



November 2013

ARCO *vet*

A Community Service Organization Dedicated to Amateur Radio Since 1970

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Happy
Thanksgiving



Give Thanks!



E-mail: W6SBA@arrl.net



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

President's Message

Hello W6SBA,

The results are in! Our official 2013 Field Day score was 1958 points!!! Great job everyone! You can see our official results posted in the December QST issue. (W6SBA is posted on page 75, towards the top of the 3rd column).

ELECTIONS ELECTIONS ELECTIONS!

At our November club meeting, we will elect a new council for 2014. The club By-Laws require us to have a President, Vice-President, Secretary/Treasurer, 3 council members at large, and the Past-President position. (The Past-President position is not an elected position. It is determined by the last acting President). So we will be electing 6 positions November 21st.

Our current slate for the 2014 council members are:

President	Alex Marko - KD6LPA
Vice-President	James Murakami - KI6UPL
Secretary/Treasurer	Joe Lanphen - WB6MYD
Council Position #1	Bruce Jackson - KK6BJ
Council Position #2	Tom Carter - KI6RC
Council Position #3	Steve Wojtak - KJ6VWN
Past-President	Alan Parks - KG6ZPL

If you would like to run for a position, please contact Joe Lanphen (our Secretary) or any council member. Write-in's will be allowed up until the actual election takes place at our November 2013 club meeting. If no write-in's are submitted, then the positions and names as stated above will be elected by acclamation.

PROJECT PROJECTS PROJECTS!

As you know, November is also our annual home brew project day. Alan will run this part of the meeting, but the winners will be chosen by majority vote of the SBARC members in attendance. If you have a working project, bring it in! We'd love to see it!!! And I know we've mentioned this in the past, but the club will also be awarding cash prizes for the winners picked!!!

HOLIDAY PARTY ASSIGNMENTS:

If your last names begins with:



A-G Please bring a SIDE DISH
H-P Please bring a DESERT
Q-Z Please bring a SALAD

Until next time, this is Alex saying 73!

CLUB OFFICERS FOR 2013

President

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

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

Activities Council Member

James Murakami - KI6UPL
katsu442@yahoo.com - 310-480-7794

Events Council Member

Paul Avery - KK6BY
pravery@pacbell.net - 310-676-0212

Information Council Member

Bruce Jackson - KK6BJ
bjackson@ucla.edu - 310-372-1156

Past President

Alan Parks - KG6ZPL
thermic72@sbcglobal.net - 310-558-8718

THOUGHTS ABOUT JOTA

South Bay Amateur Radio Club had another fine outing this last month. We operated as station W6 B in the Cabrillo Youth Center with several troops of local Boy Scouts for the annual Jamboree on the Air with over 100 scouts and many of our club stalwarts.



This was a particularly fun event and promises to be even better next year as we continue to work out the kinks and bugs of this operation.

We had 3 stations, some fun demonstrations and helped many scouts on the way to their radio merit badge. I believe about 55 or more passed the requirement for this award at JOTA.

One particular scout got my undivided attention

Scout Samuel from Torrance Troop 586 was chatting with Jim, K6B, the operator on the USS Iowa, a few miles away. We were both setting up our stations and this was the second QSO for both stations.

Samuel and his troop were about to hike over for the tour of the battleship and mentioned to the other operator and scouts already on the ship that his grandfather was stationed on the Iowa during the Vietnam War.

I noticed my eyes getting a bit misty, the hairs on the back of my hands were standing up and that I was having a bit of a flashback, of the very good kind, of my own experiences during the end of this conflict and was struck with the reminder that we have about the coolest, neatest, time and generation spanning hobby in the world.

Where else can you show off some of the things that we love to do on the radio, have the next generation of hams get their feet wet with an actual scout to scout QSO and share in the enthusiasm that only an event party like this can bring?

After the Iowa outing most of the scouts returned for a full afternoon of radio and weekend of camping.

I made Eagle Scout in about November 1959 and have done little since to participate in the scouting movement but am giving some serious thoughts about how I might be of more service in the future and certainly for the next JOTA

73 de
Bruce
KK6BJ



Yes JOTA 2013 is over and done with. We started early Saturday morning with set up and I think we were on the air by 9:00am. The UHF/VHF 2m and 440 Station from Joe-WB6MYD, the HF station from W6SBA using the Buddy pole antenna and the 220 Station using the 220 beam from Paul-KK6BY up 32' required a little work to access the W6SBA repeater.

The additional station was set up for echo link by Alex-KD6LPA and Jerry-KJ6JJ using all the expertise from both to make that work. This turned out very nicely including a monitoring station from Jerry displaying usage of the spectrum.

One other HF station using tri band antenna was set up by Curtis also. That too was a good thing since we had more scouts than we could handle. Numerous contacts were made by numerous scouts from all stations to the enjoyment of all.

The number of scouts must have been at least 100 and witnessed by at least 25 other troop leaders. All in all a very impressive operation which I think will be remembered as our first activity of such scope to go down in our books to be talked about for a long time to come.

While I am not sure of the total number of scouts earning their Radio Merit Badge but it was well within the 100 range.

As I said before this was very impressive to all in attendance at the Cabrillo Youth Center.

I want to thank our club members, listed below, for participating with us in this event. It was a long and hard day from 0800 till 2200 hrs but our rewards are well worth it. So thank you one and all for all your hard work. Your club is grateful, the Boy scouts are grateful and so am I.



Thank you.

Joe, WB6MYD

Here are the names of our team members:

Paul Avery - KK6BY
Jerry Cook—KJ6JJ
Patrick Garvey—K6PDG
Jim Hill - W6IVW
Bruce Jackson- KK6BJ
Joe Lanphen—WB6MYD
Alex Marko—KD6LPA
James Murakami—KI6UPL
Alan Parks—KG6ZPL
Bennie Sandoval - W6ZAC

SBARC Station monitoring at home:
Arthur Balderston—WS6U
Tom Carter—KI6RC
Ray Grace, Hawaii-WA6OWM/KH6
Kostek Hausman—K6MNA
Chuck Lobb—KN6H
John Wilson - AE6LK
Steve Wojtak—KJ6VWN
Dean Sandoval - No call
Greg Madden—WQ9P & son Scott
(Visiting)

Scott Simpson—N6LEM

Chuck Hohn—K6CSH
(visiting new member)

Remember our DIY contest will be held at the November club meeting.



Do It Yourself Contest Rules

- 1) We will have 2 divisions, kit built and scratch built if there are at least three entries in each category. If not, there will be one division and prizes will be doubled.
- 2) Your project must be related to Amateur Radio and must be built this year.
- 3) Your project must be finished and must work. If possible, please demonstrate it but we will take your word that it works.
- 4) Unfinished or currently non-working projects may be shown but are not eligible for prizes.
- 5) One prize per division by a vote of the members at November's meeting.
- 6) One contestant may win more than one prize.
- 7) Prizes TBD.
- 8) The real prize is in completing a project, seeing it work, and using it in your shack. So please enter even if you don't think you will win a prize. We all want to see what you have been building. It's fun. Do it.

Note: Several club members are developing ham related Arduino projects which I hope they will enter in our DIY contest.

73

Paul
KK6BY

YouTube Recommendation

Here is a great YouTube video for Antenna Impedance Matching. It's a MUST view for all members!

Search YouTube: "IMPEDANCE MATCHING 101" by Ward Silver, N0AX at Pacificon 2012.

Gives a great introduction on methodology and techniques to achieve optimum energy transfer between a electronic circuit source and load. Knowing these fundamentals allows for best system performance. More of Mr. Silver's work is found monthly in the ARRL QST publication, "Hands-On Radio" column.

Two Expedition's to work this month

Check the website for latest details and also print your own Personalized Propagation Prediction Chart

WAKE ISLAND

⇒ 11/03/2013 to 11/16/2013 (KH9) K9W
(www.wake2013.org)

⇒ IOTA OC-053, Zone 31/65 Grid Locator: RK39

⇒ WAKE ISLAND (KH9) K9W
(www.wake2013.org)

Banaba Island, Kiribati Group

⇒ BANABA T33A 11/05/2013 to 11/18/2013
(www.t33a.com)

⇒ IOTA OC-018, 0.86N/169.53E (UTC +12H)

Two of the Op are Arnie, N6HC, our September Speaker and David, N6HD, our ARRL Los Angeles SCM.

Good Luck and Good DX — WA6OWM/KH6

NEW TO THE ARCOVER

There will be two new features for the Arcover. Members only please!

- 1) A classified ad section. If you have anything to sell or trade or if there is something you need, amateur radio related of course, write a short description and your contact information and send to Alan Parks.
- 2) If you have an amateur radio question that you would like answered, please submit it to Alan Parks. It can relate to equipment, operating procedures or whatever. We will attempt to answer it or to point you in the right direction to get an answer. No guarantees on an answer!

Contact Alan, KG6ZPL, at thermic72@sbcglobal.net or 310-558-8718. Please try to use e-mail rather than the phone. Thanks.

Working DX

Working DX from a restricted antenna field, from the WA6OWM/KH6 con-do.



Simple Station: Yaesu FT-100D Transceiver
20W on Digital, 100W on CW/SSB
Single band antenna: Buddipole Bud-

diStick mounted as a Ground Plane
Height: 10-feet (3.3-Meters) 5-ft Base, Buddipole Mini Coil (Center Loaded)

Top section 6-foot adjustable Whip (mine is set to 52-inches)

Ground Plane: 12 radials, 12-feet in length

Software/Computer: Ham Radio Deluxe, HRD CAT Control, Digital Master 780, HRD Log Book, HRD Mapper

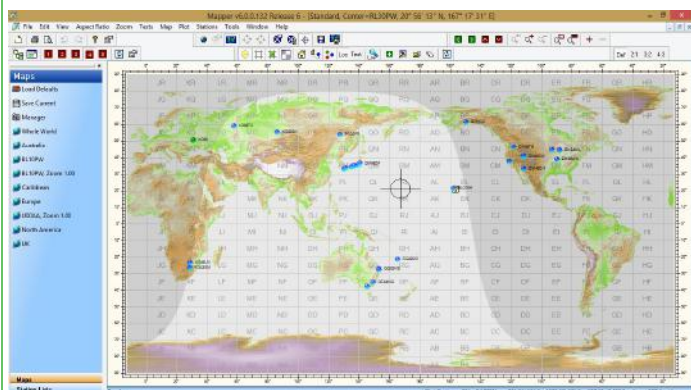
JT65/JT9- WSJT-X V1.2, JTAAlert V2.4, SPTIME Sync, Computer- Windows 8.0

Interface: Navigator for Digital modes and Vibroplex Paddle for CW

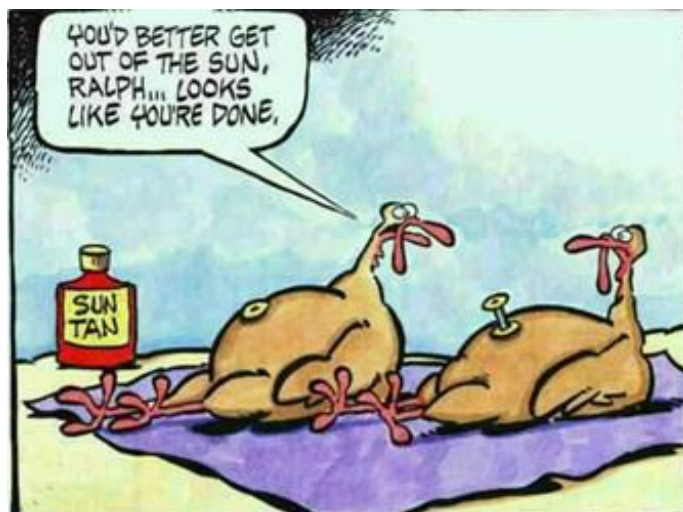
Internet: VE7CC-1 DX Cluster (set for Zones 1, 2, 3 25 and 31), Echolink

Photos: Station WA6OWM/KH6, Buddipole antenna looking west, HRD Mapper.

Propagation period: See ARRL Propagation bulletins ARLP041 to ARLP044 Propagation by K7RA



What did I learn, While the band is active most of the day light hours, sunrise and sunset times are important to watch. Greyline is a zone along the sun's terminator where long distance path openings will happen. While the band was active almost anytime, greyline Openings occurred from an hour before my sunset to 3-hours after sunset. I found my F-Layer skip zones to be between 2,500 and 4,000 miles, the greyline openings would occur at distances between 8,000 and 13,000 miles. The greyline extended from Hawaii to the Republic of South Africa, distance of 13,000 miles, 90-minutes after sunset and at sunrise in Africa. Signals jumped from S-0 to S-9 in about 15-minutes. Using WSJT-X software, the left screen decodes all the stations within the receiver SSB Filter and reports call signs, grid squares (locators) and receive signal levels. Inputting the grid squares into HRD Mapper let you plot both the terminator and station locations. Propagation studies are pointing to a possible double peak in the current cycle. Now is the time to take advantage to conditions and be more HF radioactive. The month of October has seen great openings on 10 and 6-meters. 40 is open late at night, 30-meters in the late afternoon/early evening, 20-17-15-12 meters at anytime and 20-meter greyline at sunset. Get Radio Active
WA6OWM/KH6



NOTES FROM THE SECRETARY JOE-WB6MYD

e-mail - jlanphen@ca.rr.com · 310-328-0817

1. Attendance drawing: Yes we had another winner. This time our very own Mr. President was the lucky one present and had his name drawn, the kitty for 20 dollars was his. Congratulations Alex. Next month's kitty will again be 20 dollars.

2. New Member: The membership application from Heidi Stromberg-KJ6TLM, Technician class was received and you Heidi will be the first member for 2014. Her interests is CW, wow not many new members come up with that. Anyway, She is asking for an Elmer and assistance in using her radio. The club activities she wishes to participate in are W6SBA Field Day, Public events, Club meetings, and antenna parties.. She has an Yaesu FT 60R so if you are familiar with this HT well please help her to get acquainted. Because that is the way to do that so please let us know if you're interested. Welcome to the South Bay Amateur Radio Club Heidi and may we assist you to enjoy this hobby of ours as well.

3 . Question of the Month answer: Our question for our October meeting was **"What would you like us to do for our holiday party"?** The debate was about should we have this catered to us? Should we go to a restaurant? Do we really have to have it? I am sure others could come up with other ideas and suggestions as well. When after a lively discussion we came to the conclusion that yes we want to have our Holiday potluck social event of the year. Catering was found to be too expensive (1 vote). Going to a restaurant was pretty well left in the dust. Just a potluck affair which was discussed at length (9 votes) and the winner was to have the turkey and ham cooked by others while the potluck portion as in the past would allow those with favorite dishes to spoil us with their favorite dish as well as everyone else would bring their portion as designated by the first letter of your last name (13 votes). This takes the burden off our members having to cook the ham and turkey while now being able to enjoy the entire social potluck dinner. The club as always will pick up the drinks and other making this all so special for us all. The prices handed out will also still be with us and so you have spoken and let us know that we want to enjoy the holiday social as usual. Thank you all very much for helping us decide our enjoyable social of the year.

4. W6SBA Century Club Contest: Yes it is now time to turn in your log to see the winner for this contest. In order for the checking of your log to be done in time for the holiday we've set a deadline which is the November 21st. meeting. Please make sure you turn in your log summary to the Secretary for a proper point count. All your points for the Thursday night net will be added to your log and also the JO-TA points earned just last month will be included (the Secretary has those all logged).

The 5 points for Thursday night check in is logged by Joe-WB6MYD and other points for events which are included. 3 credit points for any QSO with SBARC members on the W6SBA repeater. 2 credit points for any QSO with any member or non member on any band any mode. The only other contact points possible are those for the net control operators which have 1 credit point for anyone checking into the Thursday night net (those are logged by Joe also). You will hear us remind you to turn in your log via email, Thursday night net and maybe by any other means possible. We want you to be the winner so please make sure you turn in your log before November 30th. Good luck with this contest.

5. JOTA 2013: As you well know the JOTA event on October 19th was a huge success. We had close to 100 boy scouts observe and fist hand experience Amateur Radio at its best. We had every aspect available for them and they enjoyed it. Lot of Merit Badges were earned and I think all in all a lot of new stuff was shown in which they actively participated. Jerry-KJ6JJ showed them Echo link with Alex-KD6LPA working the computers, Paul-KK6BY, Alan-KG6ZPL and Bruce showed them the HF end of things while Patrick -K6PDG, Joe-WB6MYD and Chuck-K6CSH along with other showed VHF and some UHF. These members were not the only ones, we had others assisting as well, too many to name, all in all we had 20 club members participate including stations at home. The home stations were very helpful as well even though we had our problems with using the repeater. All good things do have some problems also which we did with our repeater as well. Another station is running an open repeater (no PL use) on our frequency which caused us to key it up from San Pedro as well. We all had a good time and showed almost all of the boys attending Cabrillo Beach Youth Center in San Pedro what Ham radio can be all about including talking from the USS Iowa and other stations. Thank you one and all for making this possible and showing a good

thing. The Merit badge program run by others was successful as well. It cut the time a little shorter for hands on radio operations for them but I think they all got what it can be all about. 2 HF stations on the air from Cabrillo Youth Center did also cause us some stress but that to was handled properly. We all worked together and the end of things as I said, we showed the Boy Scouts what we can be all about. This is the best we can hope for by showing what this is all about. Plans are being formulated for next year at this time so we can have found one activity we now to can add on our list of things having worked as a club. Thank you one and all making this possible. Joe-WB6MYD

6. Holiday Party: Aside from all the good food we need to think about the **poinsettias** we have donated to the hospital. It is particularly appropriate for us to think about this again since we are booked for our room reservations for the next year. As in the past we encourage you to bring a poinsettia to our holiday party. While we enjoy those during our meal on each table we take them afterwards to the Volunteer Office for distribution to the various Nurses Stations in the hospital. This is one way we can thank the hospital folks for the wonderful room for each meeting. Please thank about this and keep in mind that perhaps the best way to go is with the artificial poinsettia plant.

Your cooperation and participation is greatly appreciated. Holiday Party: December 19, 2013 in the Health Conference Center. **Please RSVP to Joe-WB6MYD with a number including guests** joining you at this end of the year; Installation of new officers, Door prizes and Thank you Pot luck extravaganza for South Bay ARC members and guest.



A-G: Please bring a SIDE DISH
H-P: Please bring a DESERT
Q-Z: Please bring a SALAD

7. Elections: The elections will be held this month at our General meeting. Be sure if you wish to be nominated for any position or to nominate someone be sure to let the Vice President or other officers know before the meeting start. As usual we will accept nominations from the floor at the beginning of the meeting. Also, if you nominate someone, be sure you have the nominees approval if not present preferably in writing. Thank you.

November 8, 2013

Question of the Month: Where would you like us to meet for our monthly Social luncheon?

As you know we've been having some problems with our Luncheon locations. Maybe you can help by making suggestions please? Hoff's Hut? Coco's? Billy's? or your favorite place. 2nd Saturday of the month around noon time and so far about 10-15 members to join. Please let us know at the meeting or e mail. flanphen@ca.rr.com 310-328-0817

Estate items for sale: As you know we've been given some equipment from the estate from Roy Hawker-K6ARB. The following items (and more to come) we wish for our members to have the opportunity to bid on first. I Com IC - 765 HF Transceiver (no microphone, no manual) Average price \$450.00. Kenwood TS - 130SE HF Transceiver with power supply PS-30 (No microphone, no manual) Average price \$280.00. Ten Tec Scout 555 with all modules, microphone Average price \$225.00 (Average prices are from at least 5 sales on Ebay lately).

If you're interested let Alan-KG6ZPL know with a bid by Dec. 1, 2013. We would like to see one of our own member become proud owners of this equipment.

Club Equipment Loan Policy

Policy details are being worked out for members to loan Club Equipment for a period of time. Please stay tuned for all this to be worked out by the end of this year.

As we all know your club now has several pieces of equipment and wants to make it available to you for your use.

A listing will be provided of all the equipment made available so you can see what it is you can loan. Some details are being worked out including possible insurance issues.

Alan has been working on this policy and promises this to be ready soon including the insurance angle.

Please stay tuned.



Thursday Night Net

Every **Thursday night at 7:30 p.m.** (except on the 3rd Thursday due to regular club meeting). Please join us on W6SBA 224.38 minus offset and the PLat 198.2 hz you can share your experiences or just say hello to everyone. We all need to do our share and keep our bands by occupying them as well so please check in. Thanks!

CALENDAR

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

Club Meeting - 3rd Thursday of the month
November 21, 2013 - 7:30 p.m.
Torrance Memorial Med Center
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,
November 30, 2013, 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

Answers to Mr. Wave's face on page 5: Eyes = Amplitude modulation;
Mouth = Frequency modulation

CLUB SERVICES

Awards Manager (HF/VHF)	Cliff - K6LH
Health & Welfare	Joe - WB6MYD
Swap Meet Chair	Joe - WB6MYD
VE Test Liaison	Joe - WB6MYD
VE Test Sessions	Joe - WB6MYD
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Editor	Glenda - KF6QFE Glenda.simpson@hotmail.com
Proofreader	Alex - KD6LPA

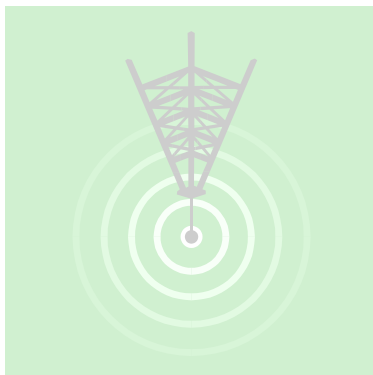
South Bay Amateur Radio Club Repeater

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

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