



February 2016

ARCOver

A Community Service Organization Dedicated to Amateur Radio Since 1970

In this issue:

- ◆ President's Message
- ◆ Speaker of the Month
- ◆ Quiz Column
- ◆ Crystal Kit Radios
- ◆ Ramsey Kits Calls it Quits
- ◆ 2016 Field Day New Categories Announced
- ◆ Yuma Hamfest
- ◆ Changing of the Guard
- ◆ Congressman Intercedes
- ◆ Tom Gallagher Named ARRL CEO
- ◆ List for Amateur Radio Parity Act Grows
- ◆ Notes From Joe



E-mail: W6SBA@arrl.net



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

Hi everyone:

Our activities for the year are beginning to firm up. Bruce, KK6BJ, will again be in charge of Field Day and Chuck, K6CSH, will probably reprise his role as our JOTA leader. Chuck and Tom, KI6RC, together with some others will be taking over the Swap meet from Joe, WB6MYD. We still need someone to volunteer for coffee duty at our meetings and we need a new VE chair. Chuck and Paul, KK6BY, are looking at alternatives to our current Field Day antennas. Several of us are looking at possible club do-it-yourself projects for the coming year. If any of you have suggestions for projects, talks, or possible field trips I would like to hear from you.

Ray, WA6OWM, has agreed to lead a club Morse Code learning program. The idea will be for members to study on their own with some sort of code practice to follow the weekly net. The final details are yet to be worked out. However, interested club members can get started on their own right now. There are a variety of learning tools available for free on the internet. Bruce recommends 4teach available at <http://www.nzart.org.nz/exam/morse/>. Other resources can be found at <http://www.justlearnmorsecode.com/>, <http://lcwo.net/>, and be found at <http://www.justlearnmorsecode.com/>, <http://lcwo.net/>, and <http://aa9pw.com/morsecode/>. Check the internet as there are a variety of programs and lesson plans available for self-study. If you want to spend the money, I can personally recommend Gordon West's beginning code lessons. I learned the code from them and found it to be a relatively painless way to do it.

We would like to start a club mentoring program wherein new tech class members will be assigned a mentor who can help her pick a radio, program it, learn to use the repeater, etc. To this end, we need volunteers to be mentors. This will not be a big drain on anyone's time so please consider it. Arm twisting will follow if insufficient volunteers are to be found. In this same vein, we are also preparing a list of "Elmers" who can help members with specific problems related to topics such as antennas, operating, or digital modes.

The meeting next month will be presented by me. Since we are trying to promote home brew activities this year we thought that it would be appropriate for me to present a revised version of my talk about building techniques, tools, and test equipment. That's it for this month. I'll see you at the next meeting!

73,
Alan

♥ *Happy Valentines Day* ♥

CLUB OFFICERS FOR 2016

President

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

Secretary/Treasurer

Joe Lanphen - WB6MYD
jmlanphen@gmail.com or w6sba@arrl.net
310-328-0817

Council Member

Paul - KK6BY
KK6BY@att.net - 310-676-0212

Vice-President

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

Council Member

Chuck Hohn - K6SCH
chohn@socal.rr.com - 310-324-9561

Past President

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



The February speaker will be our own Alan Parks KG6ZPL. He will be giving his presentation on Do It Yourself in our new meeting room in Torrance Memorial HHC at 7:30 PM on Thursday in room 3 HCC building (just to the south of our old meeting site in the West Tower).

Alan recently retired after a fifty year career in academia and aerospace management and research. He has been a ham for ten years and holds an amateur extra class license. He is currently president of the South Bay Amateur Radio Club.

Besides radio, his interests include reading, music (both listening and playing), astronomy, microscopy, and modelling of various kinds including aircraft, ships, vehicles, and live steam. He basically likes to build stuff.

The talk will concentrate on the equipment and techniques needed for do it yourself projects. Both kit and scratch building will be covered. He promises that his talk will be shorter than his last one!



1) John leaves home at a random time every morning to get a train going to the city. Two trains leave the station every hour on a regular schedule. The first is train A and the second is train B. He finds that only one time in 6 he gets on train B. Why is that?

2) Fred is 12 years old and his mother is 3 times older than Fred. When Fred is 20 years old, how old will his mother be?

3) Is an older one-hundred dollar bill worth more than a newer one?

4) What building has the most stories?

Answers to January's Quiz

1) The volume of a cube is 64. What is the sum of the lengths of all of its edges? *Since the volume of a cube is the cube of the length of a side, e.g., if the side is length = L, then volume = L x L x L, the length of a side is the cube root of the cube's volume which in this case is cube root(64) = 4 since 4 x 4 x 4 = 64. Now there are 12 edges on a cube, so the sum of its edges is 12 x 4 = 48.*

2) A ham club has three times as many phone operators as Morse Code operators. Which of the following is the number of operators in the club: 27, 28, 29, 30, or 31? *If we let x = the number of CW operators, then the number of phone operators is 3x and the total number of operators is then x + 3x = 4x. Thus, the total number of operators must be evenly divisible by 4. Of the numbers, 27, 28, 29, 30, or 31, only 28 = 4 x 7 fits the bill so the answer is 28.*

3) What is at the end of a rainbow? A "W".

4) Mary's father has 5 daughters – Nana, Nene, Nini, Nono. What is the fifth daughters name? *Mary*

Send responses to Alan, KG6ZPL at thermic72@sbcglobal.net

New Meeting Location

**General meeting location
Health Conference Center,
Room 3 @ 7:30p.m.**

Thursday Night Net @ 7:30 p.m.



Please join us on W6SBA 224.38 minus offset and the PLat 198.2 hz you can share your experiences or just say hello!

Crystal Kit Radios

There is a good chance most of us have built a radio, either from scratch or from a kit. There is an even better chance that one of these radios was a crystal radio that used a length of wire wound in a coil with a germanium crystal and a whisker that was used to find that “sweet spot” That, together with a coil of wire often wound around a Quaker Oats Cereal container, and some other simple parts would let us scan the AM radio bands.

During the early years of WWII my father was an electrician in the Long Beach Naval shipyards. He showed me how to solder circuits, build things, and was very patient when I would blow fuses while trying to create new circuits. We made such a radio in the mid-50s, before Elvis, surf music and all of the wonderful things to come. Enterprising GIs made such radios using razor blades instead of germanium and a variety of “foxhole radios” would pop up in unexpected places.

The graphics illustrate how to build a razor blade radio together with a simple schematic. These projects can easily be made and the parts can be found at local vendors such as Torrance Electronics and even more affordably from vendors such as Bangood and similar internet suppliers. A kit for an “Oat Box” receiver is available for \$14.95 from midnightscience.com. A kit for a “Razor Blade” radio is available from xtalman.com for \$29.95. I should also mention that modern earphones will not work with these radios. You need a high impedance crystal earphone. These are still commonly available, e.g., on Amazon for about \$3.

I would encourage all of us to give some thought to making a radio similar to this with a child, grandchild, scout or some youngster who might be drawn to The Magic of Radio. Bruce, KK6BJ

Ramsey Kits Calls it Quits

After more than 40 years as a purveyor of inexpensive electronics kits for hobbyists, the Ramsey Hobby Kits group has announced that it's thrown in the towel, effective on January 1. The Ramsey RF Test Equipment Group is unaffected by this change. The Victor, New York, company sold a wide array of hobby kits over the years, starting with its LED Blinky kit in the 1970s and eventually including simple ham radio transmitters and receivers, aircraft band receivers, and other devices. Ramsey kits were frequently available at hamfests. The company said it will continue to provide technical and warranty support for hobby kits purchased through the end of 2015. Ramsey said its remaining hobby kit inventory has been relocated to Amazon. ARRL Letter 1/14/2016

ARRL 2016 Field Day Packet is Now Available, New Bonus Point Categories Announced (ARRL 02/01/2016)

It's not too early to be thinking about **Field Day** 2016 and planning your club's strategy for a bigger score and greater participation than last year. Field Day is June 25-26 — always the 4th full weekend in June — and the 2016 ARRL Field Day Packet now is available to **download** as a PDF file. This year's Field Day introduces two new ways to score bonus points — Social Media and Safety Officer.

Rule 7.3.16 Social Media offers 100 bonus points for promoting your Field Day activation to the general public via an active, recognized, and utilized social media platform, such as Facebook, Twitter, or Instagram. This bonus is available to bona fide Amateur Radio clubs and Field Day groups that welcome visitors to their operations. These bonus points are not available to *individual* participants, and club websites do not qualify as social media for this bonus. The bonus points are available to all Field Day entry classes meeting the criteria.

Rule 7.3.17 Safety Officer offers 100 bonus points by designating someone to serve as a Safety Officer for groups setting up Class A stations. This person must verify that all safety concerns on the Safety Check List — found in the **ARRL Field Day Packet** — have been adequately met. This is an *active* bonus. Simply designating someone as Safety Officer does not automatically earn the bonus points. In order to claim this bonus, participants must include a statement verifying the completion of the Safety Check List in the supporting documentation sent to ARRL Headquarters. Last year, 2720 stations submitted ARRL Field Day entries. Nearly 1.3 million contacts were logged during FD 2015 — an increase of just over 1 percent. There were 35,369 individuals taking part in Field Day last year.

The 2016 ARRL **Field Day** logo makes a connection to the League's year-long National Parks on the Air (**NPOTA**) operating event. NPOTA celebrates the centennial of the National Park Service (**NPS**). ARRL Graphic Design Supervisor Sue Fagan, KB1OKW, created the logo.



The design's featured hiking boot footprint anticipates that many 2016 Field Day groups and individual operators may want to combine FD and NPOTA, setting up at national parks, historic sites, or at any of the hundreds of official National Park Service units throughout the US.

Pick your park, get the okay from park officials, get out and get on the air, and leave *nothing but footprints!* You can follow Field Day on Facebook and Twitter!

2016 SW Division Convention**Yuma Hamfest****Yuma, Arizona****Feb. 19 & 20, 2016**Yuma County Fairgrounds
2520 East 32nd Street, Yuma, Arizona**www.yumahamfest.org**

Check the Website for Additional Information

Gates Open for Camping Thursday, 2 pm Vendor Setup Friday, 7 am - Noon	Event Hours Friday, Noon - 5 pm Saturday, 8 am - 5 pm	Hamfest Dinner & Grand Prize Drawing Saturday Night 6:00 - 8:00 pm
---	---	---

Vendors & Exhibitors
Consignment Sales
License Testing
Hourly Door Prizes
On-site RV Camping
Hamfest Dinner
ARRL Speaker
Transmitter Hunt
\$5.00 Admission

Tailgating (Swap Meet)
Full Seminar Schedule
DXCC Card Checking
Incredible Grand Prizes
Emergency Preparedness
Admission Prize
Hospitality Area
Near Space Balloon Launch
Antenna Clinic

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

Changing of the Guard: Rick Roderick, K5UR, Elected as ARRL's 16th President

The ARRL Board of Directors has elected ARRL First Vice President Rick Roderick, K5UR, of Little Rock, Arkansas, as ARRL President. The Board took the action as it convened for its 2016 Annual Meeting January 15-16 in Windsor, Connecticut. Roderick, 63, officially assumed office for a 2-year term at the conclusion of the Annual Meeting. He is the ARRL's 16th president, succeeding Kay Craigie, N3KN, of Blacksburg, Virginia, who had served for three terms since being elected in 2010.



ARRL President Rick Roderick, K5UR. [Rick Lindquist, WW1ME, photo]

A ham for 48 years, Roderick is an attorney. He has served on the ARRL Board of Directors for 24 years and is an enthusiastic Amateur Radio operator and DXer on HF and VHF/UHF. He and his wife Holly have two adult children. The Board also chose other officers, electing Dakota Division Director Greg Widin, K0GW, of Stillwater, Minnesota, as First Vice President, succeeding Roderick, and Rocky Mountain Division Director Brian Milesosky, N5ZGT, of Albuquerque, New Mexico, as Vice President, succeeding Jim Fenstermaker, K9JF. Roderick, Widin, and Milesosky all are ARRL Life Members. Fenstermaker was later named by the Board as an ARRL Honorary Vice President. ARRL Letter 1/21/16

Congressman Intercedes with FCC Chairman on Amateur Radio Interference Concerns

New York Congressman Peter King has asked FCC Chairman Tom Wheeler to put some Enforcement Bureau heat on those interfering with various radio communication services, including Amateur Radio, in the New York City Metropolitan Area. While visiting Capitol Hill recently to promote the Amateur Radio Parity Act, ARRL Hudson Division Director Mike Lisenco, N2YBB, and General Counsel Chris Imlay, W3KD, met with King, a Republican representing New York's 2nd District, to discuss the interference issue. King is among the original of the 118 cosponsors of the Amateur Radio Parity Act (H.R. 1301) in the US House.

"Rep King, a long-time supporter of Amateur Radio who is also very concerned about malicious interference with licensed services, offered to send a letter to FCC Chairman Tom Wheeler on our behalf," Lisenco said. "Like many areas of the country, the Hudson Division has been plagued with malicious interference on our VHF and UHF repeaters for years. There has been no relief from the FCC, despite repeated pleas for remedy made by ARRL. All requests for help have consistently fallen on deaf ears." In his January 15 letter to Wheeler, King pointed out that while multiple perpetrators have been involved, the identity of the "ringleader" is well known to the Enforcement Bureau. He reiterated that the malicious interference had "been allowed to continue for too long," and he called for "timely and visible enforcement" to deter others.

"The Amateur Radio repeaters on Long Island that are rendered useless by this individual are used for emergency preparedness exercises and were used extensively in Hurricane Sandy disaster relief efforts," King told Wheeler. "This individual has been allowed to proceed without any apparent Commission enforcement for well over 2 years, despite repeated complaints from ARRL, NBC engineering staff, and at least two Long Island Amateur Radio clubs. NBC remote pickup units and public safety radio systems also have been troubled by malicious interference. ARRL Letter 1/28/2016



Tom Gallagher, NY2RF, Will Succeed David Sumner, K1ZZ, as ARRL CEO

Tom Gallagher, NY2RF, of West Palm Beach, Florida, will succeed David Sumner, K1ZZ, as the chief executive officer of ARRL, effective April 18. In that role, he will oversee all activities at ARRL Headquarters in Newington, Connecticut. Meeting in a special webinar session on January 25, all 15 ARRL Directors voted to elect Gallagher as CEO and Secretary, positions that Sumner will relinquish on April 18. Gallagher will join the ARRL staff as CEO-Elect on February 29, and a transition period will follow.



ARRL CEO-Elect Tom Gallagher,

"I am excited by the prospects of ARRL's Second Century, but I am equally mindful of Dave Sumner's enormous 4-decade contribution to our organization and of the extraordinary contributions he has made to advancing the art and science of Amateur Radio, to growing our ranks, and to expanding the sheer enjoyment of ham radio around the world," Gallagher said. "We need to focus on those parts of the population that are not participating in what Amateur Radio has to offer as an avocation, as well as the ones that are." ARRL Letter, 1/28/2016

US House Cosponsor List for Amateur Radio Parity Act Grows

The list of cosponsors for the US House version of the Amateur Radio Parity Act of 2015 (H.R. 1301) continues to grow. The addition of Rep Stevan Pearce, KG5KIQ (R-NM), and Rep Beto O'Rourke (D-TX) as cosponsors on February 1 raises the total to 120 cosponsors. They are among four cosponsors to sign on to the bill since the start of the year. The other two are Reps Robert Brady (D-PA) and Marcy Kaptur (D-OH), who became cosponsors on January 12 and 13 respectively.



One of a small handful of hams in the US House, Pearce got his ham ticket in November, after reaching out to then-Rocky Mountain Division Director (now Second Vice President) Brian Mileschosky, N5ZGT, and New Mexico Section Manager Ed James, KA8JMW, to find out more about ham radio. He joins his House colleagues Reps Daniel Benishek, KB8TOW (R-MI), and Greg Walden, W7EQI (R-OR), who chairs the House Subcommittee on Communications and Technology. During a January 12 hearing on H.R. 1301, Walden called the Amateur Radio Parity Act "a commonsense bill" and urged his colleagues to support it. Brady, Kaptur, Pearce, and O'Rourke may have heeded his advice.

A League-led effort to encourage members to urge their lawmakers to become cosponsors of the House and Senate measures continues. League representatives will be at the **2016 ARRL National Convention** February 12-14 in Orlando, Florida, hosted by the **Orlando HamCation**, to assist members in writing their members of Congress.

H.R. 1301 would direct the FCC to extend its rules relating to reasonable accommodation of Amateur Service communications to private land-use restrictions, such as deed covenants, conditions, and restrictions. An identical US Senate measure, S. 1685, has attracted 3 cosponsors. It cleared the Senate Committee on Commerce, Science, and Transportation last November.
ARRL 02/03/2016





1. **Attendance drawing:** We had a lucky member being present having his ticket pulled at the January meeting. Mark KA6ZTO joined us to pay his dues instead walked away with the 45 dollar kitty. Congratulations Mark and thanks for renewing your membership. The Feb meeting kitty will start at 20 dollars. Members must be present when their ticket is pulled.

2. **New members:** Yes we are so fortunate to have 2 new members join us. Please welcome Brian-K6BRN, Extra and Robert-KK6WYV, Tech. While Brian hails from Manhattan Beach Robert is from Hermosa Beach. Brian's interest are HF, VHF, UHF, Packet, RTTY, Amtor, Antennas/propagation, Elmering and Club Repeater. He looks forward to participate in Field Day, welcome to the South Bay ARC Brian. Robert's interest are HF, VHF, UHF, CW, QRP, and Antennas/propagation. He lists no activities to participate in. Robert is a new ham I am sure would like some Elmering in various aspects. Please say hello to these 2 new members this time and make them welcome to our family. Thank you guys for joining us.

3. **Renewed members:** Name and Call number
 Glendee-KJ6EBS 551880; Greg WQ9P 551881; Kostek K6MNA 551882; Darryl W6JII 551886; Ray WG6V 551887; Alex KD6LPA 551888; Bob KQ6MQ 551889; Robert KK6WYV 551890; Chuck K6CSH 551891; Jerry KI6RRD 551892; Jeremy KI6SUA 551893; Joe WB6MYD 551894; Patrick K6PDG 551895; Matthew N6MDC 551896; Chuck KN6H 551897; Brian K6BRN 551898; Jim W6IVW 551899; Paul KK6BY 551900; Hal KM6O 551901; Tom KI6RC 551902; Bill AF7OO 551903; Shirley KF6EXI 551904; Betty N6VZF 551905; Dick W1MII 551906; John AC6MG 551907; Donna Wilson 551908; John AE6LK 551909; Jerry KJ6JJ 551910; Cliff K6LH 551911; Paul KK6TAC 551912; Ed KN6JN 551913; Neal N6YFM 551914; John AF6DH 551915; Bob W6QAM 55191; Mark KA6ZTO 551918; Richard W6HYI 551920

Thank you one and all for your continued support. we really look forward to your continued participation. We hope to work with you in this year's events again. Joe- WB6MYD

4. **Dues:** Yes, please remember the SBARC club year is from January 1 to December 31 of each year. Dues are due. In case you forgot, single membership is 20 dollar, 2 at the same address is 30 dollar and family membership is 30 dollars also. The difference is in that 3 or more at the same address is for family with one designated vote by a member. 2 have each a vote. Please make check payable to SBARC, PO Box 536, Torrance, CA 90508-0536. Your continued support is appreciated.

5. **Repeater:** The SBARC W6SBA repeater had a little problem. It was noted by Joe-WB6MYD that spurious noises were heard intermittently. He soon learned that it actually wasn't our repeater but another repeater also located on Palos Verdes. This was quickly identified by Joe and he contacted the owner to make them aware of the problem. Attempts to shut down failed due to a controller problem and request to shut it down period by unplugging was found to be another problem. Its location is within a residence and its owner having gone on vacation, therefore, unable to perform that task. They apparently returned Friday 2/5 and unplugged it thereby resetting it. This did not solve the issue, however, it temporary solved the problem of course. The owner of the repeater needs to check the equipment with a service monitor to identify the causing part for replacement. The reason I am telling you this is so that we all be vigilant and report this kind of thing so we can notify the owner of the offending machine. Just let Joe know.

6. **Website links:** The following 2 websites are worthy of your attention by just clicking on it or pasting it in your browser. www.bioenpower.com this is an additional what looks like a pretty good battery power supply place. The next one while actually for Valentine's day and might be a little too late but try it any way. www.teampapa.org/archives/449 as I said this is for Valentine's day and is ham related. The link on our website is also for your benefit or actually for the club. Please patronize that store and be sure to let them know you're checking it out because you are a member of the SBARC. One other thing; the Yuma Hamfest is on February 19 & 20, 2016. Check last month's Arc Over for more details. This another ARRL SW Div Convention and is quite popular.



CALENDAR

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

Club Meeting - 3rd Thursday of the month
February 18, 2016 - 7:30 p.m.
Torrance Memorial Med Center
Health Conference Center, Room 3

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 27, 2016, 7-11 a.m.

VE Session - Contact: Joe WB6MYD
Phone: (310) 328-0817
jmlanphen@gmail.com or w6sba@arrl.net

Social Event - Contact: Joe WB6MYD
Phone: (310) 328-0817
jmlanphen@gmail.com or w6sba@arrl.net

CLUB SERVICES

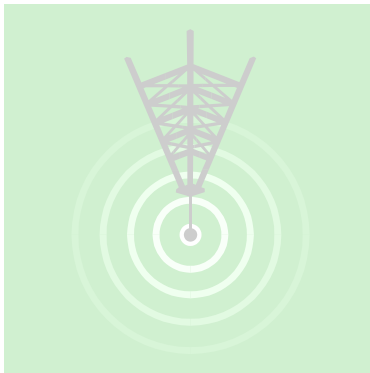
Awards Manager (HF/VHF)	Cliff - K6LH
Health & Welfare	Joe - WB6MYD
Swap Meet Chair	Tom-KI6RC & Chuck-K6CSH
VE Test Liaison	Joe - WB6MYD
VE Test Sessions	Joe - WB6MYD
Webmaster	Scott - N6LEM
Editor	Glenda - KF6QFE Glenda.simpson@hotmail.com
Proofreader	Alan - KG6ZPL

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

