



The

April 2022

Propagator

The Monthly Newsletter of the South Orange County Amateur Radio Association

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General Meeting

NPM Center
April 18, 2022
7:00 PM
Norman P. Murray
Center
23492 Veterans
Way, Mission Viejo,
CA 92692

General Meeting at 7pm, April 18th - Norman P. Murray Center

Please join us either in person (preferably) or online using the GoTo meeting platform. Sorry to say.....but we do not have a guest speaker this month with a specific topic of presentation. We do, however, have things to discuss with our membership and will, therefore, still be serving some decaf coffee and snacks this evening.

We do need to go through the Connex box at Gilleran Park (SOONER THAN LATER) to inventory what we have for Field Day as well as what we DON'T HAVE. We will be surveying the membership for help on this and would like to have this scheduled by the end of the evening. Likely going to be a Saturday but that might be flexible. Would like to get an idea of who can be available to participate in Field Day operations. Field Day period is Friday afternoon, June 19th - Sunday afternoon June, 21st with the contesting period being 10 am Saturday to 10 am Sunday. This is our biggest event of the year and as much help as possible is appreciated.

How many of you would like to sell stuff at the auction next month? We've been trying to find an alternate way to do this, but we may have to do it the same way we did last October and we will discuss what that looked like. Auctions are a great way to clear out your clutter and offer a used item to a possible new ham who is looking to buy some equipment.

Remaining time can be spent chatting with one another.

For those who are not able to be in person, we have GoTo (previously known as GoToMeeting) available by clicking the link below.

[Link to meeting](#)

**Erik Wresch
W6INE**

[SOARA Elmer Saturday, 4/23/22 Murray Center](#)

I updated the SOARA Saturday page on <https://www.soara.org/activities/soara-saturdays/>. Go there and see the schedule. The next SOARA Saturday will be at the Murray Center, April 23, 9am to noon, coffee and donuts will be provided. Hotspots, Zum Spots, Jumbo Spots. Run various digital modes over the internet. OLED or Nextion display setup. DMR, DSTAR, FUSION. Bring your hotspots/projects and questions!

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

**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 accommodate you.

Heiko AD6OI
Director of Communications for SOARA

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

[Transmitter Hunting](#)

In addition to the T-Hunts conducted by SOARA, there are other activities nearby. Latest news from <http://homingin.com>:

Two opportunities to experience on-foot hidden transmitter hunting in southern California are coming soon.

On Saturday, May 14, 2022, the annual "Antennas In The Park" two-meter transmitter hunt and barbecue will take place at Hillcrest Park in Fullerton. For those who need equipment, there will be a building session for measuring-tape antennas and offset attenuators. Experts will be on hand to get you started. (Click for a Web page with details.)

Then on Saturday, May 21, there will be an on-foot two-meter transmitter hunting session in Felicita County Park in Escondido with a barbecue to follow the hunt. (Click for a PDF with details.) For earliest notification of these events, you can [join the southern California ARDF mailing list](#).

[Peanut - DMR/D-STAR from Your Android Phone](#)

Recently, I was made aware of a nifty tool, called Peanut. Peanut is an application which allows a ham radio operator to get on digital radio, without actually having a radio. Peanut does not replace a radio, but it allows you to be on the air when a radio, reflector or hotspot is not readily available.

Peanut supports D-STAR and DMR, and also has its own "rooms" such as "USA". Not all reflectors allow for peanut to be connected, but many do, and it works well. Peanut runs on Android 4 or higher or Windows and it requires a network connection (data or wifi).

Peanut was developed in The Netherlands by David PA7LIM. An introduction to Peanut, video's and downloads can be found here: <https://www.pa7lim.nl/>. After downloading and installing the application, you need to register with your Callsign, after which you will receive a code, and you can start using Peanut.

**Have fun and 73's,
Harald - AJ6LU**

[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 April 30, which does not conflict with SOARA Saturday, then May 28 and June 25. 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 10 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 May 21, 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.

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

Dale - W6EDT

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

Six Months Ending	March 2022	March 2021	Increase (Decrease)
Income:			
Memberships	7,408	10,289	(2,881)
Other	475	1,068	(593)
Total Income	7,883	11,357	(3,474)
Expenses:			
Repeaters including site rental & insurance	3,797	4,383	(586)
All Other Expenses	2,195	620	1,575
Total Expense	5,992	5,003	989
Net Income	1,891	6,354	(4,463)
Beginning Cash - October 1	27,741	22,722	5,019
Ending Cash - March 31	29,632	29,076	556

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

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.

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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 Cancell ed	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
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SOARA APPOINTMENTS

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

Activities Coordinator: Joe Perrigou K7KCE
k7kce@soara.org

S. Saturdays: Ed Barnes, WA6ED 949-468-7706
wa6ed@soara.org

Raffle: Bill Colvin KM6FOY km6foy@soara.org

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