

W6SBA

South Bay
AMATEUR
RADIO CLUB



August 2011

ARCOver

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

E-mail:
W6SBA@arrrl.net

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

President –
Alan – KG6ZPL

2011 HAMCON



President's Message

Hi everyone. Adding to our stream of recent successes, our meeting at the Toyota Automotive Museum was great. We had more than 40 members show up and a good time was had by all. We will probably return to the museum next year. At the meeting, the club approved the purchase of a Yaesu FT450D transceiver. We hope to put it to good use soon.

Our next major event is, of course, the Hamcon in September. Paul will be discussing this at the August club meeting. We need more volunteers for control operator duty at the W1AW/6 station that we are sponsoring. This is a fun activity so please plan to help out. As a celebration after HAMCON, we will be having another picnic following the September TRW swap meet. Again, food will be provided by the club. We will be operating, possibly with our new transceiver.

Your council is also planning a major activity in the Fall, probably in early November. Some sort of a field trip is being considered. Details will follow as they are determined. We'd also like to have another building project but, if we do, we will need other venues than Ray's QTH due to his frequent travel. Suggestions and volunteers are welcomed. Those who have kits for our interface project and need help in completing them should contact me so that we can plan a building session or other Elmering as may be needed.

Finally, I'd like to solicit suggestions from all of you regarding activities or improvements in the club that you feel are warranted. In particular, I'd like ideas as to how we might increase club membership, particularly with the younger crowd. Well, that's it for this month. I hope to see you all at our August meeting which will be back at our usual meeting place. 73's to all

Alan

August Meeting Presentation:

Introduction To The PIC Micro:**by Bob Diaz, KQ6WQ**

From Bob: When it comes to electronics and HAM Projects, the PIC is powerful, flexible, and dirt cheap. Unfortunately, most have trouble understanding the inner working of the PIC and never try. In this presentation, I provide a simplified explanation about what the PIC16F506 has, some of the instructions it uses, and what you need to work with the PIC. In addition, I'm introducing my PIC HAM Project, a set of subroutines that perform the more difficult tasks a HAM would want.

Hope to see you at the next general meeting....



Images from Wikipedia

**CLUB OFFICERS FOR 2011:**

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

Vice-President, Ray Grace - WA6OWM
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Past President, Alex Marko - KD6LPA
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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



HAMCON 2011

ARRL SW Division
Amateur Radio Convention
"COMMUNICATIONS
AROUND THE WORLD"
September 9, 10, & 11, 2011

Marriott Torrance South Bay
3635 Fashion Way, Torrance, CA 90503 1-800-228-9290
Hotel Reservation Code: HAMHAMA

**COME JOIN THE FUN AND
EXPERIENCE WHAT HAM RADIO HAS TO OFFER**

WOUFF HONG	WIAW/6	VENDORS
TECHNICAL TALKS	SPECIAL EVENT STATION	EXHIBITORS
RADIO DEMOS	DOOR PRIZES	T-HUNTING
ELMERS	EMCOMM	GREAT PROGRAMS
CW	VE EXAMS	DX
ELECTRONICS	ANTENNAS	TECHNOLOGY

GREAT SPEAKERS

Luncheon Rod Stafford, W6ROD, IARU Secretary - "What's new at the IARU"
Banquet Dr. Jay Jones, WB9FPM - "Amateur Radio, Past, Present & Future?"
Breakfast YLDXC "Team Curacao" - Share their story of an all YL DXpedition.

AND MORE WITH TOPICS TO INTEREST ALL LEVELS OF COMMUNICATIONS ENTHUSIASTS.

MEET & GREET

Join us Friday night for a HAM Social to catch up with all your friends, then plan on stopping by the hall tables to learn more about area clubs & special radio operators that support & sponsor ham radio activities, community service & disaster preparedness.

VENDOR HALL

61 booths full of vendors showcasing the latest radios, accessories, gadgets for all your communications & amateur radio needs.

FOR INFORMATION UPDATES & THE LATEST NEWS
VISIT : HAMCONINC.ORG

UP AND COMING EVENTS

A follow up from our August meeting...Courtesy of James - KI6UPL
Here's the link to the last club presentation presented by Doug Millar K6JEY.

<http://www.nitehawk.com/k6jey/>

August 18th, 2011

SBARC Monthly meeting will be at Torrance Memorial, West Tower, 2nd floor

- Go to: <http://www.W6SBA.org> for more information.

Sept 9, 10 and 11, 2011

ARRL Southwest Division Convention, Marriott Torrance,

- Check in with Paul - KK6BY to see how you can help.

Go to: <http://www.hamconinc.org> for more information.

Sept 24th - After TRW Swap Meet

SBARC Fall Picnic - Location TBD

- Go to: <http://www.W6SBA.org> for more information.

Reminder - Tell your friends that we are on Facebook! You can find us by searching for W6SBA.

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.

Two Amateur Radio Courses

FCC **“Technician”** course (entry level)

FCC **“General”** course (2nd level)

Each course is 2 sessions

The 2 sessions are on September 24 & October 1

Technician 10:00 AM to 2:00 PM both Saturdays

General 2:15 PM to 5:00 PM both Saturdays

FCC tests will be 10 AM to Noon on October 8

The location is Hesse Park

29301 Hawthorne Blvd.

Rancho Palos Verdes

- No pre-registration required -- No fee for either course -
- Taking the FCC Test is \$15 -

Optional Material

- Gordon West book with all the FCC test questions,
\$22 for the Technician and \$22 for the General -
- Copy of my Power Point charts,
\$18 for the Technician and \$18 for the General -

Students (thru grade 12) who take this course and get their license will be reimbursed up to \$50 by the Palos Verdes Amateur Radio Club

For more information contact
Walt, K1DFO, at walt.ordway@yahoo.com

Why radio amateurs are called "HAMS"

(from Florida Skip Magazine - 1959)

Have you ever wondered why radio amateurs are called "HAMS?" Well, it goes like this: The word "HAM" as applied to 1908 was the station CALL of the first amateur wireless stations operated by some amateurs of the Harvard Radio Club. They were ALBERT S. HYMAN, BOB ALMY and POOGIE MURRAY.

At first they called their station "HYMAN-ALMY-MURRAY". Tapping out such a long name in code soon became tiresome and called for a revision. They changed it to "HY-AL-MU," using the first two letters of each of their names. Early in 1901 some confusion resulted between signals from amateur wireless station "HYALMU" and a Mexican ship named "HYALMO." They then decided to use only the first letter of each name, and the station CALL became "HAM."

In the early pioneer days of unregulated radio amateur operators picked their own frequency and call-letters. Then, as now, some amateurs had better signals than commercial stations. The resulting interference came to the attention of congressional committees in Washington and Congress gave much time to proposed legislation designed to critically limit amateur radio activity. In 1911 ALBERT HYMAN chose the controversial WIRELESS REGULATION BILL as the topic for his Thesis at Harvard. His instructor insisted that a copy be sent to Senator DAVID I. WALSH, a member of one of the committees hearing the Bill. The Senator was so impressed with the thesis is that he asked HYMAN to appear before the committee. ALBERT HYMAN took the stand and described how the little station was built and almost cried when he told the crowded committee room that if the BILL went through that they would have to close down the station because they could not afford the license fees and all the other requirements which the BILL imposed on amateur stations.

Congressional debate began on the WIRELESS REGULATION BILL and little station "HAM" became the symbol for all the little amateur stations in the country crying to be saved from the menace and greed of the big commercial stations who didn't want them around. The BILL finally got to the floor of Congress and every speaker talked about the "...poor little station HAM." That's how it all started. You will find the whole story in the Congressional Record.

Nation-wide publicity associated station ""HAM" with amateur radio operators. From that day to this, and probably until the end of time in radio an amateur is a "HAM." Thanks to Chuck Lobb for finding this article.

Amateur Radio in Space: After Delays, ARISSat-1 Deployed from ISS

Amateur Radio has a new satellite! Despite concerns that led to an almost four hour delay in deployment from the International Space Station, ARISSat-1/KEDR is in operation. According to reports flowing in from around the world, both the transponder and telemetry are working. Cosmonauts Sergei Volkov, RU3DIS, and Alexander Samokutyaev, successfully deployed Amateur Radio's newest satellite: ARISSat-1/KEDR. The deployment -- originally scheduled to occur at 1457 UTC on Wednesday, August 3 -- was delayed due to antenna concerns.

After its [eventful deployment yesterday](#), ARISSat-1 is definitely working. Hams from all over the world have reported hearing the voice, CW and SSTV transmissions. Despite concerns that the UHF antenna was either missing or damaged, the linear transponder is working and some people are already making contacts with it. The August 3 deployment was delayed nearly four hours after cosmonauts Sergei Volkov, RU3DIS, and Alexander Samokutyaev, expressed concerns that only one antenna -- the VHF antenna -- was visible.

"I was able to hear myself with as little as 1 W on the 0425 UTC pass," AMSAT Vice President for Operations Drew Glasbrenner, KO4MA, wrote on the AMSAT e-mail reflector. "Antennas are a M2 CP42 on RHCP up, and a 10 element horizontal Yagi down. ARISSat-1 sounded very good, and cycled on and off with the telemetry. I also managed to grab two frames of telemetry right after AOS." Glasbrenner posted a [video](#) of his transponder test.

Calling it a "very good first day," ARISSat-1/KEDR Project Manager Gould Smith, WA4SXM, said that hams are submitting SSTV images to [ARISS SSTV Gallery](#), and BPSK-1000 telemetry and experiment data is coming into the telemetry server. "ARISSat-1/KEDR continues to work well with good reports coming in from around the world," he said. "The satellite is warmer than we expected, so we will continue to monitor this."

The 435 MHz/145 MHz linear transponder operates in Mode U/v (70 cm up, 2 meters down). It is a 16 kHz wide inverting passband, and the convention is to transmit LSB on the 435 MHz uplink and receive USB on the 145 MHz downlink. As reported by ARRL

2011 Grape Harvest Festival in Rancho Cucamonga

We are invited to the 2011 Grape Harvest Festival for displaying Amateur Radio Expo again. It is Fri-Sun August 19th, 20th, and 21st. The venue is located at the large overflow parking lot on the east side of Rochester Avenue across from the Epicenter Stadium: <http://maps.google.com/maps/place?q=Epicenter+Stadium+Complex,+Rancho+Cucamonga,+CA&hl=en&cid=3028517989928735754>

Hours: Friday 5:00pm to 11:00pm
Saturday 10:00am to 11:00pm
Sunday 10:00am to 6:00pm

The public will be charged \$5 but we will get in free. Carl Gardenias will help with Friday to augment whoever we can muster to help setup. I have to work that day, but Joy should be helping will and have my truck (if I can take the time off, I will be there too). We'll figure on how many tables and canopies and who will bring what once we know the size of the space. We will be allowed in anytime Friday but must be done before 4:00pm. Saturday setup needs to start by 8:00am or earlier and same goes for Sunday. I will try to get particulars on timing and booth space. We should have shore power again and be away from any PA system. It will be hot like usual, so stashing beverages again would be great. A few people from the South Bay club expressed interest in helping too. Any gear you folks want to set up again would be great and we'll bring the Tower of Babble again and the snap circuits. We are crunched for time, so please see who you each can bring to the fun from your organizations and let me or Joy know so we can have an idea of coverage. Bob And Roseann will help in short bits Friday and Saturday but have to attend her school reunion those days too. They will help all day Sunday.

I know its short notice, but please help recruit some people to come have fun in the sun playing radio and demonstrating our hobby.

73,

Rich Whited -- KG6JKJ
562-756-7103

===== Festival History =====

The Spirit of the Grape Harvest Festival dates back over 200 years to the planting of the first Mission grapes at the Mission San Gabriel Archangel. As Rancho Cucamonga grew throughout the late 19th and 20th centuries, each of the individual wineries and the various Catholic churches in the area held their own version of a grape harvest festival, celebrating the end of the harvest season and the comparing the fruits of their labor. But in 1939, citizens of the Alta Loma, Etiwanda and Cucamonga areas decided to officially recognize the 100th anniversary of the planting of the "Mother Vineyard" with the first "Wine and Grape Festival", a celebration that soon became a local tradition.

Throughout the years, local wineries and service clubs continued to celebrate the tradition of the Grape Harvest Festival (a.k.a. Wine Festival) until 1981 when the Rancho Cucamonga Chamber of Commerce took over the production of the festival, creating one of the largest regional events of its kind. In 1987, the California State Legislature designated the Festival as officially being "California's Oldest Grape Harvest Festival."

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



1. Attendance drawing: Matthew-N6MDC was the lucky one to have his name drawn at our July 21, 2011 meeting. Unfortunately he was not present to claim the kitty. The kitty for our Aug 18 meeting will be 35 dollars. Please remember you must be present to receive all that t here is in the kitty for our attendance drawing.

2. Thank you: We wish to thank Doug-K6JEY for the excellent presentation on the ins and outs of setting up your lab. We always knew a lot of money and especially expertise is needed to do that which of course is so. However, as Doug pointed out a lot of inexpensive equipment may be had if one researches all that is available and needed. Of course the expertise is the other part but all your efforts will sure be made a lot easier with all that equipment you now have. Thanks Doug for a great presentation.

3. Thanks for the location: In case you did not know this we need to thank Chuck-KN6H for making the arrangements for the meeting location at Toyota for our July meeting. I hope every one enjoyed the cars on display and the big room space made available for us. We needed it since we had 40 members and guest in attendance, the most ever for the general meetings. We will likely take advantage of this again sometime in the future, thanks Chuck.

4. New members: I would like for all of us to welcome Robert-N6QA and Schuyler-KJ6NAT as new members in the SBARC. Robert is an Extra class and is interested in VHF/UHF and computers. Club activities in which he plans to participate are our VE Volunteer sessions and club meetings. I will notify you of our next VE session and see if you're available. Schuyler, also Extra class, on the other hand is interested in HF, VHF/UHF, packet, RTTY, Computers, QRP, antennas/propagation, Elmering and the club repeater. We are moving slowly but surely into 21 Century with all its digital modes in which we are slowly but surely getting involved with. The activities he is interested in participating are the 220 SBARC Thursday night net and repeater upkeep, Club meetings, Social activities and antenna parties. You got to love it, younger people to help us and motivate us to ever more or more things to learn and be involved with. Thank you gentlemen for joining us. I hope we can be of service to you.

5. Jackets and Polo shirts: Those of you having ordered a jacket and/or Polo shirt have received them with a couple of exceptions. The jackets look really nice and while the polo shirts are a little darker from those in the past they to look real good. As you know this project was started since we play such a major role in the upcoming ARRL SW Division Convention right here in Torrance in September. It is always nice to see the presence of our members in our club colors; it shows our pride and enjoyment in our club. Thank you for taking part in this.

6. ARRL Convention: The convention right here in Torrance at the Torrance Marriott on September 9, 10 and 11, 2011 promises to be very special. All vendor spaces have been booked, all speakers with presentation slots are filled except for 1 or 2 at most and every aspect has been given the utmost of attention to make this the best ever SW Division Convention in the West. We are tasked with the operation of the Special event station W1AW which means we need people to cover all this. Please see Paul-KK6BY for your sign up. This is important since we will have to ensure proper operation and such by guest operators.

Joe WB6MYD

CALENDAR

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

Club Meeting - 3rd Thursday of the month
August 18, 2011 - 7:30 p.m.
Torrance Memorial Medical Center
West Tower, 2nd Floor, 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, **August 27, 2011**, 7-11
a.m.

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

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

CLUB SERVICES

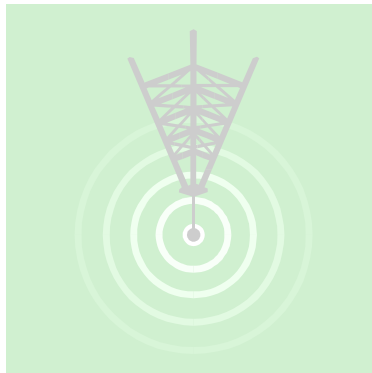
Awards Manager (HF/VHF)	Cliff - K6LH
Health & Welfare	Mike - KI6LJM
Swap Meet Chair	Joe - WB6MYD
VE Test Liaison	Joe - WB6MYD
VE Test Sessions	Joe - WB6MYD
Webmaster	Alex - KD6LPA
Editor	Mike - KI6LJM
Proofreader	Alex - KD6LPA

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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Torrance, CA 90508
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TO:



Address Correction Requested

A COMMUNITY SERVICE ORGANIZATION

W6SBA

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