



# ARCOVER

## South Bay Amateur Radio Club



WB6SBA  
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 - ED - KN6JN

April 2007

### April Meeting

**Torrance Memorial Medical Center  
West Tower Auditorium**

3330 W. Lomita Blvd., Torrance, CA 90505  
On Medical Center Drive

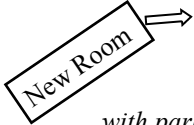
with parking in the structure behind the WEST TOWER.

**THURSDAY, APRIL 19, 2007**

**SKIP BOLNIC - KJ6Y  
"IOTA"**

**(ISLANDS ON THE AIR)**

Skip - KJ6Y will lead us on an adventure to IOTA, "Island On The Air" activity. IOTA expeditions are a fun activity that mixes your vacation activity with our hobby by operating from an island. He is the past president of the Southern California DX Club, and has a professional Antenna and Tower business. Need antenna work, call Skip.



#### President Ed - KN6JN

For all of you who don't get World Radio, I want to comment on the monthly emergency communication column. The May 2007 edition arrived in the mail Wednesday. The article is entitled "Selecting an HF Field Antenna", The author, Jerry Wellman W7SAR, tells us "solid construction and attention to detail" are the hallmarks of a good antenna. Other factors are using the correct coax and using the antenna for the frequency it was designed for. W7SAR implores us to get outside and play with your antennas. Check out some plans and build something new.

Another part of his article was about emergency lighting. He liked the Pak-Lite that sits on top of a 9-volt battery. See [www.9voltlight.com](http://www.9voltlight.com) for more info. There was also a segment on storing food and having food in your grab and go kit. The author is in the process of changing over his kit from winter to summer and he is "cleaning, checking and testing." We should be thinking about doing the same even though our seasons are not as harsh as Utah's we should review our stores. I know everyone has their house smoke detector batteries changed when the time changes in the spring and the fall. Maybe this would be a good reminder for your emergency and grab and go kits too.

Do you watch MythBusters with Adam and Jamie on the Discovery channel? In one episode recently, they or their minions constructed a Faraday cage. A Faraday cage is a box of copper mesh where radio signals don't get in or out of the box



#### MARCH MEETING GAEAT SUCCESS

John Kemper - W6JN was the guest speaker at the March meeting. John has been involved with the development of many pieces of direction-finding equipment over the years while he was working for the FAA. We are a little safer because of the development of the direction-finding process. John gave a demonstration of the close-up technique, and he was right on target.

We are so lucky to have people in our area who have played an important part in the development of amateur radio test equipment and other electronic devices that have been a part of the developing electronic age.

Attend the club meetings and have a firsthand view of history in the making.

#### Attendance Drawing

!WOW! The winner of the membership drawing in February was Rob - KB6KMX, but he was not present. His name was drawn again at the March meeting and he was at the meeting. I guess he is glad he had time to attend. The kitty for the April meeting will be \$15.00 Remember you must be a member in good standing and be present at the meeting to win!



They were testing if radio signals could ignite combustible items in a military helmet. I enjoyed seeing how someone would build a Faraday cage. I also enjoyed seeing the test equipment. They have also tested if cell phone radio signals could cause fires at the gas station. Watch and enjoy the science.

I am going to Washington DC the week of April 8<sup>th</sup>. One of our stops will be a 45 minute tour of the Voice of America broadcast studios. We also plan to visit the Navy Yard museums nearby. I will be handing out my QSL card at each of these stops. When I visited the Missouri Battleship in Pearl Harbor a few years ago our family got a tour of the radio spaces. I should have had my QSL card with me for that. This time I will be prepared.

Put on your calendar the Special Olympics held at Cal State Long Beach, June 15, 16, and 17. They need volunteers to handle radio communications all over the campus. See Joe WB6MYD about this event.

That is it from 230<sup>th</sup> St. Have fun at Baker to Vegas and get ready to volunteer for a leadership position at Field day. See you at the next club meeting, April 19. Happy Hamming and 73. Ed KN6JN

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



- ◆ UP DATE — The sign-in sheet has taken on a slightly different look. It now has more information on it which we need you to check. Please verify your info as listed including e-mail address. I am also concerned about your ARRL membership. Please be sure to check “yes” if you are an ARRL member and “NO” if you are not a member. The ARRL membership data is very important. As you know the club’s ARRL affiliation is based on 50% or more of the membership also being ARRL members.
- ◆ The jacket, shirt, and hat project is coming up. We encourage you to wear our club jacket, shirt and hat for the convention in September. As you know we play a pretty big roll in this year’s SW Division ARRL Convention. It will be held right here at the Torrance Marriott in September. We should have the list of prices soon.
- ◆ ARMED FORCES DAY PARADE — The parade will be on May 19th this year, and we will try to have the assembly function back as in the past. We will need your help with that project.
- ◆ FIELD DAY — Field day is coming fast and Alex, our Field Day Chairman, is busy getting us all involved to really make this a club effort again this year. Please stay tuned for more details and save the weekend June 23 and 24.
- ◆ NEW PROJECTS — Do you know of a project where we might be able to assist with communications? Give a call to one of the board members, and we will check it out.
- ◆ Dues — A reminder to a few members that have not paid their 2007 dues. Please take a moment of your time to make a check payable to the SBARC and mail it to PO BOX 536, Torrance, CA 90508. Remain in good standing and stay connected. We appreciate your support.
- ◆ MEETING ROOM — This month we will meet in the WEST TOWER Auditorium on the 2nd floor. The WEST TOWER is the building across from the Health Conference Center where we usually meet.



**WIN! WIN!**

**A NIGHT AT THE ARRL SW Division Convention**

One night’s lodging on banquet night at the Marriott. Tickets are: \$15 each or 2 for \$25. The drawing will be held at the July 19, 2007, SBARC meeting. The winner need not be present. See John - AC6FB at the club meeting Thursday night or the Swap Meet, April 28, 2007.

**SOUTH BAY ARC OFFICERS 2007**

President, Ed Hinz - KN6JN  
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Secretary/Treasurer, Joe Lanphen - WB6MYD  
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Council Member #2, John Wilson - AE6LK  
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 310-675-0732

W6TRW Swap Meet Space Manager - John Crocker -  
 AC6FB jcrochaw@pacbell.net - 310-675-0732

**W6TRW SWAP MEET**

**April 28, 2006**

**7:00 a.m. through 11:30 a.m.**

Reserve the date - bring the family for a walk through the Swap Meet. The weather has been cool enough to enjoy the time outside and get in that important exercise. There are lots of interesting things to see and buy. Drop by the club Space I-18 and see what is left to buy or maybe bring something to sell.

Over a dozen members dropped by last Saturday. Thank you for supporting the Swap Meet. John - AE6LK manned the Club table while I signed up people for the Hamcon Convention and passed out information on the Club and the Convention.

We will have reservation forms available for the 2007 ARRL Southwestern Amateur Radio Convention at the meeting.

If you have items to sell, please call John - AC6FB at 310-675-0732 or e-mail at jcrochaw@pacbell.net.



## KNOW YOUR PRIVILEGES! MISCONCEPTIONS ABOUND REGARDING TECH HF PRIVILEGES

Some Technician licensees who gained new privileges February 23 remain unaware or uninformed as to what they may and may not do on the HF bands, says ARRL Regulatory Information Specialist Dan Henderson-N1ND. In addition to all Amateur Radio operating privileges above 50 MHz, Technicians who never passed a Morse Code test now have CW privileges on certain segments of 80, 40 and 15 meters plus CW, RTTY, Data and SSB privileges on certain segments of 10 meters. And that's it

"Know your privileges <<http://www.arrl.org/FandES/field/regulations/bands.html>>," Henderson advises all Amateur Radio licensees. He says some Technicians apparently believe their new HF phone privileges go far beyond what they really have. "Technicians have no phone privileges on any HF band other than 10 meters, period!" Henderson emphasizes. "That's the bottom line. If you want to operate phone on the other HF bands, you'll have to upgrade to General or Amateur Extra class." A lot of Technician licensees appear to have done just that, according to statistics compiled by Joe Speroni-AH0A <<http://ah0a.org/FCC/Licenses.html>>. So far in March, the number of General class licensees is up by more than 2700 over the February figure to 134,173, after hitting a 5-year low of just under 131,000 in January. The number of Technicians dropped by 4655 in the same period to 318,838. Speroni notes, however, that his mid-month figures tend to underestimate actual totals. Most Technician license holders face a learning curve to take advantage of their new CW privileges on HF, but they no longer have to pass a Morse code examination. Technicians also may use their new HF privileges without having to apply for them first. No other license class automatically acquired additional privileges February 23. The "omnibus" rule changes effective last December 15 did not give Technician licensees without Morse Code credit any additional privileges either.

**Henderson further warns new Techs not to extrapolate additional phone privileges by misconstruing the FCC Part 97 rules to mean something they don't.**

"Calls I've been getting lately indicate that some misinformed individuals believe Technicians may operate 'digital voice' on 80, 40 and 15, where they have only CW privileges," he says. "Not true. Digital voice is really digitized voice, and it's not permitted in non-phone band segments." Henderson reiterates that Technicians do not have FM voice privileges on 10 meters -- or on any other HF band, for that matter. The HF privileges all Technicians now have are equivalent to those that Novice licensees enjoy, Henderson notes. "This also means the 200 W maximum power limit still applies, regardless of where you operate in the HF bands," he says. Technicians may operate at up to the legal limit on VHF and UHF, however.

On 10 meters, Technician and Novice licensees have CW, RTTY and data privileges from 28.000 to 28.300 MHz, and CW and SSB privileges from 28.300 to 28.500 MHz. "We're sorry that the sunspots aren't favoring 10 meters at this point in the sunspot cycle, but they will in a few years," Henderson allowed. In addition, Technicians and Novices have CW -- and only CW -- privileges from 3.525 to 3.600 MHz on 80 meters, from 7.025 to 7.125 MHz on 40 meters and 21.025 to 21.200 MHz on 15 meters. Henderson believes at least some of the confusion may have originated with a few brand-new or inexperienced Technician licensees who heard that the FCC deleted the Morse code requirement to obtain an Amateur Radio license, but paid little attention to the fine print. "And we all know the devil's in the details," Henderson says. "Remember, the FCC requires you to know where you may and may not operate and with what modes. Stick to the privileges your license allows or risk hearing from the FCC."

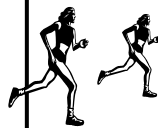
## Station For Sale

Roy-K6ARB has put his Heathkit station up for sale. If you are interested please give him a call and make him an offer. This is an excellent HF Station. His number is 310-370-3248, remember to tell him you're also a member of the SBARC.

### Postal Rates Effective May 14, 2007

Letters, bill payments, greeting cards .41 for the 1st oz  
 Postcards, QSL Cards 26 cents up from 24 cents  
 Wedding invitations (2 oz) 58 cents, down from 63 cents.  
 Priority mail flat-rate envelope \$4.60, up from \$4.05  
 Express Mail flat-rate envelope \$16.25, up from \$14.40  
 Parcel post 1 lb package, \$4.50 up from \$3.95  
 Barcoded utility bill 31.2 cents up from 29.3 cents

## BAKER TO VEGAS



**Pack you bags the Race is only a few weeks away**

If you have the weekend free and want to come and have a fun time give Joe-WB6MYD or Joy-KD6FJV a call.

This Relay-Race by our law enforcement teams will again take place on April 21 and 22, 2007. A group from the SBARC has been handling "Stage 14" for the last few years with some members working at other positions. We can use some more help, licensed people and others too (your wife, daughter, son, or friend). They can help also.

Please let me know ASAP Joe - WB6MYD at [janphen@ca.rr.com](mailto:janphen@ca.rr.com) or call 310-328-0817. I really look forward to hearing from you to help fill out the pit crew for this year's event.

## CALENDAR

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

**Club Meeting** - 3rd Thursday of the month  
**April 19, 2007 7:30 p.m.**  
Torrance Memorial Medical Center  
WEST TOWER AUDITORIUM

New Room →

**Palos Verdes School District**  
**EMERGENCY NET**  
1st Tuesday of the month  
09:30 Hours on the W6SBA repeater

**QSL Card Sorting** - Call Ray—WA6OWM  
(310) 370-1913

**TRW Swap Meet** - Saturday, April 28, 2007  
7:00 a.m. - 11:00 a.m.

**VE Session** - April 14, 2007

**Baker to Vegas** - April 21 and 22, 2007

**Armed Forces Day Parade** Saturday, May 19, 2007

**Special Olympics at Cal State Long Beach**  
June 15, 16, & 17

**Field Day** - June 23 and 24, 2007

**2007 HAMCON SW DIVISION CONVENTION**  
September 7, 8, and 9, 2007 at the Torrance Marriott

## CLUB SERVICES

HF Awards Manager	Mark - KA6ZTO
VHF Awards Manager	Cliff - K6LH
Swap Meet Chair	John - AC6FB
VE Test Liaison	Joe - WB6MYD
VE Test Sessions	Joe - WB6MYD
Web Master	Alex - KD6LPA
Editor	Mary - KE6BBK
Proofreader	Ruth Kain

### South Bay Amateur Radio Club Net

224.38 MHz · PL - 192.8 Hz Offset 1.6 MHz  
7:00 p.m. Thursday Evenings

### NEWSLETTER SUBMISSION

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



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W6SBA

*A COMMUNITY SERVICE ORGANIZATION*

Address Correction Requested

TO: