

Trident Amateur Radio Club, Inc.  
Membership Meeting Minutes FINAL

4/15/2024



**W4DAX Scholarship Presentations: Jim Wasson, KO4MNB**

**Ms. Johnson**

**Ms. Reece**

**Tonight's Educational Program: April: Glenn WA4NMW:**

Technician Session: Portable Radio Testing: VHF and UHF propagation; antennas: portable vs mobile

**Officers:**

**President** - Steve Anderjack, KO4AFL – Welcome

**Vice President** - TW Kirkpatrick, KF4CQH –

**Treasurer** - Jim Self, KW4PW – Paid Insurance and \$75 signs for Airshow, \$6,252.94 remaining

**Secretary** - Renata Sierzega, KQ4ASH – absent

**Board Member at Large** - Chris Benoit, KC4NW –

**Board Member at Large** - Glenn Stephens, WA4NMW –

**Membership** – Ron Davis, K4TCP – 91 paid members so far

**Testing** – Ron Davis, K4TCP / Steve Anderjack, KO4AFL – 4 signed up for April 17

**Programs** – Greg Mitchell KB1AWM – Glen N2GW next month on Winlink

**QSL manager** –Chris Benoit KC4NW- Received 3 QSL cards from Hunley event

**Repeaters** – Bryce Myers, K4LXF – Colleton County repeater up and running

**Fund Raising** –Jim Self, KW4PW – Breaking even on raffles,

**Properties** – TW Kirkpatrick, KF4CQH –

**Education and Scholarship**- Jim Wasson KO4MNB / Stephen Behr K4OPZ – Last class at St. John school on April 29

**Field Day**- Ron K4TCP, TW KF4CQH and John Satterfield KK4JS

Call to order: 1900

Location: American Red Cross Offices, 2424 A City Hall Lane, N. Charleston, SC

**Upcoming Events**

JBC (Joint Base Charleston) Air Show: 19-21 Apr 2024 POC Chip WB4ZVR MSgt Kocon

- Thursday **4/18/24** is set-up day from 12-5 pm. This would be a good opportunity for those to learn how to set-up the trailer for future events. Please enter via the back gate (AVIATION AVE).
- Friday **4/19/24** is the STEM and Military Day. Meet at 0730 via the back gate (AVIATION AVE). Event begins at 0900
- **Saturday 4/20/24 & Sunday 4/21/24** Regular Airshow Days. Meet at 0800 via the back gate (AVIATION AVE).
- Vehicles subject to search – review list of prohibited items
- Print out Parking Pass in color and place on drivers' side dashboard
- Wear your TARC badge. Bring in coolers before 0900. Monitor 146.520MHz simplex.
- TARC call sign N4EE will be used.
- Display for WINLINK and FT8. Kiosk continuous slide show.

- AF anticipates approximately 5,000 students.
- QR code for information on TARC
- Possibly use two HAM Sticks for Air Show
- **WE NEED MORE HELP!! JOIN US!!**

Museum Ship Weekend: 1-2 Jun 2024 HUNLEY at the Cooper River boat yard at the Friends of Hunley Museum.

- May or may not use the trailer, may just set up like POTA.
- Put together a Get-on-the-Air (GOTA) Box when not using the trailer.
- May be on site for 24 hours or less.

Summer Field Day 22-23 June 2024 POC John KK4JS

- 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.
- Possibly allow 1 TV station to the event.
- Official request was sent to the facility and approved.
- A donation to the church will be made
- Berkley ARES and CARS have been invited to join us. CARS inviting dignitaries.
- Operating radios, fellowship and possible cookout
- Suggested put announcement in ARRL bulletin and send out press release

### **OLD BUSINESS:**

**Maintenance and Deployment Committee:** POC Steve Anderjack KO4AFL Members: Chip WB4ZVR & Jim KW4PW & Mike KJ4TAC & Ron K4TCP & Glenn WA4NMW

- A "curtain" specifically for sound proofing may need to be installed to decrease the sound further.
- Work left to be done:
  - Mount propane tanks after continued floor repair (weld frame "C" channel support)
  - An 8-foot cleanable rug runner may be helpful
  - Some rust spots noted on the trailer frame and needs to be removed
- 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
- 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. All items for the solar side of the trailer are now in our control just need to get a work day to install and test.

**Jim Wallace:** Silent Key. Jim's wife Mary had donated his radio equipment to TARC. Board discussed using the equipment as the "Get-on-the-Air (GOTA) Box" 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.

**Education and Scholarship Committee:**

## **EDUCATION:**

### **Palmetto Scholars Academy** POC Steve Behr K4OPZ

Discussion continues to restart of K4PSA. Steve will also be in contact with PSA teacher. Donna Heisler (engineering teacher, sponsors robotics) Update: New interim principal is interested, but has other pressing responsibilities. Steve met with MacKenzie Bennett, office administration, while returning the ICOM HF radio. She will be in contact with the science teachers and the school club coordinator. A teacher sponsor is needed. No update (Mar 24, Apr 24)

Joint Base Charleston: See info under Events.

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

- Jim KO4MNB met with Karen Durand, Principal about the proposed 2024 Education Program.
- ARRL education curriculum. One lesson per month. April 29 will be the last meeting for this school year to wrap up all outstanding items. Bob Kovach and Helen Deitrick-Kovach will be helping the last student team complete assembly and testing of their transistor radio kit. Great job by the team and their work with the students!
- Two educators (Principal and Science teacher) 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. Steve Behr will remind the principal that she needs to get her application sent to Steve KO4AFL to submit to the ARRL Teacher's Institute.

### **SC Department of Employment and Workforce:** POC Jim Wasson, KO4MNB

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 the July-December 2024 period, and a contract was sent to TARC to execute. Orientation Meetings are scheduled for April 16 and 19. An Education Plan meeting is scheduled for April 26. The Equipment Plan is due on May 15.

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

### **Properties:** TW Kirkpatrick KF4CQH

### **Membership:** POC Ron K4TCP

- 90 paid members. This is the highest number in a few years.
- Steve will bring additional ID badge options. Steve KO4AFL
  - Discussion on obtaining TARC items such as hats, name tags etc. Seaboard Traders 2139 North Boland Circle, Suite 200, N Charleston. Diana has the club logo. Phone 843-277-2591. Email: [sales@seaboardtraders.com](mailto:sales@seaboardtraders.com) She prefers the official order to come via email so it is in writing if you are not on location.

### **QSL:** POC: Chris KC4NW

- 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.

- April: Glen WA4MNV: Technician Session: Portable Radio Testing: VHF and UHF propagation; antennas: portable vs mobile
- Radio modes: APRS, WINLINK
- Radio activities: satellite
- Propagation information: solar cycle
- J pole and antennas
- Programming for Extras
- Ladder lines

**TREASURER: Jim Self, KW4PW**  
**South Carolina Federal Credit Union**

- Total balance: \$6,298
- Expenses:
  - Club Liability Insurance \$431/ yr. (pd)
  - Radio for raffle
- Earnings:
  - Winter Field Day donations: over \$500
  - \$50 for an older radio works
- Social media: Website: Dream Host
  - Hosting due **1/20/25**.
  - Domain registration: \$17.99 yearly due **1/16/25**
- Raffle: Baofeng radio (March 24)

**NEW BUSINESS:**

**Education and Scholarship Committee:**

**EDUCATION:**

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

- \$3,500 Grant was approved for installing an Amateur Radio Station at the school (not from TARC). The Lab would be complete with an Amateur Radio Station, Robotics Lab, AI/AR Futures Lab, etc. The Committee will of course be asking for TARC members to volunteer to help design, procure, build and operate the station

**SCHOLARSHIP:** W4DAX Scholarship: POC Jim KO4MNB

- Ms. Weslica Johnson
  - 20-year veteran high school teacher who teaches Spanish and English as a second language who currently works at Palmetto High School in Williamston as ESOL/CS Teacher
  - Graduated from Woodmont High School in Piedmont with a 4.0 GPA. Graduated in 2002 BA Spanish and 2007 MA Teaching English to Speakers of other Languages from Furman University

- For the last 3 years, she has been studying through the Computer Science Teacher Association. Currently enrolled at Greenville Technical College studying Computer Technology/Cybersecurity. Anticipate graduating with an Associate of Arts and Science Degree in the summer of 2025
- Weslica found out about our Scholarship program from the Citadel STEM Center for Excellence. She is actively involved in Computer Science Professional Development at the Citadel Professional Learning Center and the AFJROTC Leadership Training School
- Currently taking Ham Radio Online Classes from HamRadioPrep.com and wants to take Technician, General and Extra Class tests all at once next month
- Ms. Ella Reece
  - Graduating from Summerville High School next month
  - GPA: 5.3 weighted, 4.0 unweighted
  - Class rank 6 out of 668
  - National Honor Society
  - AP Scholar with Distinction
  - Favorite subjects Math and Engineering, especially digital technology
  - Accepted to both the University of South Carolina and Clemson for Electrical Engineering starting in August, she has decided to attend Clemson.
  - Working at Chick-Fil-A in Goose Creek
- 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.

**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. Jim will follow-up one last time with the Citadel to ask them to make a decision on having us make a presentation this summer.

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

- Knightsville: 146.94: receiver off but working from Bryce's home
- Adams Run: 147.345
- Monks Corner: Random issues
- Wallace Road: 100-watt amp replaced
- Awendaw: 100-watt amp replaced

**General Information:**

**Testing:** Testing is scheduled the 3<sup>rd</sup> Wed of every month.

ARRL News:

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.

Adjourned: 2000

V/R

Jim Wasson  
KO4MNB

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](https://tinyurl.com/operate24)

The syllabus for the course is not yet firmed up, but the subjects will be:

All About Operating

Amateur Radio Organization

Ham Radio Awards

DXing

QSLing

VHF/UHF Weak Signal Work and Roving

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](https://tinyurl.com/operate24) site within two weeks. 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, 12<sup>th</sup> 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