

CARS CARRIER



Charleston Amateur Radio Society

August 2005 Newsletter



CARS Web Site --- <http://www.qsl.net/wa4usn>

*The CARS club meets the second Monday of each month at Ryan's Steak House on Highway 61.
The next club meeting will be held at 7:30 PM on Monday, August 8, 2005*

CARS MEMBERSHIP DUES ARE DUE

DUES from AUG. 1st 2005 to JULY 31st 2006 are
\$20.00

FAMILY MEMBERSHIP

From AUG 1st 2005 to JULY 31st 2006 dues are
\$20.00 for the first member in a household and \$10.00
for each additional member in the same household.

**Please make Check payable to CARS and
Mail to Membership Chairman:**

Bryce N. Myers, K4LXF
2630 Dellwood Ave.
North Charleston SC 29405-6814
Phone # 1-843-747-2324

FROM THE PRESIDENT

At last month's club meeting, we heard from Doc (W4MUR) about the activities of the club at Field Day. Doc really helped lead us to a great success. Of particular significance to me was the number of members who took part. Field Day comprised a nationwide (even worldwide) network of people dedicated for 24 hours to the goal of communicating.

As in a disaster, our strength as a group is our ability to bring a cadre of trained persons together, quickly, and with a common set of skills in a network. In the world of information technology, Metcalf's law states that the "value" of a network increases in proportion to the square of the number of nodes on that network. And so, if each person in our network is a node, and by doubling participation, we increase the value by a factor of four! In this case, "value" is not measured in terms of dollars, but rather in terms of the amount of information that can be collected and passed on.

As this newsletter goes to press, CARS will be pulling together a network to help support the last run that will ever be held over the old Cooper River Bridges.

The Charleston Running Club requested our support at the last minute for the "Burn the Bridges" run on July 30. And the club responded to the request in its characteristic positive style by rallying the necessary people and resources. Our ability to quickly respond is fundamental to the nature of amateur radio, and the real "value" proposition of the hobby when it comes time for lawmakers and policy makers to consider amateur radio spectrum and licensing issues such as Broadband Over Powerline (BPL) or spectrum auctions.

On a more personal note about the upcoming run.... I had the opportunity to join my weekend running group this past Saturday. We thought it would be fitting to say goodbye to the old bridges in a smaller group, since we have literally run over the structures a thousand times! As we approached the Pearman bridge, we were greeted by large signs pronouncing "No Trespassing - Violators will be Arrested". Unlike my expectations, we will not have access to the old spans in the coming weeks. The experience reinforced a sense of finality about the upcoming run. And it will be fitting for the club to have some prime positions on the old spans for this historic event.

I am sure we will have a lot of good stories from the run at our next meeting on August 8, 2005 at Ryan's Steak House on Highway 61. Please make plans to attend. I look forward to seeing you there.

73, Ken (AF4ZV)

JULY FINANCIAL STATEMENT

Beginning Cash - 7/1/05	\$385.58
Cash Receipts:	
July Raffle	36.00
Jenny Myers - Field Day Refund	8.40
Cash Disbursements:	

John Meyers - July Newsletter	(55.81)
Jenny Myers - Office Supplies	(49.57)
ARRL - Johnnie Nash - July Raffle	(34.00)
Bell South - July	<u>(36.34)</u>
Ending Cash - 7/31/05	\$ 254.26
Savings HT	\$ 26.60
Savings ST - CD	\$1,257.05

Linda NeSmith - K4MPY

MINUTES of JULY MEETING

Charleston Amateur Radio Society

Club Meeting at Ryan's Steak House on Hwy. 61

Monday, July 11, 2005 - 7:30 PM

MINUTES:

The Charleston Amateur Radio Society Meeting was called to order by President, Kenneth Bible, AF4ZV, at 7:30 PM on July 11, 2005 at Ryan's Steak House, in Charleston.

Introductions:

There were 41 members and 7 guests present.

Secretary's Minutes/ Report: Tracey KG4HTW

In a motion by John (WA4GPS), seconded by Doc (WA4MUR), the minutes were approved as published in the July 2005 CARS Carrier.

Treasurer's Report: Linda K4MPY

The treasurer's report for June 2005 was read by Linda. The report was accepted as information.

Hamfest Report: Jenny WA4NGV

Jenny reported that a Hamfest Committee meeting was held on Wednesday, July 6, 2005, for the upcoming 2006 Hamfest. The date for the hamfest will be Saturday, February 4, 2006. Everything is operating according to schedule for this hamfest. Jenny noted that the Hamfest Committee is looking for additional volunteers to help with planning and the event. In addition, there will be a motion made under new business for purchases to be made.

Field Day: Doc W4MUR

Doc provided an overview of the club's scoring for Field Day 2005: Bonus Points - 1150 + Operating Points - 1936 for a total of 3086 points. Doc thanked Linda [K4MPY], John [K4CSB], and Bill [WA4WGP] for serving as station coordinators. Also, thanks to Jenny [WA4NGV], Sonja [WA4WVD], and Becky [KF4SAD] for the food and refreshments

during the event. Jenny reported the following expenses: 278.61 - Food/Paper, 13.32 - Laminating, 10.00 - light for station, and 39.67 for a total of \$341.60. Out of the \$350 appropriated, we had \$8.40 to return to the club. This was in part thanks to Joe [KI4ILB] and Glenn [WB4UIV] who donated gas.

Dr. Jim Boehner - SM [N2ZZ] and Charlie Miller - SEC [AE4UX] stopped in to observe activities as they made their annual trip to visit many of the SC Field Day sites. Despite the rain it was a good event and a great time.

Museum Ships: Ed KQ4DC

Ed reminded us that the next event will be the annual Museum Ships on the Air scheduled for July 16th & 17th. After providing a brief overview of the event, Ed noted that due to the scheduled opening of the new Cooper River Bridge, there may be some confusion on Saturday. The event begins on Friday at 8:01PM and runs 48 hours. Plans are to operate on the Yorktown only. In addition, Ed shared that the Museum ships make up the 4th largest Navy in the world.

Emergency Prep: Guest Brian Fletcher N6NWS from MUSC

Mr. Fletcher provided a presentation on the proposed network project to connect area hospitals for emergency communication. Grant funding has been awarded through DHEC for developing/improving amateur radio statewide. In addition, the SC Bioterrorism Advisory Council has approved funding to train healthcare professionals to become amateur radio operators. The Tri-county Regional Hospital Disaster Planning committee is making an appeal to local hams for support of this project. The hospitals are in need of engineering/design support, manpower, individuals willing to be communicators, and assistance in developing policies.

Following Mr. Fletcher's presentation the club engaged in brief discussion and agreed that CARS supports the project and would like to participate.

Repeater Report: Bryce K4LXF

Bryce reported that John [W4HMK] made some repairs at the 25 site and noted that the A/C unit is out

at that location. The Seabrook site will be on hold until several other projects are completed.

Nets: Riley K4HYY

No new information to report.

Races: Ken AF4ZV

Ken reported that he had received a request for assistance from John Bouchillon of the Exchange Club to support communications for the 2005 IOP Connector Run on October 5th. In a motion by Mike WA4HVP, second by JJ KF4BZH, the club approved continued support for this race.

Ken then introduced Glenn Braddock of the Charleston Running Club who was present to ask for the club's assistance with the upcoming Burn The Bridges Run. Mr. Braddock noted that the race is scheduled for Saturday morning at 7:30am, July 30th and they are looking for help with communications along the race route. After brief discussion surrounding additional details of the race, in a motion by Mike WA4HVP, second by Bill WA4WGP, the club approved providing communications support for the CRC Burn the Bridges Run.

Interference: Glenn WB4UIV

Glenn noted that the cable tv interference has been solved; however, there has been a new report of some interference on Johns Island. Glenn is currently investigating the Johns Island report.

Newsletter/ CARS Carrier: John WA4GPS

John encouraged club members to sign up to receive the electronic CARS Carrier at the Yahoo groups web site by sending an e-mail to WA4USN-subscribe@yahoogroups.com and including only the word subscribe in the subject line. This saves the club postage and also provides access to color photos.

Web Page: Brian K1BPW

No new information to report. The web site is located at URL www.qsl.net/wa4usn.

Education and VE Testing: Ed KC4ED / Riley K4HYY

The next VE testing session will be held in June. The schedule for regular VE Testing runs every other month on even numbered months. Testing will be scheduled on the second Saturday of these months. Testing will continue to be at Trident Technical

College – Bldg 400 – Room 104 [room location may vary] at 9:00AM. Cost is now \$14 and 2 forms of ID [one with picture] are required. Ed KC4ED noted that there are no classes scheduled at this time.

School Programs: Alene KG4NKD - DuBose Middle School Radio Club - K4DMS

Alene reported the satellite antenna for the club is scheduled to be installed on Tuesday, July 12th

Membership: Bryce K4LXF

Dues for the 2005-2006 year are due. CARS presently has 151 members, of which there are 18 associate members.

The following applications for membership were read:

Regular Membership:

1st Reading: No new applications

2nd Reading: Tom Petroski – KC2LGS
Johnny Nash – KI4KRX
Pierce White – N4YJH
Timothy Russell – KD5YUC

Associate Membership: None

In a motion by Riley, K4HYY, seconded by John, WA4GPS, the club approved the memberships of Tom Petroski, Johnny Nash, Pierce White, and Timothy Russell by a vote of acclamation.

Old Business:

Nominating Committee: Bryce K4LXF

Bryce reported that the present nominations from the committee for the club officers for next year are: President - Ken Bible, AF4ZV; Vice President - Bill Pennekamp, WA4WGP; Treasurer - Linda NeSmith, K4MPY; and Secretary - Tracey Bible, KG4HTW. The call was made for any additional nominations; having none, in a motion by Ed KC4Ed and second by Bryce K4LXF, the nominations were closed.

New Business:

Hospital Repeater Project – After hearing Brian Fletcher's presentation on the project, in a motion by Bryce K4LXF, second by John K4CSB the club approved providing assistance to the project.

Purchase-Refrigerator for Yorktown club room- Bryce K4LXF noted that the refrigerator is in need of replacement as this location supports multiple club activities. In a motion by Bryce, second by Bob W4HGW, the club approved spending no more than \$300 from the Hamfest fund account to purchase a new 'frost free' refrigerator for the Yorktown club room.

Purchase-A/C Unit for the Knightsville 145.25 Repeater site – Bryce K4LXF had noted in the repeater report that this A/C unit was in need of replacement. In a motion from Bryce, second by Ed KC4ED, the club approved spending no more than \$150 from the Hamfest fund account to purchase a new A/C unit for the Knightsville repeater site.

Announcements:

New Rosters Available

Don't forget to sign up for the Museum Ships event on July 16th/17th

Drawing: The drawing for a one-year ARRL membership was won by Johnny Nash KI4KRX.

A motion to adjourn was made by, DOC WA4MUR, seconded by Riley K4HYY.

Meeting adjourned at 8:30 PM.

Respectfully submitted by Tracey, KG4HTW.

MUSEUM SHIPS ON THE AIR

CARS CARRIER

Charleston Amateur Radio Society

423 Beauregard Rd., Summerville, SC 29483-1989



Sunday, July 17th, CARS station WA4USN was activated as a special event station joining many others in celebrating Historic Museum Ships on the Air. Beginning at 1519 UTC and ending at 2159 UTC 250 SSB contacts were made primarily on 20 meters. Nine other museum ships were included in that total. In addition to Canadian stations there was one from France and one from Italy. The last contact was on 80 meters with a station in Greenville, SC. The logs confirm that propagation during over six hours of operation created some very interesting short and long skip contacts within very short intervals, for example, in one ten minute period contacts were made with stations in Ontario, Texas, Pennsylvania, Maryland, Illinois, Kentucky, California, Michigan, Ohio, and Florida.

At various times the station was operated by Ed W4NSC, Frank KG4IGC, Chip KM4AF, Fred KG4YGP, Samantha KI4EVE and Fred's son, Benjamin, under the supervision of control operator Ed KQ4DC. Samantha, Frank's daughter, as a new ham had helped out during Field Day. Benjamin is on his way to getting a license. Ask him sometime about his dad's really short skip contact.

Operating hours were restricted this year because many of the communication and broadcast activities associated with the opening of the new bridge were located on the Yorktown. That and other circumstances meant that stations on the Clamagore and Laffey were not operated during the event although there was one brief two meter NJ4DU [Clamagore] contact.