



THE

PROPAGATOR

The Monthly Newsletter of the South Orange Amateur Radio Association

August 2013

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3rd Annual SOARA Fair

The next SOARA general meeting is on Monday, August 19 at 7pm at Norman P Murray center in Mission Viejo. The program will be our 3rd Annual SOARA Fair. All are welcome to attend the fair!

Come and visit with your fellow SOARA member experts presenting the following mini-educational displays on the following topics:

Brian, NJ6N – **D-Star/APRS**—Please see page 2 of the Propagator for more info on D-Star.

Mike, K6MSM – **HF digital modes**—Including JT65, JT9, WSPR & PSK31.

Bill, K6ACJ – **PICAXE/Arduino** & related microprocessors—in a brief recap of his presentation earlier this year.

Don, KE6BXT – **Amateur TV**—Hams should be seen and not just heard!

Tak, W6SI – **Software Defined Radios**—As a follow-up to the Propagator article from May, the wonders of SDR will be demonstrated.

Heiko, AD6OI – **Programming your Handheld radio**— Do this *before* you need it!

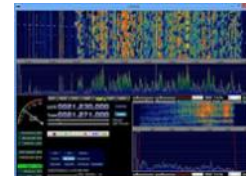
Phil, WA6LDI – **DXCC and QSLing**—How to log your contacts with the world.

Sean, AJ6B – Beginner on-foot **transmitter hunting**—more info on [SOARA's website](#).

Charlie, WA6RUZ – **RACES/ARES** & emergency preparedness

Joe, W6BGR – **MARC** (Motorcycle Amateur Radio Club)

Frank, AG6QV – Amateur Radio **Microwave** (10GHz)



Meeting

August 19th,
2013

7:00 PM

N.P.

Murray

Center

Veterans

Way

Mission Viejo

QST de AD6OI

CQ, CQ,CQ. I hope that all of you are having an enjoyable summer with lots of DX and other fine conversations on the air. We are looking forward to an exciting meeting on Monday with the SOARA August Fair.

This is our members opportunity to give back to the club by "showing off" their expertise in some of the many different parts of the amateur radio service. Our members are prominent in many parts of our "hobby":

Brian in D-star, Bill in experimenting, Howard in Frequency Coordination, as well as many others in their own segment of the amateur radio world. This is a chance for you to pick their brains and get them to open up about the things that they do. Elsewhere in the propagator is a list of who is doing what on Monday.

Also, it is not too early to think about renewing your membership in SOARA and also the Holiday Party on Sunday Dec. 1. We will most likely be at the same location as last year - Antonucci's Ristorante in Mission Viejo - so please set aside the date so that we may have a good crowd there. Thanks & 73 'til Monday. Heiko





**SOARA
Fair**
Aug 19

**SOARA
Saturday**
Aug 24

**ARRL
SW Convention**
Sept 6-8

**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://www.soara.org)

D-Star

If you're a D-STAR enthusiast who owns a DV Access Point Dongle, aka a "DVAP", and don't want to leave it attached to your power hungry desktop machine 24x7, then perhaps a Raspberry Pi (aka RPi) solution is for you. If you haven't heard about the RPi, it's a credit card sized computer that runs Linux and consumes very little power.

In February, 2013, Robin Cutshaw, AA4RC, made a version of the DVAP software available for the RPi. If you had an RPi with an attached display, keyboard, and mouse, you were in business. Several innovative hams created installation instructions that enabled you to run without a display once you had successfully configured the device via the graphical user interface (X-windows). Building on that, since I rarely ever attach a display on my RPi computers, I've created an installer that does not require one. All of the configuration information is prompted for by the installation script. As long as you have "ssh" access to the RPi from another computer, you can install and configure the DVAP quickly and easily. If you're a Windows user, "putty" is an excellent ssh client, on the Macintosh and Linux, the "ssh" command is already installed.

Information on how to use the installation script is available on my web site: http://nj6n.com/dstar/dvap_installer.html.

For more information on the Raspberry Pi, visit:

<http://www.raspberrypi.org/faqs>

For more information on the DVAP Dongle, point your web browser to:

<http://www.dvapidongle.com>

Vy 73, de Brian, NJ6N



Standalone D-Star operation



SOARA Raffle:

Hal Silverman

The July raffle took in \$232 total. The breakdown for the \$5 raffle was \$170 and for the \$1 raffle the total was \$62. The \$5 prize was a Comet CHV-5X. It is a folding dipole that covers 40,20,15,10 and 6 Meter bands.

For August, we will have a Diamond tri-band mobile antenna and a Diamond trunk mount for the antenna. The combination of a trunk mount and a tri-band VHF and UHF antenna should be of interest especially to the several new members who recently passed the Technician Exam.

For the August raffle, I will try and get some line ferrites and some StackPole connectors.

If there are any comments or suggestions for either the \$1 prizes or a future \$5 prize, please contact me at WB6WXQ@SOARA.org





HF Useful Links:

- [Contests](#)
- [DXpeditions](#)
- [NOAA - Space Weather](#)
- [Propagation de K7RA](#)
- [ARRL Propagation Charts](#)
- [VOACAP Online](#)

CW Class

CQ,CQ,CQ...

...if you are disappointed that your amateur radio license comes without any knowledge of Morse code, we have a deal for you.

We would like to start a Morse code class for beginning operators.

If you are interested please send me an e-mail and we'll see what we can do.

Heiko

ad6oi@soara.org



ARRL SW Division Hamcon

Santa Barbara Amateur Radio Club is proud to announce the ARRL Southwestern Division Convention

The Marriott Santa Ynez Valley Hotel and Convention Center

455 McMurray Road
Buellton, CA 93427

Parking lot and Tailgate Swapmeet, ARDF and T-hunt exhibits and 'How To' workshops. Top notch experts in many areas of Amateur Radio and applied Communications will be present to tell you how its done and show you the way to get more from your hobby. Learn how to take advantage of many new trends in electronics that will make building your own gear more fun and more satisfying. Maker and DIY exhibits will be at hand as well as Vendors who have their offerings available to you...

More info can be found at:

<https://www.swhamcon.com/index.cfm?&secure>



T-Hunt Report

We had a good signal from my starting point (Signal Peak) that pointed directly over the air base. Once we hit Irvine Blvd., the beam heading pointed to RSM so Alan (KK6EMC) and I headed east to Alton and then turned left towards the 241. We really were not getting good direction definition as we toured around Foothill Ranch and then RSM. I think we drove past the Ford dealership a couple of times (according to the audience) and eventually threw in the towel about 2:45 or so. Good hunt, bad results on our part. [The T was hidden at the [241 and SM Pkwy.](#)]

73 de Gray, WA6BJY

Results: Karl & Dale 51min., Sean, 66min., The Croisettes, 74min, Gray & Alan 115min. (resigned)

Please join us for the next T-Hunt on, 9/8, when Dale & Karl hide the T.

From Membership

SOARA has a total of 212 members.

Next month, September is the last month of the dues year.

Requests for membership renewals will be sent by email next month.

Horst and Marie
Zitzmann
KD7JHR and
KD7JHS
Membership Directors
SOARA

[Online SOARA Membership Application](#)



Picnic Pics: Thank you all for attending!



Humor:

Timing is everything

A Conn. State Trooper was patrolling late at night off the main highway near Groton. At nearly midnight, he sees a couple in a car, in lovers' lane, with the interior light brightly glowing. He carefully approaches the car to get a closer look. Then he sees a young man wearing the dress blue Uniform of a Navy Submariner behind the wheel, reading a computer magazine. He immediately notices a young woman in the rear seat, filing her fingernails. Puzzled by this surprising situation, the trooper walks to the car and gently raps on the driver's window.

The young 'Bubblehead' lowers his window. 'Uh, yes, Officer?'

The trooper asks: 'What are you doing?'

The Bubblehead says: 'Well, Officer, I'm reading a magazine.'

Pointing towards the young woman in the back seat the trooper says: 'And, her, what is she doing?'

The Bubblehead shrugs: 'Sir, I believe she's filing her fingernails.'

Now, the trooper is totally confused. A young sailor and a cute girl, alone, in a car, at night in a lover's lane and nothing inappropriate is happening!

The trooper asks: 'What's your age, young man?'

The Bubblehead says: 'I'm 21, sir.'

The trooper asks: 'And her, what's her age?'

The Sailor looks at his watch and replies: 'She'll be 18 in 11 minutes.'

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Year 2013	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	TBD	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				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.

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|---------------|-----------------------------|--------------------|
| | 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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|--|--|
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- | | |
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- | | |
|--|--|
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