



MINUTES OF MEETING: JULY 13 2018

CALL TO ORDER: The meeting was called to order at 11:56 by Scott, W7SLM in the training room at Mullis Fire Station.

Introductions:

ATTENDEES:

Peter WA7FUS	Dave K9MRQ	Hoop K9QJS	Paul N7TZW
ED KD7TUN	Peg KI7PJS	David KK6WQ	Kenny KU7M
Bob K7NHE	Scott W7SLM	Dan N6AU	Budd WB7FHC
Steve AG7N	David WA6PXX	Poke KI7NEX	Kent KF7VDD
Wayne WA6MPG	Caleb KD7KAB	Bryan K7UDR	Basil N7NIX
Clark K7LRK	Craig AE7NA		

MINUTES:

The minutes of the June meeting were approved as posted on the web site.

Officer's reports:

• President's report:

- Nine CubeSats have been deployed from the ISS. Three of them are going to transmit telemetry data in the 70 centimeter band.
- ARRL is urging the FCC to prohibit non-amateur satellites from transmitting in the ham bands. (Kenny stated that this discussion has been going on for about 2 years.)
- An 87 kilohertz SSB radio system designed by John Hey, G3TDZ, referred to as the "Heyphone", was used to provide communication for rescuers in the caves in Thailand.

• **Treasurer:**

In absence of Dani, Bryan presented the treasurer's report. The balance is \$5946.70 after field day food bill (\$46.90).

Committee Reports:

- **EMCOM & WhiteBox:** Bryan fielded questions and discussed staffing for WhiteBox drills and emergency call-outs. Replacement of WhiteBox and computer batteries, if needed, was also discussed.

• **Calendar**

August meeting will be held at Mullis since the brewery is not available for that day.

External Calendar

IARU North American Championship

ILLW (International Lighthouse Lightship Weekend) – August 19

Summer Gathering at Valley Camp in Northbend - September 7-9

Old Business:

- Marathon Report – Ed and Hoop – They said that they had 8 volunteers, used APRS, and it went mostly well. Ways to make communication support for future years were proposed and more planning and discussion would help.

- **Field Day wrap-up report:**

Hoop projected a collection of pictures shot at the Field Day stations at both Cattle Point and the Lopez Island Public Market.

Basil reported that on Lopez they again did a public display of ham radio. He said that next year the emphasis will be more on making contacts.

Hoop reported that at Cattle Point there were about 22 participants and visitors. There were 3 stations including one on 40M CW, one on 20 M SSB and one on VHF FM. Dan's CW station utilized an antenna called a West Texas Bug Catcher and the SSB station utilized the square beam which Ed designed and constructed.

• New Business

Scott reported that following on from the public demonstration of ham radio at Field Day on Lopez Brian, K7BLS has been in contact with the Lopez Island librarian who is studying to take a ham license exam. He suggests that the club provide an ARRL License Manual for their library. It was moved, seconded, and approved that we purchase that for them making sure that it covers the recently updated question pool.

Bryan – 44 Net Virtual Private Network:

Bryan reported that work is underway to allow more access to, and routing of, IP addresses included in the class A block of addresses (beginning with 44) owned by amateur radio. This will be covered more in depth at a later date.

Presentations:

K7NHE and K7LRK “activate” islands and a hill top:

On July 4 Clark activated Tip Top on Stuart Island as part of the SOTA (Summits on the Air) program where he made 45 HF contacts. Following this Bob and Clark activated Satellite Island, Johns Island, Gossip Island and Cemetery Island as part of the US Islands Awards Program (Usislands.org). They showed some slides of operations, set ups and marine charts. They made the required 150 contacts to qualify the 5 islands. The W/VE Islands QSO party is Saturday August 25. Bob invited interested operators to come out and participate.

Steve Magnuson AG7GN - "Condo vs Ham Radio: How I Built and Use Station Remote Control."

Having retired from a career in network engineering Steve and his wife moved to Bellingham and into a condo prior to getting into ham radio. Here's where the story begins. As with the typical condo there were no accommodations for outdoor antennas. Additionally, his condo has a metal roof and metal siding. A solution presented itself when the builder of the condo who was also lives in one of its units offered Steve the opportunity to install his antennas on top of a building next door which he also owned. He also offered interior space for his radio and control equipment. You can download and view Steve's entire presentation with narrative, graphics and pictures on the SJCARS Groups.io site.

<https://groups.io/g/sjcars/files/Presentations/Remote%20Rig%20Operation%20AG7GN.pdf>

Thanks to Steve for coming to Friday Harbor and sharing this great presentation with us!

Stories from our shacks:

Ed - Told us about a test range he set up adjacent to his house to verify the performance of the antenna that he had built for Field Day and he reported the results to us with illustrations. He is definitely convinced that his antenna has directivity and gain.

Basil – Showed off a 3D printed rack mount shelf which Kenny and his son had printed for him so that he could better organize his shop desk.

Bob – reminded us that there will be an ARRL Board meeting coming up at the end of the month at which some major policy decisions could be made. He suggested that we watch for details and the minutes of it.

Dan N6AU – showed a QSL card from his contact with NSS during Armed Forces Day in May.

• **Next Meeting – August 10 at Mullis Fire Station**

The meeting was adjourned at 1:35.

Respectfully submitted by: Peter Dahl, Recording Secretary (additions, corrections or comments to Peter Dahl WA7FUS@arrl.net)

**The next club meeting – August 10, 2018
Mullis Fire Station**