



Linear Lines

Trident Amateur Radio Club (TARC) Newsletter

May 2013

From the President

Well, the 40th year is in the books. We are looking forward to the future. We had a great dinner and a short business meeting. We have established a new web site design we are proud of. Please look at the site and provide feedback to the webmaster. Positive suggestions and ideas are appreciated. We are looking for operators for the upcoming "Operating Day" on Saturday the 25th at the Naval Weapons Station. We expect many visitors from the Naval Nuclear Power Training Command to visit the operation. If you are interested in talking to these young people about Amateur Radio come on out from 11 AM to 5 PM. Check out the redesigned TARC website at www.tridenthams.org Let me know what you think. Don't forget the Code practice on 147.27 Mhz every Tuesday night at 7:30 PM followed by the TARC 2 Meter net.

Field Day

Field Day 2013 is June 22-23. It will be held at the Goose Creek Municipal Center on Highway 52.

Volunteers Needed!

Steven Lamendola is looking for more volunteers to help with setup and operators. Contact Steve KE4THX by email or phone 336-740-4382.

Field Day Apparel

Field Day is coming and the TARC club has a bargain for you. Order your T-shirts, hats, etc and get free shipping paid by the club. Bob NG4R will be your point of contact and will be taking orders till the end of April. Price list is as follows: T-shirt 12.95 in S, M, LG, XLG, 2X, or 3x. Hat 9.95 patch 3.00 mug 10.00 pin 5.00.



Financial Report

Starting Balance	\$1,000.14
Income	\$159.00
Expenses	\$15.30
Ending Balance	\$1,143.84

TARC Facebook Page

The Trident Amateur Radio Club now has a Facebook page. If you use Facebook, please go to the page and Like it! Thanks to Tom W4DAX for setting it up.

Operating Day

The next club operating day is scheduled for the 25th of May. It will be at the Naval Weapons Station, next to the bowling alley located on Fletcher Street. For details and additional information see our website at www.tridenthams.org.

New Texting Application

The Trident Amateur Radio Club has a new way for you to keep advised of events happening with the club. If you have a text capable phone you can text **MEMBRS** to **843-325-2827**. You should receive a message to enter your first and last name. Just enter your First name and call. I will periodically send out reminders of the club meetings and other activities. If you have any questions contact Tom W4DAX.

Trident Amateur Radio Club (TARC) meets the third Monday of each month at the American Red Cross at 8085 Rivers Ave # F, North Charleston at 7:30pm.

Website: www.tridenthams.org

TARC Net:

Every Tuesday, 147.27 MHz PL 123.0

7:30 PM CW practice

8:00 PM Net

Upcoming Events:

May 20

Regular Club Meeting

May 25

Operating Day

Contact: Tom Lufkin

June 22-23

ARRL Field Day

Goose Creek Municipal Center, Hwy 52

Contact: Steve Lamendola

October 12

TARC Family Picnic

Cooper River Partners Picnic Area

McCormick, WB4ZOE and Tom Lufkin W4DAX were in attendance.

**After-Action Report
from MS Walk, May 4**

The MS Walk took place on May 4, 2013, and Dennis KG4RUL, David AE4ZR, Tom W4DAX, and Linda KJ4EVV participated as the communications on the course. Since the course was shortened due to weather conditions (gray, windy, and rainy), we were able to get by with a smaller ham response than would have been needed for good weather. The Lincolnville Volunteer Fire Department also had an amateur radio operator on scene. The 146.79 repeater was offered and removed from the linked system for the duration. (Thank you, Charleston Amateur Radio Society!)

**After-Action Report
from Foxhunt**

A beautiful day for hunting the fox. The fox den was in Summerville and the hunters again had a hard time finding him because of no attenuators to help when they got close. David AE4ZR was the first to arrive after a little help. The other station was a new ham and he indicated he looks forward to the next hunt August.

**Birth of telegraph
communications.**

On May 24, 1844, Samuel Morse sent the telegraph message "What hath God wrought?" from the Supreme Court chamber in the Capitol in Washington, D.C., to the B & O Railroad Depot in Baltimore, Maryland. This was the first public demonstration of the telegraph.

Samuel Morse was born in Charlestown, MA in 1781. Morse was also an accomplished artist and painter. He visited Charleston, SC during the winter months from 1818 to 1821. Morse died in 1872.

**After-Action Report
from Tailgate**

The TARC Tailgate Event was held on April 13, 2013. A good time was had by everyone and hopefully everyone found that special item that they needed to buy. Door Prizes were awarded to the following lucky hams in attendance:

Flashlight - K4AOC Vince

ARRL \$25 Gift Certificate - W4DAX Tom

ARRL \$25 Gift Certificate - W4MEL Mel

ARRL \$50 Gift Certificate - W4PCT Jerome

This event earned the club \$129 from vendors and admission, and \$10 from drink sales.

**After-Action Report
from Anniversary Party**

The Forty Year Anniversary Celebration was held at Gilligans. We had a great time and several original members Willie Bennett WB4SOG, Mike

Heathkit Is Dead

The remnants of a once-proud company with a long history in the Twin Cities are now on the auction block. Owner Don Desrochers confirmed this week that Heathkit is dead. Last known as Heathkit Educational Systems, the company that once employed hundreds of people has closed. The work force at the end was a half-dozen. The Heath Co. was founded in 1926 as an aircraft company but shifted its focus several times to remain competitive. After World War II the company switched to the electronics industry and bought a large surplus of wartime electronic parts to build kits. The company once employed as many as 1,800 people in the Twin Cities. Heathkit had left the kit business in 1992. By then its Heathkit Educational Systems division was focusing on selling educational systems. In 2011 Heathkit announced it would get back in the kit business. The work force was down to 15-20 people. “When we got back into the kit business, we were losing the education business faster than web were growing the kit business,” Desrochers said. “It was not sustainable. A lot of us grew up using Heathkit products, and it’s sad they ended the way they did.”

Heathkit is mentioned in Walter Isaacson’s biography of the late Steve Jobs, co-founder and chairman/CEO of Apple Inc. Jobs talks of visiting the garage of Larry Long, an engineer and Ham radio operator who lived down the street from Jobs’ family. He says Long turned him on to “Heathkits, assemble-it-yourself kits for making ham radios and other electronic gear.” Jobs says the kits helped him realize there was no limit to the things a person could build and understand. “When I was a kid both my dad and the Heathkits made me believe I could do anything,” Jobs is quoted as saying.

Equipment Manuals

Need a manual for almost any radio? Go to <http://boxspringsonline.com/resources/radio-manuals>. This is a free site with service manuals and operating manuals for most Amateur radios.

Technician Class Questions

1. What do the FCC rules mean when an amateur frequency band is said to be available on a secondary basis?

(T1B08)

- A. Secondary users of a frequency have equal rights to operate
- B. Secondary users are not allowed on amateur bands
- C. Amateurs may not cause harmful interference to primary users
- D. Amateurs are only allowed to use the frequency at night.

2. When is an amateur station required to transmit its assigned call sign?

(T1F03)

- A. At least once during each transmission.
- B. At the beginning of each contact and every 10 minutes thereafter.
- C. At least every 10 minutes during and at the end of a contact.
- D. At least every 15 minutes during and at the end of a contact.