

Trident Amateur Radio Club, Inc.

Board Meeting Minutes - FINAL

6/3/2024



President - Steve Anderjack, KO4AFL – Welcome
Vice President - TW Kirkpatrick, KF4CQH – Nothing to report
Treasurer - Jim Self, KW4PW – see Treasurer's Report
Secretary - Renata Sierzega, KQ4ASH – Absent. Jim KO4MNB taking minutes
Board Member at Large - Chris Benoit, KC4NW – Nothing to report
Board Member at Large - Glenn Stephens, WA4NMW – Nothing to report
Membership – Ron Davis, K4TCP – Absent, but sent report that 2 members paid dues
Testing – Ron Davis, K4TCP / Steve Anderjack, KO4AFL – no one signed up for testing so far
Programs – Greg Mitchell KB1AWM - Absent
QSL manager –Chris Benoit KC4NW- Received QSL card request for Hunley 2023
Repeaters – Bryce Myers, K4LXF – Nothing to report
Fund Raising –Jim Self, KW4PW – ARRL Learn CW text (June) – Raffle made \$20 profit
Properties – TW Kirkpatrick, KF4CQH – Nothing to report
Education and Scholarship- Jim Wasson KO4MNB, Stephen Behr K4OPZ – report follows
Field Day- Ron K4TCP, TW KF4CQH, John Satterfield KK4JS - KO4AFL showed video of kitchen

Call to order: 1830

Location: Goose Creek Library, 325 Old Moncks Corner Road, Moncks Corner, SC

Upcoming Events: Note: All participation for events must be approved by the Board prior to any members signing up the Club to participate.

Museum Ship Weekend: **1-2 Jun 2024 HUNLEY** at the boat yard at the Friends of Hunley Museum, POC: Dave Merritts AE4ZR

- This year we set up a portable operating station rather than bring the club trailer
- Operating times would be on Saturday only, 1 June, from 0800 to 2000
- However, only 4 people showed up to operate so we shut down around 1400
- The FT-897, that was donated from Jim Wallace's estate, worked well
- Made 110 QSOs including 6 other museum ship and a sub-to-sub contact
- Steve, KO4AFL, sent the ADI log to Ron, K4TCP, to upload on QRZ/LoTW
- Dave,, AE4ZR, requested the AFI log also be sent to him to file with Battleship New Jersey

Summer Field Day 22-23 June 2024 POC John KK4JS

According to the ARRL, "the theme for 2024 ARRL Field Day is "Be Radio Active." The event will run on June 22 - 23, and it will be one-part contest, one-part emergency communications exercise, and one-part open house -- and a great time. The theme encourages radio amateurs to take advantage of the peak of Solar Cycle 25, which we are nearing. Activity this year is likely to be extremely high thanks to favorable solar conditions. The upper HF bands, such as 15 and 10 meters, should benefit most from the Cycle's peak."

- St John's Episcopal Church field, 3673 Maybank Hwy, John's Island, SC 29457. POC Clark Cromwell O:843-974-5593; M:504-578-8543
- Board confirmed approval: Glenn WA4MNV and TW KF4CQH.
- Post event to the Charleston Business Club.
- A donation to the church will be made. Jim, KW4PW, will give KO4AFL a check.
- Berkley ARES and CARS have been invited to join us.
- Suggested we put an announcement in ARRL bulletin and send out press release.
- Board approved club expense the pulled pork BBQ on the menu, water, tea and paper products with members bringing a dish to pass for a club dinner on 22 Jun 24 at 6 pm.

- Renata KQ4ASH and Chip WB4ZVR visited the facilities kitchen and sent a video
- A sign-up list was created for members to bring “sides” for the meal on Saturday at 6:30 pm. Need a firm head count NLT, Wednesday, June 12th.

The Citadel Cyber Awareness Month Oct 2024, POC: Jim, KO4MNB – Nothing to report

OLD BUSINESS:

Trailer Maintenance and Deployment Committee: POC Steve KO4AFL

Members: Chip WB4ZVR, Jim KW4PW, Mike KJ4TAC, Ron K4TCP and Glenn WA4NMW

- A “curtain” specifically for sound proofing may need to be installed to decrease the sound
- Work left to be done:
 - Mount propane tanks after continued floor repair (weld frame “C” channel support)
 - TW suggested we mount the two tanks on the tongue and buy a cover for them
 - An 8-foot cleanable rug runner may be helpful
 - Some rust spots noted on the trailer frame and needs to be removed
 - Small dehumidifier for the trailer
- Trailer Use Discussion: Club use, educational use, promotional use
 - Request for consideration of trailer use needs to be submitted to the committee 60-90 days in advance

Most Likely	Possible Trailer events
Winter Field Day: ON SITE	Spring Operating Day
Hunley Event – Ft Moultrie POTA	Museum Ships Weekend
Summer Field Day: TRAILER	Fall Operating Day
Little David: TRAILER	Citadel Cyber Event
JBC Air Show/Open House: TRAILER (not annual event)	

- Chip Mack, WB4ZVR, suggested we add a second 2M rig as a dedicated APRS station, apart from the ICOM ID-5100A VHF/UHF/DSTAR radio mounted to the wall between the two stations with its own DC-DC converter.
- The Maintenance and Deployment Committee:
 - Plan: Meet monthly on Wed prior to Board Meeting
 - Will discuss which events necessitate the trailer
 - Will make a decision on reimbursing members for pulling the trailer. Note: a few club members should not incur the expense of the trailer for the overall benefit of the club
 - Proposal: \$.25/ mile; Reimburse with receipt after refueling tow vehicle; Fed rate is \$.67/mile not towing a vehicle.
 - Will discuss the impact on the annual budget and limits of those funds
 - Will make decision on the trailer use on a case-by-case basis for those events that are one off
 - Will consider cost of filling the propane tanks with frequent use
- Solar panels were donated when trailer grant was awarded, solar charge controller donated by Samlex power in return Steve will be releasing a You Tube video on the trailer and listing the donors as sponsors. Need to drill hole in trailer to route electrical metallic tubing (EMT). The plan is to complete the installation prior to Summer Field Day.

Jim Wallace: Silent Key. Jim’s wife Mary had donated his radio equipment to TARC. Board discussed using the equipment as part of a GOTA (Go-On-The-Air) Box of equipment when the trailer is not in use and place a plaque on the equipment noted it was donated by Jim’s family. A note of thanks will be sent to the family. Steve KO4AFL has compiled a list of the major donated items. There are 3 radios. The FTDX-10 and IC-7300 will be used by the club. One of the radios is

in a GOTA box. Steve KO4AFL will donate another box for the second radio. A FT-897D radio, all bands all modes, will be presented to the club for donation via a silent auction at the next club membership meeting (June 2024) starting minimum bid of \$250.

Education and Scholarship Committee: Jim Wasson KO4MNB and Stephen Behr K4OPZ

Palmetto Scholars Academy POC Steve Behr K4OPZ – no update.

St. John Catholic School: POC Jim Wasson KO4MNB and Stephen Behr K4OPZ

- **ARRL education curriculum.** Wrapped up the classes at St John Catholic School on 29 April with an introduction to long range radio communications and completed the one amplifier that wasn't completed in February. Amplifier was tested with the crystal radio and confirmed operational.
- The students presented us with **thank you notes** for the crystal radios and teaching them about amateur radio this past school year. Great job by the team and their work with the students!
- The Principal Karen Durand will be attending the **ARRL Teachers Institute** in June. They will be returning to the school with a great education on HAM radio and equipment for the school. Karen submitted her application to attend the ARRL Teachers Institute on Wireless Technology.
- With Karen Durand, school principal, made a first visit to their future **'STEM' building.** Jim, KO4MNB, Steve, K4OPZ, Glenn, WA4NMW, and TW, KF4CQH took measurements and determined antenna locations on 22 May 24.
- In addition, the Committee purchased two new HTs with accessories to present to both Karen and Molly Myer, Science teacher, once they are licensed.

SC Department of Employment and Workforce (DEW): POC Jim Wasson, KO4MNB

May 2024: Provided post meeting

A proposal developed by TARC and the South Carolina Department of Employment and Workforce (SCDEW) has been selected to participate in a scheduled Amateur Radio on the International Space Station (ARISS) contact in December 2024. The ARISS Press Release was posted by Ron Davis on the TARC Website. The contract was signed and submitted.

Tom Glaab AJ4UQ and Jim KO4MNB conducted site surveys on May 8 at all three schools and submitted the Equipment Plan, which was accepted by ARISS. We are waiting on the DEW Communications Director to submit the Live Stream plan next. Students will prepare questions to ask during the ISS contact. The schools that are vying for the ISS contact are as follows:

- Woodland Middle School in Dorchester
- Ronald McNair School in Lake City
- Hillcrest Middle School in Dalzell

TARC team includes Jim KO4MNB, Tom AJ4UQ, Greg KB1AWM, Steve K4OPZ and Steve KO4AFL.

Properties: TW Kirkpatrick KF4CQH

Add GOTA Box to inventory, serialize, and take a picture.

Membership: POC Ron K4TCP

Current membership: 94

Discussion to consider business cards for the club to provide to interested people.

QSL: POC: Chris KC4NW

- Update: 1 QSL card sent out; 1 QSL card received

- N4EE: Maintain N4EE for Special Events and Field Day. David Merritts AE4ZR is the custodian and uploads into QRZ.
- N4HLH: Use for Hunley Events. Ron K4TCP is the custodian and uploads into QRZ.
- W4ANK: Repeater Call Sign for future for club events.

Media: POC Ron K4TCP

- Note: When Mailchi.mp is updated, a notice is added to the TARC (Trident Area Radio Club) FB page.

Program ideas: The following ideas to be considered for future club programming for members.

Please note: The ideas listed below need to be confirmed with an ELMER presenting.

- May: Glen N2GW: Radio modes: APRS, WINLINK Great presentation!
- June: Greg KB1AWM: Chasing DX
- July: Ron K4TCP: How to use CHIRP to program your Baofeng (or other) radio
- Radio activities: satellite
- Propagation information: solar cycle
- J pole and antennas
- Programing for Extras
- Ladder lines

TREASURER: Jim KW4PW

South Carolina Federal Credit Union

- Total balance: \$6,386
- Expenses:
 - Solder station for raffle: \$49
 - State Farm Insurance: \$149
- Earnings:
 - Dues received
- Social media: Website: Dream Host
 - Hosting due **1/20/25**.
 - Domain registration: \$17.99 yearly due **1/16/25**
- Raffle: ARRL Learn CW text (June)

NEW BUSINESS:

Education and Scholarship Committee: Jim Wasson KO4MNB and Stephen Behr K4OPZ

EDUCATION:

St John Catholic School: POC Jim Wasson KO4MNB and Stephen Behr K4OPZ

- All the equipment needed to build a ham radio station was ordered and received
- This expense will be paid for by the school under a grant that they received
- 811 was called. They will be marking the utilities the week of June 3 before we dig
- TARC Volunteers are invited to come to the school at 0900 on June 20 to begin work
- TW was requested to bring the bag of left over hardware from the trailer to the school

SC Department of Employment and Workforce (DEW): POC Jim Wasson, KO4MNB

- ARRL Space Pioneers Amateur Radio Kit Initiative (SPARKI) training will be on July 16-17 at the Dooley Planetarium in Florence for those who will be teaching amateur radio classes next fall at the three middle schools that are participating in the ARISS program. The SC

DEW invited us to participate in a follow-on meeting on July 18 to discuss how we would integrate the SPARKI curriculum into their lesson plans.

W4DAX SCHOLARSHIP Program: POC: Owen Trott, KF5BLK/VA3DFW

- Ideas for the future to increase the number of applicants
 - Only 5 applicants over two years and 3 were personal referrals
 - Ask teachers specifically to talk to students.
 - Consider providing information on the scholarship to the PTA.
- The application is on the TARC website.
- Note: The quality of the applicants has been outstanding.
- Chip Mack, WB4ZVR, will explore the Foundation of Amateur Radio (<https://www.farweb.org/>) as a possible alternative to promote the Scholarship Program pursuant to Tom WA4DAX's approval.
- Owen Trott, KF5BLK/VA3DFW, will take over as the lead for the 2024-2025 Scholarship Program.

Citadel Ham Radio Club N4CIT: POC: Jim KO4MNB, Steve K4OPZ

Col Linda Riedel, Dep Dir of Ops and Outreach, Citadel DoD Cyber Institute: TARC gave her the contact information for the trustee to investigate where the equipment from the previous radio station is stored.

Citadel Adjunct Prof Mark Lester is a HAM. Jim e-mailed Mark Lester and he responded that he would be glad to help restart the Citadel Ham Radio Club.

The Citadel responded back that they would like to have us come in October for Cyber Awareness Month.

Repeaters: Status will be reported monthly. POC: Bryce K4LXF

- Knightsville: 146.94: Switched back to Wallace. This may be an antenna problem
- Adams Run: 147.345
- Monks Corner: Random issues: resolved
- Wallace Road: 100-watt amp replaced: resolved
- Awendaw: 100-watt amp replaced: resolved

Lending Library: A suggestion was made to create a lending library to assist members in advancing their Ham Radion education and licensing.

General Information:

Testing: Testing is scheduled the 3rd Wed of every month. Steve KO4AFL is looking for an alternative site due to voting machines at the Hanahan Library Conference Room.

Jun 2024 site may need to change due to voting.

Two tested: Congratulations to our own new EXTRA Jim Wasson KO4MNB

TARC Logo Shirts: POC Renata, KQ4ASH

Seaboard Traders 2139 North Boland Circle, Suite 200, N Charleston. Diana has the club logo. Phone 843-277-2591. Email: sales@seaboardtraders.com She prefers the official order to come via email so it is in writing if you are not on location.

ADJORN 1930

RADIO OPS class sponsored by the National Electronics Museum.

Here is the link to the signup form:

<https://forms.gle/jKoezyUr5Ak2pvji9>

It takes less than a minute to sign up.

Sessions are recorded and available at tinyurl.com/operate24

The syllabus for the course is:

CW in the no-code era

Digital Modes

Contesting

Logging Software

Amateur Satellites

Portable (backpacking) Operating

Propagation: HF and 6-meter Propagation during the next 4 years near Solar Max

Public Service Communications

Emergency Communications

Lightning Protection and Grounding

Traffic Handling

Setting up a Modern (or not so modern) HF Station

The final syllabus will be posted at the tinyurl.com/operate24 site. Copies of PowerPoint presentations and other information will also be posted at this site.

There is no text required, but “The ARRL Operating Manual for Radio Amateurs, 12th Edition” is available in paperback and Kindle versions, and covers much of the material we will present.

Here is the Zoom info:

Topic: Operating Classes 2023

Dates: Thursdays, Apr 4 through June 20, 2024

Times: 6:30 PM to 9:30 PM Eastern Time (US and Canada)

Join Zoom Meeting

<https://us02web.zoom.us/j/85870775937?pwd=WU1aNndRdGRVOThBV0pweUIJL250dz09>

Meeting ID: 858 7077 5937

Passcode: 981159