



THE

PROPAGATOR

The Monthly Newsletter of the South Orange Amateur Radio Association

November 2013

IN THIS ISSUE

- Fall Auction 1
- From the VP 1
- Holiday Party 1
- H. Party Prizes 2
- Raffle 2
- T-Hunt Report 3
- 2013 Calendar 4
- SOARA Info 4
- 2014 Calendar 5
- Membership 5
- 2m Band Plan 6

Meeting

November
18th, 2013

7:00 PM

N.P.

Murray
Center

Veterans
Way

Mission Viejo

SOARA Fall Auction!

Please bring in your ham-related items, regardless of how new or old and help your house look a little cleaner, help your pocket-book and also help SOARA in the process!

If you have items to auction bring them EARLY to our regular meeting room at 6:00pm to get them checked in. Be prepared to fill out a tag for each item or lot that you want to sell. An example is presented here. Note that the tag has changed to make the donation process simpler.

SOARA takes a small percentage of the sale price as an auction handling fee or you can donate the item to SOARA in which case the club will receive 100% of the proceeds

It is always fun to see what there is, whom gets into a bidding war with whom, and of course the biggest challenge of all, see if you can actually go home with less stuff than you brought!

SOARA Auction 11/18/13	Serial #
SELLER	
Call Sign: _____	
Please Print Legibly	
Donate: YES	Min. Bid: \$ _____
(Circle)	(Optional)

From the VP — AD6OI



As another year comes to a close I would like to look back at what we have had fun doing this year. We have had some really good guest speakers (see the [you-tube links on our website](#)), a great auction this spring (hope to have another on the 18th) and several special events. Our support of rides, running races, and other events helps our operators gain skills in communicating with others and learning how to use their radios. This is great training for ARES and RACES operators as well any one who wishes to improve their operating skills. As an aside please note that

when you get your amateur radio license this is just the beginning of learning about amateur radio and please take advantage of others willingness to "elmer". Our Field Day this year was a lot of fun with Pierrette and Sean providing most of the entertainment and lots of help from Sparky (NG6K) as well as many others. Sean, our new Education director has taught Technician and General classes and has more lined up for next year. If there is sufficient interest in an Extra class we will try to put one together. The picnic in August was entertaining with a raffle prize and H.F. radio communications, as well as Sparky squirrel fishing. The food was good and the company better.

SOARA Holiday Party

WHEN: December 1, 2013

TIME: 6:30pm - 9:30pm

Door Prizes: See Page 2

WHERE: Antonucci's (Italian), 24190
Alicia Pkwy, Mission Viejo CA 92691

COST: \$30.00 per person

More information and payments
accepted at:

<http://www.soara.org/activities/holiday-party/>

Continued on page 3...

Holiday Party Door Prizes!

Don't miss the SOARA holiday party to catch up with friends on the happenings of the past year and oh yeah, don't forget the chance to win one of 4 door prizes this year!



**SOARA
Fall Auction**
Nov 18

**SOARA
Saturday**
Nov 23

**SOARA Holiday
Party**
Dec 1



**VEC
License
Exams**

Next session:
(6:00pm),
**before the
meeting at the
Norman P.
Murray Center**
Contact Sean
AJ6B for info.

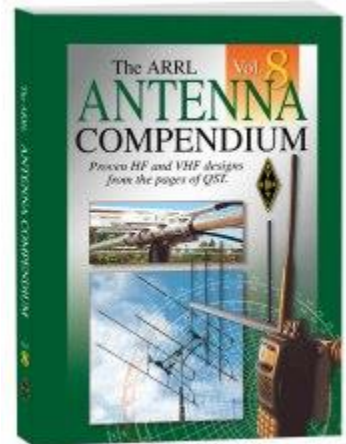
Walk-ins ok.

Extra | General |
Technician
Exams

[SOARA
Website](http://SOARAWebsite.com)



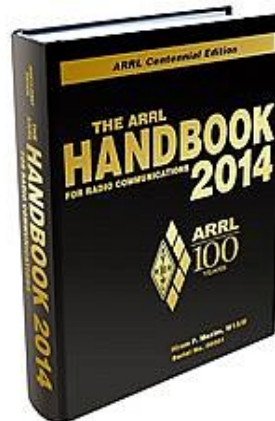
Grand Prize: Kenwood TM-V71A



4th Prize: ARRL Antenna Compendium (Vol 8)



2nd Prize: Yaesu FT-60R



3rd Prize: Personalized 2014 ARRL Handbook



SOARA Raffle:

Hal Silverman

Mike, K6MSM, won the \$5 raffle last month (an Astron Power Supply). Rumor has it that he traded it in towards a new radio. The raffle takes a back seat to the auction this month, but don't forget the Holiday party prizes (see above)!

Please see our eBay for the listings for a TS520 and a VFO 520:

[Kenwood Transceiver Model TS-520. Tested on all 5 Bands](#)

[Kenwood Remote 520 VFO-Model VFO-520](#)

73.....Hal

If there are any comments or suggestions for either the \$1 prizes or a future \$5 prize, please contact me at WB6WXO@SOARA.org





Propagation de K7RA

Solar activity remains robust. Yesterday, Thursday, November 14 the daily sunspot number rose to 234, a number not seen since the last blast of the second peak of the previous solar cycle, exactly a decade ago.

Way back on October 27 through November 1, 2003 the daily sunspot numbers were 238, 230, 330, 293, 266, and 277. That was it. Nothing as high as a sunspot number of 234 since then.

...
[so get on the air and work some DX! I worked a station in India on SSB voice on 20m yesterday.]

T-Hunt Report—Easy to hear—Hard to find

Karl & Dale hid the T on 11/10. We (AJ6B & K6MSM) were able to hear it from our starting location and we didn't even need to get on any freeways. We were quite near the T (within about 20') within just 20-25 minutes. However, it took us almost an hour to find the T after that (and we still managed to be first). The sneaky hiders made it really "fun" for us by bouncing the signal off the stucco siding of a church, which caused the hunters to cross over Santa Margarita Pkwy. a number of times. Was it in the bushes? Not on that side. Ok is it on the pedestrian overpass? Nope. Is it behind the wall in back of the church? Nope. We then thought, could it really be inside the church? Nope. The church was locked. Hmm, why is this gate open back here? The steps lead to a lower area and we found a suspicious roll of coax awaiting us. However, it wasn't connected to anything! We



then scoured the bushes there to finally discover a 3 element beam (camouflaged mind you), pointing up at the wall. When the other hunters arrived we debated whether the hide location was really publicly accessible. Pics are included of the gate and the victorious hunter. Please watch the e-mail list for the next scheduled hunt as we may postpone it until the January hunt if we can't get enough hunters in busy December.



...continued from page 1—*From the VP*

This month, as I have noted, is the fall auction (Nov. 18 see web page for details).

Elsewhere in the newsletter are the details for the Holiday party. It is always a good time with fun for all. We will honor our outstanding members and the highlight of the evening will be the WW7D award as well as the multitude of raffle (door) prizes.

I am looking forward to another year of ham radio fun and other good things:

Stuff to think about:

How can you help your club?

- Come to meetings
- Volunteer for the board of directors (officers will be elected in April with nominations in March)
- Volunteer to work on committees (activities, raffle, etc.)
- Volunteer to help at Field Day, the picnic and any other special events that occur.
- Please send me the names of people who you think may make good speakers for our club meetings
- Spread your enthusiastic love of amateur radio to others and help them when you can.

So for another year Auf Wiedersehen

Heiko AD6OI

4 2013 SOARA Calendar THE PROPAGATOR

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	Digital Radio	Tropo Ducting	DX Pedition	K6ACJ	Spring Auction	Field Day Prep	2 DXp's	SOARA Fair	Ham Radio in the 21st Century	"Kids"	Fall Auction	—
VEC Testing	28	25	18	15	20	Field Day	15	19	16	21	18	—
SOARA Saturdays (9am)	Feb 2	Mar 2	23	20	25	—	20	24	21	26	23	—
SOARA T-Hunt	6	10	10	14	12	9	14	11	8	13	10	8
Board Meeting	Feb 4	Mar 4	25	22	Jun 3	24	22	26	23	28	25	—
Special Events		Yuma 15-16			Dayton 17-19	ARRL Field Day 22-23		SOARA Picnic 4		JOTA 19-20		SOARA Holiday Party 1
Major HF Contests		ARRL DX-CW CQWPX RTTY	ARRL DX-SSB CQWPX SSB 30-31		CQWPX CW 25-26	ARRL Field Day 22-23			CQWW RTTY 28-29	CQWW SSB 26-27	CQWW CW 23-24	

SOARA meets at the Mission Viejo Community Center, 26932 Veterans Way, Mission Viejo, 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. **Exams are at 6pm.** Prior registration is not required and walk-in applicants are welcome. 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, KG6GI.

- | | | |
|---------------|-----------------------------|--------------------|
| | 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 — (123.0) | Santiago Peak. (C) |
| D-Star | 440 — 445.660 — (K6SOA B) | Laguna Beach |
| | 440 — 447.180 — (131.8) | Santiago Peak. (C) |
| D-Star | 1.2G — 1282.600 — (K6SOA A) | Laguna Beach |

Nets: UHF/VHF (447.180, 147.645 & 224.640): Tuesdays 8:00 PM
 D-Star (146.115 C module): Wednesdays 8:00pm
 40 meter HF (7.200 MHz +/- for QRM), Sundays 8:00 AM.
 Gordo Net (HF 7.250 MHz +/- for QRM), Weekdays 8:30AM

SOARA OFFICERS

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|--|--------------|
| <i>President:</i> Tom Hobbs, AE6SH | 949-830-8131 |
| ae6sh@soara.org | |
| <i>V.P.</i> Heiko Peschel, AD6OI | 949-859-3868 |
| ad6oi@soara.org | |
| <i>Secretary:</i> Rick Edgmon, NU6D | 949-495-2979 |
| nu6d@soara.org | |
| <i>Treasurer:</i> Tom Parkes, KI6DDB | 714-224-2982 |
| ki6ddb@soara.org | |

SOARA DIRECTORS

- | | |
|--|--------------|
| <i>Repeater:</i> Howard Brown, KG6GI | 949-581-2634 |
| kg6gi@soara.org | |
| <i>Publications:</i> Mike Mahan, K6MSM | 949-279-9936 |
| k6msm@soara.org | |
| <i>Membership:</i> Horst, KD7JHR & Marie, KD7JHS Zitzmann | 949-768-8552 |
| kd7jhr@soara.org or kd7jhs@soara.org | |
| <i>Education:</i> Sean Reigle, AJ6B | 714-261-1717 |
| aj6b@soara.org | |
| <i>Technical:</i> Brian Roode, NJ6N | 949-495-5336 |
| nj6n@soara.org | |
| <i>Communications:</i> Spencer Ammermon, NG6K. | 949-606-6249 |
| nq6k@soara.org | |

SOARA COMMITTEES

- | | |
|--|--------------|
| <i>Activities:</i> Pierrette Rizco, K6PTR. | 949-235-2546 |
| k6ptr@soara.org | |
| <i>Testing:</i> Sean Reigle, AJ6B | 714-261-1717 |
| aj6b@soara.org | |
| <i>Website:</i> Brian Roode, NJ6N | 949-495-5336 |
| nj6n@soara.org | |
| <i>Ambassador:</i> Heiko Peschel, AD6OI | 949-859-3868 |
| ad6oi@soara.org | |

5 2014 SOARA Calendar THE PROPAGATOR

Month	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sept.	Oct.	Nov.	Dec.
General Meeting 7:00 PM	27	24	17	21	19	16	21	18	15	20	17	—
Program	TBD	TBD	TBD	TBD	Spring Auction	Field Day Prep	TBD	SOARA Fair	TBD	TBD	Fall Auction	—
VEC Testing	27	24	17	21	19	At Field Day	21	18	15	20	17	—
Educational Classes (Starts)	Tech 8		General 5		Tech		General		Tech		General	
SOARA Saturdays (9am)	Feb 1	Mar 1	22	26	24	21	26	23	20	25	22	—
SOARA T-Hunt	12	9	9	13	11	8	13	10	14	12	9	14
Board Meeting	Feb 3	Mar 3	24	28	Jun 2	23	28	25	22	27	24	—
Special Events		Yuma 14-15	Palm Springs 15	Visalia DX 3-6	Dayton 16-18	ARRL Field Day 28-29		SOARA Picnic 3	ARRL SW 12	JOTA 18-19		SOARA Holiday Party 7
Major HF Contests		ARRL DX-CW TBD CQWPX RTTY 8-9	ARRL DX-SSB TBD CQWPX SSB 29-30		CQWPX CW 24-25	ARRL Field Day 28-29			CQWW RTTY TBD	CQWW SSB TBD	CQWW CW TBD	

From Membership

A big welcome to our 4 new members:

Matt Alexander, KK6GVY

Technician from Aliso Viejo

Jim Averitt, KK6GVX

Technician from Irvine

Nancy Liming, KK6BMH

General from Mission Viejo

Kathy Mills, KK6GVU

Technician from Rancho Santa Margarita

We look forward to seeing you all at meetings and club events.

Horst and Marie Zitzmann
KD7JHR and KD7JHS
Membership Directors
SOARA



New ARRL Books

- NEW 2nd Edition: [Ham Radio for Dummies](#) by Ward Silver, N0AX
- NEW to the Series: [Raspberry Pi for Dummies](#)

Tasma Band Plan Summary—2 Meters

TASMA

Two Meter Area Spectrum Management Association
 Frequency Coordination & Spectrum Management for Southern California

1439 W. Chapman Ave. PMB 90
 Orange, CA 92868
<http://tasma.org>

2 Meter Band Plan Summary

FM Simplex Frequencies (no internet linking)	Packet Frequencies	Internet Linking Frequencies (IRLP, Echolink, eQSO)
•144.310-144.375	•144.390 (APRS)	
•144.405-144.490	•144.970	
•145.510	•145.030	•145.710
•145.525	•145.050	•145.725
•145.540	•145.070	•145.740
•145.555	•145.090	•145.755
•145.570	•145.630	•145.770
•145.585	•145.650	•145.785
•145.600	•145.670	
•145.615	•145.690	
•146.430 (ATV voice)		
•146.445		
•146.460 (remote bases)		
•146.520 (calling freq.)		
•146.535		
•146.550		
•146.565 (T-hunts)		
•146.580		
•146.595		
•147.480		
•147.510		
•147.525		
		Crossband Repeater Frequency
		•144.910
	Portable Repeater Pair for Special Event & Emergency Use	
	•147.585 input 144.930 output	