



Ham Shack

A PUBLICATION OF THE RIO HONDO AMATEUR RADIO CLUB

Founded March 8, 1976 By WA6GEV & WA6WFC

President's Message

Spring has sprung! Spring is traditionally a time when hams think about antennas, whether it be repair, replace or add. As experienced hams know, your antenna will make or break your station. A bargain radio with a good antenna beats a good radio with a bargain antenna any day. Perhaps you are considering changes to your antenna system. We would be happy to discuss it with you at our monthly mentor session.

Spring, especially this Spring, does not look good as far as fires are concerned and it will only get worse. I am sure you all have heard the warnings about brush clearance which may not be a problem for city folks but everyone should be concerned over how far embers can travel. Be prepared, but also consider your willingness to be involved in using your skills and equipment in community service. That's what hams do.

We are expecting an interesting and informative presentation this month. Please see the details in this issue. And finally, it is not too early to be thinking about Field Day, a little more than a month away. The consensus among those who attended last year is that it was a positive experience, and we are looking at an even better one this year. I hope most of you can participate.

73, Rick WM6M

Join the Rio Hondo ARC Net every Wednesday evening at 8 PM on any of our Repeaters: at 146.175 MHz (+), PL 156.7 Hz; at 223.94 MHz (-), PL 100 Hz; or at 445.560 MHz(-), PL 100 Hz. All Hams are invited!

Important Dates

May

3rd RHARC NET
8th RHARC Meeting
15390 Lambert RD.,
Whittier CA 90604

10th RHARC NET

17th RHARC NET

24th RHARC NET

29th Memorial Day /
RHARC BOARD
Meeting 7PM @ 11139

Washington Blvd.

Whittier, CA 90606

31th RHARC NET

June

7th RHARC NET

12th RHARC Meeting

14th RHARC NET

21st RHARC NET

24th-25th Field Day @

Whittier City Hall

24th RHARC NET

26th BOARD Meeting

28th RHARC NET

2017 RHARC BOARD OF DIRECTORS

Rick Norton (WM6M)
President

Josh Henderson (K6PNP)
Vice-President

Tom Calderwood (AA6TC) *Secretary*

Clay Camero (K6VCM)
Treasurer

**Paul In (KI6EL),
John Johnson (KM6EXO)**
Board Members

Dave Haring (K6CJZ)
Past-President

Dino Darling (KX6D)
Club Trustee

**Joe Provenza (W6UPN),
Dino Darling (KX6D)**
Repeater Committee

Board Meetings are held at IHOP on the last Monday of the month at the IHOP Restaurant on Washington Blvd in the Santa Fe Springs Market Place Shopping Center, at 7:00 PM.

Ham Shack is published monthly. Advertisements are welcomed.

HamShack's are brought to you by
Donald Ocampo (KJ6RXV)
Ret. Secretary

Our May presentation, will be brought to us Jim Crabtree, a Disaster Training Specialist.

Because of the ability for wireless messages to get through when daily infrastructure has been damaged, radio operators seem to all have an interest in disasters but how much do you know about preparedness? The paradigm that is commonly used for preparedness is based on survivalism, not living and rebuilding in the actual conditions that are seen after a disaster. Technological changes in the 21st century have changed what people need to do to be prepared but many published lists are unfortunately based on obsolete 20th century ideas.

At our May meeting Jim will be presenting "Paradigms of Preparedness", a thought provoking class that explores things that should be done to prepare for a disaster and debunking the things that are worthless. Example: Do you know the one thing that actually determines who lives and who dies in a disaster? What is the one thing that you can do to survive any disaster? Come to our May meeting and find out.

Jim Crabtree, RN, BSN, MICN began his career as a trauma nurse in the Emergency department at Martin Luther King hospital in Watts, California during the cocaine wars of the 1980s. For the next decade he taught at Los Angeles County's Paramedic Training Institute developing many new curricula. A member of Disaster Medical Assistance Team CA-9 he has responded into disaster areas providing medical aid. Since 1996 through his position at the Los Angeles County EMS Agency, he has been involved in researching and teaching hospital staff, EMTs, Paramedics and firefighters medical responses to all types of disaster and terrorism events. He developed a practical curriculum and tabletop exercises for teaching Hospital Incident Command System (HICS) to medical professionals that results in a true understanding of this important process. He has taught at emergency care and disaster conferences throughout the United States as well as Tallinn Estonia and Mumbai India. Jim has published articles in the medical literature on topics as diverse as Terrorism, Disasters, Geriatrics and the History of Emergency Medicine.

HAPPY BIRTHDAY TO OUR MEMBERS BORN IN THE MONTH OF MAY

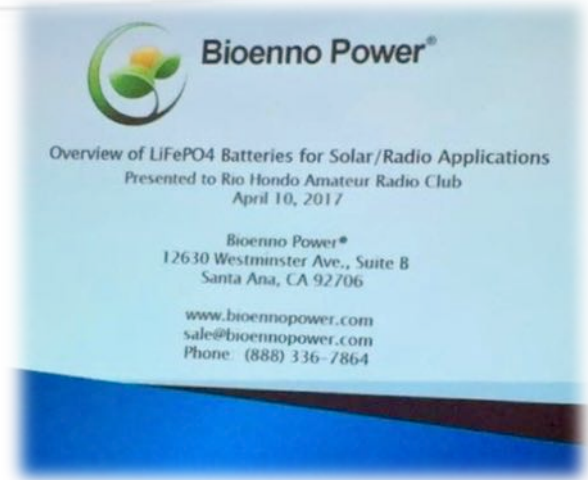


- 5/10~Eileen Stephen (KA6KDN)
- 5/14~Donald Ocampo (KJ6RXV)
- 5/15~Henry Marquez (WA6HXA)
- 5/16~Dick Palmer (WB6JDH)
- 5/29~ Dlyan-Diego (KM6EXU)



Highlights: Bioenno presentation

- 17.67 Rick Norton, WM6M, called the meeting to order at 6:58 pm.
- 17.68 **Officers Present:** Rick Norton WM6M President, Josh Henderson K6PNP V.P., Tom Calderwood AA6TC Secretary, Dave Haring K6CJZ Past President, John Johnson KM6EXO Board Member at Large, Paul In KI6EL, Board Member at Large



17.69 Members introduced themselves

17.70 Officers Presentations

17.70.1 President Report

- 17.70.1.1 Reminder to renew membership in the RHARC
- 17.70.1.2 Reminder to renew membership in the ARRL

17.70.2 VP Report

- 17.70.2.1 Future programs – General class was a success with 3 out of 3 students passing the General test. Congratulations!
- 17.70.2.2 Meeting in May – Special speaker dealing with disaster preparedness.
- 17.70.2.3 Meeting in June – Field Day prep

17.70.3 Secretary Report

17.70.3.1 Meeting Minutes Approval Motion:

17.70.3.2 Less than half of the members who show up for the monthly meeting read the minutes. Tom moves to delegate approval of meeting minutes to the board. David Seconds

17.70.3.3 Discussion: General objection is to have the board members approve board, members approve general.

17.70.3.4 Vote was 12-7. Motion passed.

Advantages of LiFePO4 Batteries

	Bioenno Power LiFePO4	Sealed Lead Acid
Safety	Inherently Safe as a result of strong chemical bonds and non-toxic	Sulfating, Venting, Leaking, Lead is toxic
Weight	50% to 60% lighter compared to SLA batteries	Heavy!
Life Cycles	>2000+ Cycles	< 200 to 300
Protection Circuitry	Built-in and advanced protection circuit module (PCM) and battery management system (BMS) Prevents overcurrent, overdischarge, undervoltage/ overvoltage, thermal	No protection - Can easily overdischarge SLA batteries, or overcharge them
Capacity	Get nearly 100% of the full capacity out of the battery	Can only discharge 50% of its written capacity!

17.70.4 Treasurer Report

17.70.4.1 Not present – still recovering from surgery and unexpected complications

17.71 Committee Reports and Announcements

17.71.1 Classes (Josh):

17.71.1.1 Workshop class: The presentation needs to be modified. 12 people attended. 2 bought new radios. In general, it was a very busy class with enthusiastic students.

17.71.1.2 Next Technician class – 1st weekend of June.

17.71.1.3 Other Tech class, and maybe another General class still to be announced.

17.71.2 **Repeater** (Dino):

17.71.2.1 No further info on repeater/equipment.

17.71.3 **LA Area Council Meeting Report** (Dino):

17.71.3.1 Lots of absentees. The chairman and representative from ARRL were not present. No real changes in what was previously discussed pertaining issues within the ARRL.

17.71.3.2 Queen Mary (ARALB) is looking for volunteers. Don't need to be a member of ARALB to participate.

17.71.4 **Public Service** (Dave)

17.71.4.1 Shelters Right Hand 5k Walk coming up on April 22nd. Sign in sheet was at the meeting.

17.71.5 **Membership** (Paul)

17.71.5.1 Membership Roster has been updated.

17.71.5.2 Checking the membership applications for whomever ordered badges.

17.71.6 **Hospitality** (James KM6GOK and Lucinda KM6EXM)

17.71.6.1 Feed the kitty if you use it. Still adjusting the goodies being served.

17.71.7 **Mentor team** (Dave and Rick)

17.71.7.1 If you have questions on anything amateur radio question, come to the general meeting from 6-7 pm.

17.72 Bioenno: Had a presentation from Mr. Kevin Zanjani – Manager at Bioenno Tech, LLC about new LiFoPO4 battery technology.

17.72.1 <https://www.bioennopower.com> There is a 15% off with discount code for the group.

17.73 Meeting was closed at 8:43 p.m.

Minutes respectfully submitted by Tom Calderwood



What can kill a club faster than any other thing? Lack of participation! If you would like to see your club continue to thrive and grow, participate. That being said a few practical rules are in order.

- First: Determine that you want to participate in an activity.
- Second: Determine that you are available on the activity date(s).
- Third: Sign up for the activity.
- Fourth: Make SURE you are at the activity.

There is nothing more disappointing to an activity planner than to have many people sign up and then the activity date comes and half the people don't show up. In the case of a public service event this is a death blow. An activity planner does not like to tell someone that he can have 20 people to help and then have only half that number show up. That puts an incredible strain on the logistics of an event. It may also put people in danger. It also puts the club in a negative light.

So, if you want to make sure the club stays a vibrant and active club, Participate every chance you get.

Dave K6CJZ Past President

For Sale:

Icom ID-880H compact dual band 50 Watt mobile, FM and D-STAR, with programming cable, missing power cord \$200. Please Contact Rick Norton (WM6M) at Rick@Norton.com



The club is selling Anderson Power Poles a bag of 10 for \$10. We also have the crimp tool to install them that will be loaned to those who buy the Power Poles. Those who are interested can get a hold of me through e-mail phone or clubs repeater.

73,
Josh (K6PNP) V.P.

RHARC Board Meeting IHOP Restaurant April 24th, 2017

Highlights: W6KAT call sign info. Membership suggestion box.

- 17.74** Rick called the meeting to order at 7:02 p.m.
- 17.75** **Present:** Rick Norton WM6M President, Josh Henderson K6PNP Vice President, Tom Calderwood AA6TC Secretary, Dave Haring K6CJZ Past President, Paul In KI6EL Board Member at Large, John Johnson KM6EXO Board Member at Large, James Halley KM6GOK, Lucinda Halley KM6EXM, Dino Darling KX6D, Donald Ocampo KJ6RXV
- 17.76** **President Report:** Nothing to report
- 17.77** **VP Report:**
- 17.77.1 May meeting speaker set for a talk on disaster training.
- 17.77.2 June Technician class on schedule
- 17.77.3 Field day on June 24-25
- 17.77.4 August meeting will be the RHARC picnic
- 17.77.5 Angeles Crest 100 mile run in August. Still need to coordinate and find out what is necessary to participate.
- 17.77.6 September: ARRL Southwestern Division Convention HAMCON at the Torrance Marriot Redondo Beach Hotel on Sept 15-17, 2017
- 17.77.7 In June, short talk on NTS
- 17.77.8 NBEMS talk TBA
- 17.77.9 A couple of years ago, club purchased a large bag of power poles to sell to club. Bag of 10 30 amp connectors each. Was some discussion on this, determined that the VP was in charge of assets. These will be made available to sell to the club membership.
- 17.78** **Secretary Report:** Nothing to report. General meeting minutes are not complete. Will distribute these via email to the board.
- 17.79** **Treasurer's report**
- 17.79.1 Clay continues to have medical issues that greatly impacts his life. Rick interfaces with him about verbal update for minutes and backs up his duties to the club.
- 17.79.2 Trying to get current on bills to pay.
- 17.79.3 Recent bank balance: As of last receipt: \$2274.28
- 17.79.4 Savings: \$2233.94
- 17.79.5 P.O. Box paid for the year: \$134. Box transferred from William Leslie to Rick Norton.
- 17.79.6 There are a couple of more checks to write, Rick will take care of that.
- 17.79.7 Motion to purchase a General and Tech manual from AARL. For a limited time, they

include the instructor manual for free. Came to \$49.43. Paul so moved, Josh seconded. Approved unanimous.

- 17.79.8 In November board meeting, authorized Rick to take remaining KAT assets to HRO and sell on consignment. Took 2 amps, Heath monitor and scope. They took the amp, tuner and scope. Sold the amp, not sure of the amount – we will know when we get the check.

17.80 Committee Reports

17.80.1 Classes: (Josh)

17.80.1.1 Technician class/testing will be in June.

17.80.1.2 Practical workshop was generally successful. Will implement the next one 2 weeks after next technician class.

17.80.1.3 Approximately two weeks following that, have a General class and license exam. Waiting on room date confirmation for reservations.

17.80.1.4 First general class was successful – 100% (3 passed).

17.80.2 Repeater/Equipment: (Dino)

17.80.2.1 No progress at this time other than purchase of 2nd interface.

17.80.2.2 Dino and Josh went up on the hill to take a couple of quick measurements for room for a cabinet. Found that the Red Cross is no longer using resources in the building. There is one city cabinet, one for internet linking in Whittier, and the RHARC repeaters.

17.80.2.3 Wants to schedule a repeater work day, rip everything out, mount 2 new racks with anchors to the floor.

17.80.2.4 On May 6th (Saturday) will swap out the 440 repeater.

17.80.2.5 L.A. Area Council – every other month, no meeting.

17.80.3 Events: (Dave)

17.80.3.1 Shelter's Right Hand – There were 4 no-shows but we were able to cover the event.

17.80.3.2 Made extensive use of the Yaesu cameras via System Fusion.

17.80.3.3 Potential new addition – Founder's Day on Saturday the 6th. We would set up a table and hand out info. Would need class flyers and trifold, and club history sheet.

17.80.3.4 Whittier Walk-n-Roll on July 16th. Dave will get more info about the event in the very near future. We will be providing route communications coverage.

17.80.3.5 Rick: Quarterly Whittier City Emergency Preparedness team does a quarterly

conference with all parties. Hams are asked to talk about communications at the May meeting. Will emphasize a uniform understanding of communications among ham operators.

17.80.4 **Newsletter:** (Donald)

17.80.4.1 Feedback from the board: Looked good!

17.80.4.2 Rick requests the board to come up with a list of boiler plate info that every newsletter includes.

17.80.5 **Membership:** (Paul)

17.80.5.1 As long as he gets an application for membership, it will be put into the roster and updated to board members.

17.80.6 **Weekly Net:** (Rick)

17.80.6.1 Wants to change the net procedures to make calls to members that are reasonably anticipated to answer. Looking to “degraduate” people who don’t check for 4 weeks or more on 2m net. Also, stations who do not check in on 2m on a give night will not automatically called on the digital net in the interest of saving time.

17.80.7 **Hospitality:** (Jim and Lucinda)

17.80.7.1 Keeping receipts in a safe place. Was saving them until Clay comes back. Feedback from the board is to turn in the receipts now, don’t wait.

17.80.7.2 Working on banking procedures.

17.80.7.3 Operating in the black.

17.80.8 **Mentor team:** (Dave, Rick)

17.80.8.1 In the New Hams Workshop, there was not enough time to get to the hands-on part of it. Will be working over the class to make time for this.

17.80.8.2 It was suggested that after a Technician class that we continue with a theory session after testing so that in the workshop there will be more hands-on time. Concern from the board is that people are burned out by the time the test is done. Still more thought on this to be done.

17.81 **Old Business:**

17.81.1 **W6KAT application:** (Rick)

17.81.1.1 This process has been convoluted at best to get this transferred. Rick has been following through with this.

17.81.1.2 Club has applied a new additional call sign. Once we get the W6KAT call sign secured, we can make change it as a vanity with the W6KAT call sign.

17.81.1.3 Once this process is set, make the Whittier EOC the W6GNS call sign and the repeater as W6KAT.

17.81.1.4 Anticipate the W6KAT call sign to be transferred within 4 weeks.

17.82 New Business

17.82.1 Josh was asked by a member to bring up to the board meeting to have a suggestion box by the coffee/donuts for different things that may not want to mention out loud. These would be discussed at the end of the General Meeting.

17.82.1.1 Good idea, won't hurt anything, but will make a long meeting longer. Suggest to collect them and present them at the next meeting.

17.82.1.2 Suggestion that they are not anonymous.

17.82.1.3 Josh moves that the club to have a suggestion box for the general club meeting to be reviewed by the board prior to the following general meeting. John 2nds. 3 ayes, 1 oppose, 1 abstain.

17.83 Tom moves to adjourn the meeting. Passed unanimous. Meeting adjourned at 9:02 p.m.

Minutes respectfully submitted by Tom Calderwood

Hello to all of our members who attended the April club meeting.

As you remember Kevin from Bioenno Power mentioned he will be giving us a 15% discount of any purchase of their product. Kevin has sent the discount code for our club. The discount code is: "RIOHONDO" <https://www.bioennopower.com>. Customers can enter the code into the checkout screen, which will provide 15% discount.

I hope everyone had a good time and learned as much as I did.
73, Josh, K6PNP V.P.



RIO HONDO AMATEUR RADIO CLUB
P. O. BOX 1781 WHITTIER, CA 90609

