid your 2004 dues and your name is not here, please contact Bob

AA2OV	Joseph L. Grace	AA2WN	Harry V. Bryant
AA2YO	Eugene E. Schoeberlein	AA4N	Gurdon E. Cooper
AB2E	Darrell L. Neron	AI2B	Raymond Metzger- Life Member
K2CR	John H. Koch Jr.	K2DAD	Robert R. Krchnavek
K2DX	Paul F. Munzenmayer	K2HPV	Herbert L. Schuler
K2JF	John M. Fisher- Life Member	K2OWE	James M. Mollica Sr.
K2PQD	Charles E. Sketchley- Life Member	K2ZA	John A. Zaruba Sr.
K3WIN	Arthur R. Goldman- Life Member	KA2DOT	Arthur W. Strong
KB2AYU	Alan D. Arrison	KB2COB	Robert Layton
KB2ZTL	Whitney H. Myers	KC2ELC	Daniel Damiano
KC2JIW	Frank J. Messick Jr.	KC2KGM	Robert Slippey
KC2LCO	Roscoe C. Chew	KC2LRK	Don Vincent
KC2PC	Christopher J. Kelly- Life Member	KE2ES	Tom Gorman
KR2U	Robert L. Krukowski	N2ASV	Russel W. Glans- Life Member
N2BK	William F. Kardas- Life Member	N2CQ	Kenneth D. Newman
N2FJQ	Alan R. Trueblood	N2FKS	Michael J. Lipnitz
N2FNF	Irma R. Colabrese	N2HYS	Janice Gorman
N2IMH	James Castro	N2IMK	Francis E. Wallace Jr.
N2MR	Mark Smith	N2NRD	James M. Mollica Jr.
N2SRO	Michael P. Mollet-Active Duty	N2SS	Anthony R. Gargano
N2SVN	James D. Wilson	N2WFD	Robert H. Adams
N2WUP	Stuart C. Cleveland	NJ2B	Harry W. Spiece- Life Member
W0MHK	Bill Grim	W2/UT52F	Leonid Surnin
W2GTV	Neil Griffith	W2LYL	Louis D. Joseph
W2TDS	Stephen J. Blasko	W2YC	Dave Strout
WA2ADB	William C. Blakeley	WA2DUV	Willie C. Ustaszkeski
WA2ED	Edward A. Wargo	WA2GFK	Joseph A. DiNovi- Life Member
WA2IBZ	Howard L. Marder- Life Member	WA2LET	Wayne A. Wilson
WA2MVU	Christine M. West	WA2NPD	Douglas G. Gehring
WA2PPN	Myron Froehlich Jr.	WA2QOY	Harold Berry
WA2TML	Charles A. Colabrese	WA2TRS	Carmen J. Inverso
WA2USI	Charles Naylor	WA2VOY	Wayne Welsh
WB2AOL	James McDonald	WB2DXB	Sonny Gutin- Life Member
WB2GSF	Harry O. Jackson- Life Member	WB2LNR	Raymond R. Martin
WB2NBJ	Raymond G. Schnapp	WB2OYQ	Walton T. Ashton Jr.- Life Member
WB2THM	Louis J. Miceli	WB2UVB	Eugene Bond
WK2W	Chris Heller	WN2T	Gregory C. Potter

Hamfest

Thanks to all that helped out at the Hamfest and behind the scenes. From a preliminary count it looks like the General Admission receipts will be better than last year, tail gate spaces were about the same and I believe pavilion vendor numbers were down a bit from last year. The weather was obviously great and there were no complaints from any of the attendees.

All of the vendors I spoke to said they will no doubt be back next year. Reports from some folks that attended other recent Hamfests said that our turn out was much higher than anything else in South Jersey.

Again - thanks to the great help and hope to see you all back again for next year.

Harry Bryant, AA2WN

"ECHO" Satellite Opens for FM Voice Trial Run

AMSAT-NA's new "Echo" satellite (AO-51) has been turned on for general use in FM repeat mode for a trial period of about three weeks. During that time, command stations on Earth will monitor AO-51's power budget and adjust the UHF Transmitter power as needed for good battery management. They'll also be watching the AMSAT Bulletin Board e-mail reflector, amsat-bb@amsat.org, for reports of how Echo is working.

The Echo FM voice uplink frequency is 145.920 MHz, and the downlink is 435.300 MHz. The downlink transmitter will come on when it hears an uplink signal with a 67 Hz CTCSS (PL) tone for about 1 second, and it will stay on for 10 seconds after that signal goes away. "This operation is just like a terrestrial FM repeater with a 1 second 'kerchunk' filter and a 10 second hang time," AMSAT noted.

Thanks to the American Radio Relay League and the [ARRL Letter](#).

Amateur Radio Classes

Do you know someone who has been looking for an Amateur Radio class to sign up for? For those in the Camden, Burlington or Gloucester area, one will be starting September 27, 2004 at the Haddon Township High School. The classes are sponsored by the Delaware Valley Ragchew Club. The classes are taught by active and experienced amateur operators and cover technical, operational, and community service aspects of the hobby. They are designed to prepare attendees for the FCC Elements for Morse code and Technician license exams. Passing the Technician exam and receiving a first license will get attendees on the air. To register, contact the Haddon Township Adult School at (856) 869-7750 ext. 7316. For additional information, call N2FZ, Bill, or WB2B, Pete, or go to their website: www.ragchew.org.

Thanks to Jean Priestley, KA2YKN, Southern New Jersey Section, Section Manager for the above.

Equipment for Sale

A former Club Member has contacted Chuck Colabrese, WA2TML, and asked for his help in selling a few ham items. He's moving and wants to sell them. He has a disassembled Cushcraft ATB-34, 4 element Tri-bander for 20, 15, and 10 Meters, an Alliance HD-73 Heavy Duty Rotator with cable, and a Host Master II+/Kantronics Kam Plus. From the e-mail he sent Chuck it appears that he is asking \$60 for the antenna and rotor and \$60 for the Host Master II+. He also has a 50 foot tubular steel crank-up tower installed against the back of his house that he is willing to give away if someone wanted to take it down. Manuals for each item are included. If you are interested in any of these items contact Chuck at colabres@erols.com.

Happy Birthday

Congratulations to the following Club members:

Bill Blakely, WA2ADB	9/3
Sonny Gutin, WB2DXB	9/7
Gene Schoeberlein, AA2YO	9/15
Harry Spiece, NJ2B	9/26
Ed Wargo, WA2ED	9/4



Crosstalk Submissions

All submissions, queries, comments, editorials, etc. should be directed to:

Gene Schoeberlein, AA2YO
401 Westwood Drive
Woodbury, New Jersey 08096-3131

aa2yo@arrl.net

Submission deadline: 9/28/2004

President-Ray Schnapp WB2NBJ
Vice President-Wayne Wilson WA2LET
Treasurer-Bob Krchnavek K2DAD

Chuck Colabrese WA2TML
Lou Joseph W2LYL
Al Arrison KB2AYU

Advertising-Open
ARES/RACES-Chick WA2USI
Awards-Jack K2ZA
Banquet-Bob KR2U
Budget-Bob K2DAD
Clubhouse Site-Al KB2AYU
Constitution-Open
Crosstalk-Gene AA2YO
Database-Ray WB2LNR
DX-Doug WA2NPD
Field Day-Bob KC2KGM
Hamfest-Harry AA2WN

GCARC Officers

Recording Secretary-Harry Bryant AA2WN
Corresponding Secretary-John Fisher K2JF

Board of Directors

Gene Schoeberlein AA2YO
Bob Krukowski KR2U
Bill Blakeley WA2ADB

Committees

Hospitality-Ken N2CQ
Membership-Ray WB2LNR
Nominations-Art Strong KA2DOT
Publicity-Open
Repeaters-Chuck WA2TML
Scholarships-Greg WN2T
Special Services-Gene N2IMK
Sunshine-Open
Technical-Bob KR2U
TVI-John AA2BN
VEC Testing-Chick WA2USI

The W2MMD Repeaters

147.78/18 Mhz- Pitman
(CTCSS 131.8Hz)

223.06/224.66 Mhz-Sewell

447.1/442.1 Mhz - Pitman
(CTCSS 131.8Hz)

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)

September Meeting Program

Joe Cramer, N2XYZ
Battleship New Jersey Amateur Radio Station

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

