



March 2012

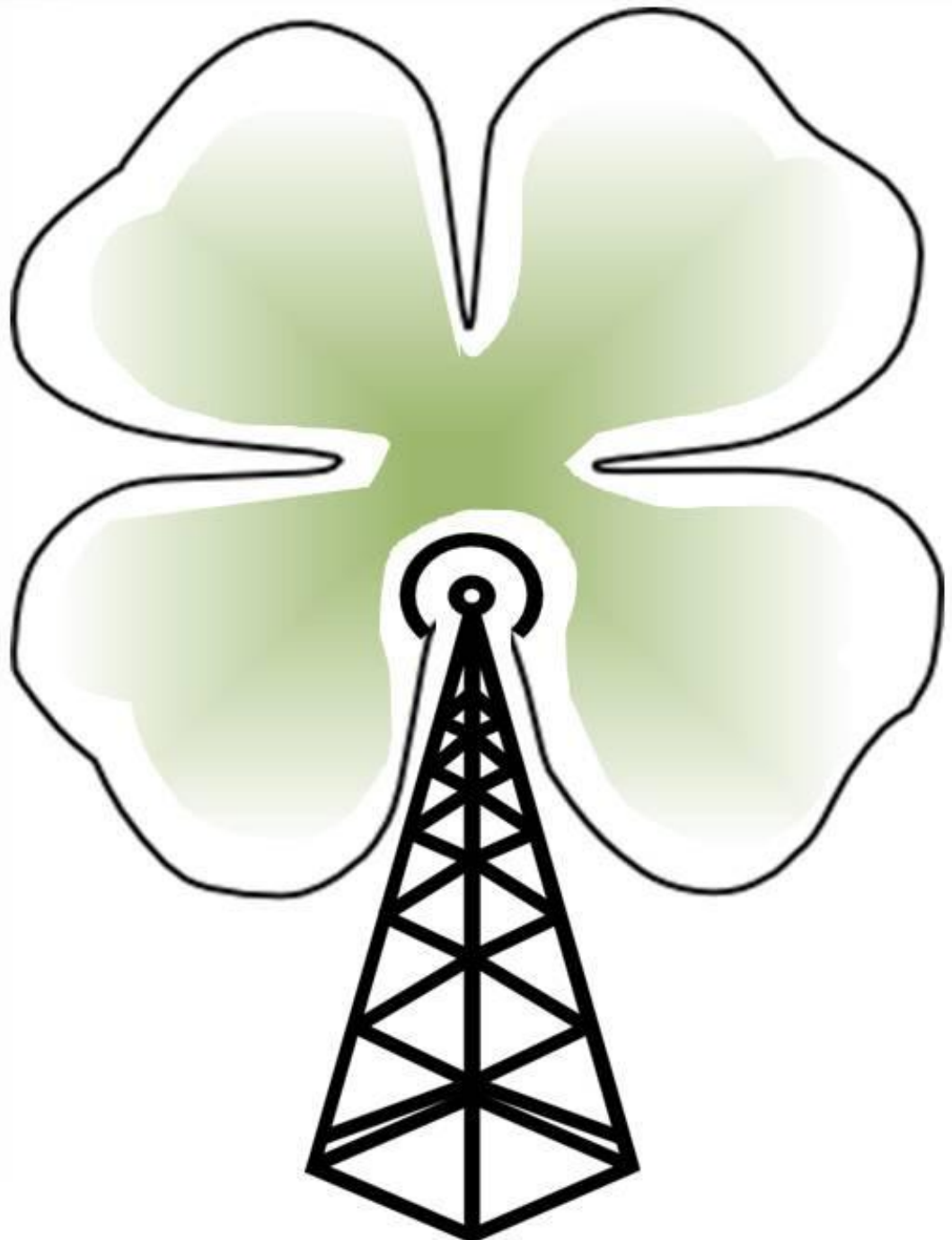
ARRCOver

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

E-mail:
W6SBA@arrl.net

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

President –
Alan – KG6ZPL



Lucky Propagation Patterns

President's Message

Hi everybody:

Well, it's March already which means that Field Day is only three months away. We (well actually Chuck Lobb) have gotten the City's approval for our use of Wilson Park for the event. There are still a few problems to be worked out but we can do that. One of them is the noise factor which rules out the use of our usual generator. Because of that, the club Council has approved the purchase of a quiet Honda generator. Since its cost is around \$900, the purchase requires membership approval so we will have a vote on the issue at the next general meeting. The generator should serve us well for club events for many years in the future. Paul is finishing the design of the event shirts. We also planning to have special QSL cards made for the event. We are going to have a picnic at the park in May where we will work out some of our issues and we will probably invite a representative from the city to see what we are planning. This is going to be a big event for us and for the City of Torrance so please plan on helping us with it.

We are going to have a DIY (do it yourself) home brewing contest! Depending on the number of entries we will have either one or two categories: built from scratch or built from a kit. We will ask at the April meeting for an indication of who is intending to enter. At the November meeting we will have a show and tell from the contestants and winners will be announced. The prizes have not yet been determined but we will try to come up with something nice. Your project must have something to do with Ham Radio, such as a receiver, antenna, or test equipment but not a toaster. Speaking of DIY, we are going to have a Club Project again. This time it will be one or more antennas. We have collected a variety of articles regarding 220 Mhz antenna building and have narrowed it down to about three candidates. A decision will be made soon and we will let you know the details. We expect to get this started after Field Day. Ray has offered his facility at Torrance Airport for our building sessions. We are also looking at small satellite antennas and at 10M loops but our main goal is to build antennas that will more easily let club members use their HT's with the club repeater from their homes. We still have a few of the PSK31 interface kits available if anyone is interested. See me or Ray Grace if you want one.

The hospital is unable to accommodate our meeting in May. Therefore we have again booked the Toyota Automobile Museum for the meeting but it will be on Wednesday May 16th, not on Thursday May 17th. We will continue to announce this but I wanted to give you an early heads. That brings you all up to date on your club activities and plans. I hope to see you all at the next meeting and, if you haven't renewed your club membership for 2012, please do it now. Also, for those so inclined, don't forget that we are on Facebook.

73's
Alan

March Presentation:

Electrical Safety

presented by

James Head from SoCal Edison

People are injured when they become part of the electrical circuit. Humans are more conductive than the earth (the ground we stand on) which means if there is no other easy path, electricity will try to flow through our bodies. Electrical hazards can cause burns, shocks and electrocution (death).

- ◆ Assume that all overhead wires are energized at lethal voltages. Never assume that a wire is safe to touch even if it is down or appears to be insulated.
- ◆ Never touch a fallen overhead power line. Call the electric utility company to report fallen electrical lines.
- ◆ Stay at least 10 feet (3 meters) away from overhead wires during cleanup and other activities. If working at heights or handling long objects, survey the area before starting work for the presence of overhead wires.
- ◆ If an overhead wire falls across your vehicle while you are driving, stay inside the vehicle and continue to drive away from the line. If the engine stalls, do not leave your vehicle. Warn people not to touch the vehicle or the wire. Call or ask someone to call the local electric utility company and emergency services.
- ◆ Never operate electrical equipment while you are standing in water.
- ◆ Never repair electrical cords or equipment unless qualified and authorized.
- ◆ Have a qualified electrician inspect electrical equipment that has gotten wet before energizing it.
- ◆ If working in damp locations, inspect electric cords and equipment to ensure that they are in good condition and free of defects, and use a ground-fault circuit interrupter (GFCI).
- ◆ Always use caution when working near electricity.

CLUB OFFICERS FOR 2011:

President, Alan Parks - KG6ZPL
aparks@raytheon.com - 310-558-8718

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

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

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

W6TRW Swap Meet Space Manager -
Joe Lanphen - WB6MYD
jlanphen@ca.rr.com or w6sba@arrl.net - 310-328-0817

Activities Council Member
James Murakami, KI6UPL
katsu442@yahoo.com - 310-480-7794

Events Council Member
Paul Avery, KK6BY
pravery@pacbell.net - 310-676-0212

Membership Council Member
Mike Kosidlak, KI6LJM
KI6LJM@gmail.com - 424-241-0442

Take the Quiz on Electrical Safety - Answers on page 6

- 1) How does electricity move from one place to another?**
 - a. Electricity travels through the air.**
 - b. Electricity travels through conductors.**
 - c. Electricity only travels through electrical wires.**

- 2) What is the most common electric shock-related injury?**
 - a. High fever**
 - b. Blacking out**
 - c. Electrical burns**

- 3) True or false: You are more likely to experience an electric shock if you touch an electrical object with wet hands.**
 - a. True**
 - b. False**

- 4) True or false: Low voltage = Low hazard**
 - a. True**
 - b. False**

- 5) What should you do if one of your electrical appliances accidentally gets very wet while you are using it?**
 - a. Stop what you are doing. Turn the tool off. Unplug it and check the manufacturer's directions.**
 - b. Finish what you are doing and then check the manufacturer's directions to see how to proceed.**
 - c. Stop what you are doing. Wipe up the water with a cloth and then let the appliance air-dry.**

- 6) Is it safe to run an extension cord under a rug or along a baseboard for permanent use?**
 - a. Yes**
 - b. No**

- 7) What is the proper way to unplug your electrical appliances from a power strip?**
 - a. Simply pull the cord until it comes out.**
 - b. Put your foot on the power strip to hold it steady while you pull the cord loose.**
 - c. Use your hand to remove the plug, being careful not to pull on the cord.**

- 8) Which of the following does not belong in a list of non-conductors, or items that do not carry electricity: glass, plastic, rubber, porcelain, metal, and dry (clean) wood?**
 - a. Metal**
 - b. Porcelain**
 - c. Dry (clean) wood**

- 9) If a friend receives a severe electric shock from an electrical appliance in your home, what should your first response be?**
 - a. Grab the appliance and throw it aside so that you can tend to your friend.**
 - b. Run to the circuit breaker and turn off the main switch.**
 - c. Use a wooden broomstick to push the appliance away safely.**

- 10) If you are doing an outdoor painting or roofing project and there are power lines nearby, how much space should there be between you and the power lines in order for you to stay safe?**
 - a. You, your tools and ladders should be at least 10 feet away from the power lines.**
 - b. You, your tools and ladders should be at least 20 feet away from the power lines.**
 - c. You don't have to worry about it because power lines are insulated, so you won't get**

UP AND COMING EVENTS

March 15, Thursday, 2012

CLUB MEETING @ TORRANCE MEMORAIL 7:30pm

Electrical Safety presentation by James
220 antenna project
DIY project info
Field Day talk

March 31, Saturday, 2012

Swap Meet at Northrop Grumman

Lunch at Denny's in Redondo Beach - 11:00 am

May 12, Saturday, 2012

Club Picnic at Wilson Park in Torrance, 10am to 3pm

Field Day setup demo and Club Picnic

May 16, Wednesday, 2012

General W6SBA Meeting

Held at Toyota Automobile Museum - Mark your calendar!

May 19, Saturday, 2012

Armed Forces Day Parade

More info to come

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

CONTACT:

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

Alan, KG6ZPL
Alex, KD6LPA
Ray, WA6OWM
Mike, KI6LJM
Paul, KK6BY
James, KI6UPL

POSITION:

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

President
Webmaster
Vice President
Editor / 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.

The following members have renewed their SBARC membership for 2012. Thank you so much, it's a pleasure to have you all back as members in good standing for 2012.

Alan	KG6ZPL	551600	Burt	K6KYM	551601	Cliff	K6LH	551602
Alex	KJ6MRW	551603	Brian	KI6ERR	551604	Alan	K6MU	551605
Matt	N6MDC	551606	Sarath	KF6DBX	551607	Jim	K6IVW	551608
Rob	KB6KMX	551609	Robert	KI6MNK	551610	Theresa		551611
Howard	KF6NO	551612	Bill	KQ6Z	551613	Shirley	KF6EXI	551614
John	AC6MG	551615	Kathleen	KG6RPM	551616	Chuck	KG6RPN	551617
Ken	KM6KEN	551618	Matt	KM6ATT	551619	Thomas	KI6RC	551620
Gary	KE6KG	551621	Glendee	KJ6EBS	551622	Greg	WQ9P	551623

**Join us on Facebook! Just search for W6SBA.
If you need help with finding us on Facebook, drop Mike KI6LJM an email.**

Remember, if your online banking supports it, you can set up the club as a 'payee' and send your dues as an on-line payment. You just need to send the check to:
SBARC Membership, P.O. Box 536, Torrance, CA 90508-0536

Answers to Electrical Quiz

- 1) B: Electricity travels through conductors such as water, wet wood and even people.
- 2) C: The flow of an electric current through a person's body generates heat. If the current is large enough, the heat will cause an electrical burn, which can lead to serious tissue damage and other internal injuries. If you ever incur an electrical burn, seek immediate medical attention.
- 3) A: Water is a good conductor of electricity, which means that wet hands can conduct electricity from the electrical object into your body. Use extreme caution when doing electrical work around water or in wet conditions.
- 4) B: The longer a person is exposed to an electrical shock, the more dangerous the situation becomes. A low-voltage electrocution for a mere 3 seconds can do the same amount of damage as a high-voltage electrocution does in 0.03 seconds. Either way, our bodies are damaged by electric voltage - high or low - so please be careful.
- 5) A: You can ruin the internal wiring of an electrical appliance. If you do not check with the manufacturer to find out how to properly proceed, you may end up shocking yourself or a loved one with prolonged use of a wet appliance.
- 6) B: No. An extension cord that is covered by a rug can overheat and cause a fire. Running an extension cord along a baseboard is better than underneath a rug, but you should only use extension cords for temporary work situations. For long-term needs, you should hire a qualified electrician to install a new permanent outlet.
- 7) C: Pulling on the cord can cause damage to the wires inside, which could ultimately result in an electrical shock after much misuse. Always disconnect appliances from the power source by grasping and removing the plug.
- 8) A: Metal is a conductor of electricity. You should therefore be very careful with any metal appliances that are exhibiting electrical malfunctions.
- 9) B: The safest thing to do is remove the source of electricity by turning off the main switch of the circuit breaker. Touching your friend is not a good idea because he or she may conduct electricity into your body and then you will both be shocked. Using a broomstick isn't the best idea either because if the wood is wet or dirty, it may also conduct electricity into your body.
- 10) A: Make sure to keep a distance of at least 10 feet between you, your tools and ladders and the power lines. You should call your utility company to see what safety measures can be taken if you're working near power lines. And remember, power lines may have a weather coating on them for protection against the elements, but this will not protect you from shock.

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



1. Attendance drawing: The lucky winner at our February meeting was none other than Harlan-KC6YBJ. Congratulations Sir for being present and the winner. The March meeting will start again with the kitty being at 20 dollars. Thank you.
2. Thank You: We wish to thank Dennis-W6DQ for his presentation on “The History of Receiver Technology”. Wow was it interesting or what? It certainly was a pleasure to have as many of you in attendance as we did which always makes for a good impression. We certainly will ask Dennis back for his 2nd part of this fascinating subject later this yea. So again thank you all for everything especially Dennis.
3. New Member: **We wish to welcome Thomas-KI6RC as our first new member for 2012.** Thomas is an Extra class wants to participate with us on Field Day. Please say hello the next time you see him and tell him all about our success with Field Day 2011.
4. Torrance Centennial: You all have heard is talk about this now and I to wish to add my 2 cents worth. We as the South Bay ARC really need to stop and think about the benefits we all are receiving from being in the city of Torrance. Our history goes back a long way with the city. We’ve always been very lucky to have so many good contacts with the city. At first we had Dick-W6ATT as a very important contact with the City. We had a mayor, both husband and wife, being hams including daughter if you will. Members such as Chuck-KN6H having always stepped up to bring things to the attention of the city government people to protect our interest if you will. The city declared Field Day for us “The Day of Amateur Radio” during the days of a Field Day period I forgot what year it was. The antenna ordinance restricting our use of antenna’s towers and such in the city was reduced in our favor and such. So we have a lot to be thankful and we now wish to return some of this to the city if you will. What better way than to recognize this all across our country during Field Day 2012. We have permission to use 2 1x1 calls during that period for FD, we hope to do this very publicly in an area accessible by the public for the show and tell portion of our participation in celebrating the Centennial. So the reason I am mentioning is to appeal to your sense of pride to you perhaps to assist us in the celebration of this great city of ours.
5. Thank you for your renewal of your membership in the SBARC. A good portion have renewed for which are very grateful, thank you. Some however have failed to do so at this time. I am hoping to receive that important envelope from you soon. Dues are due and payable. Please ensure your continued membership with the club by taking a moment of your time and mail that all important contribution for you to remain a member in good standing. Thank you for your continued support and participation.
6. Armed Forces Parade: Yes that to is coming up in May as you all will remember so please let us know whether you to wish to help with the staging area.
7. PSK31: Joe is busy making contacts in preparation for if you will digital contacts for Field Day 2012. Remember they count for 2 points, nice going Joe. A QSO with Ray in Hawaii as well as with Gary right here in Torrance. Other contacts in Japan, Argentina, Russia, Mexico etc. make this all pretty interesting.

CALENDAR

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

Club Meeting - 3rd Thursday of the month
March 15th, 2012 - 7:30 p.m.
2nd Floor of the West Tower
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,
March 31, 2012, 7-11 a.m.

VE Session - Contact: Joe WB6MYD
Phone: (310) 328-0817
jlanphen@ca.rr.com or w6sba@arrl.net

Social Event - Contact: Joe WB6MYD
Phone: (310) 328-0817
jlanphen@ca.rr.com or w6sba@arrl.net

CLUB SERVICES

Awards Manager (HF/VHF)	Cliff - K6LH
Health & Welfare	Mike - KI6LJM
Swap Meet Chair	Joe - WB6MYD
VE Test Liaison	Joe - WB6MYD
VE Test Sessions	Joe - WB6MYD
Webmaster	Alex - KD6LPA
Editor	Mike - KI6LJM
Proofreader	Alex - KD6LPA

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

