



# ARCOVER

South Bay Amateur Radio Club



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

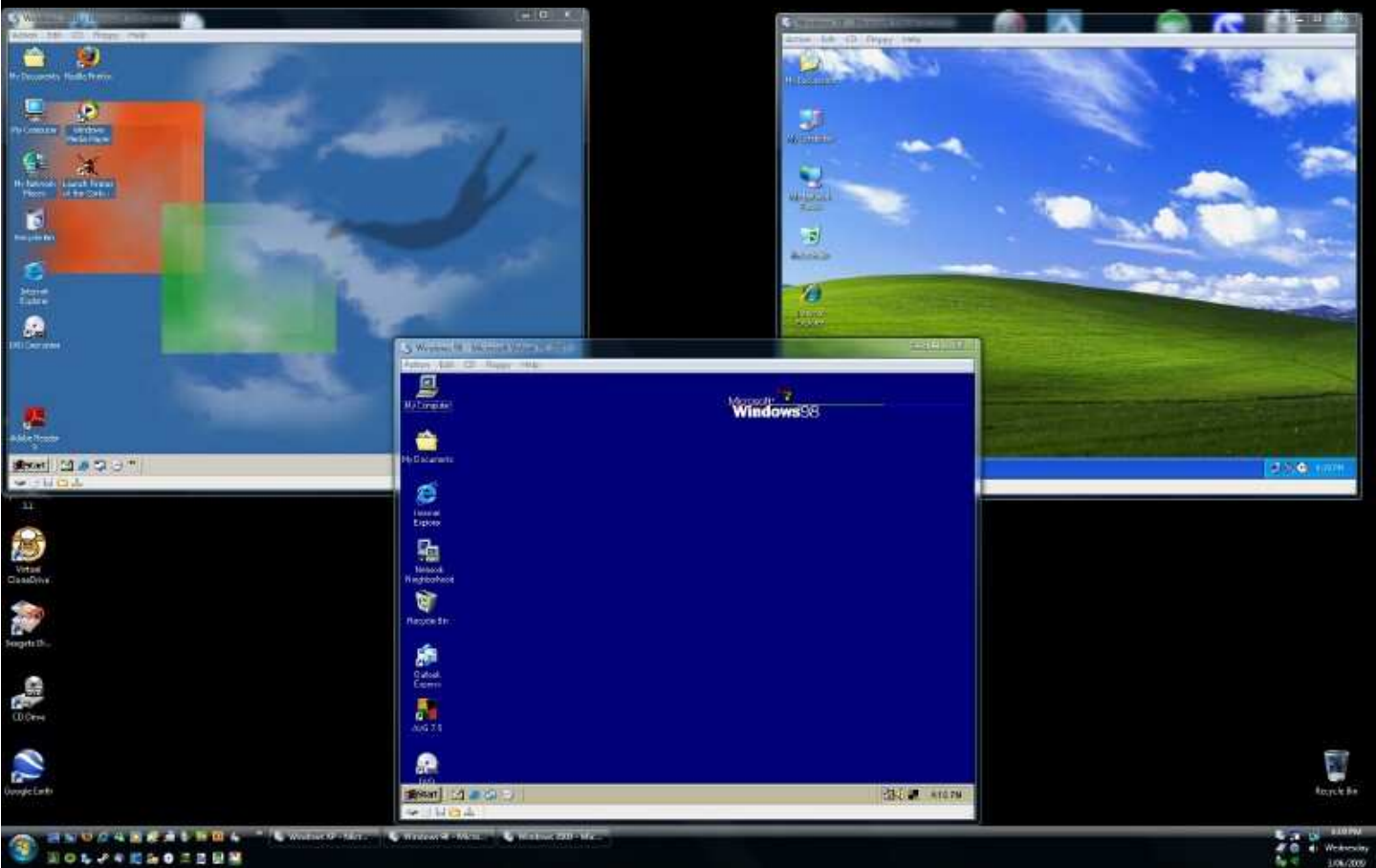
A Community Service Organization  
Dedicated to Amateur Radio Since 1970

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

President - Alex - KD6LPA

October 2009

## “PC Virtualization” Presented by Alex Marko - KD6LPA



### About the Speaker:

Our own President, Alex, will give us a tour of PC Virtualization - a valuable tool that eliminates the need to buy software updates for compatibility with newer 64-bit Operating Systems. Alex will give us an overview of Virtualization, how to set it up, and also explain how it can be used as a security mechanism to keep your computer safe, simplify backup processes, and enable you to run different types of amateur radio software without buying a new computer!

## NEW CONSTITUTION AND BY-LAWS IN EFFECT!

At our last club meeting, the membership voted in the proposed changes to the club Constitution and By-Laws by approximately 95% (by those in attendance). However, concern was raised as to whether the legalize of the previous Constitution and By-Laws meant “simple majority” of members present, or “simple majority” of the entire membership.



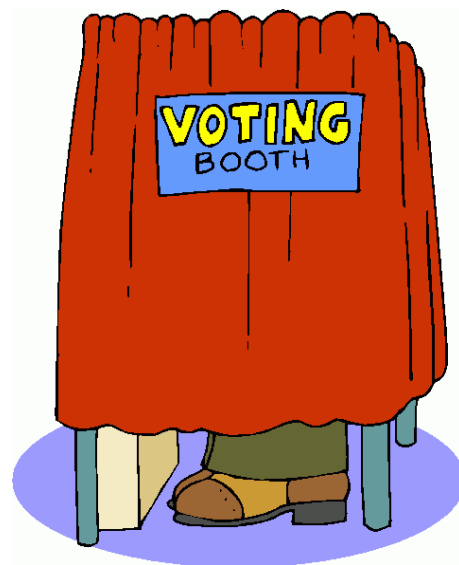
The President called a special council meeting on Wednesday, September 30th to discuss these issues. After a long discussion, the council deferred to Robert’s Rules of Order to settle the issue. In short, 30% of the membership needed to vote “yes” to enact the changes. At present, our total membership count is 81 members. Thirty percent would be 25 votes. Out of the 35 members present, 32 voted to enact the changes to the club Constitution and By-Laws, 1 vote against, 1 vote abstained, and 1 ineligible voter based on a family membership. Therefore, the 32 “yes” votes taken at the last club meeting was sufficient to enact the new Constitution and By-Laws.

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## CLUB OFFICER ELECTIONS IN NOVEMBER!

One of the new provisions in the new Constitution is the addition of a third council member at large. The idea is to spread out the work load so no one member has an unfair share of tasks to perform.

Previously, if one was elected to Council Member #1, then the tasks of that position were essentially tied to that title. With the new Constitution in effect, the tasks of each Council Member are negotiated on the fly by the new council. The purpose in adding this language was to encourage more members to become involved in council activities, and allow for new members to volunteer for council positions without being “locked” into specific tasks.



As a result, our upcoming election in November will elect a President, Vice-President, Secretary/Treasurer and three council members at large for the year 2010.

So please start thinking about the upcoming election and how you can help serve your club. New members offering fresh ideas help keep the club running smoothly!

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To comply with the new Constitution, the President will appoint (subject to council approval) a third council member at large to complete the 2009 council term.

## “An Inside Look at Ray’s Introduction to Ham Radio”

### First licensed in 1960 as a Novice Operator:

A good buddy, Jim Manson and I tested at the QTH of Lee Bruce, WA6DII, we both passed and mailed our Novice paper work to the FCC in Gettysburg. A minor error was made on the application by our tester and the FCC mailed the forms back to Jim and I. We quickly got Lee to sign our applications and returned the forms to the FCC. After waiting 8-weeks, we both received our Novice license, I received WV6OWM, Jim received WV6OWO. Jim's call is one dash longer.



### April 1961 and June Field Day 1961:

I went down to the Federal Building in downtown Los Angeles and took my General Exam, which required 13-wpm and a 50-question exam. After passing the General exam, you would wait another 8 weeks for the license to arrive. The Monday before Field Day, June 1961, the mailman delivered my WA6OWM Amateur Radio General License. My Dad and Hardy Glenn, W6RZB rented a trailer and I was off to my first Field Day to use my new call. The setup consisted of a Off-center Fed Windom antenna, Elmac AF-67 50W AM/CW transmitter and a Pearson PMR-7 mobile amateur band receiver. That first station was located below the northeast corner of the Don Wallace, W6AM Antenna Ranch in Palos Verdes. W6AM decided to check out 15 Meters and found a big signal on his Europe Rhombic antenna. As he looked over his fence he saw our setup and drove down to meet us. So here I am at my first Field Day with my new call, and meeting one of the best know Amateur Operator in the world, and by the way, we all sat around eating ice cream and listening to stories from W6AM. What a Field Day to remember...

*(continued on pages 4 and 5)*



**Station Setup:**

The shack at WA6OWM consists of Yaesu and Icom equipment. For HF, Yaesu FT-847 Transceiver provides RF on 160-meters through 70-cm, and SSB, CW, AM and FM modes and Satellite operation. The FT-847 is computer controlled. The Operating System for the home station is Windows Vista and the backup and portable computer runs Windows XP. The interface hardware is a microHAM

“microKeyer II” and the station software is “Ham Radio Deluxe/Digital Master 780 V5.0 Beta”. One unique features of the microKeyer II is to



bridge two serial CAT devices from a single source. A single transceiver can control CAT functions in two separate software packages. An example, I run my station log on COM1 and a BPSK31 Decoder on COM2, both connected to one transceiver. Both programs control the transceiver, without locking up either COM Port. The backup computer is connected to a US Interface “Navigator” and “AirLink Express” software. A Yaesu FT-897D HF+6M/V/UHF All Mode transceiver is used as a backup, for Single Operator 2 Radio (SO2R) applications, and mobile/portable operations. A third setup uses Icom IC-751 160-10M 100 watt all mode, Icom IC-271H 2M 100 watt all mode and Icom IC-471H 70CM 70 watt all mode transceiver. A Yaesu FT-90, for 2M/70CM FM and a Kenwood TM-331, for 125CM completes the setup. Both FM radios are connected to Diamond dual-band (2M/440Mhz and 2M/222Mhz) vertical antennas. Station power is provided by two 30-Amp Astron Power Supplies. UPS power supports the FT-90/TM-331 rigs and the computer setup. The HF station can be manually connected to two heavy duty battery systems.

A variety of antennas are available, including dipoles, Butternut verticals (160-6M), an Hy-Gain AV-640 40-6M vertical, HyGain TH-3 triband yagi, Mosley CL33 triband yagi, HyGain 2-el 40M/3-el 20M yagi, and miscellaneous M-Square yagi and loop antennas for 2M and 70CM, F9FT antennas for 432-mHz and 1296-mHz. An LDG AT-200Pro Autotuner, WX0B Six-Pak remote antenna switches and Dunestar Systems Model 600 Multi Band Bandpass filters complimentary the SO2R configuration.

The second QTH has both a Yaesu FT-990 and Yaesu FT-100D, microHAM interface and a center loaded ground plane antenna, with 16 radials. Next to a golf course, in a very quiet area and a quarter mile from salt water, the GP antenna works great.

### **WA6OWM Mobile...**

In the early days I had a lot of Phone contacts. Starting in 1962, I would operate mobile. My favorite bands included 80, 40 and 20 meters. Here in the South Bay, we used 3995 kHz for mobile and emergency communications. I homebrewed a simple two-tube 80 meter crystal controlled AM transmitter. The rig consisted of a 12AT7, dual triode tube (Mic/control carrier modulator and crystal oscillator) to a TV sweep tube as a 120 watt Class-C RF amplifier. In 1964 I picked up my first Swan SSB transceiver. You would work the western US in the daytime, and the world at night. On many a night I would work the Amateur Operators at McMurdo Sound in the Antarctica. I also became interested in the County Hunters group (14336 kHz) with the goal of contacting all 3079 US counties. I would mobile around California and many of the states west of the Mississippi providing county contacts.

### **WA6OWM Contesting....**

About 1964, the FCC re-introduced the Amateur Advanced Class License. My next goal was to pass that exam. So I became the club instructor, and held classes for the Novice and Advanced license, as well as Morse Code. Several of our current members participated in the classes and still today hold an Advanced License. With the CW classes I practiced CW and force myself to operate a lot more CW. I entered every contest I could. My theory was, I had to copy the exchange correctly the first time, or lose the contact. After a year of contests, my CW speed was up to what I needed for the Extra Class. Contests are good...

### **WA6OWM DX-ing**

Along with domestic contest there are many DX Contests. Groups of Amateur Operators would schedule their vacation at some remote location with the contest over the middle weekend. Since they would operate the full 24- or 48-hours of the contest, you had a better chance of working these stations. I am at 238 countries (DXCC) and 40 zones (WAZ).

This year starts my 49th year in Amateur Radio, what a blast....

### **WA6OWM**

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*We certainly want to thank Ray for contributing this month's ArcOver Insider article. We really appreciate it, and we hope you enjoyed reading it. We'd like to continue publishing articles about our club members, enabling others to find out more about the knowledge and experience within our club. If you'd like to submit an article, or recommend another member for an Insider article, please contact me, Alex.*

## SBARC CONTEST CALENDAR FOR OCTOBER 2009:

<b>EVENT NAME</b>	<b>DATE:</b>	<b>TIME:</b>
NCCC Sprint	Oct 16	0230Z-0300Z
Araucaria VHF Contest	Oct 17	0000Z thru Oct 18, 1600Z
JARTS WW RTTY Contest	Oct 17	0000Z thru Oct 18, 2400Z
Microwave Fall Sprint	Oct 17	0600 - 1200 local
Feld Hell Sprint	Oct 17	1000Z-2000Z
ARCI Fall QSO Party	Oct 17	1200Z thru Oct 18, 2400Z
Iowa QSO Party	Oct 17	1400Z-2300Z
Stew Perry Topband Challenge	Oct 17	1500Z thru Oct 18, 1500Z
Worked All Germany Contest	Oct 17	1500Z thru Oct 18, 1459Z
W/VE Islands QSO Party	Oct 17	1600Z thru Oct 18, 2359Z
New York QSO Party	Oct 17	1800Z thru Oct 18, 0600Z
PODXS 070 Club Great Pumpkin Sprint	Oct 17	2000 local thru Oct 18, 0200
Asia-Pacific Fall Sprint, CW	Oct 18	0000Z-0200Z
UBA ON Contest, 2m	Oct 18	0600Z-1000Z
Illinois QSO Party	Oct 18	1700Z thru Oct 19, 0100Z
Run for the Bacon QRP Contest	Oct 19	0100Z-0300Z
ARRL School Club Roundup	Oct 19	1300Z thru Oct 23, 2400Z
RSGB 80m Club Sprint, SSB	Oct 21	1900Z-2030Z
NCCC Sprint	Oct 23	0230Z-0300Z
CQ Worldwide DX Contest, SSB	Oct 24	0000Z thru Oct 25, 2400Z
10-10 Int. Fall Contest, CW	Oct 24	0001Z thru Oct 25, 2359Z
10-10 Int. Fall Contest, Digital	Oct 24	0001Z thru Oct 25, 2359Z
50 MHz Fall Sprint	Oct 24	2300Z thru Oct 25, 0300Z
SKCC Sprint	Oct 28	0000Z-0200Z
NCCC Sprint	Oct 30	0230Z-0300Z
<b>November, 2009</b>		
High Speed Club CW Contest	Nov 01	0900Z-1100Z and 1500Z-1700Z
ARS Spartan Sprint	Nov 03	0100Z-0300Z
NCCC Sprint	Nov 05	0230Z-0300Z
NCCC Sprint	Nov 06	0230Z-0300Z
ARRL EME Contest	Nov 07	0000Z thru Nov 8, 2359Z
IPARC Contest, CW	Nov 07	0600Z-1000Z, and 1400Z-1800Z
Ukrainian DX Contest	Nov 07	1200Z thru Nov 8, 1200Z
ARRL Sweepstakes Contest, CW	Nov 07	2100Z thru Nov 9, 0300Z
NA Collegiate ARC Championship, CW	Nov 07	2100Z thru Nov 9, 0300Z

### 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

### CONTACT:

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

### POSITION:

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

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

Alex, KD6LPA  
 Alex, KD6LPA  
 Rich, KG6JKJ  
 Matt, N6MDC  
 Nancy, NJ6S

President  
 Editor / Webmaster  
 Vice President  
 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.

"Elmering" is available to every member, please ask any officer, and we will find a knowledgeable club resource for you.

You're a member of one of the best clubs in the area, and we want your help to make it even better. If you have a suggestion or an idea for improvement, we want to hear from you. Please feel to contact any council member by phone or email.

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



1. **Thank you!** We wish to thank Dr. Doug Millar, K6JEY for his excellent presentation on EME. Lots of questions followed his presentation on this fascinating subject, and was very enlightening.
2. **Name badge:** Please let me know if you're interested in the club type name badge. I have an order for 2 but need at least one more to place this with the Name badge people. The cost is \$10.
3. **Health and Welfare:** If you or anyone close to you is having health or other problems, we want to help and let that person know we care. We can send greeting cards, flowers, and encourage club members to call to wish that person well. Please contact Council Member #1, Matthew—N6MDC.
4. **Attendance Drawing:** The September Attendance drawing was for James Curio—KI6FJV. Unfortunately, James was not present, so the October kitty will be for \$30 dollars, since we haven't had a winner since July. Be sure to attend our next meeting October 15.
5. **Services:** Please remember to renew your ARRL membership by seeing Joe. The club benefits by getting a commission, so please help us out.
6. **Weekly Net:** Join us every Thursday night at 7:30PM on the W6SBA repeater to hear all the latest and enjoy the conversation by your fellow SBARC members. (No net occurs on the day of club meetings)
7. **Elections:** Elections for next year's officers are coming up, and we want to encourage you to volunteer for one of the officer positions. It benefits the club to have new members in council positions - so fresh ideas can be suggested to keep the club running smoothly.
8. **Meeting location:** As a reminder, the October 15 meeting will be in the West Tower, 2nd floor, Room "B", 2nd floor.



**CLUB OFFICERS FOR 2009:**

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

**Vice-President: Richard Whited - KG6JKJ**  
**rbwhited@yahoo.com - 562-756-7103**

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

**Council Member #1, Matthew Cruse - N6MDC**  
**310-374-5696**

**Council Member #2, Nancy Klatskin - NJ6S**  
**nklatskin@verizon.net - 310-540-3253**

**Past-President, Ed Hinz - KN6JN**  
**kn6jn@aol.com - 310-325-7944**



## CALENDAR

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

**Club Meeting** - 3rd Thursday of the month  
**October 15, 2009 7:30 p.m.**  
Torrance Memorial Medical Center  
**West Tower, Room B**

**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, Oct 31, 2009 7-11:00 a.m.

**VE Session** - December 12, 2009  
West Tower, 2nd Floor, Room "A"  
Contact: Joe WB6MYD  
Phone: (310) 328-0817  
jlanphen@ca.rr.com or w6sba@arrl.net

**Social Event** - 2nd Saturday, November 14, 2009, 12pm  
Billy's Deli  
5160 W. 190th Street, Torrance CA

## CLUB SERVICES

Awards Manager (HF/VHF)	Cliff - K6LH
Health & Welfare	Matthew - N6MDC
Swap Meet Chair	Joe - WB6MYD
VE Test Liaison	Joe - WB6MYD
VE Test Sessions	Joe - WB6MYD
Webmaster	Alex - KD6LPA
Editor	Alex - KD6LPA
Proofreader	Nancy - NJ6S

### 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

