



ARCOVER

South Bay Amateur Radio Club



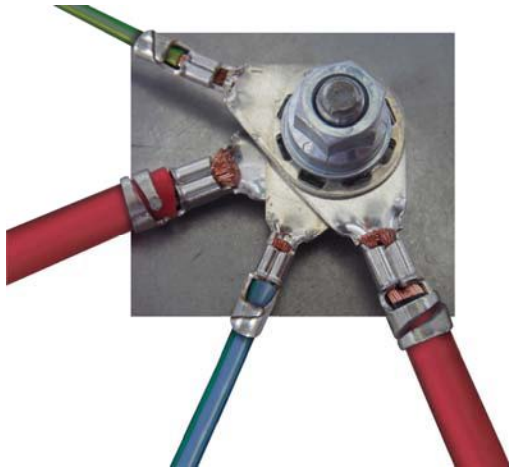
W6SBA
E-mail: W6SBA@arrl.net

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

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

President - ALEX - KD6LPA

March 2009



**TORRANCE MEMORIAL MEDICAL CENTER
ROOM "B"
WEST TOWER, 2ND FLOOR**

3330 W. Lomita Blvd., Torrance, CA 90505
On Medical Center Drive
With parking in the structure behind the West Tower

THURSDAY, March 19, 2009

TOPIC:

"Grounding"

Presented by Dennis Kidder, W6DQ

ABOUT THE SPEAKER:

Our speaker, Dennis Kidder, W6DQ, was first licensed as WN6NIA back in 1969. He upgraded to Advanced and became WA6NIA, then recently traded his call of 37 years in for W6DQ -- the call sign of one of his early Elmers. In addition to working both VHF/UHF as well as HF, he operates EME (Earth-Moon-Earth) on 2 meters.

Dennis is a Life Member of the ARRL, an Assistant Emergency Coordinator with the Orange County Hospital Disaster Support Communications System, and is currently President of the Associated Radio Amateurs of Long Beach. Please come join us for an informative meeting on Grounding. Dennis is a great speaker and has a lot of wisdom to impart. You won't want to miss this presentation. Look forward to seeing you there!

PLEASE JOIN ME IN WELCOMING OUR CLUB'S NEWEST MEMBERS:

Alfonso Jalasco -- KI6ULP

Alfonso enjoys HF, VHF/UHF, CW, Microwave, and supports DCS, RACES and ARES. Thank you Alfonso for joining our club, and welcome!

James Currio - KI6FGV

Jim enjoys HF, VHF/UHF, Packet, Microwave, Oscar and ATV and is also quite active in ARES. Thank you Jim for joining our club, and welcome!



“The Great Race” By Alex Marko

This past weekend, several members of our club participated in the annual Baker to Vegas race. For those unfamiliar with the event, it's a relay race run on foot by various Law Enforcement organizations. The race starts in Baker, CA and ends in Las Vegas. And various hams help out at each of the check-in points throughout the race to log runner times, enforce race rules, but more importantly, use our radio skills in the event someone requires medical attention.

This year, the SBARC club worked Stage 13, which is roughly half-way thru the race. We set up an early warning alert system about 1 mile from the Stage 13 checkpoint and announce to the teams standing by that their runner is approaching, so their teammate can get into position and be ready to receive the baton handoff when the runner crosses the stage line. This year, we tracked about 250 runners from all over the world.



After the race is over, we returned back to our hotel (Whiskey Pete's) and enjoyed a nice relaxing day at State Line. Jane Grace (Ray's XYL) struck it big and won \$250, which is quite a feat! Yours truly didn't do so well at the tables. I usually like to play a few games of craps, as it has the best odds (mathematically speaking), but certainly doesn't guarantee any winnings. After all my hard work rolling the dice, I cleared a whopping \$3! I need to ask Jane for a few pointers so I can be better prepared for next year!

I wish to congratulate all of the SBARC members who participated in B2V this year. You did a great job as always, and I thank you for support. Until next time, this is Alex saying 73. Look forward to seeing you March 19, 7:30pm!

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

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

CONTACT:

Joe, WB6MYD
Joe, WB6MYD
Joe, Wb6MYD
Joe, WB6MYD
Joe, WB6MYD

Alex, KD6LPA
Alex, KD6LPA
Rich, KG6JKJ
Matt, N6MDC
Nancy, NJ6S

POSITION:

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

President
Editor / Webmaster
Vice President
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. (Contacts: Page 4)

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



ARRL Membership: The South Bay ARC as you know is not only an ARRL Affiliated Club we are also a Special Service Club. As such we are expected to be better. We do have certain obligations that afford us some special privileges; one is we can get notice of new hams in our club area for example. On a monthly basis which helps us to get new hams and so on. I mail them one of our club news letters and invite them to our meeting, this is the way we continue to grow. This is important of course to the well being of the club. We in turn must maintain a 50% plus ARRL membership for this. I am asking you to let me know in other words whether you're an ARRL member or not, if not we can help you sign up and if you are, well I need to know the numbers of course. Please read the Services we offer you as a member of the SBARC in our Arc Over. Please don't hesitate to ask me or any officer about your concerns regarding these services or any thing else of course. Thank you, Joe-WB6MYD

Dues: Please remember to submit your annual dues for 2009. We need your continued financial support to keep the club running smoothly. Dues for a single member is \$20 dollars, Associate and family memberships are \$30 dollars. Please make your check payable to SBARC and drop it in the mail to:

SBARC Membership
P.O. Box 536
Torrance, CA 90508-0536

Memberships Received in February:

Joy-KD6FJV	551382	Rich-KG6JKJ	551383
Mary-KE6BBK	551384	John-AC6FB	551385
Richard-KG6SFK	551386	Alan-K6MU	551387
Joe-NZ6L	551388	Alfonso-KI6ULP	551389
Kostek-K6MNA	551390	Marjorie-KG6HPR	551391
Arthur-WS6U	551392	Bob-KQ6WQ	551393
Betty-N6VZF	551394	Dick-W1MII	551395
Meredith-K6QEC	551396	Mike-KI6LJM	551397
Rob-KB6KMX	551398	Dee-KB6DEE	551399
Russell-KI6HBG	513400	Chuck-KN6H	551401

CLUB OFFICERS FOR 2009:

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

Council Member #1, Matthew Cruse - N6MDC
310-374-5696

Vice-President: Richard Whited - KG6JKJ
rbwhited@yahoo.com - 562-756-7103

Council Member #2, Nancy Klatskin - NJ6S
nklatskin@sprynet.com - 310-540-3253

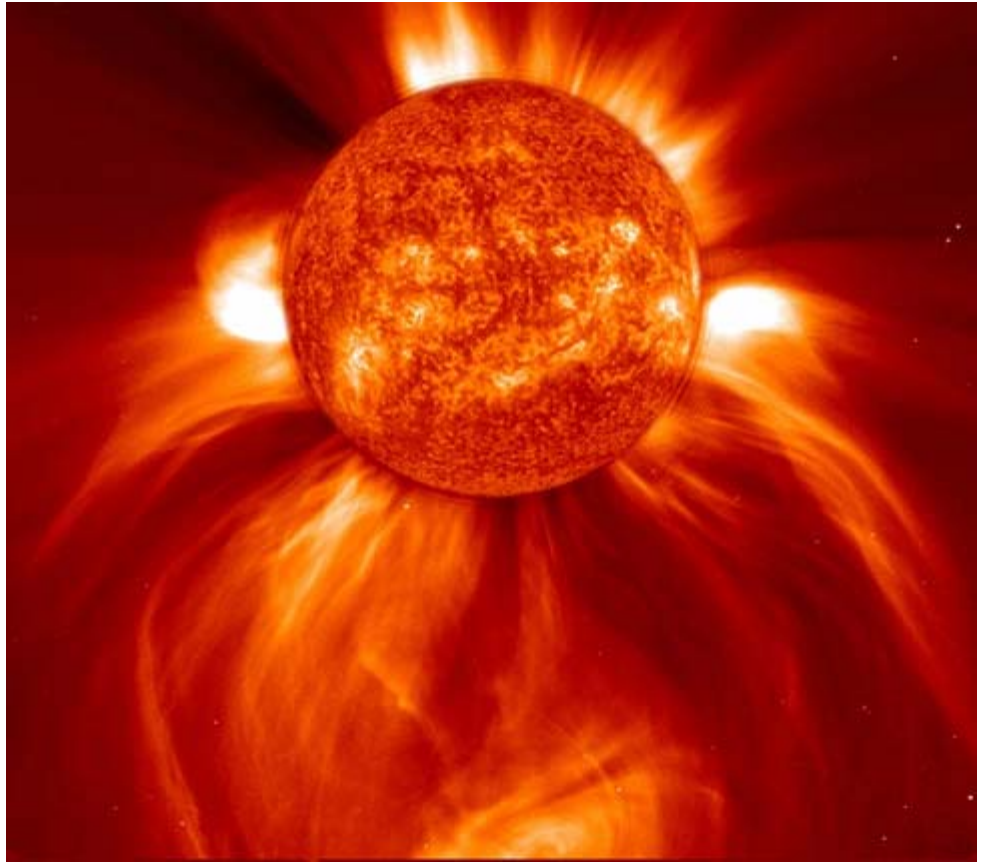
Secretary/Treasurer, Joe Lanphen - WB6MYD
jlanphen@ca.rr.com or w6sba@arrl.net - 310-328-0817

Past-President, Ed Hinz - KN6JN
kn6jn@aol.com - 310-325-7944

Solar Storms Could Bring Disaster

A new study from the National Academy of Sciences outlines dire consequences on Earth for a worst-case scenario giant solar storm. Scientist involved in the study say that damage to power grids and other communications systems could be catastrophic. While the sun is in now in a lull period, solar activity is expected to rise sharply in coming years and what is known as severe space weather will ramp up a year or two before the peak in 2012. At its worst, severe space weather in the form of solar flares and other phenomena can produce a storm electromagnetic energy.

Once it hits earth it can disrupt power distribution grids and cause blackouts and also downgrade both terrestrial wire-line and satellite to ground communications. Severe solar storms an even damage satellites if they are not fully hardened against radiation.



Ground based communications, especially on the High Frequency bands used by most radio amateurs would also be adversely impacted during such solar event. Daniel baker, the director of the Laboratory for Atmospheric and Space Physics at the University of Colorado in Boulder was the lead researcher in this study. He says that in the event of a high magnitude solar storm that the social impact could be enormous. Emergency services could wind up being strained, and command and control might be lost.

The National Academy of Sciences says that its prediction is based in part on a major solar assault back in 1859. That Storm is believed to be the reason that telegraph systems short circuited in both the United States and Europe. According to the new study with the advent of modern computer controlled power grids and relay satellites on-orbit, much more is at risk.

The report was commissioned and funded by NASA. Experts from around the world in industry, government and academia participated. More is on line at <http://www.foxnews.com/story/0,2933,478024,00.html> and

<http://in.news.yahoo.com/139/20090109/981/tsc-future-saolar-storm-could-shut-downu.html> (Science OnLine and Newslines)

From: World Radio Online Year 38, Issue 9, March 2009

Attendance drawing:

Attendance drawing: Our lucky member Meredith Eick - K6QEC who was present at our February 19th meeting won the kitty. Congrats Meredith and thanks for being with us!

As many of you know, the Attendance drawing started at 15 dollars for many years. Recently, the council increased the starting amount to 20 dollars. Remember, the attendance drawing is for members in good standing, and that member must be present to collect the prize. If the kitty isn't won, it increases by 5 dollars until someone hits the jackpot.



WORLD AMATEUR RADIO DAY TO RECOGNIZE AMATEUR RADIO'S ROLE IN DISASTER COMMUNICATIONS

Each year on April 18, radio amateurs celebrate World Amateur Radio Day. On that day in 1925, 84 years ago, the International Amateur Radio Union(IARU) was founded <http://www.iaru.org/>. In 2009, the theme of the event is Amateur Radio: Your Resource in Disaster and Emergency Communication.

"It is not by coincidence that last year's meeting of the IARU Administrative Council (AC) <<http://www.arrl.org/news/stories/2008/06/26/10186/?nc=1>> chose this subject at this time," said IARU International Coordinator for Emergency Communication Hans Zimmermann, F5VKP/HB9AQS.

"While the Amateur Radio Service has traditionally made its contributions to emergency and disaster response ever since its very beginnings almost 100 years ago, this role has gained a lot of importance just in the recent past."

Citing the fact that natural, as well as manmade disasters are on the rise, Zimmermann pointed out that today's modern communication technologies are "increasingly complex, infrastructure-dependent and therefore also increasingly vulnerable. The Amateur Radio Service puts two equally valuable assets at its disposal for emergency and disaster prevention, preparedness and response: A large number of very flexible and mostly infrastructure-independent, local, national, regional and global networks, and a large number of skilled operators, who know how to communicate with often very limited means and to establish communications even under the most difficult circumstances."

Zimmermann said that the tools available to Amateur Radio operators "range from the most robust means such as battery-operated stations operating in Morse code, to links through Amateur Radio satellites and interconnectivity with the Internet, in voice, text, image and data modes. They range from local VHF networks of fixed, mobile and portable stations to shortwave networks that span the globe. All these networks are operated on a daily basis by men and women who are thoroughly familiar with their technology and their intricacies."

"Telecommunications have become a commodity that society takes for granted," Zimmermann stated, adding that "the sudden loss of that service is often felt in a similar way to the loss of shelter, food and medical support. When disasters occur in regions that do not have good coverage by public networks -- or when existing communications infrastructures have just been disrupted or destroyed by such events -- the Amateur Radio Service comes to the rescue. Amateur Radio operators provide communications for the rescuers and relief workers and their organizations and they help to provide communications for those affected by a disaster."

Zimmermann continued: "In fact, contributions to emergency and disaster relief are a major argument for the preservation and the extension of the privileges the Amateur Radio Service enjoys in international and national regulations. This is one of the reasons why more and more Amateur Radio operators -- through their clubs and their national societies -- prepare very seriously for their role in emergencies; however, their skills can be put to use only if they are known by other first responders. Effective response to emergencies can only occur with the work of volunteers in all the various fields, from search and rescue to medical assistance and those who can provide food and shelter. Communication skills are a new, but equally vital commodity."

CALENDAR

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

Club Meeting - 3rd Thursday of the month
March 19, 2009 7:30 p.m.
Torrance Memorial Medical Center
West Tower, 2nd Floor, Room "B"

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, March 28, 2009
7:00 a.m. - 11:00 a.m.

VE Session - April 11, 2009
West Tower, 2nd Floor, Room "A"
Contact: Joe WB6MYD
Phone: (310) 328-0817
jlanphen@ca.rr.com or w6sba@arrl.net

Social Event - 2nd Saturday, March 21, 2009, 12pm
Billy's Deli
5160 W. 190th Street, Torrance CA

CLUB SERVICES

Awards Manager (HF/VHF)	Cliff - K6LH
Health & Welfare	Matthew - N6MDC
Swap Meet Chair	Joe - WB6MYD
VE Test Liaison	Joe - WB6MYD
VE Test Sessions	Joe - WB6MYD
Webmaster	Alex - KD6LPA
Editor	Alex - KD6LPA
Proofreader	Nancy - NJ6S

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>

TO:

Address Correction Requested

A COMMUNITY SERVICE ORGANIZATION

W6SBA

South Bay Amateur Radio Club
Post Office Box 536
Torrance, CA 90508-0536

