

## Presidents Corner

It's that time of year again. The autumnal equinox is past but I don't think the tons of Pumpkin spice have arrived just yet. However we do need to think about next year. Elections... Not presidential or even primaries but the radio club board. I would like to invite any of you who may be interested in serving on the board to get in touch with me at [wa6uds@arrrl.net](mailto:wa6uds@arrrl.net). The commitment is 11 board meetings a year. We meet on the second Thursday of the month at 7:30 at the club house. We are exploring a number of new ventures in the next year. We will be replacing the roof of the club house; redesigning the license training classes; collaborating with the Marin VOAD; installing a tower with a SteppIR beam and replacing all the antennas at the club shack; Reaching out to schools with STEM programs to interest teachers and students in amateur radio. To bring all of these new projects off and to complete our ongoing projects we need a variety of skills and opinions to do the best job. No prior board experience is needed and you don't need to run for office. If you have questions I am happy to chat and I welcome your interest.

The in the first paragraph I mentioned Marin VOAD. VOAD is an acronym for Voluntary Organizations Active in Disaster. Their mission is to: Foster effective service delivery to those affected by disasters in Marin through collaboration. On September 17 Doug Slusher KF6AKU, Skip Fedanzo KJ6ARL and I attended the day long Marin VOAD Disaster Readiness Conference with about a hundred and fifty other folks representing about one hundred organizations. Many of the attendees were the usual suspects like various county agencies, RACES, the Red Cross, etc. But many were not who you would first think of like mental health providers, social service agencies, churches and synagogues, CERTs, NRGs, FireWise, and others.

*Continued on page 2*

## From the Editor

Ed Essick, K6ELE

### California QSO Party

This weekend is the California QSO Party (CQP) sponsored by the Northern California Contest Club (NCCC). The NCCC has over 500 members from all over Northern California and parts of Nevada who like to participate in radio contesting. This contest started in 1966 and it's very popular with all hams. NCCC member stations range from what are often called "super stations" with 100ft plus towers to those who use simple wire antennas. Although NCCC sponsors the contest, hams from all over the US participate. For this contest, any California station is sought out for a contact. This means if you participate, you are the DX!

I have operated in this contest for the past six years as the contest gives me a chance to improve my operating skill, test my radio equipment, and have fun. This year I will be using my new solid state amplifier, which should help due to our bad band conditions. Some enter the contest by going to a county in California that might be underrepresented by other operators. All of the California counties will be represented in the contest. You do not have to sign up to make some contacts, just get on the air as stations from all over the US will be looking to make California contacts.

This is the K6S group that operated from Siskiyou County in 2018, complete with a portable crank up tower.



What's Happening In Radio

ARRL News

Public Service

Treasurers Report

Minutes

The day included speakers, panel discussions, and table top exercises. A topic that was mentioned in all the desk top exercises was communications which of course is what we do. I feel it was a day well spent but I am left with the feeling that we in MARS have a lot to offer beyond our repeater system. That said we need to develop the infrastructure within the club to be able to offer assistance in time of disaster. I was impressed by a mantra that pretty much all the professional speaker chanted. "Don't Self Deploy" and they were not speaking to just us hams but everyone who wants to help. For our skills and stations to be effective we need to be where we are needed. How this will work is what we need to define.

## ARRL News

Amateur Radio CubeSats among 15 Set to Launch on October 21

AMSAT reports that an Antares II launch vehicle will carry 15 CubeSats into orbit on October 21 from Wallops Island as part of NASA Educational Launch of Nanosatellites Mission 25. Some will carry Amateur Radio payloads.

- TJ REVERB, developed by students at Thomas Jefferson High School in Alexandria, Virginia, will carry a 145.825 MHz APRS digipeater.
- HuskySat, a University of Washington - Seattle project, will be boosted into a 500-kilometer (approximately 310-mile) orbit via the Cygnus external deployment device. HuskySat will carry a V/U linear transponder provided in cooperation with AMSAT.



## Pacificon 2019

Mark your calendars for Pacificon 2019. See the brochure on the next page.

## What's Happening in Radio

Oceania DX Contest, Phone, 0800Z, Oct 5 to 0800Z, Oct 6

Russian WW Digital Contest, 1200Z, Oct 5 to 1159Z, Oct 6

California QSO Party, 1600Z, Oct 5 to 2200Z, Oct 6

RSGB FT4 Contest Series, 1900Z-1959Z, Oct 7

Nevada QSO Party, 0300Z, Oct 12 to 2100Z, Oct 13

Arizona QSO Party, 1600Z, Oct 12 to 0600Z, Oct 13 and 1400Z to 2400Z, Oct 13

Pennsylvania QSO Party, 1600Z, Oct 12 to 0500Z, Oct 13 and 1300Z-2200Z, Oct 13

ARRL EME Contest, 0000Z, Oct 19 to 2359Z, Oct 20

JARTS WW RTTY Contest 0000Z, Oct 19 to 2400Z, Oct 20

ARRL School Club Roundup, 1300Z, Oct 21 to 2359Z, Oct 25

CQ Worldwide DX Contest, SSB, 0000Z, Oct 26 to 2359Z, Oct 27

## Pacificon 2019

### Map & Address for PACIFICON 2019 at the San Ramon Marriott Hotel



**San Ramon Marriott Hotel**  
2600 Bishop Drive  
San Ramon CA 94583  
1-925-867-9200

Take highway 680 to Bollinger Canyon Rd. exit in San Ramon. Go east on Bollinger Canyon Rd. First left onto Sunset Dr. Second left onto Bishop Dr. About 1/4 mile to Hotel on left. Parking is limited. See instructions on website.

**www.PACIFICON.org**  
EVENTS-SCHEDULES-REGISTRATION



**PACIFICON AGAIN  
TAKES PLACE IN  
SAN RAMON CA**

### PACIFICON 2019

P.O. Box 31372  
Walnut Creek, CA 94598  
E-mail: [info@pacificon.org](mailto:info@pacificon.org)  
(925) 288-1730

Talk-in: 147.060 + (PL 100Hz) East Bay  
145.390 - (PL 100Hz) South Bay  
See website for updates

**www.PACIFICON.org**  
EVENTS-SCHEDULES-REGISTRATION

## The American Radio Relay League Pacific Division



**The Ham Radio Convention**  
October 18, 19 & 20, 2019

### 2019 EVENTS INCLUDE:

All Day Friday Antenna Seminar  
Outstanding Technical & EmComm Forums  
Saturday Cash Breakfast with Gordon West  
Special Appearance by Bob Heil  
Carole Perry - Youth STEM Educator  
Latest Ham Radio Equipment in Vendor Hall  
Saturday Banquet with Keynote Speaker  
Special Youth and Adult Kit Building  
Get On The Air - Special Events Radio Station  
One Day Technician & General License Prep Classes  
Scout JOTA & JOTI, & Radio Merit Badge Class  
Ham License Exams - Technician, General, Extra  
Sunday Ham Radio 101 & 201 Seminars  
Great Sunday Swap Meet  
Sunday Digital Academy

TAKES PLACE AT THE:

**MARRIOTT  
San Ramon**

**ADMISSION: \$25 IN ADVANCE**  
(Some events are additional - see Registration Form)

An ARRL Pacific Division Convention- Produced by the  
Mt. Diablo Amateur Radio Club (MDARC)

**www.PACIFICON.org**  
EVENTS-SCHEDULES-REGISTRATION

October 18-20 PACIFICON Amateur Radio Convention at the San Ramon Marriott Hotel, San Ramon CA





Saturday Breakfast  
with Gordon West

Saturday Banquet  
with Keynote Speaker

Scout JOTA-JOTI &  
Merit Badge Class

Special Appearance  
by Bob Heil



Latest  
Ham Radio  
Equipment for Sale

One Day Technician  
& General License  
Prep Classes

Ham License Testing



## ARRL PACIFIC DIVISION HAM RADIO CONVENTION

*"The Science of Radio"*

*Produced by the Mt. Diablo Amateur Radio Club*

October 18, 19 & 20, 2019  
San Ramon Marriott  
2600 Bishop Drive  
San Ramon, California 94583

**GENERAL ADMISSION:**  
**\$25 IN ADVANCE - FOR ALL 3 DAYS!**

*Tickets at the door will cost \$30; 17 years old & under are free;  
College Students with valid student ID (25 & under): \$5*

**\*\* Some events have additional cost \*\***

If you need hotel accommodations  
either call Marriott Hotel Reservations at  
925-867-9200 by Sept 18, 2019 (per availability)  
to ask for the Special Pacificon rate of \$142/night,  
or reserve your room on-line at [www.pacificon.org](http://www.pacificon.org)

**Go to the Pacificon Website for  
Events - Schedules - Registration**  
**WWW.PACIFICON.ORG**

**\*\* Events are subject to change - check website \*\***



Outstanding  
Technical Forums

Sunday Swap Meet

Kit Building

Ham Radio 101 & 201

Carole Perry  
Youth Educator



All Day Friday  
Antenna Seminar

Sunday Digital  
Academy

Get-On-The-Air  
Special Events Station

Transmitter Hunt



### **PACIFICON Advance Registration Information**

Deadline for hotel room advance reservations: Sept. 18, 2019 (per availability). Deadline for Convention mail-in registration postmark using form below: Oct. 1, 2019. Deadline for on-line registration at [www.pacificon.org](http://www.pacificon.org): Oct. 6, 2019. For mail-in registration, please enclose check or money order for full amount. All registrants: pick up registration packet at the PACIFICON Will-Call Desk on arrival.

### **Advance Registration Form**

**PACIFICON 2019, October 18-20, 2019**

Please print name and address

Name

Call Sign (if you have one)

Address

City  State  Zip

Phone

Email

**\*\* If you are buying registration for others, please  
attach a sheet with their names & call signs**

**PACIFICON admission @ \$25 = \$**   
\$30.00 at the door; 17 & under are free; College  
students with current student ID (max 25 yrs): \$5

**Antenna Seminar @ \$20 = \$**   
(Friday only; Requires Pacificon General Admis-  
sion ticket; PDF downloads with seminar info  
will be made available to paid attendees)

**Banquet (Saturday eve) - How many?**

Rib Eye Steak @ \$59 = \$

Chicken @ \$59 = \$

Salmon @ \$59 = \$

Vegetarian @ \$59 = \$

**TOTAL = \$**

**PACIFICON admission fee does not include Antenna  
Seminar, Banquet, or Ham License Exam fee. Ham  
License Exam does not require Pacificon admission fee.**

**For registration questions email or call:**  
[registration@pacificon.org](mailto:registration@pacificon.org); 925-778-8977

Make check payable to: **PACIFICON**

Mail To: **PACIFICON**  
PO Box 31372, Walnut Creek, CA 94598

## Public Service

### The Adventure Revival

Once again, THANK YOU. The Adventure Revival, featuring 150 cyclists making one of three loops (Spicy, Medium and Mild,) mostly on fire roads, went quite smoothly. As you all know, this was a first-time event, and the co-sponsors are hoping that it becomes an annual. This first one was a fundraising success for the NorCal High School Cycling League.

It was the first time that MCBC and NorCal had worked together. It was the first time in a long time (revival) for a Marin cycling event to feature “adventure riding,” meaning dirt roads. It was our first time to put net control at the Fairfax Pavilion, and it gave us first-time rest stops to staff: a hike-in stop on the San Geronimo fire road, the Bolinas Ridge trailhead, and the Inkwells down in the canyon on Sir Francis Drake just east of Sam Taylor SP.

Vanessa, the executive director of NorCal, told me that when she saw our net control operation and watched Ann in action, her stress level went way down, and her confidence that the event was well in hand went way up. Higher praise we cannot expect.

Because the event was mostly off-road, our SAGs were mostly stationary—for hours and hours, it seemed. Special thanks to Don and Mark for handling that inaction with grace. Of course, the fact that our services (I was SAG 3) were not needed was good news—the event was well organized: all the stations were well-equipped, and there was only one accident that was worse than road rash. Whew.

A special shout-out to Chris and John, our motos—they, at least, were always on the move, looking for incidents and protecting the riders for those on-road segments. Thanks, gents—and your comms were (usually) quite good. Special recognition should also go to our two radio-sweeps: Michael Sexton who rode the long “Spicy” course and Oliver who did extra duty when the unfamiliar, not-so-well marked course required him to climb more hills, hurrying to catch up with the back of the pack—thanks for all that extra effort, Oliver—and regrets for the frustration you had to endure while looking for a parking space in Fairfax.

Rob and I will do some work to evaluate the use of APRS—once again it did give us helpful information—but then it turned frustrating when the digipeater that Rob hiked out onto Bolinas Ridge stopped working and we lost almost all packet signals. At key points, it failed us when Oliver needed locational information, causing even more disappointment. Thanks for your extensive “IT consultant” comments on the continuing APRS experiment, Skip.

Also special thanks to the relatively new members of our Public Service team: John H, Mitch, Charlie, and Chris. For those of you who didn’t join us for the morning shift at the Fairfax Pavilion, you missed the wry, sardonic, and wicked-funny wit that Larry Loomer displays—and thanks, Larry, for joining me in the dark at 6am for our setup there.

All went well—thanks to the weather (well, maybe not the weather—the fog and mist was wet and chilly at four of the five rest stops). It went well thanks to the organizers’ skill, to the skill of the cyclists, the knowledgeable rest stop volunteers, and (of course) the skill, good judgement and excellent radio protocol of all of you. Thank you, colleagues! It’s a privilege to work with you, and I look forward to the next time. If you didn’t make it to the finish line, you missed fantastic paella and ice cream—and your tee-shirts will be waiting for you at the Clubhouse.

As always, it was a pleasure to work with Tom Boss and Dana Martin of MCBC (farewell to Dana—it was her last day on the job.) Coco and Vanessa of NorCal were also terrific as the event manager and overall boss. Thanks, and we’ll see you again next year.

Cordially,  
Michael Fischer K6MLF





## Public Service Webmaster Team

We are looking for a volunteer to be part of a 2 person team to keep the public service part of our website up to date. Dale Komai has volunteered to be half of the team. Dale has extensive webmaster experience in WordPress and will be the technical support for this team. Needed is someone with word processing ability and web experience would be a plus. Please contact Michael Fischer if you can help out with this important job.

## MARS Picnic

The annual club picnic was held on Saturday September 7<sup>th</sup> at Piper Park. Over 40 club members attended and shared in good food and conversation. If you missed it this year, be sure to attend next September.







# Treasurer's Report

Marin Amateur Radio Club

B of A General account - 4328, Period Ending 08/31/2019

## RECONCILIATION REPORT

Reconciled on: 09/25/2019

Reconciled by: MH Consulting & Bookkeeping Group, Inc.

Any changes made to transactions after this date aren't included in this report.

### Summary

USD

Statement beginning balance	41,447.97
Checks and payments cleared (9)	-1,479.26
Deposits and other credits cleared (2)	3,056.00
Statement ending balance	43,024.71

Uncleared transactions as of 08/31/2019	-909.66
Register balance as of 08/31/2019	42,115.05

### Details

#### Checks and payments cleared (9)

DATE	TYPE	REF NO.	PAYEE	AMOUNT (USD)
08/05/2019	Check		PGE	-197.00
08/05/2019	Check		DSL EXTREME	-53.82
08/05/2019	Check		Mill Valley Ref	-43.94
08/12/2019	Transfer			-800.00
08/13/2019	Check		ATT	-78.40
08/13/2019	Check	1891	Steve Toquinto	-100.00
08/13/2019	Check	1890	Curtis Ardourel	-113.60
08/13/2019	Check	1889	MILT HYAMS	-18.07
08/13/2019	Check		MMWD	-74.43
<b>Total</b>				<b>-1,479.26</b>

#### Deposits and other credits cleared (2)

DATE	TYPE	REF NO.	PAYEE	AMOUNT (USD)
08/12/2019	Deposit		member dues	606.00
08/12/2019	Deposit		Sharon Miller	2,450.00
<b>Total</b>				<b>3,056.00</b>

### Additional Information

Uncleared checks and payments as of 08/31/2019

DATE	TYPE	REF NO.	PAYEE	AMOUNT (USD)
06/24/2019	Check	1881	Andrew Muelleman	-11.00
06/30/2019	Check	1036	M. Fischer	-797.00
07/26/2019	Check	1884	M. Fischer	-101.66
<b>Total</b>				<b>-909.66</b>



# Marin Amateur Radio Club

## BALANCE SHEET SUMMARY

As of September 29, 2019

	TOTAL
<b>ASSETS</b>	
Current Assets	
Bank Accounts	93,877.36
<b>Total Current Assets</b>	<b>\$93,877.36</b>
Fixed Assets	58,983.00
<b>TOTAL ASSETS</b>	<b>\$152,860.36</b>
<b>LIABILITIES AND EQUITY</b>	
Liabilities	
<b>Total Liabilities</b>	
Equity	152,860.36
<b>TOTAL LIABILITIES AND EQUITY</b>	<b>\$152,860.36</b>

# Marin Amateur Radio Club

## PROFIT AND LOSS BY MONTH

July 31 - August 31, 2019

	JUL 31, 2019	AUG 2019	TOTAL
Income			
Dues		606.00	\$606.00
Rent		2,450.00	\$2,450.00
<b>Total Income</b>	<b>\$0.00</b>	<b>\$3,056.00</b>	<b>\$3,056.00</b>
<b>GROSS PROFIT</b>	<b>\$0.00</b>	<b>\$3,056.00</b>	<b>\$3,056.00</b>
Expenses			
Awards		100.00	\$100.00
DSL		53.82	\$53.82
Food		131.67	\$131.67
Garbage		43.94	\$43.94
Utilities		275.40	\$275.40
Water		74.43	\$74.43
<b>Total Expenses</b>	<b>\$0.00</b>	<b>\$679.26</b>	<b>\$679.26</b>
<b>NET OPERATING INCOME</b>	<b>\$0.00</b>	<b>\$2,376.74</b>	<b>\$2,376.74</b>
<b>NET INCOME</b>	<b>\$0.00</b>	<b>\$2,376.74</b>	<b>\$2,376.74</b>

# MINUTES

## BOARD OF DIRECTORS MEETING

September 12, 2019

**Held at:** Clubhouse, 27 Shell Ave., Mill Valley, CA

**Board members present:** Curtis Ardourel WA6UDS, President; Mitch Martin WU1Q, Vice President; Ed Essick K6ELE, Treasurer; Milt Hyams KM6ASI, Secretary; and Tom Soskin W6MTS, member.

**Absent:** Anthony (Skip) Fedanzo KJ6ARL and Marc Bruvry KF6VNT, members

**Other attendees:** K6GWE Trustee Doug Slusher KF6AKU.

### 1. Call to Order:

The meeting was called to order at 7:44 pm by Curtis Ardourel.

The agenda, as amended to add items concerning the roof repair and club elections, was adopted.

### 2. Approve minutes:

Minutes of the August 8, 2019, board meeting were approved without objection.

### 3. Secretary's Report (External Communications):

Nothing to report. Correspondence was distributed to the appropriate Board members.

### 4. Treasurer's Report:

Ed Essick reported the most recent Profit and Loss Statement, year to date, was as published in the latest QSA-5. He also reported that cash on hand, outside of the CD, is \$43,154.

### 5. Membership Chair Report:

Curtis reported that 128 members are current for 2019, exceeding 2018 membership total.

### 6. Education Chair:

The Education Committee had decided to restructure the licensing classes to emphasize hands-on instruction on how to be a ham with multiple sessions to include Elmer's working directly with the students, in addition to instruction on the exam materials.

### 7. Facilities Chair:

Doug reported that housekeeping supplies for the clubhouse have been obtained. He suggested that the club resume bringing in a cleaning service to maintain the bathrooms. He will locate an appropriate service for the purpose.

### 6. Old business:

a. Curtis reported he is continuing to pursue the Tamalpais Union High School District for scholarship candidates who are hams.

b. Curtis is refining the details of a Youth Member Award and will bring it back to the Board soon.

c. The Annual MARS Picnic will be held this Saturday (September 14, 2019), at Piper Park in Larkspur, from 11 AM to 3 PM. While RSVPs have been coming in, it is anticipated that the attendance will be significantly greater than the RSVPs so far. Last year's attendance was about 35 and the attendance this year is anticipated to be about the same. There has been only one RSVP of regret so far. ED will be making the COSTCO run for the picnic and other Board members volunteered to help Doug set up.



d. Curtis reported that Esther has confirmed to cater the Annual Christmas Party. Consistent with her preference it will be held on December 11, 2019. As previously decided, the cost will be \$25 advance sale tickets and \$30 after November 27<sup>th</sup>.

e. The club's tenant, Sharon Miller, has made other arrangements for housing her guest, so there will be no additional tenants in the apartment as a result of his visit. She has withdrawn her request.

## **7. New business:**

a. Michael Fischer K6MLF, has requested reimbursement for a Green 1 in. binder D-ring (\$7.99); Tabbed binder dividers (\$3.19); snap blade utility knife (\$.59); 12 pack of bungee cords (\$6.99); a tire gauge (\$5.99); and mast lube oil (\$30.74), plus tax, for the Comm Truck. It was **M/S/A** that Michael Fischer be reimbursed the above amounts for the truck supplies. He has also requested a cell phone for the truck. He has a burner phone that he uses, but the sense of the Board is to get a regular cell phone account with a permanent phone that will be permanently secured in the truck.

b. Curtis requested a modified MailChimp account at \$9.99 per month for three users for Curtis and Ed to send out group mailings (such as QSA-5) to the membership. The third user can be either the Public Service Committee or Jamie for the Education Committee, depending upon greater need. .

It was **M/S/A** that Curtis' request, as set forth above, be approved.

He also pointed out that the club needs a credit card for accounts such as MailChimp and Quickbooks, as most vendors want a credit card to secure payment for subscriptions. He has been using his personal credit card so far. Ed will investigate potential business credit card accounts the club can open.

c. Curtis announced that the club will support the San Rafael Harbor Rotary End Polio bike ride.

d. It was **M/S/A** to purchase 10 SDR dongles for the Education Committee for use in the licensing classes, pursuant to the request of the Committee.

Tom proposed purchasing inexpensive HTs for hands-on training for these classes consistent with the new direction for these classes. He will submit a more specific recommendation at a later meeting.

e. The need to review and update the public service web pages has been pointed out as it still lists a number of events that are no longer supported. Curtis will survey the Public Service Committee and raise the issue at the next general membership meeting to see if there are any qualified candidates who would be willing to volunteer for such a project.

f. Milt reported that the search for a contractor to replace the clubhouse roof and repair the outside deck door has been completed. A total of four bids have been received: JAM Construction; Wedge Roofing; Aussie Roofing and Conner Consulting and Contracting. The proposals from Aussie Roofing and Conner best met our needs as they were able to perform both tasks without having to Sub-contract for the additional work required. After considerable discussion about the merits of each proposal, the consensus was that Conner Consulting and Contracting's proposal best met our needs at relatively the same price. It was also decided to not mount the antenna tower on the roof which will save approximately \$4,600 in antenna installation and reinforcement cost, plus perhaps some of the engineering costs proposed. There were concerns about the severity of the dry-rot around the door and drainage issues on the deck and whether these were fully addressed in the proposals.

It was **M/S/A** that the Conner proposal be accepted, subject to changes regarding elimination of the antenna installation and further clarification concerning dry rot issues and deck drainage. Further that Milt and Doug be authorized to further negotiate with Conner for a revised proposal addressing the requested modifications and to bind the club to a contract not exceeding \$60,000 for the entire project. They may submit a final contract meeting the above criteria to Curtis for execution on behalf of the Board without further Board action.

g. It was pointed out that club Board elections will be coming up in two months. Tom will not be running for reelection because of his pending move to Texas. Milt and Skip will be running for reelection, leaving a vacancy on the Board for which at least one candidate will be needed. Curtis will canvass the membership for potential candidates who might be interested in running for the Board to challenge the incumbents and fill the vacancy. The slate must be in place to submit to the General Membership Business Meeting in November.

**8. Good of the order:**

Nothing new.

**9. Executive Session:**

None.

**10. Adjournment:** Meeting adjourned at 9:15 pm  
Respectfully submitted by

**Milton Hyams**

**Secretary**, on September 13, 2019



# MINUTES

## GENERAL MEMBERSHIP MEETING

September 6, 2019

**Held at:** Clubhouse, 27 Shell Ave., Mill Valley, CA

### 1. **Call to Order:**

The meeting was called to order at 7:32 pm by Curtis Ardourel.

### 2. **Introductions:**

There were a total of 27 members and guests present. Board members and officers present: Curtis Ardourel WA6UDS, President; Mitch Martin WU1Q, Vice President; Milt Hyams KM6ASI, Secretary; Anthony (Skip) Fedanzo, KJ6ARL, member; Tom Soskin W6MTS, member; and K6GWE Trustee Doug Slusher, KF6AKU .

New members Diana Bauer, KI6QPE, Peter Bauer W6DXJ and Thomas Weldon KM6MMA were introduced.

### 3. **Adopt Agenda:**

The agenda was adopted as presented.

### 4. **Approve Minutes:**

It was M/S/A that the minutes, from the August 2, 2019, General Membership Meeting be approved.

### 5. **Board Actions:**

Curtis stated there was nothing new or urgent to report.

### 6. **Fun with Ham Radio:**

Mark Hindman (N6CS) reported that he attended the Pacific Northwest DX Convention in Seattle. They put out a lot of interesting information and he had an opportunity to meet a number of amateur radio luminaries. Sharon Primbsch (AA6XZ), a visitor from the East Bay Amateur Radio Club announced she had a set of Drake HF radios with power supply for sale if anyone was interested. Steve Wilson (W6SDY) made a pitch for trying JS-8 Call. It is a remarkable new digital mode which can get the message through under even the worst band conditions. Mitch Martin (WU1Q) described in stalling a full wave sky loop for a friend (Art Bell). It can alter take off angle by adjusting phasing. A DPD'T relay is key to adjusting the phasing. He is willing to share plans for the antenna to anyone interested.

### 7. **Secretary's Report—External Communications:**

None to report.

### 8. **Treasurer's Report:**

The most recent Treasurer's Report is in the latest QSA-5.

### 9. **Committee and other Reports:**

Membership : As of the close of business of September 5, we now have 122 members exceeding total membership for 2018. Public Service: Rob Rowlands (NZ6J) announced that MARS will be providing service in the MCBC Adventure Revival bicycle event on Saturday . We need volunteers for the Escape from Alcatraz event on Saturday, September 21<sup>st</sup>, for which the Net Control will be located at the clubhouse and for an "off the books" Bay Area bicycling event for which two SAG drivers/operators are needed for Friday, September 29th. Net Control will be in San Francisco at Ft. Mason. Volunteers should check with Rob or Michael Fischer.

Facilities: Doug reported that three roofing contractors have been contacted concerning clubhouse roof repairs and that we have received one bid so far with another due Monday or Tuesday. We have not heard back from the third contractor. We have enough money on hand to pay for the repairs but will solicit contributions with the dues for next year in the bills to go out in December, as we will try to do the painting this year as well.

Education: A new Education Committee has been formed and has been meeting. They have recommended that future licensing classes emphasize teaching how to operate as a ham along with the fundamentals necessary for passing the license exam.

**10. Old business:** None.

**11. New business:** The Club picnic for 2019 will be held at Piper Park in Larkspur, as it has in recent years, from 11 AM to 3 PM, on September 14, 2019. Food and drink will be provided however salads, chips or deserts would be appreciated. Please RSVP at W6SG.net. An HF station will be set up and be operating during the picnic.

**12. Good of the order:** The presentation tonight will be the first of a series of classes to provide the necessary orientation to be eligible to borrow equipment from the Club's lending library of equipment.

**13. Adjournment:**

It was M/S/A that the meeting be adjourned at 8:18 pm.

**Presentation:**

Steve Wilson (W6SDY) made a presentation on RFI and Electrical Noise Detection as well as on how to use the MFJ electrical noise and ultrasonic interference detectors acquired by the Club. He went on to point out that PG&E infrastructure is in increasingly poor repair and that their staffing to detect problems has diminished in recent years. We, as hams, can help detect and report the problems to PG&E, who will respond to issues when pointed out. He showed two ARRL videos on noise detection techniques and provided a hand-out for attendees.

Respectfully submitted by

**Milton Hyams**, , Secretary, on September 9, 2019.



**Marin Amateur Radio Society W6SG.NET, membership@w6sg.net** General Membership Meeting is held on the first Friday of each month at Alto District Clubhouse at 27 Shell Road in Mill Valley, starting at 7:30 PM. Come a little early for pizza or whatever. From highway 101, head west toward Mill Valley on E. Blithedale. Turn right at the first stop light. Stay right at next stop sign, then turn left at next corner, Shell Road. We are in a two story building, second from the corner on the left directly under the power lines.

**Business/Board Meeting** meets at the Alto District Clubhouse in Mill Valley on the second Thursday at 7:30 PM. Members are encouraged to attend.

**Sunday morning informal meeting** meets every Sunday morning at the Alto District Clubhouse in Mill Valley starting around 8am and runs to about 11am. Sometimes we even talk about radio.

**The Sunday Emergency nets.** The K6GWE emergency VHF net check-in is at 10:15 am on 147.700 (-pl 203.5). This is a directed net and the net control station may operate at the club house or at a member location. Members on the net check-in list that do not check in for three consecutive weeks are removed from the list until they reestablish check-in. Any member can sign up to act as the net control station. See the club website for signup instructions. The W6SG emergency HF net check-in is at 9 am on 3.915 Mh.

<p><b>Marin Amateur Radio Society Officers and Board Members:</b></p> <p><b>President</b> Curtis Ardourel, WA6UDS</p> <p><b>Vice President</b> Mitch Martin, WU1Q</p> <p><b>Secretary</b> Milt Hyams, KM6ASI</p> <p><b>Treasurer:</b> Ed Essick, K6ELE</p> <p><b>Board Members</b> Curtis Ardourel, WA6UDS, 510-290-6069 Milt Hyams, KM6ASI, 415453-3867 Skip Fedanzo, KJ6ARL, 415-924-0584 Marc Bruvry, KF6VNT 492-9292 Ed Essick, K6ELE, 415-456-1715 Mitch Martin, WU1Q Tom Soskin, W6MTS, 415-342-2372</p> <p><b>Other Positions:</b></p> <p><b>Education Chair</b> Randy Jenkins Kris Backenstose Instruction Team Leader.</p> <p><b>VE Liaison</b> Grant Pritchard</p> <p><b>Building Manager</b> Doug Slusher</p> <p><b>Trustee for W6SG</b> Mitch Martin, WU1Q</p> <p><b>Trustee for K6GWE</b> Doug Slusher KF6AKU</p> <p><b>Sunday Emergency Nets</b> Mark Bruvry</p> <p><b>DX Representative of ARRL</b> Jerry Foster WA6BXV 892-3829</p>	<p><b>Public Service Event Coordinators</b> Michael Fischer, K6MKLF Randy Jenkins KA6BQF Rob Rowlands, NZ6J Larry Bradley KK6QPE</p> <p><b>Membership</b> Curtis Ardourel, WA6UDS</p> <p><b>Editor of QSA5</b> Ed Essick, K6ELE e.essick@comcast.net</p> <p><b>ARRL San Francisco Section Manager</b> Bill Hillendahl KH6GJV@ARRL.ORG</p> <p><b>WEBMASTER</b> Curtis Ardourel, WA6UDS</p> <p><b>HF Sunday Net Control</b> Mark Bruvry, KF6VNT</p> <p><b>VHF Sunday Net Control</b> Steve Toquinto, KB6HOH</p>
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