



December 2012

ARCO *over*

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

E-mail:
W6SBA@arrl.net

Website:
[http://www.
w6sba.org](http://www.w6sba.org)

President –
Alan – KG6ZPL



President's Message

Hi all:

It's the end of another active year for your club. Don't forget that we still have the Holiday Party. It will be held in the hospital's Conference center which is across the driveway from our usual spot. The exact room number and food assignments can be found elsewhere in the Arcover. The party is always fun so please do plan to attend. Remember that families and significant others are always welcome. There will be a drawing for cash prizes with tickets provided to all attendees. **PLEASE BRING A POINSETTIA PLANT, REAL OR ARTIFICIAL.** These will serve as table decorations for us and are then given to the hospital to bring a little holiday cheer to their patients and visitors. The hospital is kind enough to provide us with a place to meet throughout the year. This is our chance to give a little back to them. The party will include appreciation awards for 2012 as well as a short slide show of both JOTA and the year's activities.

We have had a busy year with Field Day, operating sessions, picnics, meetings, the home brew contest, JOTA, and the Torrance Armed Forces Day Parade. Club members also helped with the Super Bowl Sunday race and with the Baker-to-Vegas race. So, we've been active. I know that Alex and your Club Council already have plans in motion to bring us all another year full of Club activities. I'm already looking forward to it. It has been my privilege to have served you as president for the past two years. I think that we have expanded the club's offerings to the members during that time. I have enjoyed it and I hope that you have as well. I will still be taking an active role on the Council and in the Club's activities in the future so you aren't rid of me yet! Best wishes for a happy New Year to you all. Thanks and 73's

Alan

Holiday Party Dish Assignments



A-G = desert

H-P = side dish

Q-Z = salad

Join us on December 20th for our annual Holiday PotLuck



There will be door prizes and lots of Goodies to eat. Bring your family and dish to share!

Last name Dish Coordination:

A-G = desert

H-P = side dish

Q-Z = salad

Meeting location: As a reminder, the December 20 meeting will be in the Health Conference Center, Room 1. The Health Conference Center is the building facing Torrance Airport. Room 1 is on 1st floor.

Upcoming Events:

December 20th, 2012, Thursday: HOLIDAY POTLUCK Dinner Torrance Memorial, West Tower—Room C.

December 27th, 2012, Thursday: SBARC Thursday NET @7:30 pm

December 29th, 2012, Saturday: Swap Meet, Northrop Parking Lot - Meet for lunch following the swap meet, Dennys, Aviation and Artesia, Redondo Beach

NEW MEMBERS FOR 2012

Name	Call	Class	Date Joined
Thomas Carter	KI6RC	Extra	2/11/2012
Steven Wojtak	KJ6VWN	Tech	4/19/2012
Martin Reedy	KJ6TSK	Tech	4/20/2012
Jerry Cook	KJ6JJ	Extra	8/16/2012
Dale Sims			8/16/2012

CLUB OFFICERS FOR 2012:

President, Alan Parks - KG6ZPL
thermic72@sbcglobal.net - 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



FITSAT-1 plans to use LED's to signal in Morse code

On Christmas Eve (Dec. 24) the Japanese students who built FITSAT-1 are planning to activate the satellite's LED optical array and flash a message in Morse code to Earth. The Morse message may be visible to the unaided eye.

According to Takushi Tanaka JA6AVG the students plan to start testing the optical system at the end of November.

The FITSAT-1 CubeSat was developed by students at the Fukuoka Institute of Technology (FIT) in Japan. In addition to the LED array it also has a CW beacon on 437.250 MHz, a data link on 437.445 MHz and a 5840.0 MHz data downlink.

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.

Hams, CQ and the Q Code

"Ham: a poor operator. A 'plug.'"

That's the definition of the word given in G. M. Dodge's *The Telegraph Instructor* even before radio. The definition has never changed in wire telegraphy. The first wireless operators were landline telegraphers who left their offices to go to sea or to man the coastal stations. They brought with them their language and much of the tradition of their older profession.

In those early days, spark was king and every station occupied the same wavelength-or, more accurately perhaps, every station occupied the whole spectrum with its broad spark signal. Government stations, ships, coastal stations and the increasingly numerous amateur operators all competed for time and signal supremacy in each other's receivers. Many of the amateur stations were very powerful. Two amateurs, working each other across town, could effectively jam all the other operations in the area. When this happened, frustrated commercial operators would call the ship whose weaker signals had been blotted out by amateurs and say "SRI OM THOSE #&\$!@ HAMS ARE JAMMING YOU."

Amateurs, possibly unfamiliar with the real meaning of the term, picked it up and applied it to themselves in true "Yankee Doodle" fashion and wore it with pride. As the years advanced, the original meaning has completely disappeared.

-Louise Ramsey Moreau W3WRE/WB6BBO

The Q Code came into being internationally in 1912 to overcome the language problems involved in communications by radio among ships and shore stations of all countries. The original list of 50 adopted by international agreement in London contain many which are still familiar to amateur operators-QRN, QRM, QSO, the traffic operator's QRK, QSY and QRV - are now nearing the century mark of continuous usage. QSL still has the official 1912 definition despite the changed informal usages it is subjected to in amateur parlance.

The QN signals for amateur net operation were introduced in the late 1930s by E. L. Battey W1UE (W4IA-SK) to lighten the burdens of net control operators.

The telegraph call CQ was born on the English Telegraph over a century ago as a signal meaning "All stations. A notification to all postal telegraph offices to receive the message." Its meaning was close to the present meanings of QNC and QST. Like many other telegraph terms which originated on the landlines, CQ was brought over into radio and used as a general call to all ships by the Marconi Company. Other companies used KA until the London Convention of 1912, which adopted CQ as the international general call or "attention" signal. CQ still means, literally, "attention" but in amateur radio its meaning is perhaps more accurately described by Thomas Raddell who compared it to yelling "Hey, Mac!" down a drain pipe.

But why the letters CQ? From the French, *sécurité*, (safety or, as intended here, pay attention)

(from www.arrl.com)

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



1. Attendance drawing: Yes we had a winner this time, Dick-W1MII had his ticket drawn this time and he was present. Yes that means he collected the 25 dollar kitty so congrats Dick. There will be no drawing during our December meeting. At the January 2013 meeting the kitty will be back to the starting point of 20 dollars. Be sure to join us since only members in good standing are eligible.
2. Show and Tell Projects: This was so incredible to see so many different projects, the question as to what happened to home brew well you need not go any further than the SBARC because we sure showed them. We had enough entries to have the 2 different categories which was Home Brew and from a Kit. Paul-KK6BY was the big winner in the home brew project for the number of projects he had entered, and all were just fantastic, which brought him the 50 dollar prize, congrats Paul. James was the winner with his entry of the Antenna Analyzer he had built and uses. He, too, was given the 50 dollar prize in the Kit building category. Congrats to you also, James. Several other projects made a showing such as the Antenna kit by Bill-N6ES, SDR radio kit by Bruce-KK6BJ, Semi-conductor analyzer by Alan-KG6ZPL, Variable power supply by Chuck-KN6H and the Can antenna. This was truly amazing to see, and all of them worked as well. Thank you so much every one for a job well done.
3. Antenna Kit: Bill-N6ES showed his build up Antenna kit he had put together which he said would help anyone from a poor location to be heard so much better. Very simple to put together and yet so much easier to hear. Bill is willing to order the kits in bulk from the Manufacturer but in order for him to place the order he needs the money up front. This is very reasonable; no one wants to get stuck with a bill on something so cheap and easily put to practical use. So please let him know and he will give the exact price and time of delivery if you will. He will be at the upcoming Holiday party for anyone wishing to place the order.
4. Poinsettias: Yes we would like to encourage you to bring a poinsettia plant to the party since it makes things so much easier and enjoyable for everyone. We enjoy the plants first, and after the meeting they will be delivered to some Departments in TMMC for set up. So many more will be enjoying them, and also the Nurses stations on the various wards. The artificial plants are also very welcome since they will be checked before distribution.
5. Holiday Party: You know it is asked every year as you and your family members will join us. You must admit it is always so much easier to enjoy the camaraderie of all your SBARC Members (the more the merrier). We will start setting up about 7:00pm and diner will start at 7:30pm for all to enjoy. Remember this is a pot luck party with the club taking care of the drinks, ham and turkey and all the other stuff needed to make this the holiday party of the year. You and all your family members including friends are welcome to join us. There will be 3 free drawings from tickets you will be given as you enter and join us with the top prize being a 100 dollar prize and two 50 dollar prizes for you to make your Christmas even more enjoyable. We will be in Room 1 of the Health Conference Center as in the past with 7 or more round tables. So please join us December 20, 2012 for our thanks to you for joining us this special night. Furthermore, remember this is also the time for the newly elected officers to be introduced to us all and wish them all a very prosperous New Year as well. We certainly wish to thank the outgoing officers as well. We thank those who have worked so hard this past year so thank you so much for all your hard work.

CALENDAR

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

Club Meeting - 3rd Thursday of the month
December 20th, 2012 - 7:00 p.m.
Torrance Memorial Med Center
Health Conference Center, Room 1

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,
December 29th, 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

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TO:

Address Correction Requested

A COMMUNITY SERVICE ORGANIZATION

W6SBA

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