



MINUTES OF MEETING: NOVEMBER 9 2018

CALL TO ORDER: The meeting was called to order at 11:42 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 | Kenny KU7M | Tom KK7TX |
| Bob K7NHE | Scott W7SLM | Dan N6AU | Basil N7NIX |
| Bryan K7UDR | Clare KE7WQY | Dan K9WRP | Robin KI7BDF |
| Paul WB6CXC | Corky AF4PM | Steve N8GNJ | Ken K7KCA |
| Clark K7LRK | Greg AE7EL | Mike N7TLL | Steve N4RVE |
| Jim AC7SV | Peter AF5TR | Budd WB7FHC | Alan KJ7BFC |
| Brendan Cowan | Bill KI7QBI | | |

MINUTES:

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

Officer’s reports:

• **President’s report:**

Scott read a quote from the book “200 Meters and Down” about a young ham who, in 1920, had built his whole ham station, including vacuum tubes. Scott highly recommends reading this book.

Treasurer:

Bryan reported for Dani that the treasury balance is \$4802.53 after a payment to Wayne of \$1058.94 for batteries and power supply components for the digital nodes on Vusario on Orcas Island.

- **Calendar**

The next SJCARS meeting will be our Christmas Feast and Elections meeting on December 14. Bryan volunteered to be the Evite coordinator for the event.

External Calendar

December 16 Rookie Roundup CW

- **Old Business:**

Lopez Island VE session: There are 13 new hams on Lopez Island including one 13 year old.

- **New Business**

EMCOM update:

Hoop reported that he is the newly appointed EC (emergency coordinator) for San Juan County. He shared what he has learned about the structure and organization of emergency communications groups supported by amateur radio. The slides and an audio recording of Hoop's presentation are available in the files section of <https://groups.io/g/sjcars> You can contact Hoop or any of his assistant EC's for more information on registering to participate in San Juan County Auxiliary Communications Service.

Brendan Cowan – Director San Juan County and Friday Harbor Department of Emergency Management: Brendan told us about the role of DEM in the community and his role in DEM. He is a facilitator, organizer during preparation for emergencies and when the community is in a state of emergency. He told us how much DEM values the amateur radio community as an important resource. Scott said that he found the beginning level ICS courses that he has taken to be valuable and interesting and he encourages more of us to take them. Brendan said that he would be willing to present what he views as the most relevant areas of the ICS courses in a group setting in the County at a future date. An audio recording of both Brendan and Hoop's presentations can be found in the presentations folder in the files section of <https://groups.io/g/sjcars>

Presentations:

Paul WB6CXC – WSPR (weak signal propagation reporting)

Paul gave us an update his continuously operating 10 mw WSPR station. The signal he transmits is generated by a Raspberry Pi computer to which he has added a band pass filter for purity and has been heard around the world. As designed by Joe Taylor, WSPR certainly is a "weak signal propagation reporter). Paul also showed us some of his other projects and interests. Take a look at Paul's web site:

<http://wb6cxc.com/> to see a complete set of presentation notes for this month's presentation as well as notes from Paul's previous WSPR presentation for SJCARS. On the site and included in the presentation notes you will find many links related to WSPR.

Dan N6AU – Pacificon 2018

Dan reported, with slides and travelog commentary, on his visit to this year's Pacificon hamfest in San Ramon, CA. He said that the Elecraft booth appeared to be very busy writing orders and that their new 1500 watt amplifier is a very exciting product. He showed pictures of it. Other things of interest included parachute mobile operation, various seminars, a large flea market and the famous/traditional ARRL Wouff Hong ceremony.

Amongst the seminars he attended was one on Marconi and the history of radio communication, one on the KPH communication site, and a fascinating hour presentation given by Jonathan Naylor, G4KLX. Regarding KPH, Dan learned that there are a couple of KIWI SDR receivers which have been installed there which anyone can access via the internet, Being a very RF quiet location with superb antennas this is a great resource for us to try out. For more information on the KIWI SDR receivers go to their web site <http://kiwisdr.com/>

Dan said that the parking lot swap meet began to attract customers with their flash lights well before sunrise on Sunday morning. Sellers brought truck/van loads of stuff.

Bryan K7UDR – an introduction to IP networking in San Juan County utilizing HamWan.

Bryan, after reviewing with us his success accessing the HamWan node in Victoria from the beach in San Juan Park, took us on a short trip through their next steps and successes with HamWan. There is now a permanent node connection to HamWan at KI7BFC's home on the west side of San Juan Island and it is connected to Rock Island fiber. Larry, NM7A (on Orcas) has established an Asterisk PBX. There is now the beginnings of a functioning amateur radio based, non-commercial IP phone system which will function which will provide phone services even if the internet connection between the mainland and the San Juan Islands is broken. The meeting was in overtime when Bryan was giving us this overview. He said that he will tell us more about this at the meeting in January.

• **Next Meeting –**

Christmas Feast and Elections Meeting will be held at Mullis Fire Station in Friday Harbor on Friday December 14.

Details on our potluck feast will be sent to all via email.

The meeting was adjourned at 1:55

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

**The next club meeting –
December 14 at Mullis Street Fire Station**