



The

March 2019

Propagator

The Monthly Newsletter of the South Orange County Amateur Radio Association

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General Meeting

March 18, 2019
7:00 PM

NP Murray
Center
Veterans Way
Mission Viejo

President's Message, March 2019

SOARA is proud to announce three important recent awards to club members,

First, the honor of life membership was awarded to Howard Brown, KG6GI, for many years of dedicated service as SOARA's repeater director. Howard is primarily responsible for building out the repeater system, both analog and digital that we enjoy today/ We have 7 analog and 4 digital machines operating from 4 sites around Orange County. sincere thanks to Howard!

Second, This coming meeting, we will be also awarding a Life Membership to another longtime SOARA board member, who was very active as Publications Director, producing our monthly newsletter, participating as a VE, and provided refreshments for meetings for a number of years.

This Life membership is deservedly awarded to Dale Griffith, W8RRV.

Last but not least, as you likely know, SOARA has sponsored a HF radio award contest for a young ham. we are pleased to announce the recipient will be David Taio, KK6VQG. David is a student at UCI, and in addition to being an active SOARA member, he also is President of the UCI Amateur Radio Club. The prize is a Kenwood TS-730 HF radio with built in antenna tuner. Additionally David will receive a \$300.00 gift certificate at HRO. Congratulations David!

Thanks, and 73 de Ray, AE6H

[March 18, 2019 General Meeting](#) [Arnie Shatz N6HC on FT-8](#)

We are welcoming back Arnie Shatz N6HC with a comprehensive program on the FT-8 digital mode. This presentation will include basic operation and how to contact a DXpedition on FT-8 using the Fox/Hound mode. Keep this in mind when it comes to the Q&A time. This will not cover questions on your specific set up at home. A future Saturday demonstration of FT-8 has been discussed and date and time is TBD.



[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:

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

<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

[SOARA Elmer Saturday \(SES\) March 23](#) [Hot Spots, Echlink, DSTAR, DNR and Fusion at the Murray Center](#)

The February SOARA Saturday was lots of fun. We had about 15 folks show up. Alex, K6FTL was working on his QST Nov 2017 antenna analyzer based on an arduino. Erik, W6INE built / soldered a HF dummy load kit from a past SES, and Ray, AE6H built an oscilloscope kit. Also, Steve, K6UVR replaced a soldered battery on one of his radios. It was a fun event with lots of discussion. There is nothing better than the smell of rosin with coffee and donuts!

The March SOARA Saturday will be March 23 at the Murray center, 9am to noon, coffee and donuts will be provided. We will be demoing hotspots with various digital modes like DSTAR, Fusion, or DMR. I plan to bring a few radios, Zum Spot, Jumbo Spot with displays at various levels of operation. Although not fully functional at this time of writing. I hope to have something fully operational by then...

So, I really need Elmer help on this SOARA Saturday. If you have a working hotspot on any of the digital modes please bring it to demo. Please let me know if you could help.

If you want to be and Elmer, please talk to me. The main requirement is the willingness to help fellow amateurs with your knowledge and experience. I will gladly make you a special green SOARA Elmer badge!

**73,
Ed, WA6ED
SOARA Elmer Saturday Volunteer**

[Membership Report](#)

We now have 248 active members, 195 with dues paid and 49 unpaid. If you haven't paid your dues, you will go inactive at the end of this month. Please pay your dues soon. Next, Ray, Heiko or I, will split the effort and attempt to call each unpaid member and ask them if they wish to continue their membership. If not, we will try to find out why. If there is a reasonable trend, we will make suggestions to the board and or membership to improve SOARA. This is our way of trying to be helpful and keep membership strong and active. If you have a suggestion to improve SOARA you can email the board@soara.org or talk to me or any board-member at any of the events we attend.

I hope to hear you on the radio soon!

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**73,
Ed, WA6ED
SOARA Membership Director**

SOARA Repeater Update

Last week, the radio that provides our link to Santiago from Laguna Beach started transmitting spontaneously. We have disconnected the link radio from the controller and are investigating the cause of the key-ups.

The 224.100 machine lost receive audio recently. The cause was determined to be a fault in the RLC-3 radio interface card that it was connected to. A spare card was swapped in and the machine is back up and running.

At Santiago, our 224.640 machine is having problems again. The transmit audio becomes very low and eventually you can't hear it intermittently. It will be some time before we can make another trip up there to repair this repeater.

Everything else is working well.

Vy 73, Brian NJ6N

February 2019 - Meeting Raffle Winner

The "Big Prize" was a Yaesu FTM-7250D Fusion radio. Come to the meetings so you can win great prizes like this one!



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Treasurer's Report - Q1 2018-2019

	OCT	NOV	DEC
Beginning Cash Balance	10,196.76	14,785.96	17,006.08
PayPal Balance	550.37	550.37	550.37
Cash on Hand			
Revenue:			
Membership	5,179.00	3,762.00	1,073.00
Activities:			
Auction Commissions		216.00	
Donations - Unrestricted		250.00	
Donations - Restricted			
Asset Disposal			
Total Revenue	5,179.00	4,228.00	1,073.00
Expenses:			
Site Rental:			
Santiago Peak	350.00	350.00	350.00
City of San Clemente			
Utilities:			
Internet DSL	70.66	70.66	70.66
Telephone Lines	238.57	238.76	238.65
Website:			
Linode	12.50	12.50	12.50
Insurance			
Hartford			
Mercer			
Post Office Box	102.00		
Postage			
Corporate Fees			
Activities:			
SOARA Saturday			
Field Day - Food			
Field Day - Other (Generator)			
Picnic			

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Equipment and Repeater Maintenance

Other/Miscellaneous
PayPal fees

Total Expenses	773.73	671.92	671.81
Net Revenue	4,405.27	3,556.08	401.19
Ending Cash Balance	14,785.96	17,006.08	16,635.88
PayPal Balance	550.37	550.37	550.37

2019 SOARA Calendar

Month	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sept.	Oct.	Nov.	Dec.
General Meeting 7:00 PM	28	25	18	15	20	17	15	19	16	21	18	-
Program	DXpedition	-	-	-	Spring Auction	Field Day Prep	-	SOARA Fair	-	-	Fall Auction	-
FCC Ham Exam 6:00 PM	28	25	18	15	20	At Field Day (2pm)	15	19	16	21	18	-
Education Classes 8:00 AM	Tech 26	-	-	Tech 13	General 18	Tech 15	Extra 13	Tech 17	General 14	-	Tech 16	-
SOARA Elmer Saturday 9:00 AM	Feb 2 Murray	Mar 2 Murray	23 Murray	20 Gilleran	25 Murray	22 Gilleran	20 Gilleran	24 Murray	21 Murray	26 Gilleran	23 Gilleran	-
SOARA T-Hunt	-	-	-	-	-	-	-	-	-	-	-	-
Board Meeting	Feb 4	Mar 2	25	22	28	-	22	26	23	28	25	-
Special Events	Quartz-fest 20-26	Yuma 15-17		Visalia DX 12-14	Dayton Ham-vention 17-19	ARRL Field Day 21-23	HRO Ham Jam -	SOARA Picnic -		JOTA		SOARA Holiday Party -
Major HF Contests		ARRL DX-CW	ARRL DX-SSB CQWPX SSB		CQWPX CW	ARRL Field Day 21-23			CQWW RTTY	CQWW SSB	CQWW CW	
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 OC Marathon LH Marathon	ARRL Field Day 21-23	MV Fire-works 4			Vision Quest		Run for a Claus

Dates subject to Change - Check the SOARA Web Site (<http://www.soara.org>) to verify locations and times

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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:

UHF/VHF (447.180, 147.645 & 224.640): Tuesdays @ 8:00PM

D-STAR (146.115 C module): Wednesdays @ 7:30PM

40 meter HF (7.200 MHz +/- for QRM), Sundays @ 8:00AM

10 meter HF (28.410 +/-) Sundays after the 40m net.

Gordo HF (7.250 MHz +/- for QRM), Weekdays @ 8:30AM



SOARA OFFICERS

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

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

Secretary Greg De Hoogh, N6PM n6pm@soara.org

Treasurer: Lori Carey, NI6X 949-444-8190
ni6x@soara.org

SOARA DIRECTORS

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

Publications: Dale Tyler W6EDT 949-360-1717
w6edt@soara.org

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

Education: Steve Kuver, K6UVR 949-874-1972
k6uvr@soara.org

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

Communications: Heiko Peschel, AD6 949-859-3868
ad6oi@soara.org

SOARA APPOINTMENTS

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

Activities Coordinator: Dana Wresch, KM6LZG
km6lzg@soara.org

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

Raffle: Hal Silverman, WB6WXO 714-897-5002
wb6wxo@soara.org

Testing: Sean Reigle, AJ6B 714-261-1717
aj6b@soara.org

Website: John Zimmer, KM6BEE
km6bee@soara.org

Ambassador: Spencer Ammermon, NG6K
ng6k@soara.org

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