



December 2014

# ARCOver

A Community Service Organization Dedicated to Amateur Radio Since 1970

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## Happy Holidays

## To You All!

Wishing you good contacts with family,  
friends and through the radio waves  
during this holiday season!

E-mail: [W6SBA@arrl.net](mailto:W6SBA@arrl.net)



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

Hello W6SBA,

It's been a great year! We've had several barbecue lunches while working radio, a satellite antenna building project, lots of great presentations at the club meetings, major events like Armed Forces Day, Field Day and JOTA, and of course the monthly luncheon get-togethers. The year has gone by too quickly!

Now it's time to get ready for Christmas 2014 and enjoy our famous holiday party December 18th at 7pm, Health Conference Center Room 1. As always, we'll have plenty of food (ham + turkey), plus all the side dishes brought by our members, plenty of soda, coffee, water and sparkling cider. Plus, we'll also have CASH prizes for three lucky attendees (1<sup>st</sup> prize \$100, 2<sup>nd</sup> prize \$50, 3<sup>rd</sup> prize \$50), and a few awards to give out for those who went above and beyond the call of duty in supporting the club. I hope you and yours can join us for this very festive occasion!!! Also, please bring a poinsettia (real or fake) for the party decorations. (We donate the plants to the hospital staff after the party is over as a way of thanking the hospital for allowing us to hold our meetings there year round).

I want to congratulate our newly elected council members for 2015. New President: Alan Parks – KG6ZPL, New Vice-President: Bruce Jackson – KK6BJ, Secretary/Treasurer Joe Lanphen – WB6MYD, New Council Member #1: Chuck Hohn – K6CSH, New Council Member #2: Jerry Cook – KJ6JJ. I'm very excited to see all the new faces on the council this year. I think it's important to get new people on the council every so often to bring in new ideas, new projects, etc. and I'm sure they'll do a fine job.

It has been an absolute pleasure being President of your club for the past two years. But now I feel it is time for me to step down and pass the baton to another leader. Although I am very fond of this club, I will likely not be around next year as my job will require me to re-locate out of state in the near future. So I want to thank all of you for making this club so enjoyable, interesting and fun!

This is Alex saying 73!



HAPPY HOLIDAYS, AND HAPPY NEW YEAR!

#### President

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

#### Vice-President

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

#### Secretary/Treasurer

*Joe Lanphen* - WB6MYD  
jlanphen@ca.rr.com or w6sba@arrl.net  
310-328-0817

## CLUB OFFICERS FOR 2014

#### Activities Council Member

*Bruce Jackson* - KK6BJ  
bjackson@ucla.edu - 310-502-0071

#### Events Council Member

*Ray Grace* - WA6OWM  
rgrace3@verizon.net - 310-370-1913

#### Information Council Member

*Steve Wojtak* - KJ6VWN  
swihtaj@juno.com - 310-755-1688

#### Past President

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



**Thursday, December 18th**  
**7:00 p.m.**

**Torrance Memorial Medical Ctr.**  
**Health Conference Ctr, Room 1**

Your cooperation and participation is greatly appreciated. **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.

**Please bring the following type of dish based on the first letter of your last name:**

**A-G: SIDE DISH**

**H-P: DESERT**

**Q-Z: SALAD**



**Please also bring a poinsettia** to decorate the tables during the party. Afterwards we'll take them 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 our meetings during the year.



1) In your head take 1000 and add 40 to it. Add another 1000. Now add 30. Add another 1000. Now add 20. Add another 1000. Finally, add 10. What is the total?

2) What movie star wore the same coat in every film.

3) In what sport do exactly half the contestants wear metal shoes?

4) Which pine has the sharpest needles?

**Answers to last month's Quiz**

1) What occurs twice in a lifetime, once in a year, twice in a week, but never in a day?  
**The letter "e".**

2) What kind of fruit conducts electricity?  
**A currant!**

3) If it takes one woman 4 days to dig 3 holes, how long will it take her to dig half a hole?  
**She can't dig half a hole.**

4) What would you call a young horse that has a brown and white coat with white spots? **A colt.**

There are more men in England than there are in Scotland.

Please send answers, comments, or whatever to Alan at [thermic72@sbcglobal.net](mailto:thermic72@sbcglobal.net)





## Amateur Enforcement is "Very Much Alive"

ARRL Article turned in by Alan, KG6ZPL

Former FCC Special Counsel for Enforcement Riley Hollingsworth, K4ZDH, told the Forsyth Amateur Radio Club that the FCC is still active in the Amateur Radio enforcement arena, even though it's not always apparent. He spoke to the Winston-Salem, North Carolina, club on November 10.

"You may not think so, but enforcement is very much alive," said Hollingsworth, who -- although retired -- still keeps up with goings on at the FCC and with the enforcement activities of his successor, FCC Special Counsel Laura Smith. "You just don't hear a lot about it, as you used to," he said, because ham radio news media report only the "big announcements" these days. During his tenure, Hollingsworth routinely released preliminary letters of inquiry and warning notices to radio amateurs suspected of breaking the rules. Now, he said, the FCC is using "the IRS model" of releasing information, partly in response to privacy considerations.

"You only see final actions [now]," he said. "So, you don't think a lot's being done, but it's all behind the scenes, and you don't know about it."

What is not helpful, he told the club members, is e-mailing or writing Laura Smith or the FCC proper to demand Commission attention to particular enforcement issues. Hollingsworth said the FCC has received "nasty e-mails to FCC personnel" concerning suspected ham radio rule breaking.

"I'm talking about horrible e-mails, threatening e-mails, threatening to the degree that the security office sometimes gets involved," he said. "We've got to stop this." Hiding behind the anonymity of the Internet, he stressed, gives some within the FCC a bad impression of ham radio and could prove counterproductive.

In remarks now familiar to many who have heard him speak at Dayton Hamvention and elsewhere, Hollingsworth also warned his audience members against getting into on-the-air spats with rude or careless operators.

"Don't engage people, and don't humor the idiots," he said. "Stupidity can't be regulated, no matter how good the rules are. Just turn the big knob. Every rig has one."

## FIELD DAY RESULTS ARE IN

The ARRL Magazine December issue shows a listing of the 2014 Field Day Results. The South Bay ARC W6SBA is listed as well.

Please check our standing in the December 2014 QST magazine page 76, column 3, 6th listing from the bottom. It shows that South Bay ARC got \_\_\_\_\_

The top scorer in the 2A class is the Radio Amateurs of No VT W1NVT +W1PU with an QSO count of 4548 and a point score of 14,018

The lowest is the Aerospace Employees Assn ARC W6AGO with 30 QSO count and 310 point score.

Congratulations W6SBA 2014 Field Day Team

Joe, WB6MYD

## 4M Lunar Flyby Spacecraft Amateur Radio Payload Update

The Amateur Radio payload in the Manfred Memorial Moon Mission (4M) lunar flyby experiment has gone silent, but the spacecraft itself will likely be in Earth orbit for some time to come.



"It is there for some thousands of years, I think, but it might also be ejected into heliocentric orbit if it passes close to the Moon, which is what some simulations show," said Ghislain Ruy, LX2RG, of Luxspace (LSE), the private company behind the 4M payload. Ruy said the 4M is orbiting Earth every 16.5 days.

Ruy told ARRL that the 4M's Amateur Radio payload exhausted its batteries on November 10 after 438 hours of service -- four times more than Luxspace engineers had predicted. "It can be considered a huge success that opened new paths and made people think or even dream," he said.

ARRL Article submitted by Alan, KG6ZPL

## **Two Free Amateur Radio Courses**

FCC "**Technician**" course (entry level)

FCC "**General**" course (2<sup>nd</sup> level)

**Each** course is **2 sessions**

**The sessions** are on 21 & 28 February 2015

**Technician** 9:30 AM to 1:30 PM both Saturdays (bring your lunch)

**General** 2:00 PM to 5:00 PM both Saturdays

The FCC tests will be 10:00 AM to noon 7 March 2015

The Palos Verdes Amateur Radio Club will give a 30 minute presentation at 9:30 AM at the start of the 21 February Technician class on how to get further involved with amateur radio.

The location is the Fred Hesse Community Park,  
29301 Hawthorne Blvd., Rancho Palos Verdes.

**Confirm your attendance to Walt, KIDFO at [waltordway@juno.com](mailto:waltordway@juno.com)**

There is **no fee** for either course.

Taking the FCC test is \$15.

**Optional Material (sold at cost)**

Gordon West books with all the FCC test questions,

\$22 for the Technician and \$26 for the General

- Paper copy of my Power Point charts,

\$20 for the Technician and \$20 for the General -

For courses sponsored by the Palos Verdes Amateur Radio Club, students thru grade 12 who pass their examination at a PVARC VE test session will, upon application to the Club, be eligible for reimbursement up to a maximum of \$50 to cover the cost of materials and the examination fee.

Everyone who obtains their first ham radio license through a PVARC VE session, regardless of age, will receive a free membership in the Palos Verdes Amateur Radio Club for the remainder of the current calendar year.



## Yaesu VX-8DR Review

by Steve, KJ6VWN

I decided to splurge and get this HT after using a Yaesu FT-60R and FT-250R. I wanted to learn what ham has to offer, more than just RX and TX with a PTT button. I thought the FT-250R was little, compared to other radios, but the VX-8DR fits nicely in the palm of my hand. The antenna (without the stubby) is similarly sized with the FT-60R's stock duck.

The **Yaesu VX-8DR** is an APRS® enhanced version of the popular VX-8R. Key additional features of the VX-8DR include:

- ▶ Smart Beacons™ Function.
- ▶ Station List memories has increased from 40 to 50.
- ▶ The number of APRS® Message Memories has increased from 20 to 30.
- ▶ DIGI-PATH route indication function.
- ▶ Heads up compass display to the GPS screen.
- ▶ The Message received LED flashing rate is selectable.
- ▶ The number of DIGI-PATH route settings has increased from 1 to 7.



## JAPANESE SATELLITES CARRYING AMATEUR RADIO PAYLOADS ARE LAUNCHED INTO DEEP SPACE

This week, Japan successfully launched its Hayabusa 2 asteroid sample-return mission into deep space, and with it, two satellites carrying Amateur Radio payloads. A Japan Aerospace



The Hayabusa 2 launch from Japan on December 3. [JAXA photo]

Exploration Agency (JAXA) rocket lifted off on schedule early on December 3 (UTC), carrying the Hayabusa 2 spacecraft on the first leg of its journey to Asteroid 1999 JU3. Along for the ride into deep space are two Amateur Radio satellites, Shin'en 2 (Abyss 2) and ARTSAT2: DESPATCH. The launch had been postponed twice owing to unfavorable weather conditions. Shin'en 2 will identify as JG6YIG, while ARTSAT2:DESPATCH will use the call sign JQ1ZNN.

Shin'en2 carries a 0.1 W CW beacon on 437.505 MHz and telemetry on 437.385 MHz (0.8 W) using a mode similar to WSJT. It will also carry a F1D digital store-and-forward transponder with an uplink of 145.942 MHz and a downlink at 435.270 MHz (0.4 W), but not the Amateur Radio Mode J linear transponder announced earlier. The data format is posted on the Kagoshima University website.

A linear SSB/CW transponder had been part of the initial design, but, according to Hideo Kambayashi, JH3XCU, that had to be abandoned because of regulatory issues. The digital transponder will offer earthbound hams an opportunity to test the limits of their communication capabilities, however. The project also is hoping to gather listener reports.

ARRL Article submitted by Alan, KG6ZPL





1. **ATTENDANCE DRAWING**: Craig-WD6AKX was the lucky winner at our November meeting. Unfortunately, Craig was not present for the 20 dollar kitty. No attendance drawing for December and so our kitty for the January 2015 meeting will start with 25 dollars. In order for you to be the lucky winner 1. Your name needs to be drawn. 2. You must be present and 3. You must a member in good standing. Please remember that. Thank you.

2. **Thank you**: Alan-KG6ZPL for setting up this "DIY" project for us at our November meeting. While very unfortunate that we did not have more projects being presented we did enjoy all the items turned in by Bruce-KK6BY, Dick-W1MII and no less from Alan-KG6ZPL. Alan turned in numerous kits he had put together and showed their ability to make things a little more interesting and or functioning properties to make life a little easier when working with all kind s of projects. I think Alan presented no less than 17 various kits which was incredible. Dick-W1MII showed us a way to store all kinds of dipole antenna. Actually what we need to say is that he has come up with a way to eliminate the mess which comes with HF dipoles. Dipoles are hard to store since you don't know how to wind them up on a spool or longer board to keep them from getting all tangled up. This is a great way to have all your dipoles handy and not require a whole garage. Bruce-KK6BJ had a couple of good projects as well. Remember the Satellite project we did a couple of month's back yes you say. Well we learned that that ¼ watt is not very loud and very weak. So invention was an interface board with a little pre-amplifier to make that weak signal a lot stronger which works great. Another project Bruce showed was the setup of a complete repeater by using 2 HT's. This does involves a kit to make this work but once you have it it works like a charm. Anyway, this DIY project was worth of 2 prizes which went to Bruce and Dick. Congratulations guys for a job well done and also to Alan for all his effort in presenting his kits.

3. **Elections**: Yes we had elections also and the winners are: Alan-KG6ZPL, President; Bruce-KK6BJ, Vice President; Joe-WB6MYD, Secretary/Treasurer; Council member Jerry-KJ6JJ and Chuck-K6CSH as Council members at large. Remember we had voted

on amendment to the Constitution and Bylaws in October which essentially allows the club to operate with 2 Council members instead of the three required before this. This as you can see came in handy and thereby avoiding the sticky mess of having to do this all over again. Anyway, this works and we wish the new Council all the very best for the SBARC 2015 club year. We also want to thank both Alex and James due to the relocation of their employment situation are unable to continue.

4. **Holiday Party**: Our Annual Holiday party is Thursday December 18th and we are scheduled for Room 1 in the Health Conference Center. We will start setting up around 6:30pm that day for preparations to our annual holiday party. Remember the Health Conference Center is right across from the West Tower.

You still park in the "West" parking structure but as you exit you'll find the Health Conference Center to your right, the "West Tower" is on the left. The club will provide for the ham and turkey if you will, drinks including cider will be available for your enjoyment. You are asked to share this with your family as our guest. You can also invite a friend just don't bring your whole block. The one thing as we always have is that you are asked to share your favorite dish with us for about 4-5 people. One other thing to is to bring one poinsettia to decorate the tables. This gives it such a nice festive setting for everyone to enjoy. The poinsettia's will be presented to the Hospital for distribution to the patient wards . Artificial poinsettia's are recommended since as you know this is a Hospital with real patients. The dish assignments are published elsewhere in this Arc Over.

Remember also that is the time for the installation of new officers for 2015. We further more will have 3 drawings, one (1) one hundred bill and two (2) for 50 dollars each for some lucky winner. Each and everyone will be given ONE ticket and we ask you to please put your name and phone number on it and place it back in the pot. The 2nd part of the ticket will be used with its number to identify the winner. In all fairness of course the ticket with your name on it will also have a number and could therefore be used for that as well.

Please join us to celebrate another successful year for your club and

**Merry Christmas and Happy New Year**



## CALENDAR

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

**Club Meeting** - 3rd Thursday of the month  
**December 18, 2014 - 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 27, 2014**, 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

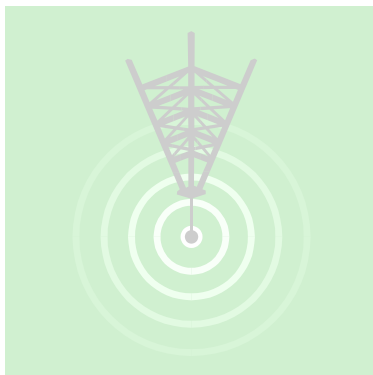
Awards Manager (HF/VHF)	Cliff - K6LH
Health & Welfare	Joe - WB6MYD
Swap Meet Chair	Joe - WB6MYD
VE Test Liaison	Joe - WB6MYD
VE Test Sessions	Joe - WB6MYD
Webmaster	Alex - KD6LPA
Editor	Glenda - KF6QFE Glenda.simpson@hotmail.com
Proofreader	Alex - KD6LPA

**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

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Torrance, CA 90508  
W6SBA@arrl.net  
Website: <http://www.w6sba.org>

TO:



Address Correction Requested

*A COMMUNITY SERVICE ORGANIZATION*

W6SBA

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