



The

May 2019

# Propagator

The Monthly Newsletter of the South Orange County Amateur Radio Association

## In This Issue

**Presidents  
Message..... 1**

**Elmer Sat.....2  
Membership  
Report.....2**

**Auction/Antique  
Radio.....3**

**Income and  
Expense.....4**

**Field Day.....5**

**Essay Winner. .6  
Raffle Winner. .7**

**Sale Mail List. .8  
Repeaters.....8**

## **General Meeting Auction**

May 20, 2019  
7:00 PM

NP Murray  
Center  
Veterans Way  
Mission Viejo

## **President's Message, May 2019**

There a lot going on within SOARA the past month, beginning with the formation and appointment of the digital exploration committee, ()which still awaits their charge from the board, the need to relocate the Trabuco repeater from the facility it is currently in, and to a nearby location, and of course the auction this Monday night. Also, we have a board position to fill, with the resignation of our club secretary, Greg, N6PM, and we are also slightly reorganizing the VE testing function.

The digital committee will be exploring the If, What, Where, and How SOARA will enhance our digital footprint. Since we already have three D-Star repeaters, the committee may decide that the membership wants to concentrate in optimizing those machines with more training, awareness, and possibly adding functionality. Among other options, the committee may find that we can branch out into additional modes, such as Fusion (Yaesu) or DMR / Moto turbo. None of these choices will be simple, and the committee has a bit of research to do, and bring their recommendations to the SOARA Board. This will not happen quickly, but hopefully we will have a comprehensive, well thought out plan for implementation.

As for the Trabuco Repeater, it has been located at the Orange County Probation Department's youth facility known as Joplin for over 20 years. The County has decided to permanently close that facility, and all operations cease on May 24. By May 31, the facility will be completely closed and locked. This closure has necessitated that SOARA remove and relocate our repeater radios, cabinet, and associated equipment such as antennas. We have a location which may or may not be the permanent location, and this will necessitate take in the repeater off the air briefly, hopefully for less than 48 hours. We hope to accomplish this, this week.

Lastly, we are openly recruiting for a replacement secretary, and for a webmaster / IT type to take over some of the computer functions, and take a bit of the burden off Brian. If you, or someone you know would be a good fit for either of these jobs to help the club, please do not hesitate to step forward, and let me. or any of the other Board

members know, in person, by email, or on the air. I know we have a tremendous amount of talent in the club, and we could use their help right now

**Thanks for reading, and Best 73 de Ray, AE6H**

## **SOARA Elmer Saturday (SES) May 25 Kits and Demos at the Murray Center**

The May SOARA Saturday will be on the 25th at the Murray center, 9am to noon, coffee and donuts will be provided. We will be building kits, tinkering, talking, hopefully listening, soldering, demoing previously build kits, and helping others. If you plan to bring your solder equipment, please bring a piece of cardboard or something to protect the table. Also, wear safety glasses!

I plan to bring a few of my projects for demo and discussion. Bring some of your kits or projects too!

Field day is coming up soon! If you want to build a battery box or a modular connector box, let me know. I will bring demos of my battery box and modular connector boxes. I can bring tools to field day if you need help. We have have an officially scheduled field day educational event. I plan to be flexible if you cannot make the scheduled time.

If you want to be an 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 Coordinator**

## **Membership Report**

We now have 216 active members, all with dues paid. If you went inactive, simply pay your dues and I can easily reactivate your membership. Plus, two new membership applications are pending. Stay tuned...

Get the most out of your membership. The best way is to participate in activities. We have the auction next, field day soon! Also there are Nets you can participate. Tuesday evening at 8 pm is the UHF/VHF net. Wednesday evening at 8pm is a DSTAR net. There are also the Sunday morning 8am 40 meter and 9am 10 meter nets. Go to [www.soara.org](http://www.soara.org) and check out the calendar and other parts of the website for more information. I hope to hear you on the radio soon!

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

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

## [SOARA Semi Annual Auction - May 20](#)

Twice a year, in May and November, SOARA holds an action. There is a wide variety of interesting and valuable amateur radio related items available for sale. If you want to sell something, be sure to come early and be prepared to put tags on your items showing your call and the starting/suggested bid. Items can be sold on consignment with SOARA taking a 10% sellers fee or donated to the club where SOARA will get all of the proceeds. See <https://www.soara.org/activities/live-auction/> for more detailed rules.

### [Antique HF Radio Restoration](#)

A while back Wayne Spring, W6IRD, made a great presentation regarding restoring old radios. This is a great side to the hobby. You can learn things about radio that you just cannot from reading books and operating off-the-shelf rigs.

At the next meeting, you will have the opportunity to pick up some used and maybe antique gear. Knute, K6HIV, will be bringing it two old rigs as club donations, that is every dime paid goes to the club.

The Heathkit HW-101 was working when last shut down for testing. It is likely the rig needs a low side SSB crystal and the switches need cleaning. Parts are readily available and instructions and demos on youtube. Someone can pick this up for a song, and a restored unit was seen on ebay for \$300.

The other unit is for the more adventuresome restorer. It is a Yaesu FTDX 560. Check this out on Google. This rig was stored in a non- environmentally controlled garage but at this price, highest bid, it could be a lot of fun bringing it back to life.

Come on out to the May Auction and see what bargains are available.

#### **Knute Josifek, K6HIV**

**HW-101**



**FTDX-560**



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## SOARA Q2 Statement of Revenue and Expense - 03/31/2019

Membership Dues	\$10,010.00
Initiation Fees	\$460.00
Activities: Auction Commissions	\$216.00
Donations - Unrestricted	\$250.00
Donations - Restricted Asset Disposal	\$525.00
Total Revenue	<b>\$11,461.00</b>

### Expenses:

Site Rental: Santiago Peak	\$2,100.00
City of San Clemente	\$0.00
Utilities:	
Internet DSL	\$432.18
Telephone Lines	\$1,475.44
Website: Linode	\$75.00
Insurance Hartford	\$704.00
Post Office Box	\$102.00
Postage	\$0.00
Corporate Fees	\$20.00

### Activities:

SOARA Saturday	\$0.00
Field Day - Food	\$0.00
Field Day - Other (Generator)	\$0.00
Picnic	\$0.00
Equipment and Repeater Maintenance	\$96.25
Other/Miscellaneous	\$0.00
Total Expenses	<b>&lt;\$5004.87&gt;</b>

Net Revenue **\$6456.13**

## [SOARA Field Day 2019 - Gilleran Park](#)



Why Field Day? Despite the Internet, cell phones, email and modern communications, every year whole regions find themselves in the dark. Earthquakes, fires, storms, tornadoes, ice and even the occasional cutting of fiber optic cables leave people without the means to communicate. In these cases, the one consistent service that has never failed has been Amateur Radio. These radio operators, often called “hams” provide backup communications for everything from the American Red Cross to

FEMA and even for the International Space Station. SOARA “hams” will join with thousands of other Amateur Radio operators showing their emergency capabilities on Field Day weekend.

### Field Day—Tentative Schedule

WHEN: Fourth Full Weekend in June (June 21-23, 2019)

TIME: 11:00am Saturday - 11:00am Sunday (Friday setup starts at 3pm)

WHERE: Gilleran Park, 24960 Felipe Road, Mission Viejo TALK IN: 147.645- 110.9Hz

### TENTATIVE 2019 SCHEDULE:

Fri 6/21 3pm: Setup begins (towers, antennas, tents, radios, etc)

Fri 6/21 6pm: Dinner

Sat 6/22 8am: Breakfast

Sat 6/22 9am: Field day site opens

Sat 6/22 11am: Field day operations begins

Sat 6/22 12pm: Lunch

Sat 6/22 1pm: Education Activity

Sat 6/22 2pm: Testing Session

Sat 6/22 6pm: Dinner

Sun 6/23 8am: Continental Breakfast

Sun 6/23 11am: Field day operations cease

Sun 6/23 2:00pm: Breakdown completes

Field Day 2019 is fast approaching and we need you! There are many opportunities available to help with this event. Please email me at [KM6LZG@SOARA.ORG](mailto:KM6LZG@SOARA.ORG) if you would like to volunteer for helping at this event.

**73,  
Dana, KM6LZG  
SOARA Activities Director**

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## [SOARA Essay Contest Winner](#)



SOARA President Ray (AE6H) presents a HRO Gift Certificate and a desk microphone to David Tiao (KK6VQG), the SOARA Essay Contest winner.

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## [April 2019 - Meeting Raffle Winner](#)



SOARA President Ray (AE6H) presents the “Big Prize” a Yaesu FTM-7250D Fusion radio won by Roger Huff (KM6ZPE)

**Come to the meetings so you can win great prizes like this one!**

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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**

## [SOARA Repeater Update](#)

From the SOARA IT Department:

A new mailing list has been created on the soara.org server to facilitate discussion about digital modes on UHF/VHF including D-STAR, Yaesu System Fusion, DMR, and the like. To sign up and post a question or join the discussion, please visit this page:

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

Remember to include your call sign and your name in your subscription request.

**73, Brian NJ6N**



# 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](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:

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](mailto:ae6h@soara.org)

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

**Secretary**

**Treasurer:** Lori Carey, NI6X 949-444-8190  
[ni6x@soara.org](mailto:ni6x@soara.org)

## SOARA DIRECTORS

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

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

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

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

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

**Communications:** Heiko Peschel, AD6 949-859-3868  
[ad6oi@soara.org](mailto:ad6oi@soara.org)

## SOARA APPOINTMENTS

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

**Activities Coordinator:** Dana Wresch, KM6LZG  
[km6lzg@soara.org](mailto:km6lzg@soara.org)

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

**Raffle:** Hal Silverman, WB6WXO 714-897-5002  
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**Testing:** Sean Reigle, AJ6B 714-261-1717  
[aj6b@soara.org](mailto:aj6b@soara.org)

**Website:** John Zimmer, KM6BEE  
[km6bee@soara.org](mailto:km6bee@soara.org)

**Ambassador:** Spencer Ammermon, NG6K  
[ng6k@soara.org](mailto:ng6k@soara.org)

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