



The

March 2022

Propagator

The Monthly Newsletter of the South Orange County Amateur Radio Association

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General Meeting

NPM Center
March 21, 2022
7:00 PM
Norman P. Murray
Center
23492 Veterans
Way, Mission Viejo,
CA 92692

Presidents Message - March 2022

This month again is the beginning of SOARA's election process. The SOARA Constitution and Bylaws require that the SOARA Board of Directors present a proposed slate of candidates every year at the March General Meeting. It also specifies that terms of the SOARA Officers and Directors be elected for 2 year terms, with the Officers (President, Vice President, Secretary, and Treasurer) elected in even numbered years, and the Directors (Communications, Education, Membership, Publications, Repeater, Technical) elected in odd years. 2022 being even, we are electing the Officers.

Although all current officers have agreed to run again, we highly encourage anyone with an interest in serving as any of the above officers to through their hats into the ring. A couple of us have been serving for some time, and wouldn't object to being replaced. We will be taking nominations from the floor at the upcoming meeting. Feel free to nominate yourself, or another member in good standing. Please, however make sure that the person you nominate has agreed to run and serve.

Once we have all nominations from the membership at the March meeting, electronic ballots will be sent to all dues current members, around April 1, and the results will be announced at the April 18 meeting.

This is an opportunity to help your club, and bring activities and policies that you favor to the club. Also, whether you run or not, please take the time to fill out and return your electronic ballot when you receive it.

Another note: we're still looking for someone to fill the Membership Director's position, so please don't hesitate to check out the position. Ed, WA6ED will gladly train you, and if you have any questions feel free to contact me, Erik, W6INE, or Ed about the duties of the position.

**73 to all,
Ray AE6H**

Contacting Soara: Questions about SOARA? Postal mail: P.O. Box 2545, Mission Viejo, CA 92690
Send e-mail to membership@soara.org or leave a message at 949-667-0173
Facebook: K6SOA Twitter: @K6SOA

[General Meeting at 7pm, March 21st - Norman P. Murray Center](#)

Guest Speaker: Michael Spohn N1SPW to explain Parks On The Air

At our last online meeting, there was an expressed interest in Parks On The Air (POTA). Michael Spohn has some experience with POTA and will join us to explain how POTA works.

POTA began as a sponsored activity of the ARRL in 2016. It's goal was to get Ham operators out of the shack and into the field, particularly at Federal and State parks and National Forests. When the program ended at the end of 2016, it had become so popular, a group of Hams created a 501(c)(3) nonprofit organization to keep it going.

In Mike's presentation, he will discuss the history of POTA, its explosive growth, and how you can get started in this fun activity. He will also explore the gear he uses, how he deploys it in a park, and many of the things he has learned - the 'hard' way. If you are looking for an incredibly fun and challenging Ham experience - join us at the March meeting in person at the Murray Center or on the Internet.

You can also join the SOARA meeting from your computer, tablet or smartphone.

[Link to meeting](#)

You can also dial in using your phone.

United States: +1 (872) 240-3311 Access Code: 374-927-125

Erik Wresch
W6INE

[SOARA Elmer Saturday, 3/26/22 Murray Center](#)

I updated the SOARA Saturday page on www.soara.org. Go there and see the schedule. The next SOARA Saturday will be at the Murray Center, March 26, 9am to noon, coffee and donuts will be provided. Bring your Arduino and Raspberry Pi projects to demo and talk about.

Here's the SES link: <https://www.soara.org/activities/soara-saturdays/>

The SOARA Saturday tech net log is under the above link too.

73,
Ed, WA6ED

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SOARA Membership Report

We have one new member, David KN6TAF. If you hear him on the air, say HI.

We are at 236 total active members. 217 paid dues and 16 unpaid. Membership is proceeding well. I have sent several reminders to those where dues are unpaid. If you are unpaid your membership will go inactive 3/21/22.

Let me know if you need a badge, lanyard or email a copy of the membership manual PDF. I will be updating the manual soon. If you have any roster database changes, please let me know. Email membership@soara.org.

**73,
Ed, WA6ED**

SOARA Nets and Repeaters

We all understand that amateur radio is about communications, but it is much more than that. It includes learning from others, interacting with others, teaching others, and improving our service (hobby).

Having said that I would like to talk about our nets and our repeater system.

On Temple Hill in Laguna we have six repeaters, three FM and three D star and they can be linked within their modes.

On Santiago Peak we have two FM repeaters that can operate stand alone or as a linked set.

When we have recurring nets such as Tuesday, Wednesday and Saturday, they link automatically about five minutes before the net is due to start.

Tuesday, 147,645, 224.640, 447.180 and sometimes 146.025, are linked at 7:55pm.
Wednesday I manually link 147.645 with 447.180 and sometimes 224.640, at 6:55pm.
Friday, we link the repeaters if there is a request otherwise the net is at 7pm on 447.180.
Saturday , 147,645, 224.640, 447.180 and sometimes 146.025, are linked at 8:55am.

This happens every week so please listen before you key down.

On a different note I would like all of you to use our repeaters more often, especially the Temple Hill repeaters in Laguna. Whether you enjoy talking on FM or on D star we can accomodate you.

Heiko AD6OI
Director of Communications for SOARA

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[Swap Meets and Auctions are Back](#)

One of the most fun I have as an electronics enthusiast and amateur radio operator is attending electronic swap meets and auctions. They are great places to pick up some cables, used ham gear, test equipment and much more.

The Yuma Hamfest and Swap meet was held February 18-19 in Yuma, AZ. There were a number of good presentations and a swap meet. As usual, I found some bargains, including 2 BK8514 1200W Programmable DC loads (need repair) for \$40, a Bird 79-2 coax switch (DPDT - rare) and a big variable capacitor and tapped inductor. Plus assorted coax connectors and switches. They also had new equipment for sale in the Exhibit Hall. \$10 for all weekend - a great deal. I highly recommend attending next year.

We have two local swap meets that are up and running monthly.

The TRW Swap meet is held on the last Saturday of each month. The swap meet hours are 7:00 AM to 11:30 AM., located on the southeast corner of Aviation Blvd. and Space Park Drive (one traffic signal south of Marine Ave.) in Hawthorne, CA. More information can be had at [W6TRW Swap Meet](#) The next one will be on March 26, which conflicts with SOARA Saturday, then April 30 and May 26. They even happen on Christmas - attendees are pretty dedicated. SOARA has a booth where excess club equipment is being sold by Heiko, AD6OI. There were about 30 vendor booths in February. My find last month was a 3 pack of 433 MHz remote controlled outlets for \$20.

The Claremont Amateur Radio Society (CARS) Radio/Electronics Swap meet is held on the third Saturday of each month, except December. 6:00am to 11:00am, at the parking lot of Granite Creek Community Church 1580 N Claremont Blvd, Claremont, CA 91711. There are usually 15 or so vendors selling radios, components and other items. I picked up a AR-22 antenna rotor and control box rebuilt and tested for \$40. The next swap meet is April 16, which unfortunately conflicts with SOARA Saturday.

There was also a used equipment sale at Silicon Salvage in Anaheim. They had a really diverse selection of RF gear, test equipment and assorted stuff. This is a great surplus sale and it is definitely worth going to when they have them.

There is also the former ACP Swap Meet, used to be held on the 4th Sunday of each month at Edinger and Grand in Santa Ana. This event has mostly faded away and there were no vendors the last two months, but I mention it just in case it re-appears. Finally, SOARA is holding an auction at our November General Meeting. There rules will be different than at prior SOARA auctions to make the auction go more quickly and to avoid the many unsold items that plagued prior SOARA auctions. Details on auction rules and item limitations will be sent to all members by email are in this Propagator.

Finally, AD6OI is running a swap meet at his house, 4 Parrell in Foothill Ranch on Saturday mornings for the next few months. If you want to buy, stop by. If you want to sell, bring a table for your stuff and a chair. Contact ad6oi@soara.org for details.

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Remember, one person's "junk" is another person's "treasure".

Dale - W6EDT

SOARA Statement of Income and Expenses
October 1, 2021 - February 28, 2022

Five Months Ending	February 2022	February 2021	Increase (Decrease)
General Account:	2,022	2,021	(Decrease)
Income:			
Memberships	7,268	10,109	(2,842)
Other	1,479	873	606
Total Income	8,747	10,982	(2,236)
Expenses:			
Repeaters including site rental & insurance	3,325	3,071	255
All Other Expenses	2,930	608	2,322
Total Expense	6,255	3,678	2,576
Net Income	2,492	7,304	(4,812)
Beginning Cash - October 1	25,697	20,661	5,036
Ending Cash - February 28	28,189	27,965	224
Raffle Account:			-
Current Year Net Cash	(235)	(153)	(82)
Beginning Cash - October 1	2,044	2,214	(170)
Ending Cash - February 28	1,809	2,061	(252)
Total Ending Cash	29,998	30,026	(28)

Note: If any member has questions about the financials, please contact the Treasurer or any board member.

Ron Mosher - K0PGE
SOARA Treasurer

SOARA Library

As some of you have already heard the AD6OI/SOARA Library is now up and running at our house. (Please see attached picture for details). This library contains ARRL Handbooks, Repeater location guides, Tech modification books, radio and electrical books and a wealth of radio related information. For now the library will be open from 1pm to 4pm on Saturdays, and other times by appointment, if you call first, either by radio or telephone. E-mail will also work but allow at least 24 hours for a reply.

Thank you
Heiko AD6OI
Director of Communications for SOARA

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[SOARA Equipment For Sale Online Site](#)

Based on numerous requests from SOARA members for a place to post Ham Radio related items for sale to other club members, we have set up an opt-in based Mailman mailing list on our server. Interested SOARA members are invited to join the mailing list. The SOARA organization and Board of Directors do not provide any warranty or guarantee for the items being advertised, buyer beware!

To subscribe, navigate to:

<https://soara.org/mailman/listinfo/forsale>

Enter your "real" email address, not your at "soara dot org" alias. You must be able to send and receive email from the address you provide.

Once subscribed, you will receive email when other members post items for sale. When posting to the list, you should provide an accurate description of the item for sale, its condition, and asking price. Replies to postings should be sent to the poster of the item, and not the list.

The archives of postings are publicly available on the web here:

<https://soara.org/pipermail/forsale/>

This mailing list may be suspended or discontinued at the discretion of the SOARA Board of Directors should that become necessary.

Brian, NJ6N

2022 SOARA Calendar

Month	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sept.	Oct.	Nov.	Dec.
General Meeting 7:00 PM	24 Online	28	21	18	16	20	18	15	19	17	21	-
Program	Vehicle Repeaters	-	-	-	Spring Auction	Field Day Prep	-	-	-	-	-	-
FCC Ham Exam 6:00 PM		-	-	-	-	-	-	-	-	-	-	-
Education Classes 8:00 AM			13	17	15	-	17	14	18	16	13	-
SOARA Elmer Saturday 9:00 AM	29 WFD Gillieran	Mar 5	26 Murray Center	23 Murray Center	28 Gillieran Park	25 FD Gillieran	23 Gillieran Park	27 Gillieran Park	24 Murray Center	22 Murray Center	26 Murray Center	-
SOARA T-Hunt 1:00 pm	updates	updates	Updates	Updates	Updates	Updates	Updates	Updates	Updates	Updates	Updates	updates
Board Meeting	31	Mar 7	28	25	23	FD	25	22	26	24	28	-
Special Events	Quartz- fest 17-23	Palm Springs Yuma		Visalia DX	Dayton Ham- vention	ARRL Field Day 25-27	HRO Ham Jam		SOARA Picnic 18	JOTA 16-18		SOARA Holiday Party TBA
Major HF Contests		ARRL DX-CW 20-21	ARRL DX-SSB 6-7 CQWPX SSB 27-28		CQWPX CW 29-30	ARRL Field Day 25-27			CQWW RTTY	CQWW SSB	CQWW SSB	
Volunteer Events	OC Chili Run	Paws Fur Pink OC Chili Run	OC Chili Run Baker to Vegas	Dessert Storm Rally Ride for Rwanda	HD Trails LH Marathon	ARRL Field Day 25-27	MV Fire- works 4				Vision Quest OC Marathon 7	

Dates subject to Change - Check the SOARA Web Site (<http://www.soara.org>) to verify locations and times or click on the live links in the table

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SOARA Information

SOARA meets at the Norman P. Murray Center, 24932 Veterans Way, Mission Viejo, CA on the third Monday of every month at 7:00 PM. For the months of January and February the third Monday is a holiday and the meeting is held on the fourth Monday.



License Exams: Amateur License Exams are given prior to SOARA meetings, except June. Exams are at 6pm. Prior registration is not required and walk-in applicants are welcome. For June, exams are held at Field Day. For further information, email Sean Reigle, AJ6B, at aj6b@soara.org.

SOARA Library: SOARA has many amateur radio related books such as hand books, books about electrical theory, etc. available to lend out to club members. Contact Heiko Peschel ad6oi@soara.org for more info.

Web Site: SOARA maintains a web site with current club information. The URL is: <http://www.soara.org/>

Repeaters: The Laguna Beach, San Clemente, and Trabuco repeaters are open. The Santiago Peak repeaters are closed. For details or questions on the repeaters contact the repeater director, or repeater@soara.org.

	2m	—	147.645	-	(110.9)	Laguna Beach
	2m	—	146.025	+	(110.9)	San Clemente
	2m	—	145.240	-	(110.9)	Trabuco
D-STAR	2m	—	146.115	+	(K6SOA C)	Laguna Beach
	220	—	224.100	-	(110.9)	Laguna Beach
	220	—	224.640	-	(pvt)	Santiago Peak. (C)
	440	—	445.660	-	(110.9)	Laguna Beach
D-STAR	440	—	445.705	-	(K6SOA B)	Laguna Beach
	440	—	447.180	-	(pvt)	Santiago Peak. (C)
D-STAR	1.2G		1282.600	-	(K6SOA A)	Laguna Beach

Nets:

- 40 meter HF (7.200 MHz +/- , Sundays @ 8 AM
- 10 meter HF (Technicians Welcome) (28.415 +/-) Sundays @ 9 AM
- General Membership Net - UHF/VHF (447.180, 147.645 & 224.640): Tuesdays @ 8 PM
- Astronomy - VHF 147.645: Wednesdays @ 7 PM
- D-STAR (146.115 C module): Wednesdays @ 8 PM
- Dinner Net - 147.645, 224.640, 447.180: Fridays at 7 PM
- Tech Net - 147.645, 224.640, 447.180: Saturdays @ 9 AM
- California Rescue Communications (Gordo Net) HF (7.250 MHz +/- for QRM): Weekdays @ 8:30AM
- MVRACES - 447.180: Tuesdays @ 7PM
- Tri-Cities RACES - 146.025: Wednesdays @ 8 PM
- LNACS - 147.645: Thursdays @ 7 PM
- OC Parks Fire Watch - 447.180: Thursdays @ 8 PM

SOARA OFFICERS

President: Ray Hutchinson, AE6H 949-322-8468
ae6h@soara.org

V.P.: Erik Wresch, W6INE 714-883-7694
w6ine@soara.org

Secretary: Charles Schultz
NY6I@soara.org

Treasurer: Ron Mosher, K0PGE 949-363-0047
k0pge@soara.org

SOARA DIRECTORS

Repeater: Brian Roode, NJ6N 949-257-2749
nj6n@soara.org

Publications: Dale Tyler W6EDT 949-360-1717
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Membership: Ed Barnes, WA6ED 949-468-7706
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Technical: Tom Hobbs, AE6SH 949-830-8131
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SOARA APPOINTMENTS

Past President: Tom Hobbs, AE6SH 949-830-8131
ae6sh@soara.org

Activities Coordinator: Joe Perrigou K7KCE
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S. Saturdays: Ed Barnes, WA6ED 949-468-7706
wa6ed@soara.org

Raffle: Bill Colvin KM6FOY km6foy@soara.org

Testing: Steve Kuver K6UVR k6uvr@soara.org

Website: George Robinson KN6OFF
kn6off@soara.org

Ambassador: Spencer Ammermon, NG6K
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