



*The*

# *Propagator*

*The Monthly Newsletter of the South Orange Amateur Radio Association*

*September 2009*

## IN THIS ISSUE

Program:	1
AF6GL	1
Education	2
Membership	2
Raffle	2
2009 Calendar	3
Club Directory	3

## Introduction to 900 MHz Repeaters

Repeaters, those magic installations that enable you to use a small hand-held or mobile radio in the VHF/UHF bands over long distances. You get the benefit of a mountain top location and fairly high power. They allow long distance internet connections using EchoLink or IRPL. The phone patch will allow you to make a connection to a telephone. How do they do that?

SOARA member Mark Hergeshiemer, KD6WLY, has several repeaters and he will be our presenter on Monday evening. Mark will be talking about the 900 MHz band in general and about how repeaters work. He will bring in a complete repeater to show and will explain the components, their operation how they interconnect.



The presentation will be aimed at the end user that does not ever visit a repeater site. Come to the meeting on Monday to get a better appreciation for the type of system that is so integral to the way we use our radios today.

---

---

## AF6GL takes on the job of Activities Chair

P. T. Barnum was credited with saying "there's a sucker born every minute". Some argue that he never actually uttered those words. True or not, I can tell you that I volunteered and was graciously appointed by the board as your new Activities Director. Our next upcoming event is the December holiday party. I am looking for more folks to help with the planning of this fun filled event. I am also looking for suggestions for venues, menus, and likes or dislikes from previous years. Just drop me a note via email or telephone. Time is getting short so a speedy response is critical.

In that same light, I intend to take this job seriously and give YOU the members

what YOU want out of the club. The problem I am having is a lot of QRN in my crystal ball. In other words, I don't know what you like, dislike, what makes you want to participate, or what makes you not want to participate in club activities. I need to hear from you so that we can make changes as required to improve YOUR club. I am always open to suggestions and would love to hear from each of you so please give me a call or send me an email, letter, carrier pigeon. Once the holiday party is in the log I will formulate a membership survey of some type in order to help clear the signals in my crystal ball. I already have some ideas for something new so please stand-by . . .

Timothy McGowen  
AF6GL

**Meeting:**  
**Oct 19**  
**7:00 PM**  
**N.P.**  
**Murray**  
**Center**  
**Veterans**  
**Way**  
**Mission Viejo**

## Welcome

### New members: this month

Jeff Parrish,  
KJ6AJE

Ned Reynolds,  
KG6KYO



## Testing

Results of Testing  
on 9/21/09

Warren Allgyer  
AF6SD  
passed all three  
elements to Extra

### Upgraded to Extra

Joseph Cetin  
KJ6CCV

Larry Hanks  
KI6ZTA

### Upgraded to General

Robert Drap  
KJ6CHR  
took Tech & General

Charles Perrigoue  
KI6ZTE

### New Technicians

Lee Daeoo  
KJ6CHS

Scott McKittrick  
KJ6CHT

Greg Smith  
KJ6CHU

Troy Tate  
KJ6CHV

73, Ernie, W6ETS

## Education

SOARA's latest course for hams wishing to upgrade to General Class has ended. The participants are scheduled to take their FCC exams this coming Monday before the general meeting. We wish them good luck on the test. There is a broad range of material covered in the General Class test. SOARA is fortunate to have a seasoned educator, Hal Silverman, WB6WXO, as Education Director.

In addition to classes, Hal has offered educational seminars and individual Elmering for club members. Please do not hesitate to let Hal know what educational activities you would like to see available. It is a major benefit of being a club member to have these opportunities available.

Hal can be reached via e-mail at:  
[WB6WXO@SOARA.ORG](mailto:WB6WXO@SOARA.ORG).

## Membership

Welcome to our two new members: Jeff Parrish, KJ6AJE, a technician from Tus-tin and Ned Reynolds, KG6KYO, a technician from Trabuco Canyon.

SOARA has started its new fiscal year, so the dues notices have gone out. You should have received yours some weeks ago. The membership committee is very pleased with the swift responses of our members who have paid their dues already. There are still many of us needing to pay dues, so please bring your checkbooks or cash to the meeting or use paypal on our website and support our club financially.

If you have any questions regarding the dues structure or any other aspect of club membership please contact Horst or Marie:

[kd7jhr@soara.org](mailto:kd7jhr@soara.org) or  
[kd7jhs@soara.org](mailto:kd7jhs@soara.org)

## Raffle Report



Congratulations to Douglas, KI6KSA, who won a Yaesu FT-60 handie-talkie in the five-dollar raffle last month. Shown here is Douglas's neighbor, Kevin, KI6LOQ, accepting the prize on his behalf from our new activities director, Tim, AF6GL, who has been a great help with the raffle this year. Reminder: you do not have to be present to claim your five-dollar raffle prize. You do, however, have to be pre-

sent to claim a one-dollar raffle prize if your ticket is called. Congratulations to the lucky winners of the one-dollar raffle: Olaf, KI6YCH, George N6SNX, Edward, KG6BGS, Patti, KI6WJX, Kriss, KR6ISS, Kevin, KI6LOQ, Grey, WA6BJY, Vern, W6VDV, Joan, KJ6AIK, and Marc, KI6APG.

This month's five-dollar prize is a Yaesu FT-1900 2 meter mobile transceiver that features a wide receive coverage range of 136 to 174 MHz, 10 channel NOAA weather receive, direct frequency entry from the microphone, 55 watts output, and many more excellent features.

Best of luck in the upcoming raffles,  
Brian  
NJ6N



Year 2009	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sept.	Oct.	Nov.	Dec.
General Meeting 7:00 PM	26	23	16	20	18	15	20	17	21	19	16	—
Program	Antenna W6OM et al. part 1	Antennas W6OM et al. part 2	EME Vlad, W6BVB	Red Cross Tom, KI6GOA	Spring Auction	F.D. Prep	Dayton Trek Report	Forum WU6D	EmmCom WA6RUZ	Intro Repeater KD6	Fall Auction	—
VEC Testing	26	23	16	20	18	27	20	17	21	19	16	—
SOARA T-Hunt	4	1	1	5	3	7	<del>5</del>	2	6	4	1	6
Board Meeting	Feb 2	Mar 2	23	27	Jun 1	22	27	24	28	26	23	28
Special Events		General upgrade class Thursdays		Earthquake Preparedness Month	13:HamCon Dayton, OH		O C Fair Radio Booth					
ARRL Field Day						27-28						
SOARA picnic								2				
SOARA Holiday Party												6

☛ **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 from 5:30 to 7:00 PM. Prior registration is encouraged, but walk-in applicants are welcome. For information call Ernie Senser, W6ETS, at 949-458-2504.

☛ **Contacting SOARA:** Questions about SOARA? Send e-mail to: [info@soara.org](mailto:info@soara.org), or leave a message at 949-249-1373.

☛ **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, KG6GL.

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

☛ **Nets:** SOARA UHF/VHF open net is held Tuesday 8:00 PM 40 meter HF net (7.200 MHz +/- for QRM), Sunday 8:00 AM.

#### SOARA OFFICERS

*President:* Ray Hutchinson, AE6H ..... 949-496-8020  
[ae6h@soara.org](mailto:ae6h@soara.org)  
*V.P.:* Tom Hobbs, AE6SH ..... 949-830-8131  
[ae6sh@soara.org](mailto:ae6sh@soara.org)  
*Secretary:* Robin Caldwell, KG6MCA ..... 949-395-4049  
[kg6mca@soara.org](mailto:kg6mca@soara.org)  
*Treasurer:* Tom Parkes, KI6DDB ..... 714-224-2982  
[ki6ddb@soara.org](mailto:ki6ddb@soara.org)

#### SOARA DIRECTORS

*Repeater:* Howard Brown, KG6GI ..... 949-581-2634  
[kg6gi@soara.org](mailto:kg6gi@soara.org)  
*Publications:* Dale Griffith, W8RRV ..... 949-830-3767  
[w8rrv@soara.org](mailto:w8rrv@soara.org)  
*Membership:* Horst(KD7JHR) & Marie(KD7JHS)  
 Zitzmann .. 949-768-8552  
[kd7jhr@soara.org](mailto:kd7jhr@soara.org) or [kd7jhs@soara.org](mailto:kd7jhs@soara.org)  
*Education:* Hal Silverman, WB6WXO ..... 714-897-5002  
[wb6wxo@soara.org](mailto:wb6wxo@soara.org)  
*Technical:* Brian Roode, NJ6N ..... 949-495-5336  
[nj6n@soara.org](mailto:nj6n@soara.org)  
*Communications:* Kris Marciniak, KI6IUC ..... 949-680-9906  
[ki6iuc@soara.org](mailto:ki6iuc@soara.org)

#### SOARA COMMITTEES

*Activities:* Tim McGowen, AF6GL ..... 760-310-7634  
[af6gl@soara.org](mailto:af6gl@soara.org)  
*Testing:* Ernie Senser, W6ETS ..... 949-458-2504  
[w6ets@soara.org](mailto:w6ets@soara.org)  
*Website:* Richard Saunders, K6RBS ..... 949-770-5099  
[k6rbs@soara.org](mailto:k6rbs@soara.org)