

The Oscillator

The newsletter of The Associated Radio Amateurs of Long Beach W6RO / KE6LB

Volume LXXXIX, Issue 3 (ARALB is a 501(c)3 organization)

March 2016



March Program: Satellite Communications & Ham Radio

Patrick Stoddard (WD9EWK/VA7EWK) is Director of Field Operations and Area Coordinator for AMSAT. Between 2011 and 2013, Patrick was an alternate member of AMSAT's Board of Directors. After many years trying different aspects of amateur radio, Patrick began working amateur satellites in 2005. Since then, he has worked

stations via satellite in all 50 US states and 20 other countries from Arizona. Patrick has worked satellites from locations in all 15 Arizona counties, 18 other US



**Patrick Stoddard
(WD9EWK / VA7EWK)**

states plus Washington D.C., and 3 other countries (Australia, Canada, Mexico). Patrick obtained his initial amateur radio license in 1977, and now holds the top classes of li-

cense in the USA (Amateur Extra) and Canada (Basic, Advanced, and Morse qualifications). He is mostly active on satellites and also enjoys working HF, 6m, and other bands and modes. Professionally, Patrick is an I.T. systems administrator for an insurance company in the Phoenix area, with 20 years experience in the I.T. industry.

ARALB – Winter Field Day 2016

It was a crisp morning at McBride High School in East Long Beach as we gathered our gear and set up several stations for the contest. John Jacobson, KK6JBA hosted us and a great day was had by all.

The weather was good for January on Saturday, and rained on Sunday. We had 5 stations setup early on Saturday with Endaf KG6FIY on 2m,10 m, and packet,



Richard N6RU 15m phone,



Wyatt KK6RDY on 20m phone, Kelly W6KLY on 40m phone



Bob set up his Spider Beam in the grass area South of the buildings, and Wyatt also set up on the grass with his Buddipole set up for 20m voice. They both ran their cables towards the courtyard in the center of the campus where we had set up other stations.



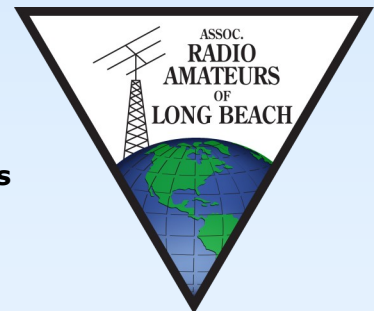
and Bob NC6Q 20 m CW.



I used the campus Comet Vertical that is on a 30' mast for 40m phone, and Endaf and Richard had their antenna's set up on the North grass area. Richard on 15m phone had an end fed wire dipole that he had on a flex pole mounted on the 2nd floor, and Endaf set up 2m, 10m and also vertical antennas for packet radio.

To learn more about the Spider-beam click [here](#).

To learn more about the Buddipole click [here](#).



This article continues on page 3.

To learn more about Winter Field Day
check out their website at:

<http://www.winterfieldday.com/index.html>

ARALB— Winter Field Day 2016, Cont'd

We were also joined by the McBride High school AREC team with:

John Jacobson KK6JBA,
Wyatt KK6RDY,
Devon KF6KEE
Ron KK6DWD,
Mike WA6SVX
Jeff AD6BV
Brandon KK6JWR
Ryker KK6ZRK
Joseph KK6KTE.

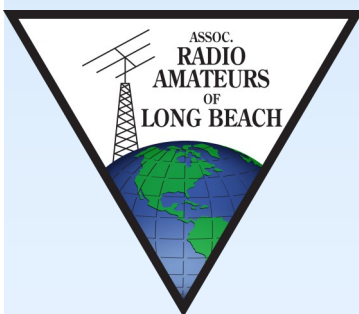
The kids worked 20m phone, and 2m/10m throughout the day. The weather was great and even at night was warmer than normal, but due to the band conditions, everyone decided to go home and start back up in the morning, then on Sunday..... The skies opened up and boy was there rain.

All in all the club scored more points than last year, and it was a good time had by all at our new regular club event Winter Field Day. The points were as follows; Total points - 2314, Multipliers - 13, CW

Contacts - 75, Phone Contacts - 101, Digital Contacts - 2. Add 2000 bonus points for setting up outside and 500 for contacting W8D the CW bonus station.

Kelly T. Howard
Vice President W6KLY

FYI - McBride HS AREC (K6MHS) meets on Thursday from 7:30 to 8:30 AM at the McBride High School Math Workroom, B 104



Your ARALB Ham University

I am often amazed by the spirit of the ARALB ham University team. When this adventure began I had no one to turn to for help. Little-by-little people started coming onboard, and every one of them has made great contributions to our efforts. Together, we have grown as a team.

In addition to growing, we have become known from Santa Monica to Riverside and from South Orange County to the San Fernando Valley. This took a lot of hard work on the part of every individual involved. While I am often given the credit, the real credit for our success really should go to all of the instructors who put a lot of their time and effort into this wonderful adventure to help people to become ham radio operators and to help hams to upgrade their licenses. We have a great team. Their efforts have made

a difference in hundreds of lives. Their efforts have added to positive impression of the ARALB created by our club station. Their drive and dedication to educating hams has benefited many people as well as the ARALB.

A leader of a group does not have to be the smartest person in the group. I am proof of that. A leader surrounds himself/herself with smarter people than the leader. The leader presents ideas, listens to the team, and decides accordingly. This is teamwork at its best. That is the key to the success of your ARALB Ham University. Without teamwork, without dedication, without drive, organizations fail.

Your ARALB Ham University has been blessed over the years by having some wonderful people with a desire to help other peo-

ple as well as one another. I have truly been blessed to have been associated with all of these exceptional people, and I hope our fantastic adventure continues to help hams for many years to come.

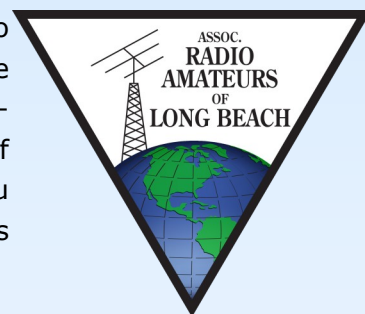
Your ARALB ham University positively reflects on all of us as a club. Seek out our various instructors, past and present, and thank them for their service to the club, because they really do make a difference. We all honestly believe that hams help hams.

You too can help to make a difference. We welcome anyone who wants to help hams to learn and agrees to teach in accordance with our proven techniques. Contact any of our instructors if you want to be a part of this great team.

By Bill Bradley,
WD6FON

Check out the ARALB Ham University web page at:

http://aralb.org/index_files/Page502.htm



ARALB Ham University Completes Amateur Extra Class



Front Row - left to right: Catherine Moreton, KK6VYX; Don Huseman, KD6UMC; Julie Potter, KG6FIA
Back Row - left to right: Raivo Parma, KK6RIE; Richard Pearce, KG6CD; Randy Branson, WB6NCT; Eric Boteilho, KK6IDX; John Blood, KK6RNH; Brian Silk, KK6HTA; Paul Geisel, KK6TAC; Robert Hartwig, N7RAH; Glen Hill, KK6PXA; Neil Hoffman, KJ6WXC

Your ARALB Ham University has completed our Amateur Extra class with a 100% pass rate...so far. Of our 16 students, 13 have taken the exam and passed it. The other 3 were not able to make it to the exam session. So, our hopes and wishes are for them to also have successful exams.

While 6 of our students are currently ARALB members, the other 10 students are from all parts of our Section. This was because this was the only Amateur Extra class in California at the time of our class.

As with all of our students, we are very proud of them, every one of them. While we provided the structure and the incentive, our students had to provide the hard work and diligence to be able to pass the most difficult exam in American Amateur Radio. So, we proudly congratulate each and every one of them and wish them the very best in their future endeavors as Amateur Extras.

I hope someone checks our club roster, because prior to this class, I believe the ARALB consisted of 46% Amateur Extras. Hopefully, this class put us over the top to reach 50%. That is an exceptional feat for any ham club.

A hearty congratulations goes out to each of our new Amateur Extras! A job well done! And congratulations to our teaching staff, who spent many hours preparing their classes and who all share one goal...to help others to achieve their goals in ham radio. And we were paid handsomely with all of those huge smiles on those happy faces.

73,
Bill Bradley, WD6FON



Contests



March 2016

5th - 6th [International DX- Phone](#)

April 2016

17th [Rookie Roundup – Phone](#)



June 2016

11th - 13th [June VHF](#)



June 2016

11th - 13th [June VHF](#)



18th [Kids Day](#)



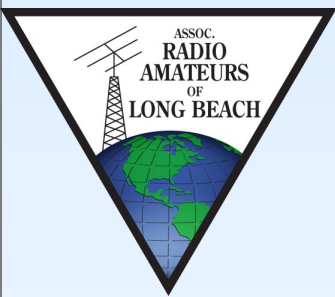
25th - 26th [Field Day](#)

Schedule of Events

Every Wednesday night is the
ARALB Club Net
8:00 p.m. 146.145 (+) PL 156.7

March 2 ARALB Net
March 4 Club Meeting
March 9 ARALB Net
March 16 ARALB Net
March 19 VE Test Session
March 19-20 Baker 2 Vegas
(This is the 32nd Baker 2
Vegas Challenge Cup Relay)
March 23 ARALB Net
March 28 Board Meeting

April 1 Club Meeting
April 6 ARALB Net
April 12 ARALB Net
April 16 VE Test Session
April 20 ARALB Net
April 25 Board Meeting
April 27 ARALB Net



March 2016

Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1	2 ARALB Net	3	4 Club Meeting	5
6	7	8	9 ARALB Net	10	11	12
13	14	15	16 ARALB Net	17	18	19 Testing
29	21	22	23 ARALB Net	24	25	26
27	28 Board Meeting	29	30	31		

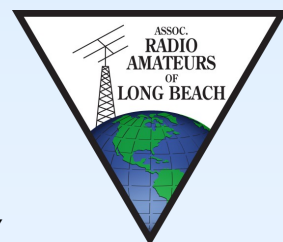
April 2016

Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1 Club Meeting	2
3	4	5	6 ARALB Net	7	8	9
10	11	12	13 ARALB Net	14	15	16 Testing
17	18	18	20 ARALB Net	21	22	23
24	25 Board Meeting	26	27 ARALB Net	28	29	30

Officers and Board of Directors for 2016

President	Endaf Buckley	KG6FIY
Vice President	Kelly T. Howard	W6KLY
Secretary	Carina Lister	KF6ZYY
Treasurer	Ken Lister	KG6TOC
Director	Richard Sherwood	N6RU
Director	Glen Hill	KK6PXA
Director	Becky Rustuen	KG6VSL
Director	Robert Hartwig	N7RAH
Director	Jeff Potter	KG6DKJ
Director	Julie Potter	KG6FIA
Oscillator	Kelly T. Howard	W6KLY
Volunteer Exam Coordinator	Steve Snider	KJ6FW
Membership Coordinator	Neil Hoffman	KJ6WXC
Club Station W6RO Manager	David Akins	N6HHR
Club Station W6RO Trustee	Lonnie Bingham	K6CBN
Secondary Club Call Sign KE6LB		
Trustee	Endaf Buckley	KG6FIY

Associated
 Radio
 Amateurs of
 Long Beach
 P.O. Box 7493
 Long Beach,
 CA. 90807-
 7493



You Can Operate From Signal Hill

If you live in Signal Hill, or even close to Signal Hill, there is a fully equipped radio room that needs your help.



The Signal Hill Police Department recently moved to its new headquarters which houses a radio room. Here is an opportunity for you to join a fine group and operate in a top flight shack with the call sign K6SHP.

Operators are members of the Signal Hill Community Volunteer Program. The hams operate from a fully equipped radio room that abuts the Emergency Operations Center. Equipment includes a Kenwood TM-D710 for 2M/440 and Yaesu FT-857D for HF. Each radio has its own power supply, and antennas are mounted on the roof with a clear view almost to Milpitas.

Did I say we get really

good simplex coverage? We need volunteers who can operate on a regular basis, especially on Tuesday evening at 6:30 and 7:00 to check in to the ARES Net and the Red Cross NA6RC Net, both on the K6CHE 2M repeater. We need a volunteer to check into the ARES Nets on Thursday at 6:30 and 7:15 on the K6CHE 440 repeater and on simplex.

How about signing up for Wednesday at 7:00 to check in to the ARES Net on the DARN System repeaters? How about setting up a schedule to contact an ARES operator on Catalina? Let's have someone participate in the Los Angeles Disaster Communications Service (LADCS) nets. Is HF more to your liking?

We need operators to participate in several emergency services HF nets. The Signal Hill

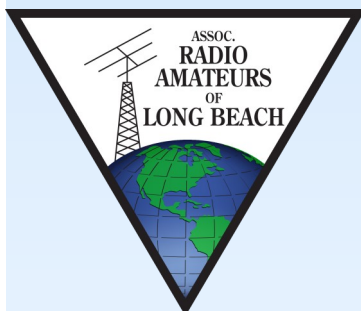
Police Department is interested in maintaining frequent communications with all emergency communications amateurs in the area.

How can you join?

You can apply if you agree to give some service each month, attend monthly volunteer meeting (dinner provided), and commit to one year of service. You'll have opportunities for non-radio work, much like the ARALB support of Signal Hill community events.

If this sounds like something to your liking, please send an email to Sergeant Nick Davenport, the volunteer coordinator, at ndavenport@signalhillpd.org. Or you can call him at (562) 989-7222 ext. 87. You can even walk into the police station at 2745 Walnut Ave., in Signal Hill.

By Carina Lister, KF6ZYY



Associated Radio Amateurs of Long Beach W6RO / KE6LB Weekly Net

QST QST QST. The time to catch up on email it to me at ARALB Club Net is club announcements W6KLY@arrl.net and I every Wednesday night and events before the can read them for you. at 8pm on the K6CHE next meeting. If you Kelly T. Howard W6KLY 2m repeater (146.145 have any bulletins let Vice President ARALB pl + 156.7) It's a good us know, or you can



VE SESSION

The Associated Radio Amateurs of Long Beach provides amateur radio testing for \$5.00 on the third Saturday of each month at 9:00 AM. The test location is at The Church Of Jesus Christ Of Latter Day Saints located at 3824 Woodruff Avenue in Long Beach. It is behind the Dental Building) . Click [here](#) for a map to the location and a picture of the facility.

Pre-registration is recommended through Louise Chapman (N6ELK), at 562-429-1355 or n6elk@aol.com. When you pre-register your GLAARG Form 605X will be ready to sign when you come in to test. Walk-in applicants are accepted to the sessions capacity.

On test day, bring a photo ID. If you are taking the Technician license test you will also need your Social Security Number. If you are upgrading to General or Amateur Extra you must bring a signed copy of current license, and a copy of each Certificate of Successful Completion of Examination element (CSCE) you wish to present for credit. A copy of your license and any CSCE is turned in with your Form 605X and your test answer sheet.

If any special accommodations are needed, you must register in advance to insure your needs can be met and the necessary staff is available to assist.

ARALB VEC In Charge

Steve Snider (KJ6FWQ) cell 562-290-2314 email kj6fwg@arrl.net

2016 Testing Dates

3-19

4-16

5-21



**AMATEUR
RADIO
TESTING
THE 3RD
SATURDAY
OF
EACH
MONTH**

The Trading Post

The following gear and items are from the station of Ed Ostroff, N1AJK.

Ed is no longer able to operate his station and is offering it all for sale.



1. **Icom IC-746 PRO Transceiver**, SN 0208292. 160-10M, 6M, 2M. Includes: S-125 AC Power Supply SN 0211595, HM-36 Hand Microphone, Instruction Manual with schematics, and wire-bound IC-746 Log Book. Very good condition. More info here: <http://www.universal-radio.com/catalog/hamhf/0074.html>

Asking \$1,000



2. **Icom IC-R75 Com-**

munications Receiver, Sn 0204015. 30kHz to 60MHz, AM/FM/SSB/CW. Includes AD-55A AC Power Supply. Excellent condition. More info here: <http://www.universal-radio.com/catalog/commrxvr/0175.html>

Asking \$425



3. **Icom IC-Q7A** Subcompact 2M/70cm Handheld Transceiver, SN 05742. Includes antenna, belt clip, soft case. Uses 2 AA batteries. Good condition. More info here:

<http://www.universal-radio.com/catalog/ht/2481.html>

Asking \$65



4. **Yaesu FT-11R** 2M Compact Handheld Transceiver, SN 3N061277. Includes original box, FNB-31 battery, belt clip, short antenna, 5/8 wave telescopic antenna. NO CHARGER. Fair condition. More info here:

<http://www.universal-radio.com/catalog/ht/FT11R.html>

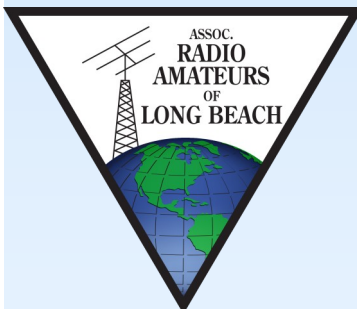
Asking \$45



5. **Yaesu VR-500** Handheld Communications Receiver, Sn 9H040855. 100kHz to 1300MHz, AM/FM/SSB/CW. Includes antenna, belt clip, wrist strap. Uses 2 AA batteries. More info here:

<http://www.universal-radio.com/catalog/widerxvr/0500.html>

This radio needs repair of the LCD and speaker connections. Make offer.



If you have items for sale please send the listings to:

Kelly T. Howard, at:
w6kly@arrl.net

We can place them in the newsletter and/or on the website. We are adding a new page titled The Trading Post.



6. Icom IC-R10 Handheld Communications Receiver. 500kHz to 1300MHz, AM/FM/SSB/CW. Includes antenna, belt clip, wrist strap, AC power supply (non-Icom). Uses 4 AA batteries. More info here:

<http://www.universal-radio.com/catalog/widerxvr/3550.html>

Batteries have leaked and corroded the battery compartment. The radio will not operate on batteries, but will run on AC power supply. Make offer



7. Vector VEC438 'The

The Trading Post, Cont'd

Weather Channel' StormTracker Radio. FM broadcast band/WX receive, WX SAME alert, LED flashlight. Runs on internal batteries, or hand crank power (AC power supply not included). Good condition. Asking \$15

8. Larsen LM-150 VHF Mobile Mag-Mount Antenna. 5/8 wave on 2M, 3/8x24 stud mount, round magnet base, 12' RG-58 cable. You will want to install a new PL-259 connector, otherwise good condition. Asking \$20

9. Larsen NMO-150 VHF Mobile Mag-Mount Antenna. Identical to the above, except having an NMO mount. Good condition. Asking \$25

10. Misc. items:
Icom MB-105 - Mounting bracket for IC-7000 control head - NIB \$10

Icom OPC-1443 - Remote mount cable for IC-7000 transceiver - NIB \$30

Icom MB-62 - Mounting bracket for IC-706 series transceiver - NIB \$20

All items are subject to prior sale.

Contact David Akins, N6HHR, to inquire or purchase.

n6hhr@arrl.net, or 714-269-6647



Editors Notes

What a Godzilla of an El Ninyo that has brought us such wonderful weather for the month of February 2016, and yet another year of not so great band conditions for 'winter' months. As the bands can fluctuate greatly

don't forget about all of the other modes available. PSK31, JT65 and JT9, CW, RTTY, and other digital modes can often be operated in with very low power of just 5 - 20 watts, even when band conditions are fair to poor. And

let's not forget satellite communications. It's a great way to stay on the air. I hope you are enjoying the new website, and as always I welcome your comments.

Kelly T. Howard
W6KLY Vice President



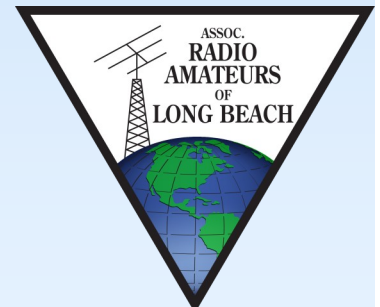
Become a Crew Member of W6RO Aboard The Queen Mary

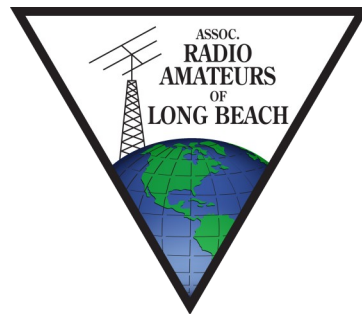
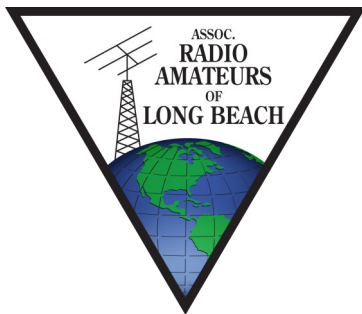
Join The Fun and Be Part of History

Associated Radio Amateurs of Long Beach W6RO Aboard the Queen Mary. Join the fun. Become a W6RO Crew Member and do ham radio from the world famous Nate Brightman Wireless Room aboard the

Queen Mary! We have crew members from all over Southern California. We especially need more experienced hams to help bring the newer licensees up to par. All we ask is a commitment to one

regularly calendared four-hour shift each month. To learn more about this opportunity, please contact the W6RO Manager David Akins (N6HHR), at n6hhr@arri.net





MEMBERSHIP APPLICATION

Associated Radio Amateurs
of Long Beach
P.O. Box 7493 Long Beach, CA.
90807-7493

Dues are good for annual calendar year membership (January 1st through December 31st). Membership applications submitted from October through December will be applied toward the following years dues, unless specified otherwise. You will receive an electronic copy of our monthly newsletter, The Oscillator, with your paid membership.

Membership Type: New Membership Renewal Membership

Dues Paid: Regular (\$25) Family (Add \$5 per add'l member) Senior)\$20, 62+)

Membership Badge (An additional \$18. Includes your name and call sign)

Primary Member: _____ Call Sign: _____ License: _____

Family Member: _____ Call Sign: _____ License: _____

Family Member: _____ Call Sign: _____ License: _____

Family Member: _____ Call Sign: _____ License: _____

Family Member: _____ Call Sign: _____ License: _____

Mailing Address: _____ Phone: _____

Cell Phone: _____ Email Address: _____

<i>Affiliations:</i>
<input type="checkbox"/> ARRL Member
<input type="checkbox"/> ARES/RACES
<input type="checkbox"/> MARS
<input type="checkbox"/> SATERN
<input type="checkbox"/> VE

<input type="checkbox"/> AMSAT

<i>Interests:</i>	
<input type="checkbox"/> HF	<input type="checkbox"/> Field Day
<input type="checkbox"/> VHF/UHF	<input type="checkbox"/> EmComm
<input type="checkbox"/> Digital	<input type="checkbox"/> Youth Programs
<input type="checkbox"/> TV	<input type="checkbox"/> Project Kits
<input type="checkbox"/> Microwave	<input type="checkbox"/> Vintage Radio
<input type="checkbox"/> Contesting	<input type="checkbox"/> W6RO Operator
<input type="checkbox"/> Public Service	<input type="checkbox"/> Other:

FOR OFFICIAL USE ONLY

Received By: Date: _____

Paid By: Cash Check Check #: _____

Processed by: Treasurer: _____ Membership Updated: _____ Data-
base Updated: _____