



MINUTES OF MEETING: JULY12, 2019

CALL TO ORDER: The meeting was called to order at 11:40 by Scott, W7SLM in the training room at Mullis Fire Station

Introductions:

Scott recognized there were some new folks present so we did introductions.

ATTENDEES:

Peter WA7FUS	Dave K9MRQ	Hoop K9QJS	Paul N7TZW
ED KD7TUN	Bob K7NHE	Brian K7BLS	Corky AF4PM
Elizabeth KE7KDR	Scott W7SLM	Mike N7TLL	Craig AE7NA
Steve N8GNJ	Clare KE7WQY	Robin KJ7BFD	Mike N7TLL
Peg KI7PJS	Dan N6AU	Larry NM7A	Greg AE7EL
Wayne WA6MPG			

MINUTES:

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

Officer's reports:

• President's report:

•Scott noted that RM 11831 is up for comments. It deals with proposed restrictions on some digital modes. See details on the SJCARS groups.io site.

•A proposal was brought up at the World Radio Conference by a group which wants to take the lower half of the 2m band (144-146 mhz) and reallocate it to aeronautical services. The IARU strongly opposes this.

•RM 11843 proposes that a narrow sliver of the 8 meter band around 40 mhz be allocated to ham radio. There is interest in studying the propagation of this part of the spectrum.

•**Treasurer's report:**

Dani reported via email that our treasury balance is: \$5142.54

• **Committee Reports**

• **EMCOM:**

Hoop reported that Brenden has given SJACS 2 surplus printers for white boxes. One of them has been installed at Mullis and the other is at Orcas Fire. Other requests for used printers have so far not yielded any more.

• **Repeaters**

Scott requested a follow up on last month's discussion regarding the club's Yaesu DR1x repeater which is going to be used on Lopez Island. Nobody knew whether or not Bryan had yet ordered a duplexer to use with it.

• **Calendar -[SJCARS](#)**

July, and August meetings will be at Mullis Fire Station

- Saturday September 14 – Lopez Picnic

- October and November meetings will be at Mullis Fire Station

- Our Christmas Holiday Feast and election meeting will be on Saturday December 14 at Mullis Fire Station.

External Calendar

Both our internal and external calendar in the files section of SJCARS groups.io

Upcoming ham radio activities include ILLW, APRS Summer Gathering, Salmon Run WA QSO Party, and more.

- **Old Business**

- San Juan Island Marathon: Hoop reported that on June 16 a few volunteers supported this event and their help was appreciated. A report has been posted on our io.groups web site.

- Field Day reports:

- Greg reported that he and Elizabeth operated a low power solar station on the beach on Shaw Island on 20m and 40m for the two days with good results and fun.

- Larry reported that the station at his house on Orcas operated in the 1D class on 80,40 and 20 making just over 100 contacts including one digital contact with the SJCARS FD on Lopez.

- The Lopez group reported that they operated 2 stations with about 15 operators attending. They reported that their goals of fun, good food, and safety were all met. Hoop reported that many of their contacts were on FT8.

- Dan set himself up a station in the back of his truck on a bluff near Cattle Point and filled a couple of pages of CW contacts.

- Bob K7NHE operated an all solar station from his Stuart Island home making several pages of contacts on 20 and 40 meters. Mike, N7TLL made a FD contact with a station specifically requesting a QSL card for San Juan Island. Bob has invited the club to participate in Field Day 2020 at his home on Stuart Island.

- **New Business**

- Island Rec 8k Fun Run: Hoop reported that at least 3 or 4 volunteers are needed on Saturday August 17.

- Amateur Radio promotion: Hoop also reported that Jim Perez KE7GAB has again invited SJCARS hams to attend the annual picnic which he puts on August 3 at his home on San Juan Island for the LDS church. He wants assistance in showing off ham radio to this group who are very interested in preparedness and communication.

- International Lighthouse Weekend: Greg, Scott, and Larry will be docents for the weekend on Patos Island and will operate a station to activate that island's lighthouse. Dan will operate from Cattle Point. Ed, Mike, others will again operate from Cattle Point Lighthouse. Though Bob will not be available he said that arrangements could be made to getting to Stuart and operating from there.

- Echolink: Ed volunteered to host our echolink node since Bryan is unable to continue hosting it right now.
- Club banner proposal: Hoop reported that ARRL has made a new banner available for sale to clubs. He is particularly impressed with it's message and design since it includes the ham radio objectives: "Skill, Service, and Discovery". This led to discussion of the banner, it's size, price, and potential uses. Hoop made a motion that we purchase this banner for \$75 from ARRL. A motion was made to table the discussion of this proposed purchase until our August meeting. The motion to table was passed.
- Badges: Mike passed the club badge ordering information to Peter (secretary). We will post that information on one of our club resource sites. Mr. T's Trophy's in Mount Vernon is the vendor who keeps our templet on file. Peter stated that what he wants on a club badge is the club name (San Juan County Amateur Radio Society) in addition to the ARRL logo and member's name and call sign. Peter will contact Mr T's and check to see what flexibility we have on the current design.

Stories from Our Shacks:

- Dan asked about tests that Ed is going to do to verify the usefulness of the propane generator (shown last month) for extended powering of club repeaters in case of a long power outage. Ed said that he has not run his full proposed test.
- Dave reported on continued efforts to ensure a reliable network connection to the club's DSTAR repeaters which he hosts in the woodshed at his house. Dave showed us the small case which houses the IRCDDDB gateway for the repeater and also a watchdog timer device which is intended to reboot the Raspberry Pi computer periodically. He explained that this package connects to the Icom VHF and UHF DSTAR repeaters and their controller unit and also connects wirelessly to the router in his house. To accommodate the IP needs of the DSTAR repeater gateway Larry hosts a VPN (virtual private network) computer at his house for the gateway since Dave's internet service provider does not provide the required port forwarding. The challenge has been to ensure the link between Dave's and Larry's so that our repeaters will have all of the DSTAR linking resources available to them. It's a fragile link but we keep getting closer to full time reliability.

- Bob has been working on reactivating a Collins S Line. He invited us to come to his house after the meeting to see it.
- Scott is experimenting with a 10 to 30 mhz AEA isoloop mag-loop antenna which he recently acquired. He says the results have been quite impressive.
- Ed said that he is going to visit Alan KJ7BJC on the west side of San Juan Island with a 2 meter yagi antenna to see if he can use it to allow Alan to communicate with our repeaters on Cady. There is no direct path between Alan's house and Cady. Ed also told us that his new shop/garage project is coming well and quite rapidly.
- Steve N8GNJ expressed interest in experimenting with an Icom 1.2 Mhz repeater to try Digital Data mode. We pointed him toward Corky for further information on availability.
- Larry has installed a VHF antenna at his house.
- Brian – K7BLS put up a 20 meter dipole and is having fun with FT8.

The meeting was adjourned at 1:15

Respectfully submitted by: Peter Dahl, Recording Secretary (additions, corrections or comments to Peter Dahl

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The next club meeting will be Friday August 9 at Mullis Fire Station