



March 2016

ARCOver

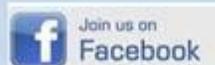
A Community Service Organization Dedicated to Amateur Radio Since 1970

In this issue:

- ◆ President's Message
- ◆ Speaker of the Month
- ◆ Quiz Column
- ◆ FCC Seeks Comments
- ◆ North America "RST" Stations on the Air
- ◆ Satellite Package Carrying Amateur Radio Payloads
- ◆ ARRL 2016 Field Day
- ◆ New Amateur Extra Question
- ◆ Armed Forces Day 2016
- ◆ Notes From Joe



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Hi everyone!

The rumors that you have heard regarding the closing of the TRW Swap Meet are premature. The latest information is that it will be open at least through the end of the year. I don't know how many of you are aware that the monthly event has turned into a social occasion for SBARC members and friends. To help this process, Chuck, K6CSH, and Tom, KI6RC, are bring extra chairs so that visitors can rest their weary feet. It's fun to visit the swap meet to see all of the stuff offered for sale and to meet and talk to the people wandering by the club's booth. After the meet closes, club members go out together for a late breakfast. Our booth also needs stuff to sell. If you have any electronic stuff that you want to sell, please bring it to one of the Council members and we will see that it gets to the meet. You will be charged a modest fee if we sell your item. This supports the cost of renting our monthly space at the swap meet. We also need volunteers to help out at the booth.

After requests from several of our members, we have decided to have a National Parks on the Air (NPOTA) club contest to run in parallel with the national contest being run by the ARRL. There will be a prize for the highest scoring club member. A full set of rules will be sent out soon but you can get started now. All QSOs made to or from a qualifying park made after February 29 will count so get started now. There are some qualifying locations rather close to home so check the ARRL rules to see what qualifies.

We are going to move ahead with a list of club "Elmers" or knowledge sources. We have come up with a list of subjects such as antennas and operating that we think is reasonable. We are going to send it to the members for possible additions and for you to volunteer to be an expert in one or more of the subject areas. We do not anticipate that anyone on the list will be inundated with questions so we do not think that this will be a time consuming job. This is an important service for our club members so do please look at the list and sign up for areas in which you have expertise. We are also looking at providing new tech class licensees in the club with a mentor to help them get started in the hobby.

We are proceeding with Morse code training if there are enough people interested. For details please check out my February message. We need someone to take over coffee duties for club meetings. If you are interested please contact me or Joe, WB6MYD. This month's meeting topic will on emergency services and will be given by several presenters including our Los Angeles Section Manager, David Greenhut, N6HD.

I'll see you there,
Alan

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The St Patrick's Day SBARC on Emergency Communication Preparedness will be a presentation about the various organizations training members for disasters. This interesting discussion will be brought to us by David Greenhut- N6HD who will discuss ARES, James Murakami- KI6UPL who will be presenting Toyota CERT, and Joe Lanphen- WB6MYD who will review DCS. Our speakers all bring a great breadth and depth of experience with these programs and will be discussing their various advantages and limitations from different aspects David Greenhut-N6HD ARRL Southwest Division Los Angeles Section Manager.

David first earned his Novice license WN6ICK while a junior in high school. He now holds an Amateur Extra class license. His amateur radio interests are DX, contesting and emergency communications. On occasion he mentors or teaches people to become new hams. In addition to all these activities he is an licensed pilot and outdoors man.

He has been ARRL's Los Angeles Section Manager since October 2009. The Los Angeles Section ARES Northwest District that he serves has grown from no members to 200 dedicated ARES members. It serves most of the major Los Angeles hospitals, LA County Dept. of Health and coordinates and cooperates with several agencies.

James Murakami-KI6UPL. Distinguished member of the South Bay ARC since 2009 James has held many positions including Activities Council member, Vice President and has represented the South Bay ARC as Delegate to the ARRL SW Div. Convention 2015 as well as delegate to the Los Angeles Area Council of Amateur Radio. He currently works for Toyota and is a member of their CERT Team where his interest in radio grew and made him decide to get licensed. He enjoys hiking and can be found cycling from here to San Diego and back, often with radio in hand..

Joseph (Joe) Lanphen-WB6MYD. Distinguished member of the South Bay ARC since 1972. Joe has held many positions with the South Bay ARC during these 44 years including President during 1975 and 1976 and was elected Secretary/ Treasurer in 1978 till present. While in that position has witnessed many ups and downs but always has maintained the positive attitude during all the trial and tribulations associated with any vibrant organization.

He is proud of his record as Secretary/ Treasurer, as



- 1) How can you add eight 8's to get 1000?
- 2) The circumference of the Earth is approximately 40,000 km. If we made a circle of wire around the globe, that is 10 meters longer than the circumference of the globe, could a man go under it?
- 3) Is it correct that seven and five is thirteen or seven and five are thirteen?
- 4) What has a head, a tail, is brown, and has no legs?

Answers to February's Quiz

- 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? ***Train B leaves 10 minutes after train A***
- 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?
If Fred's mother is 3 times older then she is 36. So, since Fred will be 20 in 8 years, his mother will be $36 + 8 = 44$.
- 3) Is an older one-hundred dollar bill worth more than a newer one?
A hundred dollar bill is always worth more than a one dollar bill.
- 4) What building has the most stories? ***A library.***

ARRL VEC Liaison and club equipment keeper and guardian to name a few. He holds an Amateur Extra class license and is trustee for the W6SBA club call as well as the 220 repeater. True to the amateur radio spirit is proud of his record of 42 years as member of the Los Angeles County Disaster Communication Services in which he has at present still holding the District Communication Officer position with the LA County Sheriff Station in Carson, still finding time to be a member of the Battleship Iowa Amateur Radio Association.

Hope to see you there!

FCC Seeks Comments on Petition to Grant Lifetime Amateur Radio Licenses

The FCC is seeking comments on a Petition for Rule Making (RM 11760) that asks the FCC to grant lifetime Amateur



Radio licenses. Mark F. Krotz, N7MK, of Mesa, Arizona, filed his request with the FCC last November. He wants the FCC to revise § 97.25 of its rules to indicate that Amateur Radio licenses are granted for the holder's lifetime, instead of for the current 10-year term. Krotz noted that the General Radiotelephone Operator License (GROL) already is issued on a lifetime basis, and he maintained that not having to renew licenses would lighten the FCC's workload.

"It would be mutually beneficial for the FCC and Amateur Radio operators to update Part 97 to grant operator licenses for lifetime," Krotz said in his filing. "The FCC would benefit by reducing administrative costs."

In 2014, the FCC granted lifetime credit for examination elements 3 and 4, but applicants seeking relicensing under that provision still must pass examination element 2. Individuals may submit comments via the FCC's Electronic Comment Filing System (ECFS). ARRL Letter, 2/25/2016

North American "RST" Stations on the Air Activity Set for February and March

The "RST" stations will take to the airwaves in February and March from several locations in Alaska, Yukon



Territory, Northwest Territories, and Nunavut, with members of the North Country DX Association (NCDXA) at the helm. All call signs will have "RST" suffixes: KL7RST, VY1RST, VE8RST, and VY0RST. The idea is to further promote Amateur Radio in that part of the world.

The event gets under way on February 15 at 0001 UTC, and it continues through March 27 at 2359 UTC. Exchange signal report and state/province. (The NCDXA RST stations will send town or city.)

All modes on 160 through 6 meters will be used, and SWLs are welcome to participate. The object is to work or log (SWL) as many NCDXA "RST" stations as you can from their different locations. Work/log each "RST" station only once per QTH/band and mode. Cross-band, cross-mode, or remote operating is permitted. ARRL Letter 2/2016

An Irish Blessing

May you always have...
 A sunbeam to warm you,
 Good luck to charm you,
 And a sheltering angel
 So nothing can harm you...
 Laughter
 to cheer you,
 Faithful friends
 near you,
 And whenever
 you pray,
 Heaven to hear you.



Satellite Package Carrying Amateur Radio Payloads Released into Orbit from ISS

A package of two satellites carrying Amateur Radio payloads has been deployed into orbit from the International Space Station (ISS) as part of a collaborative Texas A&M and University of Texas at Austin



AggieSat4 (AGS4), with Earth in the background, as it's deployed from the International Space Station. [NASA image]

research effort. Built by Texas A&M students, AggieSat4 (AGS4) will release UT's Bevo-2 CubeSat in about a month, once it is far enough away from the ISS. Both schools received support from NASA's Johnson Spaceflight Center (JSC) for the design, construction, testing, and launch phases.

The goal of the overarching LONESTAR (Low Earth Orbiting Navigation Experiment for Spacecraft Testing Autonomous Rendezvous and Docking) program is for the two satellites to individually rendezvous with each other and perform docking and undocking maneuvers.

"The overall objective is to find ways for small spacecraft to join together autonomously in space," Helen Reed, KD7GPX, professor of aerospace engineering and director of the AggieSat Lab at Texas A&M told NASA. "We need simple systems that will allow rendezvous and docking with little to no help from a human, which will become especially important as we venture farther out into space. Applications could include in-space assembly or reconfiguration of larger structures or systems as well as servicing and repair."

The AggieSat team received its first beacon signal from the satellite at its Texas A&M Riverside Campus ground station. The AggieSat4 team is asking any Amateur Radio operators receiving the beacon signal to send any data to the AGS4 team. AggieSat4 will transmit 9.6 kbps FSK telemetry and 153.6 kbps FSK on 436.250 MHz. Once it's placed into its own orbit, Bevo-2 will transmit on 437.325 on CW and 38.4 kbps FSK. ARRL Letter. 2/4/2016

ARRL 2016 Field Day Packet Now Available, New Bonus Point Categories Announced

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. Nearly 35,400 individuals took part in Field Day last year.

ARRL Letter, 2/4/2016



Students insert the Bevo-2 CubeSat into the AggieSat4 package. [Texas A&M photo by Dexter Becklund]



New Amateur Extra Question Pool Puts Greater Emphasis on Digital, SDRs, Propagation

The new Amateur Extra class license examination question pool, effective from July 1, 2016, through June 30, 2020, now is available at the National Conference of Volunteer Coordinators (NCVEC) website. The latest revision contains a few minor corrections that had been released in a February 5 errata of the initial January 8 release. NCVEC Question Pool Committee Chair Rol Anders, K3RA, said the new pool represents a fairly significant change relative to the current question pool, which expires on June 30.

“The primary change is modernization of the pool to place more emphasis on digital communications, digital test equipment, software defined radios, and propagation/space weather,” he said. “Also, a number of other topics were added, including questions on some additional antenna types commonly used by radio amateurs.” Anders said that room to cover the new topics was made in the question pool by dropping some questions that had been in the expiring pool.

“Many of the questions removed were on topics which were felt to be of less importance to the current amateur population,” he said.

“However, there was also some ‘evening out’ of difficulty in the removal of a number of questions felt to be inappropriately easy or difficult relative to the rest of the pool.” As a result, he said, the net number of questions grew from 700 to 712 questions.

ARRL Letter, 2//17/2016

Armed Forces Day 2016 Communication Test to Include Direct Military-Ham Contact on 60 Meters

This year’s Armed Forces Day Crossband Communication Test on Saturday, May 14, will include a significant new wrinkle: Select military stations will be using 60 meter

interoperability channels to communicate *directly* with Amateur Radio stations on the band. Back this year, select military stations will use crossband Automatic Link Establishment (2G ALE) communication as well as MIL-STD Serial PSK to send the Secretary of Defense Armed Forces Day message. Armed Forces Day 2016 is Saturday, May 21, but the radio event is held earlier to avoid conflicting with Dayton Hamvention, May 20-22.

The annual Armed Forces Day Communication Test is an opportunity to exercise two-way communication capability between Amateur Radio and military stations using a variety of modes, including SSB and CW as well as digital modes. The annual event gives participants — including shortwave listeners (SWLs) — an opportunity to demonstrate their technical skills, and to receive recognition from the appropriate military radio station.

QSL cards will be provided to all stations that make contact with the military stations. The Army, Air Force, Navy, Marine Corps, and Coast Guard cosponsor the joint military/Amateur Radio, with military stations transmitting on military frequencies and listening on Amateur Radio bands.

Amateur Radio stations and Short Wave Listeners interested in trying the MIL-STD Serial PSK mode can download the software program, *MS-DMT*.

Full details about this year’s Armed Forces Day radio activities — including stations, frequencies, times, and modes of operation — will be posted by April 12 as well as on the US Army MARS Facebook page.

ARRL dated 3/1/2016



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!



1. **Attendance drawing:** One of our old time members Bill-N6ES was the lucky winner for the February meeting. Unfortunately, Bill was not present. Therefore, the kitty will be increased by 5 dollars and so the March meeting Attendance drawing will be for \$ 25.00. Will you be the lucky one ????? Remember you must be present and a member in good standing (old or new of course).

2. **New members:** Yes those of you having paid your 2016 SBARC year are new members:
 Robert WB6RHF 551920 Craig WD6AKX 551921
 Ray WA6OWM 551922 Nancy NJ6S 551923 Bill
 N6ES 551924 Gary WD9DUI 551925 James
 KI6UPL 551926 Clyde WB6HLS 551927 Arthur
 WS6U 551928 MarjorieKG6HPR 551929 Jim
 W6JBN 551930 Mike KI6LJM 551931 Ken K6HRN
 551932 Howard KF6NOR 551933 Brian KI6ERR
 551934 Correction W6HYI 551919

Thank you so much for timely renewal. We do appreciate your continued support and look forward to working with you as always. While 59% our membership has renewed, we sure would like to see the remainder do so this month also. I'll be mailing out notices. Thank you all again.

3. **Thank you:** Alan's presentation at our February meeting was the best. While perhaps a bit early it never the less was appropriate to make us all aware of the finer points in doing each a project in preparation for the Nov DIY project month. If you missed the meeting, Alan presented the details needed to be successful with any project you might or will be working on in preparation for Nov DIY Show and Tell. So many kits are available to do from the very beginning to well who knows the limit!!! Thank you Alan for this excellent wake up call. We all need to stay up with the state of the art new items coming our way every day if not more.

4. **CW Practice or learning:** Yes this is the case. Several members have expressed the desire to become more efficient in CW. This of course is a very worthy thought since Field Day 2016 is coming up in 3 more months. You know how time flies. More details are being made available. Basically Ray-

WA6OWM is willing to work with those to practice on the air after each Thursday night net. No it is not on 220 but rather it will be on, well the band to be used has still to be determined. At this point we really need to know those of you wishing to become more efficient in CW. So please let us know if you want to participate. Those of you wanting to learn CW may join of course but it is recommended you at least know the basics say the alphabet for example. We also need to know if all of you able to get on the air of course. So please let us know ASAP.

5. **Medical issues and Loss of a family member:** First our condolences to the Marko family with the loss of Mr. Marko. He passed away after a short illness. 2nd. Ray underwent his 2nd knee operation and appears to be well on his way to recover at this time. He returned home Feb 26th. They sure make you get up and walk in the hurry. Wish him a speedy and successful recovery. We don't always hear about medical issues but when we do we like to share this with you in support from all of us. This time Alex will be undergoing surgery during the first week in March and will be recuperating shortly after that at home. Please support him in this difficult time and wish him a very successful and complete recovery. I would like to ask each and everyone to share these issues with us so we as a family can lend support.

6. **Meeting location:** We are trying to stay on top of this so when you read this again you now will know we moved. Yes we are still on TMMC for which we all are very grateful for the beautiful facility. Our meetings are in the "Health Conference Center" for the entire year. This is the building right next to the "West Tower" and enough signs point you in that direction. Time and date remains the same so just remember that as well. We hope you keep the Secretary updated on any changes you make with regards to your phone and or e mail address. We like to stay in touch with you. If you have done this thing for an organization in the past you know the blessing this internet is. By the same token, it has his downside as well since you don't have that personal contact. Do you get our notices which are just one click away for me? Do you get it and read it? I don't know. I do hope you would let me know if you did not of course.

Everyone on our data base gets at least one email each and every month. If you do not, well please let me know. Thank you so much, Joe-WB6MYD.



CALENDAR

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

Club Meeting - 3rd Thursday of the month
March 17, 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,
March 26, 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

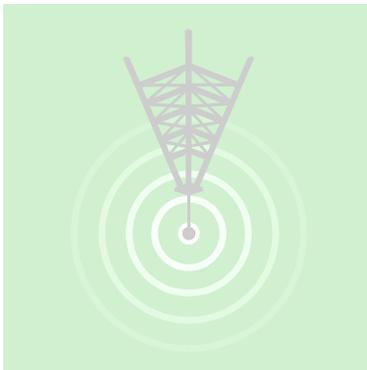
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Swap Meet Chair	Tom-KI6RC & Chuck-K6CSH
VE Test Liaison	Joe - WB6MYD
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South Bay Amateur Radio Club Repeater
224.38 MHz · PL - 192.8 Hz Offset -1.6 MHz
(See Calendar for Weekly Net Times)

NEWSLETTER SUBMISSION

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