



The

April 2019

# Propagator

The Monthly Newsletter of the South Orange County Amateur Radio Association

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## General Meeting

April 15, 2019  
7:00 PM

NP Murray  
Center  
Veterans Way  
Mission Viejo

## President's Message, April 2019

This month I'd like to again recognize and congratulate David Taio, KK6VQG, for winning the SOARA HF Radio Young Ham contest. As you may remember the contest required the young ham, (25 years of age, or younger) to write a short essay about how they would use an HF radio, or why they deserved an HF radio. The prize was a Kenwood TS-850, and \$300 HRO gift certificate. David chose the former subject, and having obtained his permission, I'd like to share his essay with you. I'm sure, after reading it, you'll understand why this was the winning entry

**Thanks, and 73 de Ray, AE6H**

## How I will Utilize an HF Radio David Tiao, KK6VQG

Whoosh! That's the sound of the future passing by, speeding too fast to get a good look at it. Ham radio technology moves slower than technology in general, but it still marches on. At the University of California, Irvine (UCI), I am president of the Amateur Ham club. While the equipment we use at UCI is up-to-date, I don't have a workable HF radio anywhere else. The equipment in our room can't be taken outside due to University Regulations. If I receive the HF radio, I will use it to promote and enrich our hobby as well as make contacts in remote locations.

With the HF radio, I would promote our hobby and club around campus by showcasing the radio in an ad-hoc setup and showing people that they can communicate around the world from anywhere. Oftentimes I am trying to recruit for our club and induct newcomers into the expanse of amateur radio, but run into a snag. Without an HF setup at our table we can't showcase the full power of radio communications to span the globe in an instant; we can't make a contact in Antarctica while talking to a potential recruit. The HF radio would increase involvement among the student body and attract more members for our club. Nonetheless, I would use the Kenwood for more than just recruitment.

**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

I travel to remote locations every year to take pictures and search for new contacts and friends. From the Mojave Desert and Death Valley to Mt. Shasta and Trinity National Forest, I try to travel all around California to see who I can find on the air. An HF radio would be extremely useful in these kinds of locations because the radio waves bend through the ionosphere back down to the earth, enabling communication with distant contacts. For example, I am traveling to Anza-Borrego desert this month in search of wildflowers and new contacts, and to Death Valley in May. Talking to new people is always a rush, and I can't wait to see who I can find.

With the Kenwood TS850-SAT, I will encourage new members to join the fold, make new contacts and do my best to enrich our mutual hobby. I will discover new places, new people, and new ideas. Technology improves, society changes, and generation after generation gets engrossed by the same hobbies. The future marches on, and it drags us with it. With an HF radio, I can be much closer to marching in step with it.

### **April 15, 2019 General Meeting** **Joe Moell KØOV on T-Hunting**

This month we are delighted to welcome Joe Moell KØOV. He is a registered professional electronic engineer and an active Amateur Radio enthusiast since age 11.



Joe has over 45 years of experience designing radio-frequency circuits and systems for broadcast, communications, and radar, ranging from near-DC through microwave frequencies. He has designed new devices for radio direction finding and has written about RDF and other topics for almost every ham radio publication in the USA.

In February 1998, he was appointed by the American Radio Relay League (ARRL) as the USA's first ARDF Coordinator, to promote international-style foxhunting and to organize Team USA for international ARDF competitions. He also conducts the annual CQ Worldwide Foxhunting Weekend.

Joe has written hundreds of articles and columns on RDF, and as a Technical Advisor to ARRL Headquarters has authored a new chapter on RDF for The ARRL Handbook.

### **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!

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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 Elmer Saturday \(SES\) April 20 T-Hunt Practice at the Murray Center](#)**

The April SOARA Saturday will be on the 20th at the Murray center, 9am to noon, coffee and donuts will be provided outside somewhere. We will be T hunting the area surrounding the Murray center. WE DO NOT HAVE A ROOM. Look for antennas outside.

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 208 active members, all with dues paid and 0 unpaid. If you went inactive, simply pay your dues and I can easily reactivate your membership.

We have three new members:

- 1) K6RJO Rich
- 2) KM6ZPM Liana
- 3) David Rotter

Welcome to SOARA!

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Elections are underway. Please vote early and often.

I hope to hear you on the radio soon!

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

### **Life Member Award - Dale Griffith W8RRV**



SOARA President presents a Life Membership in SOARA to long time member Dale Griffith, W8RRV for his many contributions over the years to SOARA and amateur radio.

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## [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**

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



The “Big Prize” was a Yaesu FTM-7250D Fusion radio won by Liana, KM6ZPM

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

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# 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  
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**Secretary** Greg De Hoogh, N6PM [n6pm@soara.org](mailto:n6pm@soara.org)

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

## SOARA DIRECTORS

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## SOARA APPOINTMENTS

**Past President:** Tom Hobbs, AE6SH 949-830-8131  
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**Activities Coordinator:** Dana Wresch, KM6LZG  
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**Ambassador:** Spencer Ammermon, NG6K  
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