



February 2013

ARCOver

A Community Service Organization Dedicated to Amateur Radio Since 1970

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**Amateur Radio, Keeping Us In Touch
With Our Loved Ones!**



E-mail: W6SBA@arrl.net



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

President's Message

Hello W6SBA,

I've always felt the appeal of Ham Radio is learning how things work and exploring the nuances of different technologies. So this month, I'm going to try something new. I'm going to describe a technical problem, and I'd like each of you to ponder the problem carefully, and then bring your own answers to the next club meeting, Feb 21.

“Troubleshooting 101”

A few months ago, Joe asked me to come over and help him program some frequencies that weren't taking on his Kenwood TM-D710 mobile rig. (The mobile rig was actually set up in his house with all his other ham gear). The frequencies were 2m and 440 as I recall, nothing out of band. After successfully programming the radio, I asked Joe to check everything to make sure it was working as desired. But after pressing the PTT button, the radio powered off! So we tried to press the power button on the radio, but it didn't come back on. At this point, Joe looked at me incredulously and without saying a word, my radio programming skills were called into question :)

We measured the voltage on the power supply, nothing. On closer examination, the power supply switch which normally glows red when turned on, wasn't lit at all. We looked at the fuses, both in-line on the radio power cord, as well as the power supply. They were fine. At this point, we noticed that everything on his desk was no longer on. So we checked the power strip which everything was plugged into, and it too was dark. We turned the power strip off, hit the button on the side to reset it, and turned it back on. Same result, nothing!

I should note that the power strip was directly connected to the wall outlet. So I asked Joe whether we should check the circuit breaker, but he commented that the other lights in the office were still on, and that everything in the room was controlled by the same breaker. Hmmmm...

Herein lies my difficulty, I want to give you as many facts as possible to solve this little riddle, but there is one last thing we checked that resolved the problem. But I won't reveal what it was until our next club meeting. Hopefully, you can reason it out with the information I've given you. A couple of other details, the Kenwood radio was properly connected to a 2m/440 antenna. Although I personally didn't measure the SWR, Joe assures me he used the antenna for years, so he doesn't think that was the problem.

I'll look forward to hearing your answers at the club meeting. Until then, this is Alex saying 73!

CLUB OFFICERS FOR 2013

President

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katsu442@yahoo.com - 310-480-7794

Events Council Member

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Information Council Member

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

Past President

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

BSA to Offer Amateur Radio Operator Rating Strip



The Boy Scouts of America ([BSA](#)) has approved an Amateur Radio Operator rating strip for Scouts and Scouters to wear on their uniforms. According to BSA Communication Services Director Jim Wilson, K5ND, the strip recognizes the Scout or Scouter's availability as an Amateur Radio operator for communication services for events and activities, as well as emergencies. All registered youth members and adult leaders who also hold a valid FCC-issued Amateur Radio license of any class are eligible to wear the rating strip.

"Last year, the BSA Awards and Insignia Committee introduced the Morse Code Interpreter Strip upon the recommendation of the BSA's National Radio Scouting Committee," Wilson told the ARRL. "We are always looking for ways to promote Amateur Radio, both within Scouting and to the world. The National Radio Scouting Committee thought this new Amateur Radio rating strip was a wonderful way to do exactly that, as it readily identifies to everyone that the wearer is a licensed radio amateur, prepared to be useful and to help others."

Wilson, who heads up the National Radio Scouting Committee, said that the Amateur Radio Operator rating strip is similar to the Amateur Radio Operator badge offered as a proficiency badge by Scouts Australia, as well as the badge recently introduced by Scouting Netherlands. It follows in the footsteps of the Scout Radioman personal interest badge for Senior Scouts and Explorer Scouts that was offered by the Boy Scouts of America in the 1940s. The

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!



Patients whose high blood pressure remains uncontrolled despite taking several drugs may get relief from a short burst of radio waves to the nerves around the kidneys, a small study found.

Don't try this at home; The technique—called catheter-based renal denervation—is minimally invasive. In it, doctors use a catheter inserted through the artery in the groin, which sends radio waves burning away nerve tissue around the arteries that feed the kidneys. "This is a very promising approach for managing medication-resistant hypertension," said Dr. Gregg Fonarow, a spokesman for the American Heart Association and professor of cardiology at the University of California, Los Angeles.



So you see how getting on the air might help you after all.

From: Newsmax Health: Total wellness for a better life



3315 Airport Dr.
Torrance, CA
90505
310-326-9544
www.wmof.com

<p>USS Liberty Survivor</p>  <p>January 19 Donald Pageler</p>	<p>Space Shuttle Calls Home...and Stays!</p>  <p>February 16 Dr. Kenneth Phillips</p>
<p>The Garrett Century</p>  <p>March 16 Barry Tyson</p>	<p>Tactical Nuclear Targeting</p>  <p>April 20 Don Oldis, LCol. USAF Ret Museum Members Free Non-members: \$5</p>

Celebrity Lecture Series
January – April 2013
11:00 AM



W6SBA CENTURY CLUB CONTEST

Our club repeater W6SBA is so quiet and yet has such easy access to, most if not all, our membership. Let's have a contest with the winner receiving some award after logging 100 points at the end of the year. We can do this you know; it will be simple and straight forward. Contest to start March 1, 2013 and ends December 14, 2013.

The purpose is to show activity on the repeater, encouraging radio activity and above all promote camaraderie in the two things we all have in common a. We are Hams and b. We are members of the best darn club the South Bay ARC.

Simple Rules:

1. **Five** (5) contact credit points will be awarded for members checking in on the W6SBA Thursday night net. Credit points to be tracked by the NCO for each check in.
2. QSO's with SBARC members on the W6SBA , 224.38 pl 192.8 repeater count for **Three** (3) contact credit points 365 days/year. You need to keep your own log.

QSO's with non SBARC member count as **Three** (3) contact credit points 365 days/year on the W6SBA repeater. You need to keep track of your own log.

Additional QSO's with fellow club members as well as non members are encouraged throughout the year on any band-any mode with **Two** (2) contact credit points for SBARC members and **Two** (2) point contact credit for any non member on any band-any mode 365 days/year.

Net Control operators for the Thursday night net on W6SBA may count for his/her award contact credit points all check-ins of club members and non-members acknowledged while serving as NCO. Award contact credit at the rate of **One** (1) contact credit point for a club member and **One** (1) for non-members. This is to encourage additional NCO's for the Thursday night net on W6SBA at 7:30pm. Credit points tracked by the NCO as well.

Documentation consists of Date, Time and Other Station's call sign in a log that must be submitted to be considered for an annual award. Logs are mainly on the honor system, but subject to inspection when submitted.

The annual deadline to turn in logs is two weeks prior to the annual December Holiday party. Award Certificate for 100 or more contacts will be presented at the party.

The name "W6SBA Century Club" might not cover it, it is a starting point. If you have another suggestion by all means.

This is simple, while somewhat like our "WAM" award in the past it is different and makes things a lot easier and hopefully we will have a much better following.

Thanks, Joe, WB6MYD

New Digital Mode: JT9

Hot news from Joe Taylor, K1JT on the RSGB LF Yahoo group this evening about a new 9-FSK digital communication mode (for 2-way QSOs rather than beaconing) optimized for MF and LF bands.

"I invite you to try a new digital mode called JT9, designed especially for making amateur QSOs at MF and LF. JT9 uses the structured messages introduced in 2003 for the JT65 mode, now widely used for EME and for QRP operations at HF. JT9 can operate at signal levels as low as -27db (in a 2500 Hz reference bandwidth), with one-minute timed transmissions. It also offers slower transmissions of 2, 5 10 and 30 minutes duration, and the slowest mode can decode signals as weak as -40db. ZL2KE said on Dec 27, 2012, W6SZ in CA used 0.5 watt for a successful QSO with him in New Zealand who was using 5 watts. The antennas used: 270 ft loop, 25 ft up – in CA, and a 20m inverted V up 30 ft in NZ. Mode: JT9 Fri Dec 28, 02:05:00am GMT

Be the first to report your JT9 operations please.

(This article was posted by Gary-WD9DUI on the SBARC Face Book site in Dec 2012)

IMPROVED COMMUNICATION IS ALWAYS A PLUS

Progress on communications system to allow county's emergency workers to talk to each other (as this reported in the Daily Breeze 12/17/2012)

A joint powers authority will receive bids in January for the initial phase of a pioneering communications system that would, for the first time, allow Los Angeles County's 34,000 first responders and 17,000 second responders to, basically, talk with each other.

The report goes on to tell you the need for such a system was first highlighted by communication breakdowns among emergency personnel during the 9/11 terrorist attacks. But local law enforcement and firefighters say a better system is needed for all types of emergencies, whether it's an earthquake, wildfire or mass school shooting like the one in Newtown, Connecticut.



The report goes on to tell and show all the reasons why this should be implemented including the cost and states "it's critical to the health and safety of millions of Californians and it also creates 2,000 jobs, which couldn't come at a better time," Lara said.

Interestingly enough, no mention is being made of any Amateur Radio use during any disaster and its contributions so stay tuned.

2013 Arizona State Convention

9th Annual

Yuma Hamfest

Yuma, Arizona

Feb. 15 & 16, 2013

Yuma County Fairgrounds
2520 East 32nd Street, Yuma, Arizona



www.yumahamfest.org

Check the Website for Additional Information
and a Current Schedule of Activities and Seminars

Gates Open for Camping Thursday, 2 pm Vendor Setup Friday, 7 am - Noon	Event Hours Friday, Noon - 5 pm Saturday, 8 am - 5 pm	Buzzard BBQ & Grand Prize Drawing Saturday Night 6:00 - 8:00 pm
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Vendors & Exhibitors
Consignment Sales
License Testing
Hourly Door Prizes
On-site RV Camping
Famous Buzzard BBQ
ARRL Speaker
\$5.00 Admission

Tailgating (Swap Meet)
Full Seminar Schedule
DXCC Card Checking
Incredible Grand Prizes
Emergency Preparedness
Admission Prize
Hospitality Area
Antenna Clinic & T-Hunt

Hamfest Talk-in Frequency: 146.840 (-) PL 88.5 Hz
Email Contact: info@yumahamfest.org



We are proud to have the Amateur Radio Council of Arizona (ARCA) as a sponsor of our event.

The Yuma Hamfest is an American Radio Relay League (ARRL) sanctioned event.



Presented by the Yuma Amateur Radio Hamfest Organization

Newsletter



Articles for Publication

If you wish to contribute an article, news worthy material for or about amateur radio please let us know. Editor, Glenda-KF6QFE, is looking for news worthy stuff at all times. Our need to communicate is still very much on our mind whether done via your radio, club website or on paper. Submit to glenda.simpson@hotmail.com



Want a SBARC
jacket and/or



Let Joe-WB6MYD know ASAP your size and if you want with or without your call and name on it. Cost info for these items are TBD. Name badges are also available for \$10 dollars.



The Joys of CW

CW requirements are no longer a necessity for an amateur radio licensure here in the US and thru much of the world. This has been a source of delight and chagrin, sometime at the same time for both older and more recently licensed hams.

CW is in our ham radio tradition and blood and still works quite well when all else fails and is the mainstay of QRP, mobile field operations, and homebrew kit projects. It is also infinitely cool, fun and is a great way to get the attention and involvement of the texting and cell phone set, such as scouts and many of my grandchildren.

Like surfing and second languages it is better learned at an early age and aptitude for rapid learning may vary. I am in the older dog category of later learners and have found some aids to be helpful.

Computer programs such as G4FON and NZART teach 4 may be reached thru Google and directly downloaded. They are great ways to start and polish CW skills. W1AW offers great recourses and a schedule is provided below. Cell phone apps are here to stay. (A list and detailed set of iPhone and other apps will be the next month topic in fact...)

There are many clubs such as SKCC, NAQCC, Fists, Flying pigs, ARCI, just to name a few. My personal favorite is to tune to the novice portion or the bands and listen, copy and then get on the air and like the Nike commercial, "Just do it." My skills are in considerable need of polish but I have only found help and support when I just get on the air, engage in a QSO and relax and enjoy the moment.

Practice,

W1AW Schedule

Pacific	M	T	W	Th	F
6 am		Fast Code	Slow Code	Fast Code	Slow Code
7 - 9 am					

Visiting Operator Time

Pacific	M	T	W	Th	F
10 am - 12:45 pm					
1 pm	Fast Code	Slow Code	Fast Code	Slow Code	Fast Code
2 pm	Code	Bulletin			
3 pm	Digital	Bulletin			
4 pm	Slow Code	Fast Code	Slow Code	Fast Code	Slow Code
5 pm	Code	Bulletin			
6 pm	Digital	Bulletin			
6:45 pm	Voice	Bulletin			
7 pm	Fast Code	Slow Code	Fast Code	Slow Code	Fast Code
8 pm	Code	Bulletin			

Frequencies: 1.8025, 3.5815, 7.0475, 18.097, 21.0675, and 28.065 Mhz.



When Was Morse Code Dot-And-Dash First Used?

Samuel F.B. Morse was the first to actually transmit ten words a minute using the Morse code that would be come standard throughout the world at an exhibition in New York in 1838.

The telegraph, a device first proposed in 1753 and first build in 1774, was an impractical machine up until that point, requiring 26 separate wires, one for each letter of the alphabet. A five-wire model invented by two German engineers around that time, but Morse wanted to be the first to reduce the number of wires to one. Between 1832 and 1837 he developed a working model of an electric telegraph. In 1837 Morse's first telegraph device was unveiled using a one wire-wire system. A took about another year for him to improve this and come up with the dot and dash code that has been used up today.



From: Lemelson-MIT website, Inventor of the week archive.

FYI: RECENT USE OF MORSE CODE

Curiosity rover writes Morse code of JPL everywhere it goes — The Curiosity Rover that landed on Mars August 2012, has a neat feature in its wheels that allows it to spot if it gets stuck. The wheels have an asymmetric pattern of holes in them that leave a distinctive imprint on the surface of Mars. The rover views these marks with a camera to determine if it has traveled the distance it thinks it has. This 'visual odometry' means that Curiosity can spot if it's slipping or stuck and call home for help.

Mr. Morse would be so pleased!



NOTES FROM THE SECRETARY - JOE-WB6MYD

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



Attendance Drawing: The lucky winner for the attendance drawing was Rob-KB6KMX not being present will have to forego the kitty till next time. The kitty will be \$25 for the February meeting. Remember, you must be a member in good standing and be present to collect.

Thanks: Thank you Alex for a great presentation at our Jan. 2013 meeting on having a “\$3 dollar phone bill and Amateur Radio”. All the various options were explained and more including the possibilities with the use of Amateur radio and all the latest modes available to us all. We will see more of this as we hope to implement some of the digital modes to enhance possibilities with our own members such as Echo link and IRLP to name a few.

SBARC & ARRL Dues:

Reminder dues are due. Dues are as follows: **Regular / Individual Membership, renew or new is \$20.00 for one year. Associate Membership is for couples** (husband and wife) **\$30.00**. Both persons each have a vote for each election / club decision. **Family Membership is \$30.00** (chosen family member only to vote during elections / decisions and no others).



Remember also that your membership renewal for ARRL can be done by your club. We get a \$2 commission for any renewal. Just let your Secretary have the paper work and money. I have applications if needed.

Please *make your check payable* to **SBARC** and mail to P.O. Box 536, Torrance, CA 90508-0536.

Auto Patch



The club does have an open auto patch on our repeater. The fee is **\$40.00/ year**. We can set up a couple auto dial slots for you as well.

Members in GOOD STANDING:

Hal	KO6M	551649	Ray	WA6OWM	551650	Brian	KK6BDF	551651
James	KI6UPL	551652	Cliff	K6LH	551653	Patrick	K6PDG	551654
Craig	WD6AKX	551655	Glendee	KJ6EBS	551656	Greg	WQ9P	551657
Alex	KD6LPA	551658	Bob	WA6KZF	551659	Ray	WG6V	551660
Bob	KQ6WQ	551661	Bill	KQ6Z	551662	Bennie	W6ZAC	551663
Dean Sandoval		551665	Emy Sandoval		551666	Esmeraldo Sandoval		551667
Josie Sandoval		551668	Jerry	KJ6JJ	551669	Tom	KI6RC	551670
Harlan	KC6YBJ	551671	Daryll	W6JII	551671	Darryl	W6JII	551672
Paul	KK6BY	551673	Donna Wilson		551674	John	AE6LK	551675
Ken	K6HRN	551676	Betty	N6VZF	551677	Dick	W6MII	551678
Bruce	KK6BJ	551679	Alan	KG6ZPL	551680	Clyde	WB6HLS	551681
Joe	WB6MYD	551682	Chuck	KN6H	551683	Mark	KA6ZTO	551684
Marjor	KG6HPR	551685	Arthur	WS6U	551686	Richard	W6HYI	551687

Thank you so much for your timely renewal and continued support of the club. The SBARC can't do without you and you hopefully without the SBARC. Thank you.

Radio Activity: While some details still need to be worked out, for now please check the proposed “SBARC Century Contest” for your opportunity to shine. As your new President talked about at his first meeting last month “We need to be involved”. We encourage you to participate in this contest which is set up for that purpose. Opportunities are knocking and we hope to increase our activity on the W6SBA repeater with sharing your input and activities of participation. We collectively have so much knowledge which we can share with each other; for the betterment of yourself and the club in general. More talk about this at our February meeting.

CALENDAR

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

Club Meeting - 3rd Thursday of the month
February 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,
February 23, 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

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
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

South Bay Amateur Radio Club
Post Office Box 536
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