

Trident Amateur Radio Club, Inc.

Membership Meeting Minutes FINAL

3/18/2024



PROGRAM

March: Chip Mack WB4ZVR - "**It's About Time**". A "Whitman's Sampler" presentation about the acronyms, terminology and technology for computer timing and frequency control in the modern ham shack, and why it's important we move toward it.

Please plan on attending and finding out what Celestial navigation, Japan, and Einstein have to do with setting the clock on your windows PC for ham radio.

Officers:

President - Steve Anderjack, KO4AFL – Welcome

Vice President - TW Kirkpatrick, KF4CQH –

Treasurer - Jim Self, KW4PW –

Secretary - Renata Sierzega, KQ4ASH –

Board Member at Large - Chris Benoit, KC4NW –

Board Member at Large - Glenn Stephens, WA4NMW –

Membership – Ron Davis, K4TCP –

Testing – Ron Davis, K4TCP / Steve Anderjack, KO4AFL

Programs – Greg Mitchell KB1AWM -

QSL manager –Chris Benoit KC4NW-

Repeaters – Bryce Myers, K4LXF –

Fund Raising –Jim Self, KW4PW – RAFFLE TONIGHT:

Properties – TW Kirkpatrick, KF4CQH –

Education and Scholarship- Jim Wasson KO4MNB / Stephen Behr K4OPZ

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

Call to order: 1700

Location: Am Red Cross, 8085 Rivers Ave., N Charleston, SC

Upcoming Events

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

- Discussed this STEM event and all supplies and equipment needed
- Friday is the STEM and Military Day.
- TARC call sign N4EE will be used.
- TARC is one of 38 STEM exhibitors. We are the only wireless one.
- Display for WINLINK and FT8
- AF anticipates approximately 5,000 students.
- If you are interested in assisting especially 19 Apr 24, please contact Chip.
- We are ordering T-shirts.
- Discussion on using a QR code for information on TARC instead of paper brochures.
- A “dry run” will be conducted with the trailer this weekend, 3/23/23. Working with digital modes.

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

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

OLD BUSINESS:

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

- First official meeting of this group was held in Feb 24.
- The second intercom system has arrived and the computers and monitors were installed. Sound dampening foam were installed decreasing the dB from 77 to 74. 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, clean and organize the trailer. An 8-foot cleanable rug runner may be helpful. POC Ron K4TCP
- Current focus in preparing for the Air Show.

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.

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 will be the last meeting for this school year to wrap up all outstanding items. 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.
- Thanks to Jim KO4MNB and Stephen K4OPZ and their team for all their efforts in promoting STEM education.

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

Dr. Patricia Ferguson has been in contact with Jim regarding an interest in the Amateur Radio for the International Space Station (ARISS) program.

The ARISS Education Plan is to be submitted by 29 February 2024. The draft was presented to TARC for review on 8 February. A TARC Letter of Commitment has been prepared and was signed by Steve KO4AFL. Tom, AJ4UQ, is named in the proposal as the Technical POC to set up the station for the ISS contact. Greg KB1AWM has also volunteered to assist.

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 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.
- 21+ QSL cards sent out after the Hunley event
- 4+QSL cards sent out for last years' Field Day

Media: POC Ron K4TCP

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

- March: Chip Mack WB4ZVR - "It's About Time" A "Whitman's Sampler" presentation about the terminology and technology for computer timing and frequency control in the modern hamshack, and why it's important we move toward it. Excellent presentation!
- April: Glen WA4MNW: Technician Session: Portable Radio Testing: VHF and UHF propagation; antennas: portable vs mobile
- Radio modes: APRS
- Radio activities: satellite
- Propagation information
- J pole and antennas
- Programing for Extras
- Ladder lines

TREASURER: South Carolina Federal Credit Union

- Total balance: \$6,100
- Expenses:
 - Club Liability Insurance \$431
 - 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

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 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

- To date there are 2 applicants. One from a student and one from a teacher who is returning to college. Both were strong submissions.
- Ideas for the future to increase the number of applicates.
 - Ask teachers specifically to talk to students.
 - Consider providing information on the scholarship to the PTA.
- The application is on the TARC website. Awards to be presented at the 15 April 24 membership meeting.

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.

Repeaters: POC: Bryce K4LXF

- Summerville: POC Steve KO4AFL, Glenn WA4NMW
 - The contract with Summerville was unacceptable. Members cleaned out the building and is assessing the value of the contents.
- Knightsville: 146.94 repeater was dropping the radio link randomly. The controller was working correctly and it appeared the link radio is the issue. Bryce or the repeater team will be replaced the link radio to bring the repeater back to full status.

General Information:

Testing: Testing is scheduled the 3rd Wed of every month. 2 have signed up for this Wed.

POC: Glenn WA4NMW

TO AMEND THE SOUTH CAROLINA CODE OF LAWS BY ENACTING THE "AMATEUR RADIO ANTENNA PROTECTION ACT" BY ADDING SECTION 4-1-190 SO AS TO PROVIDE THAT A COUNTY MAY NOT ENACT OR ENFORCE CERTAIN ORDINANCES THAT DO NOT CONFORM TO THE AMATEUR RADIO PREEMPTION; AND BY ADDING SECTION 27-30-180 SO AS TO PROVIDE THAT A HOMEOWNERS' ASSOCIATION MAY NOT PROHIBIT AN OWNER OF A PROPERTY WITHIN THE ASSOCIATION FROM INSTALLING OR USING AN AMATEUR RADIO ANTENNA ON THE PROPERTY.

There are also matching bills in NC and at the Federal level.

Members should contact their senators to support this bill.

Senators Roger Wicker and Richard Blumenthal Introduce S.3690 to Eliminate Private Land Use Restrictions on Amateur Radio. Mark Smith signed the bill.

<http://arrrl.org/news/senators-roger-wicker-and-richard-blumenthal-introduce-s-3690-to-eliminate-private-land-use-restrict>

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:

V/R

Renata Sierzega

KQ4ASH

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 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 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, 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=WU1aNndRdGRV0ThBV0pweUjJL250dz09>

Meeting ID: 858 7077 5937

Passcode: 981159