



The

Propagator

The Monthly Newsletter of the South Orange Amateur Radio Association

September 2010

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**Meeting:
Sept. 20
7:00 PM**

**N. P.
Murray
Center**

**Veterans
Way
Mission Viejo**

ARES, 75 Years Old

Two important events in Ham Radio coincide this month. September is National Preparedness month and this year, September marks the 75th. Anniversary of ARES (Amateur Radio Emergency Service), not to be confused with R.A.C.E.S. (Radio Amateur Radio Emergency Service) which comes under the U.S. Government service FEMA and is operated locally under the County Emergency Operations Center. Ares operates under the local ARRL Section and serves the Red Cross, Salvation Army and other volunteer emergency service agencies with whom the ARRL has "Memos of Understanding." See the fine article by Mike Corey, W5MPC, and Allen Pitts,



W1AGP in the September issue of QST.

Next, "Are You Ready?" We Hams can't afford to get complacent when it comes to being prepared for disaster. September is National Preparedness month. A good time to check and maybe rotate that stuff you set aside for emergencies, water, food, supplies etc. and check out your off-the-grid equipment.

Check out www.ready.gov and <http://www.earthquakecountry.info/> for more information

See you at Monday's meeting for an informative and interactive presentation. de K6HIV



September is National Preparedness Month, an annual nation wide effort held in September to encourage everyone to take steps to

be prepared for emergencies. The program at the upcoming SOARA meeting is going to address this issue directly. I hope you will be able to attend the meeting and will gain valuable insights.

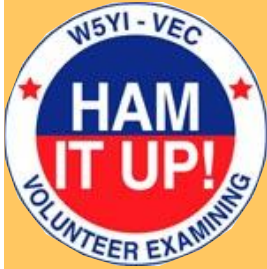
Several SOARA members are in professions where they deal directly (and routinely) with emergency situations. Many others of our membership have affiliated with Amateur Radio emergency groups (ARES, RACES, etc.) Such groups provide education and drills to enhance

On Being Prepared

our usefulness to the community when an emergency arises.

In Southern California we are often reminded of the likelihood of a major earthquake that would disrupt the area. Our first responsibility is to our families—to make provisions at home for the safety and wellbeing of those we care for. Everyone should have the supplies that they would need after a major event stored where they are accessible and up to date.

After an event where public communications is disrupted our equipment and skills can be very valuable. Most hams have some battery operated radios, but so you keep a fresh stock of batteries, and do you keep your equipment in good working order? This is a good time to take stock of your preparedness. You may want to check out your local emergency communications groups. There are many to choose from and any training you get may benefit you greatly. 73



Testing

Testing Results
From
August 16, 2010

Upgraded to Extra

Lloyd Wilber

AF6ZA *

* Passed all exams:
Tech., Gen. & Extra

Christopher Kim
KC6LUV

Upgraded to General

Miichael Mahan
KJ6JND

New Technicians

Sidney Sudberg
KJ6KFO

Paulett "Renee" Bro-
queuille
KJ6KFR

Timothy Nancarrow
KJ6KFS

Kazuo Shirai
KJ6KFT



ARRL Membership

You can join or renew your ARRL membership through SOARA. It can save you the postage and the club receives a modest benefit for handling the transaction. The ARRL is Amateur Radio's most effective voice in dealing with the government and in preserving our frequency spectrum.

Membership

Our new SOARA fiscal year starts in October 2010 and ends September 2011. We hope you can pay your dues promptly!!! Those members who joined since last November will have prorated dues amounts on their letters. We have rounded all of the prorated dues amounts to the nearest dollar to save our treasurer some grief. Our new dues policy is to prorate the dues amounts at the time of joining instead of doing so when the next cycle begins. That way everyone is assessed the same amount in September to simplify the process for our computer programmer.

Anyone who has already paid their 2010-2011 dues will have a zero amount due. We appreciate all who have done that!! To the five new members welcomed above, you have also paid the 2010-2011 dues in advance. Your dues letters will be for information only and will show a zero amount due.

If you don't receive a dues letter by Monday, September 20th, please let us know at the meeting or send us an email at membership@soara.org.

73

Horst Zitzmann, KD7JHR
Marie Zitzmann, KD7JHS

The above two certificates were presented to SOARA in appreciation for their participation and leadership in this year's Orange County Fair Amateur Radio Booth. Mack, KD6KSP, was very instrumental in the organization for this year's booth. To him and all of the SOARA members who participated a big thank you, and congratulations on a job well done.

October Program



Malcolm Levy, KO6SY

**Narrow Band HF
Digital Operating.
Includes PSK31,
JT65 and WSPR**

October 18, 2010

Malcolm will present a primer on narrow band digital modes as used on HF; this will include PSK31, JT65 and

WSPR. At the end of the presentation you will have all the information to set up and operate a narrow band digital station on the HF bands. If time permits, a demonstration using a remote base will be given.

Malcolm was first licensed in 1969 as G8CSU, a British VHF only license. He upgraded to full privileges in 1971 with the license G4ACU. He came to the US in 1984 and was one of the first amateurs to use Pactor and from then on has continuously operated on all digital modes.

KO6SY now lives in San Bernardino County and is the Vice President at Giga-tronics Inc a leading RF & Microwave test equipment company. He is also a Member of the Institution of Engineering and Technology (MIET) UK.



Pacificon 2010
October 15-17
San Remon Marriot
Hotel, San Remon,
CA



Banquet speaker is
spycatcher, astronomer
& author, Cliff Stoll, K7TA

SOARA Holiday Party

December 4, 2010
6:00 PM — ?
Casa Del Sol Golf
Clubhouse in
Mission Viejo



Welcome to our new
members:

Renee Broqueville
KJ6KFR
Erik Kusters
K6EDK
Earl Reed
AF6YT
Sidney Sudberg
KJ6KFQ
David Sanders
KJ6JWQ

Welcome to you all
and please come to
the meeting on
September 20th to
pick up your badges
and handbooks

T-Hunt

The T was hidden by Richard, K6RBS, and Mike, NM6X, in the creek bed under the bridge on Crown Valley Parkway that connects Mission Viejo to Ladera Ranch. Since it was low down in a creek bed it would be difficult to hear unless you were on a high spot or very close by.

This one was supposed to be difficult because:

- The bridge supports would cause reflections making it difficult to get an accurate bearing when close by.
- The signal would become very erratic for anyone driving over the bridge.
- The dense trees and bushes in the creek bed would make it difficult to find.

Despite all this, Gray, WA6BJY, Clark, KI6IZE, and Tom, AE6SH, were on scene about an hour after the T was activated. KI6IZE was the first to spot the T after about 20 minutes of searching with Gray and Tom. Karl, KF6MDF, and Joe, W6BGR, also found the T and Kriss, KR6ISS, found the hiders.

Next month, Sunday, October 3, Clark, KI6IZE will hide the Transmitter.

Raffle

Congratulations to the lucky winners of the one dollar raffle at the August meeting. We did not sell enough tickets to award the five dollar prize in August but I am confident that we will sell enough tickets at the September meeting.

The current five-dollar raffle prize is a Kenwood TH-F6A tri-band handie talkie that features an impressive array of capabilities. Thanks to all of you who support the clubs raffles. Proceeds from the year of raffles will be used to purchase the holiday party door prizes. Good luck to all of you who participate in the raffles, and I hope to see you at the September meeting.

I would like to thank Dennis, KJ6BAH, for his help with the raffle at the August meeting. If there is anyone else who is interested in helping out with the club raffle, please let me know.

Vy 73, Brian, NJ6N



Party Date Set



The 2010 SOARA holiday party in December will be held on Saturday, December 4th. In past years the party has been held on a Sunday. The change to a Saturday was made to enable more members to attend. The location this year is at the Casa Del Sol Golf Clubhouse. There will be a selection of several meals available for all tastes

Watch for further details as the date approaches. But, mark your calendars today!

Education

Next month I am going to start a workshop where a small number of members will bread-board three different circuits. These circuits are germane to ham radio. The first is a three stage amplifier that can be used as an audio amplifier or a microphone amplifier.

The second is a VFO that tunes between 5.0Mhz and 5.5Mhz. This circuit found its way into many rigs. When it is mixed with 9.0Mhz it will produce 14.0 –14.5MHz or 3.5– 4.0MHz.

The third is an 80M QRP CW transmitter with 1.5 W output power.

Those members who are attending will pay a \$20 material fee and SOARA has agreed to put up the balance. It is about a 50-50 split.

At this writing the class is filled. However, if it is as successful as I think it will be, we can run the class again next year.

If you have any questions, let me know. I can be reached at: WB6WXO@SOARA.org Hal

Year 2010	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sept.	Oct.	Nov.	Dec.
General Meeting 7:00 PM	25	22	15	19	17	21	19	16	20	18	15	—
Program	Midway Atoll N6HC	AE6SH Disaster Comm	Digital Modes WB6NOA	Hospital Group AC7GK	Spring Auction	Field Day Prep	Candy Store KL7MF	DaytonTrek Report AF6GL	ARES 75 years K6HIV	Whisper KO6SY	Fall Auction	—
VEC Testing	25	22	15	19	17	26 Field Day	19	16	20	18	15	—
SOARA T-Hunt	3	7	7	11	9 ?	6	11	1	5	3	7	5
Board Meeting	Feb 1	Mar 1	22	26	24	28	26	23	27	25	22	TBA
Special Events				3 Pre-F.D. Exercise	14-16 Dayton		O C Fair Radio Booth		17-19 SW Div Hamcon			
ARRL Field Day						26-27						
SOARA picnic								1				
Holiday Party												4

☛ **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 Mike Slygh, NM6X, at 949-305-1374.

☛ **Contacting SOARA:** Questions about SOARA? Postal mail: P.O. Box 2545, Mission Viejo, CA 92690. Send e-mail to: 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, 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 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.

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