



February 2018

ARCOver

A Community Service Organization Dedicated to Amateur Radio Since 1970

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Live  Love
Ham Radio

E-mail: W6SBA@arrl.net



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

What activity would you like in 2018? This year includes a tour of JPL (March), Armed Forces Day activities including the Greenhill's Memorial Park Day Fly-over (May), ARRL VHF Contest and Field Day (June), California Qso Party and JOTA (October). Monthly get-together are the Luncheon on the second Saturday at noon, VE sessions are held on the second Saturday of the Even months, Club Net on Thursday night at 1930-hrs local time, W6SBA/R on 222MHz FM. Jerry, KJ6JJ has offered Echolink (KJ6JJ-R and www.echolink.org) access to the W6SBA/R repeater. The third Thursday is the General Membership Meeting at Torrance Memorial Health Center, 1930-hrs. Check the newsletter and calendar on the "www.W6SBA.org" website at least weekly for the latest info.

Ed, KN6JN has volunteered to refresh and be the Awards Manager for the Worked All Members (WAM) program. The objective is to make us all more "radio activity". Alan, KG6ZPL started the ELMER program several years ago and is available on the website for anyone that needs assistance with amateur radio related questions. Thanks to the webmaster, (KG0GGY-Heidi) and (Brian-KK6BY Son) and past webmaster (KD6LPA-Alex) for all the personal time and work in making the W6SBA website a useful tool. Please visit the website, and post thank you to the webmaster.

Club activities include ARRL Special Service Club functions and VE Sessions, Nets for members and guests, Elmer's and Community support to name a few. Field Day, JOTA, Swap Meets and ECOMM are a part of the clubs activities. Your participation helps to insure success. On-the-Air activities provides practical training opportunities. Computers are always popular with members, Email, Web browsing, Amateur Radio News, Operating Alerts and more. Application for Logging, digital communications, Satellite tracking, DX Cluster and Award Tracking are made simple with computers. Members can Elmer you in Echolink, Windows, iOS, Linux, Arduino or Raspberry-PI systems. Check the Club Elmer list.

Over the last years, there has been a lot of conversation concerning how the average members age and youth participation has tended to slow our activities and growth. I think there are other factors why we don't attract a younger member in to the club. We have local classes that prepare you for the three amateur radio license grades. We have a VE schedule that offer testing for the new or upgraded license. We invite them to club meetings and maybe sign them up as members. The next step, and I think an important step is to offer classes in how to operate and understand the different complexities of our hobby. We use terms like "Elmer", "dipole", or the one I like, "ALC". To a new Ham this is like trying to understand another language. It's time we induce the basics back into club activities. Classes on using a receiver, maybe antenna analyzer, or what is FT8, or how to install a software package and connect it to your new transceiver. That will be part of the Elmering program, and should include hands-on how-to instruction.

Now is the time to learn from club members and Elmer's the many different phases of our hobby.

73
WA6OWM

< 2018 CLUB OFFICERS >

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FEBRUARY

MEETING

SBARC presentation 15 February, 2018

Charlie has been a ham radio operator since high school obtaining his Novice license in 1969, extra class license as AJ9N in 1978. He lives

with his wife in Huntington Beach and travels extensively working for General Electric as a technical applications engineer specializing in electric power system protection.



He became interested in the predecessor of ARISS, then known as SAREX, in 1983 to facilitate schools, scouts, church youth, etc. to speak with an astronaut, while in orbit on the space shuttle.



ment for many more.

We first met Charlie and his team when he set up his station at Meadows Middle School in Manhattan Beach, working with our club member Joanne, KM6BWB, allowing her team of 9 students to make contact with an astronaut-ham radio operator, in front of an audience of almost 500 students.



CORNER

WITH ALAN, KG6ZPL

- 1) What is the smallest number greater than 95,555 where four of the digits are the same?
- 2) What English word contains all of the vowels in alphabetical order?
- 3) What is white, has one horn, and gives milk?
- 4) What tastes better than it smells?

January 2018 Quiz Answers

1) Suppose that you have three Scrabble tiles, N, T, and O. If you randomly place them in order, what is the probability that they spell an English word? ***N, T, and O spell only TON and NOT. There are 6 ways of randomly ordering the three letters, so the probability is $2/6 = 1/3$.***

2) I throw a nickel and a dime in the air. If at least one of the coins falls as a head, what is the probability that the nickel falls as a head? ***The possibilities are nickel head, dime head; nickel head, dime tail; nickel tail, dime head; and nickel tail dime tail. The last one is ruled out so there are three possibilities and two of them have nickel head so the probability is $2/3$.***

3) Why are elephants so wrinkled? ***They are very difficult to iron.***

4) Why don't more elephants join the police force? ***1) They don't hide behind billboards very well; 2) They don't make very good plain-clothesman; 3) They don't look good in blue.***

Please send answers, questions, or comments to Alan at thermic72@sbcglobal.net



Please join us on W6SBA 224.38 minus offset and the PLat 192.8 hz 7:30pm on Thursdays. You can share any info or just say hello!

DXCC List



The ARRL Board of Directors approved a motion to amend the DXCC Rules, when it met January 19-20. Section II, Subsection 1 of the DXCC Rules now will include a new Subsection (d): The entity has a separate IARU member society and is included on the US State Department Independent States in the World.

"The discussion during the Board meeting and the rule change did not address any specific entity," ARRL Radiosport Manager Norm Fusaro, W3IZ, said. "The amendment could allow some additions to the current DXCC List of entities. It's a good thing not only for DXCC, but for all active hams."

Effective on January 21 at 0000 UTC, the Republic of Kosovo (Z6) was added to the DXCC List of current entities, increasing the total number of current DXCC entities to 340. Nothing is retroactive, Fusaro said. A new Logbook of The World (LoTW) TQSL configuration file (v.11.4) has been released to accommodate the addition. Kosovo's IARU member society SHRAK Headquarters station Z60A now is active on several bands with multiple guest operators, marking the 10th anniversary of Kosovo's independence in February 2008. ARRL Letter 1/25/2018

A single membership is \$ 20.00. Membership for two is \$30.00 (both have voting privileges) and family memberships for 3 or more are \$30.00 (only one member has voting privilege).

Please make checks payable to SBARC and mail to PO Box 536, Torrance, CA 90508-0536 . Checks preferred please.

Thank you. Joe, WB6MYD



Secretive "Numbers Stations" Persist on HF

For many years, unidentified radio broadcasts have been transmitting coded messages, using numbers, such as "6-7-9-2-6 or 5-6-9-9-0." Even



today, tuning across the HF spectrum typically will yield a "numbers station," a mechanical-sounding voice (male or female) methodically announcing groups of single-digit numbers for minutes on end. According to Radio World, you may have tuned into a spy agency's numbers station transmitting coded instructions to their minions worldwide.

Numbers station transmissions typically consist of a voice "reading out strings of seemingly random numbers," explained Lewis Bush, author of *Shadows of the State*, a new history of numbers stations. "These are sometimes accompanied by music, tones or other sound effects," he said. The Radio World article quotes Paul Beaumont, an associate editor of *Eye Spy Intelligence Magazine*, a publication dedicated to espionage and intelligence, "Voice (numbers) stations are known to be spy messages."

The article said that one of the best-known numbers stations was "The Lincolnshire Poacher," so called due to its use of "The Lincolnshire Poacher" folk song played on a pipe organ as an identifier. Radio amateurs used direction-finding equipment to pin down the station's eventual location to an RAF base on Cyprus, the article said.

ARRL member Chris Hays, AB6QK, on the west coast, said this week that he frequently hears a CW station on 7.163 MHz sending random alphanumeric characters, each group terminated by one or more question marks. ARRL Letter 1/25/2018

ARRL Board of Directors Agrees to Review of Conduct Code for Directors

Meeting January 19-20, the ARRL Board of Directors adopted a motion to review the entire code of conduct for Board members, known officially as the ARRL Policy on Board Governance and Conduct of Members of the Board of Directors and Vice Directors. ARRL Officers, Directors, and Vice Directors will review the code of conduct and complete a final draft version by mid-May for the July Board meeting.



(L-R) New ARRL CEO Barry Shelley, N1VXY; General Counsel Chris Imlay, W3KD; Radiosport Manager Norm Fusaro, W3IZ (seated at rear), Treasurer Rick Niswander, K7GM, and Second Vice President Brian Milesosky, N5ZGT. [Michelle Patnode photo]

In the same motion, the Board deleted and suspended, effective immediately, sections that were considered ambiguous and in conflict with the intent of the code of conduct requiring Board members to act in the best interest of the League's membership.

The Board also voted unanimously to amend a policy affecting candidates for ARRL elected offices, including Directors and Vice Directors. The new policy calls for candidates to be informed in writing at the outset of the nomination process that decisions of the Board's Ethics and Elections Committee concerning candidate eligibility will be made public unless the candidate requests otherwise. In addition, if the Ethics and Elections Committee rejects a candidate's petition, the candidate may ask that the reason(s) for rejection not be made public. Unless confidentiality is requested within 10 business days, the reason(s) for rejection may be made public. A proposed addition to the ARRL Articles of Association regarding the personal liability and indemnification of Directors will be reviewed by the Executive Committee, the General Counsel, and ARRL Connecticut corporate counsel. Proposed amendments to the ARRL Bylaws regarding Life Membership were referred to the Administration and Finance Committee for further consideration.

It was decided that if these or any additional changes are proposed, they will be made available to the membership and will be accompanied by explanatory "white papers" before the Board considers action on them. ARRL Letter 1/25/2018

Fox-1D Amateur Radio CubeSat Launches Successfully, Now Designated as AO-92

Right on schedule on January 12, the Indian Space Research Organisation (ISRO) Polar Satellite Launch Vehicle (PSLV) launched, taking AMSAT-NA's Fox-1D CubeSat and 30 other satellites on board toward a sun-synchronous orbit. By 27 minutes into the flight, confirmation came that all nanosatellites had been deployed. Fox-1D was in orbit!

"At about 0517 UTC, the satellite came to life, and its antennas deployed over the North Pole," AMSAT reported. "The AMSAT Engineering team and Amateur Radio operators worldwide were watching various WebSDRs for signs of life. Around 0525 UTC, the characteristic 'Fox tail' of the Fox-1 FM transmitter was seen on multiple WebSDRs. Fox-1D was alive!"



In addition to a Fox-1 U/V FM transponder, Fox-1D will carry several university experiments, including a MEMS gyro from Pennsylvania State University-Erie, a camera from Virginia Tech, and the University of Iowa's High Energy Radiation CubeSat Instrument (HERCI) radiation mapping experiment. This week the Virginia Tech experimental camera payload returned some very clear photos of our planet as seen from low-Earth orbit. The PSLV launcher also carried the French PicSat, which includes a V/U FM transponder. The satellite will not be available for general use until the on-orbit checkouts are complete. ARRL Letter 1/18/2018

A Message to Members from ARRL President Rick Roderick, K5UR

In the last few weeks, the ARRL's Board of Directors has been the subject of an organized misinformation campaign. It is being orchestrated by a group of hams, some of whom are well-intentioned but have been misled. This effort, which consists of a series of mis-characterizations, initially dealt with (1) the ARRL Board's censure of an ARRL Director, and (2) some proposed revisions to ARRL's Articles of Association and Bylaws that are likely to be considered at the upcoming ARRL Board meeting and which were circulated by a member of the Board. None of the proposed Article and Bylaw changes has yet been addressed by the Board of Directors. More recently, other equally erroneous and false statements have been made with respect to completely unrelated issues, in an effort to draw into question ARRL's decision-making processes. The principal suggestion is that ARRL operates under some "cloak of secrecy." The criticism is unfair and undeserved.

ARRL's representative system of governance, which has worked exceptionally well in the advocacy and promotion of Amateur Radio and the interests of ARRL members for more than 100 years, is unchanged. And the legislative and other advocacy positions currently being pursued are critical to the long-term survivability of the Amateur Radio Service.

The ARRL Board does seek thoughtful, informed input on policy issues concerning Amateur Radio from its roughly 150,000 members. ARRL's governance structure provides that regionally elected, volunteer Directors will represent the interests of the members in their respective Divisions, working collectively and collegially within our Board to make policy and to advocate their constituents' interests. ARRL's Board members hold cabinet meetings and forums at hamfests and conventions, and they staff ARRL booths at hamfests and conventions in order to find out what interests and concerns you have as ARRL members. They take this feedback from you, and they come to Board meetings twice a year to make policy for the organization. They work together collegially to develop the best policy decisions. This structure presumes that the Board's collective wisdom is far greater than that of any one Board member, and each Board member is obligated by our Articles and Bylaws to come to meetings with a good idea of what the members need and what is best for Amateur Radio as a whole.

As is the case with most large, national nonprofit associations, ARRL Board meetings are not open to the public. It has always been that way, as a matter of necessity. That is because, at all such meetings, confidential issues such as spectrum protection, employee compensation, financial information, and FCC submissions are candidly discussed, and the members' interests at those meetings are advocated by the Directors on a representative basis.

Unfortunately, it was necessary for the Board to take the highly unusual action of publicly censuring one of its members recently. The Board heard the allegations made by an ARRL member of what transpired at an Amateur Radio event; it heard reports from other amateurs who were there, and it heard all the information that the Director involved chose to present. Everyone had a chance to speak and to evaluate the presentations. The Board, in an 11 to 3 vote with one abstention, took action to protect the organization's integrity based on the information presented. This process and procedure are what nonprofit associations have to be prepared to employ, and do employ, to maintain order within their organizations and to ensure that the interests of the affected Director are protected as well. This is not a procedure that any nonprofit organization would conduct publicly. The ARRL Policy on Board Governance and Conduct of Members of the Board of Directors and Vice Directors has been drawn into question, probably as the result of the fact that the Board's censure decision was based upon a violation of that policy by the Director involved. The Policy is intended to protect the democratic decision-making processes by which ARRL has operated effectively for so long, and to set forth principles to guide an organization's decision making and the behavior of individual board members when acting on behalf of ARRL. When it was adopted by the Board a year ago, it was posted for ARRL members to read. The policy calls for honesty, integrity, transparency, confidentiality, and equity. The purpose of adopting such a statement formally is to provide employees, volunteers, and board members with guidelines for making ethical choices and to ensure that there is accountability for those choices.

When board members of a nonprofit adopt a code of ethics, they are expressing their commitment to ethical behavior. It is intended to protect the Board's deliberations and to protect the staff from inappropriate actions by Board members. It seeks to preclude precisely the type of selective disclosures and unilateral and subjective

CONTINUED ON NEXT PAGE

characterizations of proposed Board actions that have happened recently. There is nothing at all insidious about the policy, which is subject to regular review and modification, as are all other ARRL organizational documents.

As to the criticism of the proposed Articles and By-laws changes, the Board has not yet considered them. It may or may not adopt some or all of the changes recommended by its Executive Committee or by an individual Director. Any responsible Board of Directors regularly reviews, amends and updates its Articles and Bylaws. And ARRL member input is welcome on all such subjects. Indeed, the recommended Article and Bylaws changes were not considered to be Board confidential. The problem, however, is that it is not fair to members, or to the representative Directors who have yet to evaluate them collectively, to have the proposals mischaracterized or misrepresented.

ARRL Directors are volunteers. They are smart, dedicated radio amateurs who each devote thousands of hours per year of their own time to representing you as best they can. To those who try to suggest that the Board has abandoned its obligation to the members in favor of the organization -- you draw a distinction that doesn't exist. The Board absolutely understands that the members are the organization. The members of ARRL are always best served by an informed Board that works together to make policy that is in the best interests of the organization. The divisive tactics that are being used now, commenced through disinformation and a lack of candor, are harmful not only to the organization, but to Amateur Radio operators everywhere, the good work of the ARRL staff, and the Service that we love so much. ARRL Letter 1/18/2018

SPOT the INFORMATION

1. **Attendance drawing:** The attendance drawing was done as usual. Chuck-K6CSH was drawn and was present. So he received the kitty of \$ 20.00. Congratulations Chuck. Please stay tuned as to whether we will continue this or not, have to get approval from the Pres.
2. **New Member:** Carlos Diaz submitted his application for membership with us at the Jan 18 Gen meeting. Carlos has no license yet but is studying for it. Please welcome him and help in any way you can. Welcome to the South Bay ARC Carlos.
3. **Social lunches:** Those of us joining on the 2nd Saturday lunches at Hoff's Hut may have heard about the planned remodel of Hoff's Hut. Well nothing definite has been said or done. So please join us Saturday Feb 10th at noon time for a fun filled time. Social gatherings are good things.

4. **Members in good standing** for 2018 as follows:
Cliff KN6LH 3281944 Chuck KG6RPN 3281945 Kathleen KG6RPM 3281946 Michael K6KMP 3281947 Anthony KM6MBM 3281948 Edward KM6NIQ 3281949 Chuck K6CSH 3281950 John AE6LK 328151 Donna Wilson 3281952 Heidi KG0GGY 3281953 Gary WD9DUI 3281954 Bill AF7OO 3281955 Alex KD6LPA 3281956 Mark KA6ZTO 3291957 Glenda KF6QFE 3281958 Scott N6LEM 3281959 Bob KQ6WQ 3281960 Steve KI6GUY 3281961 Jim K6IVW 3281962 Darryl W6JII 3281963 Ed KN6JN 3281964 Patrick KD6PDG 3281965 Paul KK6BY 3281966 Bob W6QAM 3281967 Carlos Diaz 3281968 Bruce KK6BJ 3281969 Yoshio KE6ACH 3281970 Richard W6HYI 3281971 Jeremy KI6SUA 3281972 Jerry KI6RRD 3281973 Joe WB6MYD 3281974 Robert N6QA 3281975 Marjorie KG6HPR 3281976 Arthur WS6U 3281977 Craig WD6AKX 3281978 Mark KM6HQG 3281979

5. **WAM Contest:** Is headed up by Ed-KN6JN and is in full swing. In case you missed it-the rules are as follows: the first 2018 quarter (Jan, Feb, Mar) any contact with one of the SBARC members is one (1) point. That means any contact on any band, any mode including echo link. Logs have to be turned in to Ed-KN6JN before the April 19th, 2018 meeting (kn6jn@aol.com). This is the simplest of them all. 2nd Quarter will have other means to gather points in addition to any member contact like during the first quarter. As we continue with the 3rd Quarter other requirements will be provided for you to meet or pick up points. So to for the 4th quarter-point requirements we'll make it even more interesting. No dupes within any quarter. Purpose: promote radio activity with club members. Please join in the fun, keep track of your SBARC contacts for this quarter ending March 31, 2018. New rules for each quarter to follow, remember NO dupes.

6. **Web site:** Our South Bay ARC website is still somewhat under construction and making pretty good progress. Please check it out: www.w6sba.org Look at the calendar to keep updated on our activities and upcoming events. While you do not have to log in to see a number of things it would be nice to have you log in also. Make up the usual username and password as you would for any other website and you will be privy to all the club information. Heidi -WG0GGY would like your input as well. Thank you for joining us and thank you Heidi for the excellent work you're doing.

7. **Thank you:** We wish to thank Bill-WB6RM for his presentation at our Jan 18, 2018 meeting. Bill is a well accomplished intellectual property litigation lawyer as well as an Volunteer Counsel for the ARRL. Bill resides in Manhattan Beach and is therefore a lot more familiar with some of our problems here in our own area. Thank you for your great presentation.

8. **Swap meet:** The TRW swap meet is on Feb 24th. Stop by at our I-26 spot and say hello to the Swap meet gang. We now have Tom-KI6RC and Chuck-K6CSH and Bill-KQ6Z running shop for us. Thanks guys.

CALENDAR

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

Club Meeting - 3rd Thursday of the month
February 15, 2018- 7:30 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,
February 24, 2018, 7-11 a.m.

VE Session - Contact: Joe WB6MYD
Phone: (310) 328-0817
jmlanphen@gmail.com or w6sba@arrl.net
(All VE sessions are scheduled for Room 4 in the Health
Conference Center for 2018)

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

CLUB SERVICES

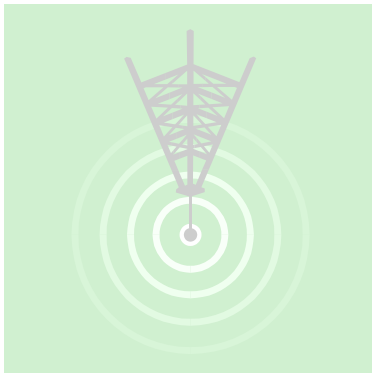
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Health & Welfare	Joe - WB6MYD
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South Bay Amateur Radio Club Repeater
224.38 MHz · PL - 192.8 Hz Offset -1.6 MHz
(See Calendar for Weekly Net Times)

NEWSLETTER SUBMISSION

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TO:



Address Correction Requested

A COMMUNITY SERVICE ORGANIZATION

W6SBA

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