



# Propagator

The Monthly Newsletter of the South Orange County Amateur Radio Association

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## General Meeting

NPM Center  
July 17, 2023  
7:00 PM

Norman P. Murray  
Center  
23492 Veterans  
Way, Mission Viejo,  
CA 92692

## President's Message

Greetings Members,

This month, as we find us in the midst of a several week long record setting heatwave, I want to remind everyone of the things we as hams, good neighbors, and community members we can and should be doing.

While you may volunteer as a member of ARES/RACES, Red Cross, CERT, Fire Watch, or maybe others, our very first responsibility to these groups prior to reporting to any possible activation, is to be sure we've made adequate preparations and have taken the necessary steps to insure we, ourselves and our families are prepared.

Our very first preparation and consideration in a heat wave like the one we're currently experiencing is hydration. Adequate hydration isn't simply drinking enough liquids, but it is critical that we're drinking the right kinds of liquids,. Drinks containing caffeine block hydration, as do drinks containing alcohol, or large amounts of sugar such as poplar soft drinks and colas. Plain water is much preferred, but even better are drinks that restore electrolytes, such as sports drinks. Electrolyte deficiency as as disabling as and is often a component of serious dehydration.

Once ourselves and our families are adequately prepared, well hydrated and are minimizing strenuous activities, especially outdoor, then we may want to extend our preparations by checking on neighbors and relatives. We should be reminding them to drink, watch their electrolyte levels, and be sure they are able to keep cool and limit exertion. Especially if you have elderly friends and neighbors, it would be good to try to make contact by phoning or even knocking on their door. Heat exhaustion and heat stroke are 911 level emergencies.

Remember we can be of service as hams and neighbors, even if our emcomm group hasn't been activated. If they are activated, and you have done all the above, then you can be of greater service, by being able to fully concentrate on your emcomm duties and responsibilities knowing that we are fit, our families are prepared and our neighbors safe. This is true for other emergencies as well.

For now, stay well hydrated, stay cool, and as always be prepared to activate if needed.

**73 DE Ray, AE6H**

**General Membership Meeting**  
**Monday, July 17 @ 7:00 pm.**  
**Norman P. Murray Center**

SOARA Members,

Please join us at the Murray Center on July 17th for our July Membership Meeting.

This month we will welcome Kevin from Bioenno Power in Santa Ana as our first vendor in quite some time. Kevin will be bringing the BLF series battery products, BSP (lite series) panels, and the latest powerpack and controller to show.

If that's not enough to get you to come down to the meeting, then maybe the opportunity of not one, but **TWO DOORPRIZES!** might get you to come down; A BLF 1215A plus charger, and a BLF 1220A plus charger.

**Erik Wresch W6INE,**  
**SOARA Vice-President**

**Note:** Ham Radio Examinations will take place prior to the General Meeting and also at the Murray Center. Testing session starts at 6pm and is \$15/session.

Pre-registration is not required and you don't need to be a SOARA member to take the test. Please contact our Education Director, Steve Kuver, if you have questions about testing at [k6uvr@soara.org](mailto:k6uvr@soara.org)

## 2023 SOARA Field Day Log Summary

2023 Field Day Totals	
Total Contacts	Total Unique Stations
640	558

Totals By Band / Mode			
Band	CW	Phone	Digital
160	0	0	0
80	3	0	12
40	2	169	78
20	90	95	26
15	12	38	10
10	0	1	20
6	0	28	11
2	0	23	0
1.25	0	5	0
SAT	0	0	0

  

Total by Logging Computer		Total Contacts by Mode	
Computer	Contacts	Mode	Count
DESKTOP-47NMDN1	106	CW	107
DESKTOP-MKABUS3	223	DIG	157
Rachel-PC	191	PH	376
surface	120		

Summary By Hour										
Date/time	160	80	40	20	15	10	6	2	1.25	SAT
20230624 18:00						1	6	9		
20230624 19:00			5		2		8	4	3	
20230624 20:00			4		8		4		2	
20230624 21:00			17	5	6		2			
20230624 22:00			11	15	1	2	4			
20230624 23:00				1	5	14	8			
20230625 00:00					10	1	2			
20230625 01:00			4	5		3	1			
20230625 02:00			6	16	4					
20230625 03:00				40	2					
20230625 04:00		2	4	10			1	1		
20230625 05:00			52	19						
20230625 06:00			50	11				2		
20230625 07:00		3		10						
20230625 08:00			6	20						
20230625 09:00			11	12						
20230625 10:00			30	8						
20230625 11:00			5	9	1					
20230625 12:00			5	10						
20230625 13:00			5	10						
20230625 14:00			23	6				1		
20230625 15:00			10	1						
20230625 16:00			2	5	2			3		
20230625 17:00			6	20		3	3			

  

Summary By Operator	
Operator	Contacts
WA6LDI	120
K6UVR	116
K6HIV	106
WE4BY	97
W6INE	56
N6SNX	52
KN6FOA	33
K6MSM	14
N5KZV	14
K6NOV	12
N6PM	7
AE6HY	5
WE	4
	2
N5KZB	1
K0PGE	1

## SOARA Membership Report

We're currently at 213 active members.

We're pleased to welcome six new members who joined us at Field Day:

Tedd Johnson, KO6AI  
Wayne Record, KN6UPL  
Linda Record, KN6VWW  
Steven Nagielski, KD9TIF  
Bonnie Frisch, KN6YPO  
Anthony Contreras, KN6HEC

If you need a new badge or a copy of the repeater manual, send me an email at [membership@soara.org](mailto:membership@soara.org).

**73, Greg, N6PM**  
**SOARA Membership Director**

### SOARA - Statement of Cash Income & Expenses October 1, 2022 Through June 30, 2023

SOARA - Statement of Cash Income & Expenses October 1, 2022 Through June 30, 2023,			
Nine Months Ended:	June 30 2023	June 30 2022	Increase (Decrease)
Cash Income:			
Memberships	10,419	7,878	2,541
Other	<u>8,327</u>	<u>2,133</u>	<u>6,194</u>
Total Cash Income	<u>18,745</u>	<u>10,011</u>	<u>8,734</u>
Cash Expenses:			
Repeaters including site rental, utilities & insurance	13,159	5,771	7,388
Member Activities	3,191	2,174	1,017
Other expenses	<u>933</u>	<u>1,169</u>	<u>(236)</u>
Total Cash Expenses	<u>17,282</u>	<u>9,114</u>	<u>8,168</u>
Cash Net Income	1,463	897	566
Beginning Cash-October 1	<u>25,860</u>	<u>27,741</u>	<u>(1,881)</u>
Ending Cash - June 30	27,323	28,638	(1,315)

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

**Ron Mosher - K0PGE**  
**SOARA Treasurer**

## **SOARA Nets and Repeaters**

As many of you already know, SOARA has nets two nights a week and both Saturday and Sunday. There are also many other nets on our repeaters as well.

We have about seven or eight different net controls for over two dozen available positions every month, depending on whether the month has four or five turns available.

We are always looking for more Net Control operators so please apply if you want to join our select group.

In general our nets are friendly and easy going but there are some rules that we should follow, not many thank goodness.

- The FCC requires you to identify with your call sign within ten minutes of getting on the air and every ten minutes thereafter including when you finish the conversation.
- We (SOARA) as well as almost all organizations with repeaters ask you to identify yourself with your FCC issued I.D. when you first get on the air and then follow the FCC guidelines, including when signing off.
- Other than that we try to avoid controversial subjects that might displease or anger others.

Now to the fun part.

- First of all, all SOARA nets are directed nets and the Net Control is in charge.
- In a conversation with a friend recently we came up with some thoughts and ideas on how to run an amateur radio net and also how to respond to it.
- As Net Control you should try to let your guests do the talking. Guests please feel free to express yourselves.
- Prime them with a good general topic that they can expound on. Guests, if you have topical suggestions for the Net please address the Net Control operator with your thoughts.
- Net Controls, prepare yourself with some good leading questions ahead of time to ask when you need to get a response.
- If it is a small group let them do a round robin, being sure to remind them who is before and who follows. This will make it easier for you.
- Round robin is from Net Control to the first operator A, then to operator B, then to operator C, and so on until everyone has had a chance to express themselves.
- If one operator has a question for another operator, let the operators go directly one to another as necessary, this will save you time and effort.
- In general make sure that they are enjoying themselves.

- Never put anyone in a position where they might feel uncomfortable.
- As a special note for my Emergency Communications friends, this is for our casual SOARA nets, Emcom lives by a different set of rules.

Nota bene: been there and done that.

**Heiko AD6OI**

### [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**

### [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**

# 2023 SOARA Calendar

Month	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sept.	Oct.	Nov.	Dec.
General Meeting 7:00 PM	30 Online	27	20	17	15	19	17	21	18	16	20	-
Program		-	-	-		Field Day Prep	-	-	-	-		-
FCC Ham Exam 6:00 PM		-	-	-	-	-	-	-	-	-	-	-
Education Classes 8:00 AM			-	-	-	-						-
SOARA Elmer Saturday 9:00 AM	28 WFD Gilleran	Mar 4 Murray Center	18 Murray Center	22 Murray Center	20 Gilleran Park	24 FD Gilleran	22 Gilleran Park	26 Gilleran Park	23 Murray Center	21 Murray Center	25 Murray Center	16 Murray Center
SOARA T-Hunt 1:00 pm	<a href="#">updates</a>	<a href="#">updates</a>	<a href="#">Updates</a>	<a href="#">Updates</a>	<a href="#">Updates</a>	<a href="#">Updates</a>	<a href="#">Updates</a>	<a href="#">Updates</a>	<a href="#">Updates</a>	<a href="#">Updates</a>	<a href="#">Updates</a>	<a href="#">updates</a>
Board Meeting	Feb 6	Mar 6	27	24	22	FD	24	28	25	23	27	-
Special Events	<a href="#">Quartz- fest 17-23</a>	<a href="#">Palm Springs</a>		<a href="#">Visalia DX</a>	<a href="#">Dayton Ham- vention</a>	SOARA Auction 10			<a href="#">SOARA Picnic TBD</a>	<a href="#">JOTA 16-18</a>	SOARA Auction TBD	<a href="#">SOARA Holiday Party TBD</a>
Major HF Contests		<a href="#">ARRL DX-CW 20-21</a>	<a href="#">ARRL DX-SSB 6-7 CQWPX SSB 27-28</a>		<a href="#">CQWPX CW 29-30</a>	<a href="#">ARRL Field Day 23-25</a>			<a href="#">CQWW RTTY</a>	<a href="#">CQWW SSB</a>	<a href="#">CQWW SSB</a>	
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 23-25	MV Fire- works 4				Vision Quest OC Marathon	

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

# 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](mailto: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](mailto: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](mailto: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](mailto:ae6h@soara.org)

**V.P.:** Erik Wresch, W6INE 714-883-7694  
[w6ine@soara.org](mailto:w6ine@soara.org)

**Secretary:** Charles Schultz, NY6I  
[ny6i@soara.org](mailto:ny6i@soara.org)

**Treasurer:** Ron Mosher, K0PGE 949-363-0047  
[k0pge@soara.org](mailto:k0pge@soara.org)

## SOARA DIRECTORS

**Repeater:** Brian Roode, NJ6N 949-257-2749  
[nj6n@soara.org](mailto:nj6n@soara.org)

**Publications:** Ray Frericks, K6NOV 949-682-9106  
[k6nov@soara.org](mailto:k6nov@soara.org)

**Membership:** Greg De Hoogh 949-362-5529  
[n6pm@soara.org](mailto:n6pm@soara.org)

**Education:** Steve Kuver, K6UVR 949-874-1972  
[k6uvr@soara.org](mailto:k6uvr@soara.org)

**Technical:** Tom Hobbs, AE6SH 949-887-6527  
[ae6sh@soara.org](mailto:ae6sh@soara.org)

**Communications:** Dale Tyler, W6EDT 949-360-1717  
[w6edt@soara.org](mailto:w6edt@soara.org)

## SOARA APPOINTMENTS

**Past President:** Tom Hobbs, AE6SH 949-830-8131  
[ae6sh@soara.org](mailto:ae6sh@soara.org)

**Activities Coordinator:** Joe Perrigoue, K7KCE  
[k7kce@soara.org](mailto:k7kce@soara.org)

**S. Saturdays:** Ed Barnes, WA6ED 949-468-7706  
[wa6ed@soara.org](mailto:wa6ed@soara.org)

**Raffle:** Bill Colvin KM6FOY  
[km6foy@soara.org](mailto:km6foy@soara.org)

**Testing:** Steve Kuver K6UVR  
[k6uvr@soara.org](mailto:k6uvr@soara.org)

**Website:** Position Open

**Ambassador:** Heiko Peschel, AD6OI  
[ad6oi@soara.org](mailto:ad6oi@soara.org)