



# ARC OVER

South Bay Amateur Radio Club



W6SBA

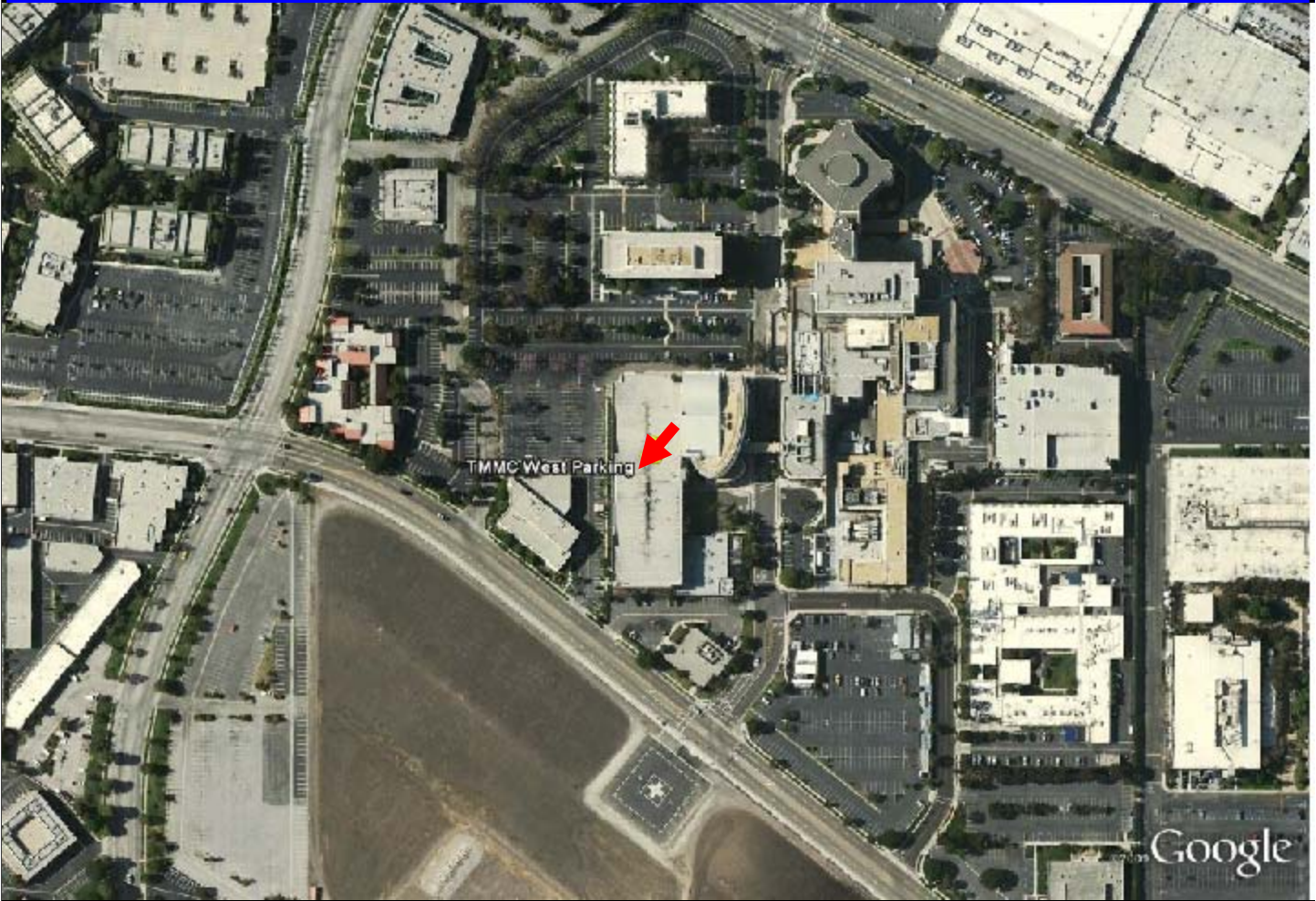
E-mail: [W6SBA@arrl.net](mailto:W6SBA@arrl.net)

*A Community Service Organization  
Dedicated to Amateur Radio Since 1970*

Website: <http://www.w6sba.org>

President - Alex - KD6LPA

June 2010



## CQ FIELD DAY, CQ FIELD DAY, CQ FIELD DAY !!!

We're going to be operating on the roof of the Torrance Memorial Hospital parking garage June 26-27, right below the big red arrow on the screenshot above.

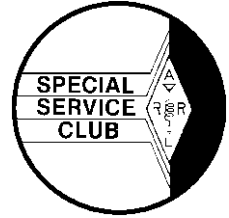
This year, we will be operating as a class 3A -- meaning we'll have 3 HF stations, as well as a VHF/UHF station. Our Vice-President, **Ray Grace**, will be talking about final Field Day preparations and assignments.

Please join us at our next club meeting **June 17**, for this important meeting. We will also be hearing about an exciting new contest organized by our Event Coordinator, **Jerry Shaw**. More information about this new event is in this ArcOver as well as the club web site.



# South Bay Amateur Radio Club

*A Community Service Organization  
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## SBARC Worked All Members (WAM) Certificate

To ensure that our members are active on either the radio or social circuit, the South Bay Amateur Radio Club (SBARC) offers a Worked All Members (WAM) Certificate to any current member in the following categories:

### 1) Operator

- **Worked 10 Members on HF mixed mode**
  - Additional endorsements available for:
    - Worked 20, 30, 40, 50, 60 , and ... members (increments of 10)
    - Worked 2, 3, 4, 5, 6 bands
    - Worked CW, SSB, Digital ...
- **Worked 10 Members on W6SBA Club Net**
  - Additional endorsements available for:
    - Worked 20, 30, 40, 50, 60 , and ... members (increments of 10)
    - Worked 10, 20, 30, 40, 50, 60 , and ... nets (increments of 10)
    - Worked 36 Nets in a year
- **Worked 10 Members on VHF/UHF Simplex**
  - Additional endorsements available for:
    - Worked 20, 30, 40, 50, 60 , and ... members (increments of 10)
    - Worked 2, 3, 4, 5, 6 bands
    - Worked EME ...
- **Worked 10 Members on VHF/UHF Repeater**
  - Additional endorsements available for:
    - Worked 20, 30, 40, 50, 60 , and ... members (increments of 10)
    - Worked 2, 3, 4, 5, 6 bands
    - Worked Satellite ...

### 2) Non-Operator

- **Worked 10 Members in person at a SBARC Event**
  - Additional endorsements available for:
    - Worked 20, 30, 40, 50, 60 , and ... members (increments of 10)
    - Worked 2, 3, 4, 5, 6 events
    - Worked 12 Meetings in a year

## General Rules:

- 1) **SBARC WAM is an informal social networking incentive Certificate. It is not intended to be a head-to-head competitive award. Participation in this program is voluntary and not mandatory.**
- 2) Applicants must be current members of SBARC.
- 3) All contacts must be made while a member of SBARC.
- 4) Contacts must be made with current members of SBARC.
- 5) All contacts, certificates will be verified by the SBARC WAM coordinator.
- 6) Challenges will be taken case-by-case. Since SBARC WAM is not a competitive award, challenges are discouraged and the honor system and general club citizenship trust will be the convention.
- 7) A physical certificate will be issued for the initial certificate and endorsement stickers will be provided for additional endorsements.
- 8) Certificates and endorsement stickers will be presented at the monthly SBARC meetings.
- 9) Duplicate member contacts will not be allowed under a single certificate or endorsement, they must be unique members.
- 10) Duplicate member contacts will be allowed across multiple certificates and endorsements. Example: KI6XYZ can be worked on both HF and UHF/VHF. KI6XYZ can be worked on HF CW for an endorsement and then HF Digital for an additional endorsement. KI6XYZ can be worked at multiple social events but not for a single certificate or endorsement.
- 11) Non-Operator SBARC events include any club sponsored gathering where at least 20 members attend. These include: monthly meetings, field days, community events, social events, and club expeditions.
- 12) Worksheets are to be submitted at club meeting to a Council Member. A copy of the worksheet will be returned with the certificate or endorsement. The original worksheet will be kept in the club WAM Database.
- 13) There is no time limit or fixed period for earning certificates or endorsements.
- 14) All contacts must be made on or after 04/03/2010.

More information about this contest will be announced at our June meeting. The sample log sheets are available on the club web site.



## Meet the new SCE Smart Meters!

*By Alex Marko*

As mentioned in a previous Arc-Over (Nov 2009), the new SCE power meters are coming! The display is digital and each meter seems to have it's own serial number so SCE can remotely read the amount of power each household consumes, without sending out a technician each month.

Remember, one of the key objec-

tives of the SCE smart grid is for each of us to start using our electricity more wisely. Remember the old slogan, "Give your appliances the afternoon off?". Well, now SCE will know how much power you consume during peak hours vs. off peak hours, and you will be charged accordingly. Power during the afternoon will start costing A LOT MORE, especially now that summer and the warmer weather is here. I also understand that each consumer will absorb the cost of the new meter over several months, so you can expect your electric bill to go up!

This is a good time for all of us to re-examine the way we consume power. Obviously the refrigerator needs to stay plugged in 24x7. But you can look around for wall-worts (the many transformers that plug in to our power strips). Those devices are constantly transforming AC into specific DC voltage for each electrical appliance, and honestly, we leave them plugged in



for convenience and the "instant on" functionality. Consider investing in a "Kill-a-Watt" device to help lower the cost of your monthly electricity bill.

The Kill-a-Watt device plugs into your wall, then you plug your appliance into the Kill-a-Watt meter. It measures how much power you're appliance is using and enables you to make intelligent decisions about which devices really need to be plugged in 24x7.

For more information, check out:

<http://www.smarthome.com/9034/Kill-A-Watt-P4400/p.aspx>

## NEW QUESTION POOL FOR TECHNICIAN TEST

Effective July 1, 2010, a new question pool for the Technician test will go into effect. The new exam will introduce graphics and diagrams as part of the pool of questions. This latest revision to the exam will be effective until June 30, 2014, and will continue to consist of 35 questions.

A valuable study aid is available at <http://www.qrz.com/p/testing.pl>

## I WANT TO ADD A GPS TO MY RADIO!!!

*By Alex Marko*

Adding a GPS to your radio can be a lot of fun. First, it gives you the opportunity to send APRS packets, which is handy if you're on foot (**say for our upcoming FoxHunt**), or if you're traveling in your car. A lot of radios have built-in APRS TNC's, a device that translates digitally encoded messages from your fellow hams right there for you on the screen.

Unfortunately, adding the stock GPS with your radio is usually the least affordable option. If you're willing to do put your Do-It-Yourself cap on, there's a really good deal on Amazon featuring the GlobalSat BR355 starting at \$38.95 + shipping. It's got the Sirf III chipset, which is (in my humble opinion) the BEST GPS hardware you can buy for quick startup time and accurate readings, even in areas where sky visibility is limited. This particular model is a serial device, making it ideal for integrating with your amateur radio. Most of the new GPS models are coming with USB interfaces, because it can supply power and act as a serial device via a single data connector. There's also an option for converting the DIN connector to a standard DB-9 serial port. If you're interested, act fast, these items won't last long!!!

[http://www.amazon.com/Serial-GPS-Receiver-Cable-Kit/dp/B000VUFGF8/ref=sr\\_1\\_1?ie=UTF8&s=electronics&qid=1276476722&sr=8-1](http://www.amazon.com/Serial-GPS-Receiver-Cable-Kit/dp/B000VUFGF8/ref=sr_1_1?ie=UTF8&s=electronics&qid=1276476722&sr=8-1)



## FIELD DAY FOR NEW MEMBERS:

Field Day is all about learning and working with your fellow club members to build an emergency radio station. The goal is to conquer this task with teamwork. We can all accomplish more by working together and learning from each other. Watch us erect pushups towers to get the main antennas up and running. We'll have beams, wire, verticals and maybe some homebrew antennas. Remember, Field Day is also about experimentation!

Since we're not allowed to use commercial power, we will have an emergency generator, along with solar power, and even bicycle power -- all in the spirit of emergency preparation. The logistics for this whole operation is quite impressive and each year different techniques and talent come in to play in order to make this event a success.

To track all the radio stations we plan to contact, we'll have a computer network set up that allows us to log each radio contact -- to ensure we don't have duplicates. You can contact the same callsign more than once, as long as it's on a different band (e.g. 2m, 440, 10/15/20/30/40/80m, etc) or on a different mode (e.g. PSK, CW, Phone, etc). Speaking of PSK, digital mode will be emphasized this time, so if you like chatting on line via the internet, you'll definitely want to give PSK a try. It's essentially the same concept, except your typing wireless messages that bounce off the earth's atmosphere to other hams around the country participating in this event.

I encourage all of you to volunteer for something different, so you keep learning new things and at the same time bring new perspectives and ideas to existing processes. Field Day is a fun event. Please come out and support your club. Bring your family and friends, and let's all enjoy the fun of Field Day! See you there!

### CLUB SERVICES:

License upgrades and / or new license testing  
 VE Sessions are held the 2nd Saturday of every even month  
 Need to sell something at the Swap Meet?  
 ARRL Membership renewals or new registration  
 Club Name Badge / Jackets

### CONTACT:

Joe, WB6MYD  
 Joe, WB6MYD  
 Joe, WB6MYD  
 Joe, WB6MYD  
 Joe, WB6MYD

### POSITION:

Secretary / Treasurer  
 Secretary / Treasurer  
 Secretary / Treasurer  
 Secretary / Treasurer  
 Secretary / Treasurer

Club Operation  
 Need something posted on the web site, or newsletter?  
 Ideas for Club Speakers, Field Day Planning  
 Membership, Health & Welfare  
 Upcoming Club Events  
 Club Activities

Alex, KD6LPA  
 Alex, KD6LPA  
 Ray, WA6OWM  
 Brian, KI6ERR  
 Jerry, KI6RRD  
 Alan, KG6ZPL

President  
 Editor / Webmaster  
 Vice President  
 Council Member  
 Council Member  
 Council Member

If you have questions about your ham equipment, please feel free to ask any of our club members for help. Or, if you'd like, please talk to any council member, and we'll do our best to help you.

"Elmering" is available to every member, please ask any officer, and we will find a knowledgeable club resource for you.

You're a member of one of the best clubs in the area, and we want your help to make it even better. If you have a suggestion or an idea for improvement, we want to hear from you. Please feel to contact any council member by phone or email.

**NOTES FROM THE SECRETARY JOE-WB6MYD**  
**e-mail address - jlanphen@ca.rr.com· 310-328-0817**



1. **Attendance Drawing:** The attendance drawing for May saw our own President become the lucky winner of the \$25 jackpot. Congrats Alex! The June drawing will be \$20 dollars. Remember, you must be present to win the jackpot, else the kitty is increased by \$5 for the following month.
2. **Suggestion Box:** We are starting something new! Starting with the June club meeting, a suggestion box will be made available, along with a piece of paper to write down your ideas for making the club even better. No names, callsign, or phone numbers required. It is completely anonymous. If you have a good idea for the club, let us know! Or if you notice an area for improvement, please take the time and use the box!
3. **Membership Roster:** The membership roster will be available to all members in good standing at the June meeting. If you are unable to attend, please contact Joe so we can arrange a copy to be sent out to you. Remember, membership rosters are NOT to be duplicated or distributed outside the club. Please respect the privacy of your fellow club members by using the roster for personal use only.
4. **Event Chair:** Jerry - KI6RRD wants to find out whose operating on the air, and on which modes. Let's give him honest answers when he asks. He has a lot of plans coming up, but he needs to know our areas of interest to plan accordingly.
5. **Wine Tasting:** If you're interested in helping out with the Rancho Cucamonga Grape Harvest Festival, please contact Rich KG6JKJ or Joy KD6FJV for further details. There are very much involved with this event and are looking for your participation. The event is scheduled in the August timeframe.
6. **Services:** Please remember to renew or become an ARRL member through the club. (Contact Joe for details). The club benefits by getting a commission, so please help us out. Also, if you'd like to order a name badge, they can be ordered for \$10. Phone patch subscription is available for \$40 annually.
7. **Weekly Net:** Join us every Thursday night at 7:30PM on the W6SBA repeater to hear all the latest and enjoy the conversation by your fellow SBARC members. (No net occurs on the day of club meetings)
8. **Reminder:** Remember the Club Services available to you as shown in the ArcOver are for you! Please feel free to ask for and seek the assistance from any of the officers and anyone you think might be able to help you! We're all in this together!

**CLUB OFFICERS FOR 2010:**

**President, Alex Marko - KD6LPA**  
 kd6lpa@socal.rr.com - 310-530-6614

**Vice-President, Ray Grace - WA6OWM**  
 wa6owm@arrrl.net - 310-370-1913

**Secretary/Treasurer, Joe Lanphen - WB6MYD**  
 jlanphen@ca.rr.com or w6sba@arrrl.net - 310-328-0817

**Past President, Richard Whited - KG6JKJ**  
 rbwhited@yahoo.com - 562-756-7103

**Activities Council Member**  
 Alan Parks, KG6ZPL  
 aparks@raytheon.com - 310-558-8718

**Events Council Member**  
 Jerry Shaw, KI6RRD  
 shaw@scsenginc.com - 310-374-5252

**Membership Council Member**  
 Brian Smith, KI6ERR  
 brian.sbarc@yahoo.com

## CALENDAR

**Council Meeting** - 1st Wednesday of the month  
Call Joe - WB6MYD (310) 328-0817

**Club Meeting** - 3rd Thursday of the month  
**June 17, 2010 @7:30 p.m.**  
**Torrance Memorial Medical Center**  
**West Tower, 2nd Floor, Room "A"**

**Club Nets** - **W6SBA WEEKLY NET**  
Every Thursday @7:30pm  
(except the night of club meetings)  
**PVUSD EMERGENCY NET**  
1st Tuesday of the month  
09:30 Hours on the W6SBA repeater

**TRW Swap Meet** Saturday, **June 26, 2010 @7-11am**

**VE Session** - **August 14, 2010, 9-11am**  
**West Tower, 2nd Floor, Room "A"**  
**Contact: Joe WB6MYD**  
**Phone: (310) 328-0817**  
**jlanphen@ca.rr.com or w6sba@arrl.net**

**Social Lunch** - 2nd Saturday, **August 14, 2010, @12pm**  
**New York Deli**  
**2424 Sepulveda Blvd**  
**Torrance, CA 90501 (310) 891-1229**

## CLUB SERVICES

Awards Manager (HF/VHF)	Cliff - K6LH
Health & Welfare	Brian - KI6ERR
Swap Meet Chair	Joe - WB6MYD
VE Test Liaison	Joe - WB6MYD
VE Test Sessions	Joe - WB6MYD
Webmaster	Alex - KD6LPA
Editor	Alex - KD6LPA
Proofreader	Vacant

### South Bay Amateur Radio Club Repeater

224.38 MHz ·PL - 192.8 Hz Offset -1.6 MHz  
(See Calendar for Weekly Net Times)

### NEWSLETTER SUBMISSION

South Bay Amateur Radio Club  
P.O. Box 536  
Torrance, CA 90508  
W6SBA@arrl.net  
Website: <http://www.w6sba.org>

:OL

Address Correction Requested

*A COMMUNITY SERVICE ORGANIZATION*

W6SBA

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Post Office Box 536  
Torrance, CA 90508-0536

