

CARS CARRIER

Charleston Amateur Radio Society August 2024 Newsletter

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

CARS generally meets the second Monday of each month at the Golden Corral near Tanger Mall.

Our next meeting will be held at 7:00 PM, Monday, September 9, 2024 at the Golden Corral near the Tanger Mall.

MESSAGE FROM YOUR PRESIDENT

Another year for the Club and it's time to start planning for events in 2025. The last known events in 2024 are:

- October 5, 2024 IOP Connector Run
- December 9, 2024 CARS Meeting / Christmas event.

So, start thinking about 2025 events or projects the Club can support.

Help your neighbors and friends because everyone ages with time, but no one says you have to grow up. I know I haven't recovered like I did in my 20's so help your friends and neighbors – pay it forward.

Ask about a new mode to operate in the next year. One example is Larry, KJ4GZR is offering to lead a CW class. CW is like a new language and takes practice. Besides, during Field Day in June the Club earns extra points for every CW contact. Give Larry a call and start learning the original digital communications method.

Keep in mind any projects you or need help with, take pictures and author an article for the CARS Carrier. Tom AJ4UQ our editor would appreciate the inputs and so would Club Members. Everyone likes to keep up with events. If you get a new to you piece of equipment or radio, write a review, someone else has the equipment or is thinking about getting the equipment. Some Club members may be able to help you learn the gear or may need help with their equipment. Let members know and be helpful.

School is back in session so please be careful driving around buses and school zones. Watch QST magazine or ARRL website for school events so you can communicate with the students they really do appreciate it.

Lastly, enjoy the upcoming cooler temperatures of fall and plan your outdoor events.

Everyone stay safe and prepare for the fun.
Rick N8BKN

NEWS FROM THE VP

You joined the club to take advantage of the collective knowledge of all the members. Take advantage of that and learn some new skills.

Also enjoy Steve AA2BB's thorough recap of Field Day.

73 Tom, AJ4UQ.

MEMBERSHIP

Membership:

Total: 184
Associates: 8
Voting: 176
Quorum: 27

First readings: None as of this writing

Second readings:

Brant Colbry KE8CTH
Richard Hochreiter KQ4DYW
Fred Harris KE4NHT
Ron Steele KQ4SIP

John Hensel KQ4STB

Dues are past due. If you have not yet paid, please send a check made out to CARS, to Lee Miller KI4LLJ, 207 Glebe Rd., Summerville, SC 29485. If you are unsure whether you're paid up or not please text me at 843-518-0669 or email me at ki4llj@arrl.net Dues are still only \$20 for the first member of a household and half price for anyone else in the same household.

Hope to see many of you at a meeting this year.

Lee KI4LLJ and Jennette KO4BPH
CARS Membership Committee

EMERGENCY PREPAREDNESS

September 10th is the peak of Hurricane season. The experts predicted 23-25 named storms this season, and as of 30 August we have had 5. Either the experts guessed incorrectly, or we are due for 18 – 20 storms yet. Please stay weather aware Hurricanes can be dangerous and the effects can be long-lasting. Note today there are 4 potential storms coming off of Africa as I write this. *[plus one off of Texas/Louisiana – ed.]*

By request from the last Club meeting here is a list of important frequencies to monitor should a storm show up:

- South Carolina ARES frequencies:
(Reference Tactical Comms Plan)
 - 3.990.0 MHz LSB
 - 3.993.5 MHz LSB
 - 7.232.0 MHz LSB
- Low Country ARES frequencies
 - Linked repeater will stay linked except 146.790 may be unlinked.
 - Berkeley County repeater 146.610 MHz -600 T 123.0
 - Berkeley County Simplex 147.585 MHz
 - Charleston County repeater 146.790 MHz -600 T 123.0
 - Charleston Alternate repeater 147.345 MHz + 600 T 141.3
 - Charleston County Simplex 147.570 MHz
 - Dorchester County repeater 147.180 MHz + 600 T 123.0

- Dorchester County Simplex 147.540
- National Hurricane Center
 - 14.325 MHz USB
 - 7.268 MHz LSB
- Caribbean Hurricane Net
 - 7.188 MHz LSB
- Salvation Army SATERN Net (Health and Welfare net)
 - 7.268 MHz LSB

Keep these frequencies handy. There are more but these are the primary Hurricane nets. You can also listen to the Maritime Mobile net at 14.300 MHz USB for 20-meter propagation and the ARRL has a net at 14.303 MHz USB.

The National Hurricane Center only activates when the storm is 5 days out.

Until Next Month,
73 Rick, N8BKN

FIELD DAY

This year's Field Day went as well as anyone could have hoped for. Team dynamics and the spirit of cooperation manifested by our club were something to be proud of. Senior and new club members alike came together in a way that made everything hum. As FD Captain, I had barely to lift a hand.

Despite the heat and humidity, set-up, led by CARS President, Rick Valentine, N8BKN, and Past President, Bryce Myers, K4LXF, began right on time on the first day of summer, Friday, June 21st. Together, we raised the Butternut vertical for CW and the Cushcraft R7 for SSB. Equipment was moved from the clubroom to the flight deck, antennas were assembled on deck, cables laid out, and installation completed just before the (almost predictable) thunderstorm. After the rain, we completed the connections and cleared the deck to be ready for the next day. We resumed work at 11:00 AM Saturday morning with installation of a long wire from the flight deck to the pier for the GOTA station. Tables and chairs were placed on the catwalks overlooking the harbor and tarps were installed to shelter operators and equipment from sun and rain. The GOTA station was set up at the

forward entrance to the hangar deck for easy access by the public. Brian Smith, KN4EXJ, brought his own equipment which helped tremendously. Mike Whisnant, KY4BO, brought our Honda generators from the trailer and placed them in the small alcove on the catwalk. He also picked up fuel from Spinx (ethanol-free.)

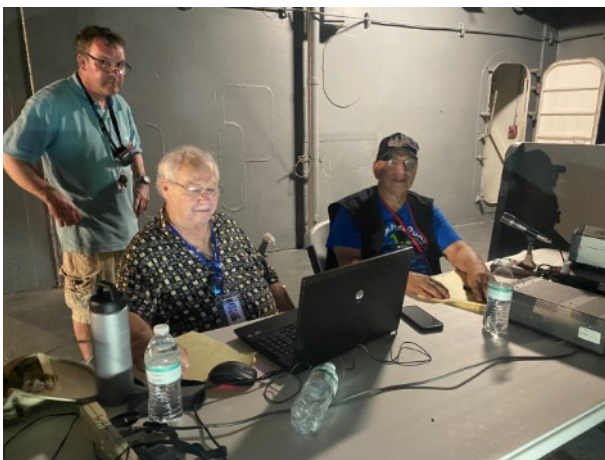
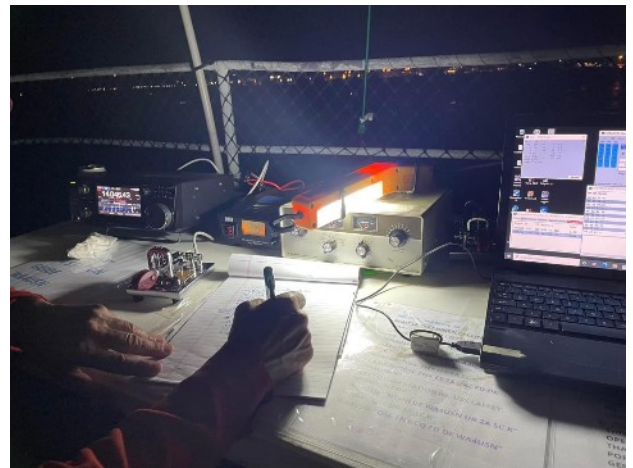


We went on the air at 2pm Saturday on CW, SSB and at the GOTA station. We had a superb line-up of operators and remained on the air almost continuously until midnight and through much of the night. We were honored to have Milt Turner, W4QD, begin our CW operations. Also on the key were David King, K5VUV, and Jonathan Ernisse, N4AKV, among others. Bill Olendorf, K4KOA, David Fleischman, KB9UJF, Vic Morawski, WA3CHM, and others started us off on SSB. Several satellite and 6 meter contacts were made by Jonathan who brought his own equipment including satellite and 6m antennas, a transceiver and battery. He made satellite contacts from the flight deck where he manually tracked the satellites from horizon to horizon. Glenn Little, WB4UIV, lent us his solar panels and a battery charged by them, enabling us to make sufficient solar contacts to qualify for 100 points. Tom Glaab, AJ4UQ, CARS VP, made plenty of contacts on digital FT-8 and copied the ARRL bulletin on digital modes. We also copied it on CW.





sandwiches, chicken fingers, and for breakfast on Sunday morning, Bojangles breakfast biscuits. And of course, about 6 trays of Michelle's homemade brownies! I appreciated the coffee made by Rick, N8BKN, using the Navy method which remains known only to those who served. It could put Starbucks out of business.



Three elected officials, Sylleste Davis, State Representative, District 100, Mark Smith, State Representative, District 99, and Daniel Brownstein, Mount Pleasant Town Councilman, attended our FD. Rep. Smith presented our club with a House Resolution in support of FD which was voted on and passed by the South Carolina House of Representatives. We also received a very nice Letter of Support from our US Congresswoman, Nancy Mace. Both are now framed and hanging in our clubroom. Channel 2 News (CountOn2) broadcast a TV news item about the CARS Field Day with pictures of the Yorktown at least 3 times on Friday and Saturday. ARRL Section Manager, John

Michelle Mantooh, KK4WQO, did her usual superb job with the food and there was a spread to be proud of! We received many compliments on our food which included fresh deli, vegetable and fruit trays from Publix, bread and condiments for

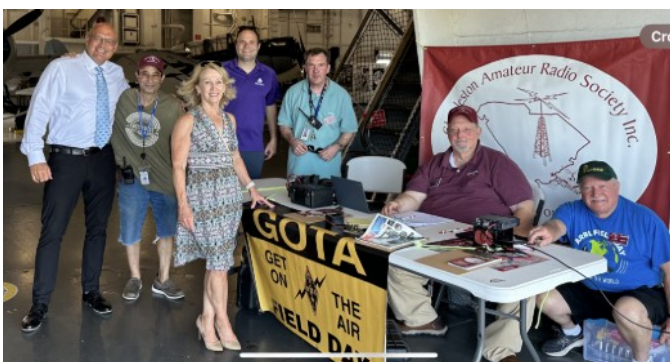
Gendron, NJ4Z, visited our station and joined us for a while in the clubroom. As in many prior years, Jim Comfort, KW4UL, came in and worked through the night on CW and SSB. Those present for the night shift heard some special stories from the Viet Nam war told by Rick, N8BKN. If you missed out, you'll probably have to wait 'til next year! We also discussed and solved several of the world's problems.



The only glitch was that my trusty Vibroplex CW paddles stopped working Saturday afternoon. After inspection by those who know their stuff, the problem was localized to the cable. As recommended, a new cable (obtained after FD) solved the problem. Fortunately, David, K5VUV, brought his Bencher paddles and we had a spare Vibroplex in the clubroom.

Operations were back to full strength on Sunday morning with all stations working to make as many contacts as possible before 2pm. The GOTA station had numerous visitors including one who made a successful QSO with the assistance of Brian, KN4EXJ. A few visitors toured the stations on the catwalk and came to the clubroom where they were suitably impressed.

Takedown went as smoothly as setup, with all equipment dismantled and properly stowed in about 2 hours. We sat in the clubroom for a short debriefing and to savor the moment of putting another FD in the books. Special thanks to our FD Co-Captain, Avery Hill, W4QYV, whose enthusiasm and hard work helped from start to finish, and to our club VP, Tom, AJ4UQ, who, in addition to his help during the event, downloaded the logs, calculated our points, and met me at the ship on July 4th weekend to help get our results properly uploaded to the ARRL. Look for them in November's QST.





Members who signed the roster and those with whom I worked directly included:

- Steve Saef, AA2BB, FD Captain
- Avery Hill, W4QYV, FD Co-Captain
- Rick Valentine, N8BKN, CARS President
- Bryce Myers, K4LXF
- Tom Glaab, AJ4UQ, CARS VP
- Brian Smith, KN4EXJ, CARS Secretary, GOTA Captain
- Michelle Mantooth, KK4WQO
- Bill Olendorf, K4KOA
- Mike Wolford N4PSU
- Lee Miller, KI4LLJ
- Warren Richey, KK4EVI
- David Fleischman, KB9UJF
- Doug Clark, KU4OC
- Milt Turner, W4QD
- Mike Whisnant, KY4BO
- Greg Keys, KG4GEK
- Jim Wasson, KO4MNB
- Jonathan Ernisse, N4AKV
- Johnny Saef, WB4JMS
- Jim Comfort, KW4UL
- Vic Morawski, WA3CHM
- David King, K5VUV
- Victoria C., Guest & Volunteer
- Jack Smythe, Guest & Volunteer
- John E Franklin, KQ4FVJ
- John Gendron, NJ4Z, ARRL SC Section Manager
- James Detlefsen, W4GLK, Visitor

Please forgive me if I left you out, and many thanks to all who helped make this Field Day a success.

FD photos are available on our website.

Respectfully submitted,

Steve, AA2BB

HAMFEST

Still checking places for a hamfest.

Paulette, KJ4AIK.

MUSEUM SHIPS

There is discussion of operating from the Yorktown for Veterans Day and Pearl Harbor day. This would be from the hangar desk like the Battle of Midway event. If you're interested in operating in public let us know.

Tom, AJ4UQ

RACES / PUBLIC SERVICE

The Isle of Palms Connector Run is set for Saturday morning October 5th. We meet around 6:30 at the parking lot to the left side of the Harris Teeter and deploy from there. A sign-up sheet will be passed out at our next club meeting or you can sign up at <https://tinyurl.com/CARS-events>. This is a fun event that is over around 10 a.m. We usually meet up at the Sea Biscuit Café afterwards for some fellowship. Put it on your calendar!

Tom, K4WJC and Doug, KU4OC

SCHOOL CLUBS

Nothing to report.

Tom, AJ4UQ

COMMUNICATIONS TRAILER

Cars trailer is at the ready for action!

Mike, KY4BO

FINANCIAL REPORT

CARS Treasurer's Report			
July 2024			
Checking Balance June 30, 2024			\$ 2,792.86
Cash Receipts - July			
	Dues	915.00	
	Memberships	60.00	
	Raffle Proceeds	53.00	
		-	
Total Receipts			1,028.00
Cash Disbursements -July			
	ARRL Membership	(59.00)	
	Member Name Tags	(93.89)	
	Field Day Food	(852.65)	
	Field Day Trailer	(56.34)	
Total Disbursements			(1,061.88)
Checking Balance July 31, 2024			\$ 2,758.98

	Annual Financial Report			
	For the Year ended July 31, 2024			
Beginning Checking				\$ 4,124.23

Account Balance - August 1, 2023				
Revenues				
	Memberships	360.00		
	Dues	3,232.50		
	ARRL Drawing	503.00		
	Membership Dues & ARRL Drawing		4,095.50	
	Bank Error on Deposit		0.02	
	Transfer from REV Savings		27.39	
			-	
			-	
	Total			4,122.91
Expenses				
	ARRL (memberships)		(519.00)	
	Misc. expenses (printing, stamps, bank charges, etc)		(263.58)	
	Christmas Party		(2,485.00)	
	Pinckney Carter Co.- Gen Liab Insurance		(390.00)	
	US Postmaster-12 mos PO Box rental #70341		(200.00)	
	Member Name Tags		(209.45)	
	Field Day and Museum food and gas		(1,278.13)	
	Website hosting		(143.00)	

	Domain Name Renewal - W4USN.org - 1 yrs		(18.95)	
			-	
	Total		(5,507.11)	
Ending Checking Account Balance - July 31, 2024				\$ 2,740.03
Net Decrease for Year		\$ (1,384.20)		

Treasurer's Report: Charlotte, KJ4PLX – Accepted as information

Standing Committee Reports

Field Day: Steven AA2BB- The club Field Day report has been submitted to the ARRL by Steven AA2BB and Tom AJ4UQ. A summary of the report:

The Charleston Amateur Radio Club WA4USN operating from the USS Yorktown CV-10 with GOTA Station WD4PBR accumulated a preliminary score of 3,081 points. The club operated as a 2A class station under generator, battery and solar power. Bonus points were obtained in all categories for a total of 1,355. This included points from the GOTA station for its first contact in 6 years. A satellite contact was also made. The club operated on the 40, 20, 15, 10 and 6 meter bands using CW, Digital, and Phone. A total of 863 contacts were made. Thirty club members participated in this event.

Charlotte, KJ4PLX

MINUTES of the JULY MEETING

**Charleston Amateur Radio Society
August 12, 2024 Monthly Meeting**

Meeting Called to Order: 1900 Hrs. by President Rick Valentine, N8BKN

Introductions: Members attending: 40 Associate: 1 Guests: 2

Announcements: Rick, N8BKN,

- September 21-22- Technician Class and test at the VA Hospital If testing for a new license please pre-register.
- Check in and out with Security at the Yorktown security gate.
- Op Day on the Yorktown following the ARES Charleston meeting this weekend.
- LMS for ICS-300 August 23 /24 2024 @ Town of Mt Pleasant. Must register with

Museum Ships: Tom, AJ4UQ – Museum Ships logs have been submitted. Rick suggested that we have earned DXCC and WAS. According to LotW we have 34 confirmed QSOs (mixed).

DXCC Award	New LoTW QSLs	LoTW QSLs in Process	DXCC Credits Awarded	Total (All)	Total (Current)
Mixed	35	0	0	35	35
CW	9	0	0	9	9
Phone	23	0	0	23	23
Digital	18	0	0	18	18

For WAS we do have 50 states confirmed (mixed). Looking closer we are one state away from WAS 20 m Phone (missing Alaska). I challenge the club to figure out when we can make a phone QSO with Alaska station and get it confirmed in LotW.

Secretary's Report: Brian, KN4EXJ – Accepted as information

WAS Award	New LoTW QSLs	LoTW QSLs in Process	WAS Credits Awarded	Total
Mixed	50	0	0	50
80M	15	0	0	15
40M	44	0	0	44
20M	49	0	0	49
15M	42	0	0	42
10M	23	0	0	23
6M	8	0	0	8
CW	48	0	0	48
Phone	49	0	0	49

Membership: Lee, KI4LLJ – Membership renews in July.

Total Membership to date 178

Paid up Members – Club dues are due.

Regular Voting members 171

Lifetime members 4

Associates 7

First Readings:

John Hensel, KQ4STB, Technician Class

Brant Colbry, KE8CTH, Extra Class

Richard Hochreiter, KQ4DYW, General Class

Frederick Harris, KE4NHT, General Class

Ronald Steele, KQ4SIP, Technician Class

Second Reading:

Dan Maher KN4YII, General Class
(Accepted)

Emergency Preparedness:

Berkeley County, Linda, KJ4EVV – Last Saturday of month

Charleston County, Rick, N8BKN –Start of hurricane season is June 1st. Important frequencies to monitor are:

National Hurricane Center 14.325MHz and 7.268 MHz back up

Caribbean hurricane net 7.188MHz

Maritime net 14.300 MHz

Archie's Repeater back up for 146.790 is K4IUG 147.345+ Tone 141.3 Adams Run location

Hamfest: Paulette, KI4AIK – No Report. The Shelby Hamfest is 30 August – 1 September.

Repeaters: Bryce, K4LXF- Nothing to report

School Clubs: Tom, AJ4UQ – Still working with SC DEW RWAs on the ARISS contact. TARC is the lead club.

The principal of Saint John Catholic School attended the ARRL Teachers Institute in Newington and is now KQ4TVY.

Race Support Reports:

Doug, KU4OC – No Report First weekend in October IOP Race.

Tom, K4WJC – No Report.

CARS Carrier/ Website: Tom, AJ4UQ – Always looking for content. Thank You to Steve AA2BB and Brian KN4EXJ for contributing articles and photos from Field Day.

Communications Trailer: Mike, KY4BO – Nothing new. Generators are back in place and have been serviced ready for use.

Education/Testing: Eugene, AB4UG – Next testing, VA hospital 22 September. Eugene reported 2nd Sat October at Tall Pines Baptist Church. Looking for VE's contact Tom or Eugene. Next Tall Pines test session is scheduled for October 12th.

Dorchester County, Beverly, W3BRB –

Nets:

Sunday: Low Country ARES net 2000 Hrs. – 2020 Hrs.

SC ARES net 2000 Hrs. -2130 Hrs. On the SCHEART repeaters

Tuesday: SC ARES HF net at 1800 Hrs. on 3.990MHz

WinLink Net 39.150

TARC Net 2000 Hrs. -2100 Hrs. on the Low Country repeaters

Wednesday: 1st and 3rd Wednesday Weather Training net 2000 Hrs.

Thursday: SCHEART Training net 0900 Hrs. – 1030 Hrs. on the SCHEART

New Comers net 2000 Hrs. -2100hrs on the Low Country repeaters

Old Business:

WD4PBR QSL Cards – a new source has been found. Rick, N8BKN, is still working on getting them printed.

Larry, KJ4GZR, discussed plans on the teaching of Morse code to the club. Who wants to learn the code? Contact Larry, KJ4GZR

New Business:

General Discussion on Emergency preparedness and the effects of TS Debbie. Look for an article in the September newsletter.

Online updating of SCDL renewal.

Any Other New Business?

Drawing – Conducted by Larry, KJ4GZR, Earl, KJ4OXF won.

CW Training slow code class we will use146.000 . Water fall diagram of code. The class will be ongoing and have preparation for the next field day. The goal is 10 words per minute. Sign up with Larry.

Meeting Adjourned: hrs. 2000hrs.

Brian, KN4EXJ

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