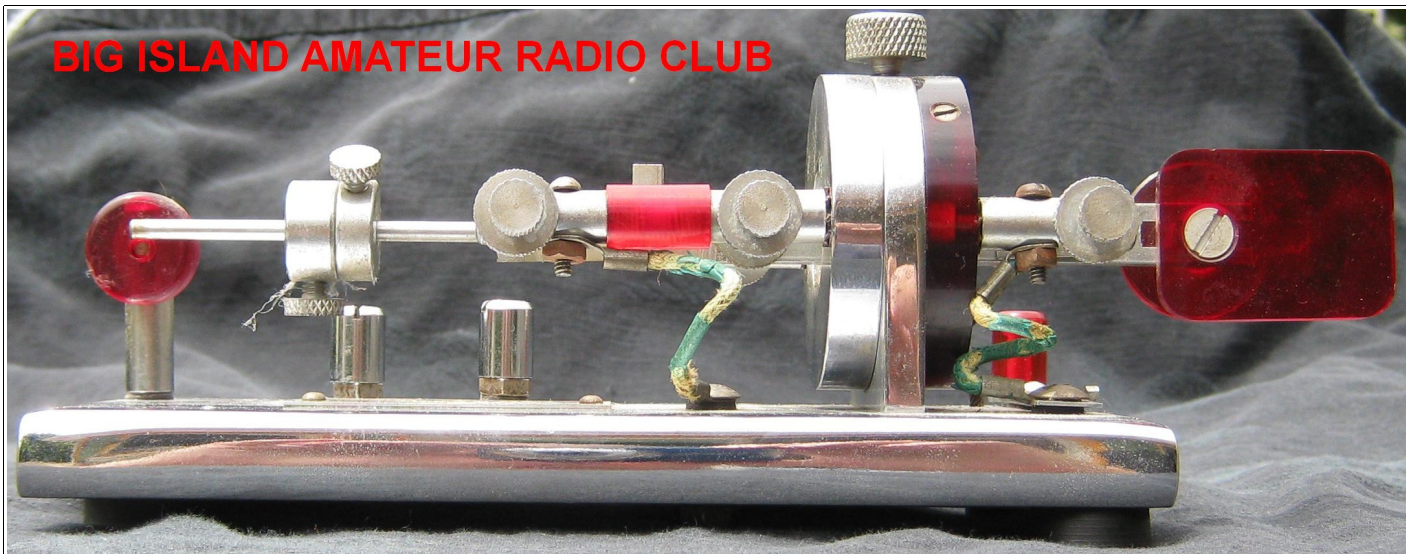


## BIG ISLAND AMATEUR RADIO CLUB



## December 2013 Newsletter

### President's Message

This is my last President's message. I would like to thank all who have helped me over the years. Richard and I joined BIARC 12 years ago and I have held an office almost every year (Six of those as president I believe). It was quite a learning experience as I was a brand new ham operator with no experience at all. Over these past years I have had many hams help me find my way. I will be a director the next two years and continue to manage the KH6 Hawaii QSL Bureau for the club. Does it seem possible that we took over the Bureau five years ago? In that time we have handled over 150,000 cards.

Most of you have heard of barn raising parties especially by the Amish on the mainland. Well, on Saturday, we had an antenna raising party at our house. When Richard and I were in New Zealand in February and March



our friends discovered our Hex beam was hanging by the Coax. They got a cherry picker in to get it down on the ground where it has been sitting all year. With the help of John KH6DLK, Mike AE5LR, Rick WH6LU, Greg WH7FC, Tom KH7LJ and Richard AH7G the antenna is now up and operating again. Most of the men stayed for a chili lunch after the work was done. Thank you all for your help.

Our Christmas dinner is coming up on December 14 at 2PM at the Keaau Community Hall. The club will pay for the turkeys and ham and will provide the dinnerware and drinks. It will be potluck. I have asked Jean WH7WT to help coordinate the affair. If you would like to contact her about what to bring, or offers of help, please call her at 965-6471.

Any ideas for entertainment would be appreciated too. In the past we have had a string quartet playing Christmas music, a magician and the Christmas

Grandmas doing hula.

As you'll see in the secretary's minutes, we had our election of officers at our last meeting. I am pleased with the new slate of officers and trust that they will all do a good job for the club. They will be sworn in to office at the Christmas dinner. I hope to see many of you at the dinner.

You will notice that Leigh WH6DZX is taking over the Newsletter as of this month. I would personally like to thank Curt AH6RE for the outstanding job he has done not only on the newsletter but also the web site which he has agreed to continue taking care of. Richard AH7G has agreed to continue printing the newsletter for the 6 or 7 hams who don't have E mail access.

We have decided to hold off on ordering tee shirts as we have only received orders for 18 shirts and we needed 36. We'll try again in 2014.

Richard and I would like to wish you all a Very Merry Christmas and a Happy Healthy New Year.

*73 and 88, Barbara, NH7FY,  
and Richard, AH7G*

## Silent Keys

We are very sorry to report the passing of two veteran members of Hawaii's ham community.

Masaichi (Masa) Chinen, KH6UO, of Hilo passed away Sept. 26 at age 95. He was a long-time member and supporter of the Big Island Amateur Radio Club. He retired from the County of Hawaii Wastewater Division.

Dr. Frederick M.K. Lam, KH6GG, died in early November at home in Honolulu at age 90. The Oahu physician was a pioneer repeater operator in Honolulu. He worked with several crews over the years in putting in the state's first repeater on Diamond Head, and then one on Haleakala. The Maui repeater was the first step in building the first statewide system. "Doc Lam," as he was known, was very active in the Honolulu ARC and Emergency ARC in the mid 1960s and '70s. It is largely through his efforts that we have a repeater system in Hawaii today. His 40-meter Cubical Quad antenna was a landmark in Manoa Valley. Bill Hillendahl, KH6GJV, San Francisco SM, remembers him as a mentor to many people and frequently visited his home. --*ARRL Pacific Section/Section Manager Robert Schneider, AH6J*

## Summits On The Air

Aloha. Handle here is Allen (KH7AL). As we know, there are so many avenues to explore with the hobby of HAM radio. I have recently found my niche with Summits On The Air (SOTA). SOTA for the Hawaiian Islands started officially on Sept. 1. If you are not familiar, SOTA is an international radio sport program which encourages ham radio operation in mountain areas.

I would like to ask your club if there is anyone interested in become a Regional Manager for the Big Island under the SOTA program? At a minimum I am looking for fellow hams who also like to hike, to expand SOTA for local hams.

The Association Reference Manual for KH6 details the general rules, and lists the summits (9 on Hawaii) that are eligible for hikers and chasers to gain points under the SOTA program. Please feel free to forward this message to anyone you think would be interested in participating or direct any questions to me at this email address.

Mahalo & 73,

Allen / KH7AL

KH6 SOTA Association Manager (1 Nov)

[hawaiiisota@gmail.com](mailto:hawaiiisota@gmail.com)

<http://kh7al.blogspot.com/>



Big Island Amateur Radio Club

**Big Island Amateur Radio Club**  
**P.O. Box 1938**  
**Hilo, HI 96721**

**www.biarc.net**

**Officers**

President	Barbara Darling NH7FY	982-9126
Vice Pres.	Doug Wilson KH7DQ	985-7540
Treasurer	Milt Nodacker AH6I	965-6471
Secretary	Leigh Critchlow WH6DZX	930-7330

**Two Year Directors**

John Buck KH7T	885-9718
Mary Brewer WH6DYW	985-9595
John Bush KH6DLK/V63JB	935-5500

**One Year Directors**

Richard Darling AH7G	982-9126
Steven Jacquier WH6DPM	907-350-2122
Paul Ducasse WH7BR	985-9222
Darryl Koon AH6TQ	968-7106

**Standing Committees**

Service/Awards vacant		
Education	Milt Nodacker	AH6I
Emergency	Paul Ducasse	WH7BR
Equipment	Milt Nodacker	AH6I
Health&Welfare	Barbara Darling	NH7FY
Membership	Richard Darling	AH7G
Hospitality	Beau Mills	NH7WV
Newsletter	Curt Knight	AH6RE
Programs	Doug Wilson	KH7DQ
Repeater	Bob Schneider	AH6J
Webmaster	Curt Knight	AH6RE

**Special Committees**

Improvement	Vacant	
Field Day	Robert Oliver (969-9993)	NH6AH
Hamfest	Bob Schneider	AH6J
co-chair	Doug Wilson	KH7DQ
QSL Bureau	Barbara Darling	NH7FY

**Meetings and Get-Togethers**

**Membership meetings** – Second Saturday of each month at 2PM at the Kea'au Community Center

**Board Meetings** – will be held every other month 1 hour prior to the general membership meeting at the same location as the general meeting (January, March, May, July, September, November).

**Friday Lunches** – A group meets for lunch every Friday at 11:30 at the New China Restaurant in Hilo on Kilauea Avenue across from Central Pacific Bank and Long's, and near the new courthouse.

**East Hawai'i Net**

The East Hawai'i Net meets on Monday, Wednesday, and Friday mornings at 8AM HST on the 146.76 MHz repeater.

**ARES Emergency Net**

Meets Saturday evening at 1900 HST on the 146.76 repeater. Backup is 146.76 simplex. All are welcome to check in.

**BIWARN Accessible Repeaters**

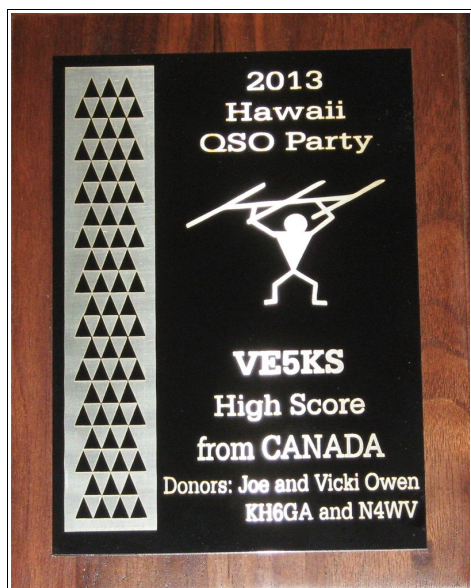
Repeaters in **bold font** are BIWARN/MCDA linked. When operating over a link, remember to leave extra time in each transmission for the link to be established. The number in parentheses is the tone access frequency.

<b>145.29-</b>	HOVE-Ka'u WH6FC (100)
146.66-	HOVE (100)
146.68-	Kea'au limited area KH6EJ
<b>146.76-</b>	Kulani KH6EJ
<b>146.82-</b>	Mauna Loa ARES KH6EJ
146.88-	Pepe'ekeo KH6EJ (may be linked)
<b>146.92-</b>	Ka'u PD KH6EJ
<b>146.94-</b>	Haleakala Maui KH6RS (110.9)
147.02+	Haleakala Maui RACES KH6HPZ
(103.5)	
147.04+	Mauna Loa RACES KH6HPZ
<b>147.16+</b>	Kona (Hualalai) WH6DEW (100)
<b>147.32+</b>	Waimea Hospital NH7HI (100)
<b>147.38+</b>	Waimea East KH7T experimental
<b>442.35+</b>	Ka'anapali Maui (136.5)
<b>442.5+</b>	Kea'au KH6EJ
443.40+	Ocean View KH7MS (77.0)
443.40+	Kona KH7MS (100.0)
443.65+	Ocean View Hub
<b>444.225+</b>	Haleakala Maui KH6RS (110.9)
<b>444.45+</b>	Parker Ranch KH6EJ (88.5)
444.9+	Hilo WH6FM WIN system (100)
444.775+	Hilo WH6FM XO system (123)



## The new editor

Secretary Leigh Critchlow, WH6DZX, has agreed to assume the duties of BIARC newsletter editor upon the retirement of veteran editor Curt Knight, AH6RE, who has faithfully published the newsletter for more than five years, which equals 60-plus editions. Thank you, Curt, for your loyal and reliable volunteer service. Note: The submission deadline continues to be the 20<sup>th</sup> of each month for the following month's edition. Please send all submittals to Leigh at [lcritchlow@mac.com](mailto:lcritchlow@mac.com).



## Hawaii QSO Party

BIARC members Joe and Vicki Owen sponsored a plaque in the 2013 Hawaii QSO Party for the highest score by a Canadian station. The plaque was won by John Hrisook, VE5KS, who made 27 contacts with Hawaii stations in the low-power category. Thanks to Joe and Vicki for supporting the HQP and to John for his exemplary participation!



## CQ WW 160m DX Contest

Robert Oliver, NH6AH, won this award for participation in the "2013 CQ World Wide 160 Meter DX Contest." He operated a Yaesu FT857D with a N8XJK Boost Regulator running 100 watts output into a full wave 180 meter loop antenna. The rig was on solar, 12 volt, battery power. The QTH is 650 feet from the shoreline of the south coast near Kalapana. The radio noise, or QRN, is very low at this QTH due to the location which is 4 miles from the nearest AC power lines. Band conditions were good this year and Robert's score was higher than the last year. "160 meters is open from dark till about dawn. You can hear lots of DX in January and it is a challenge being to be on that band," he said. "I hope to hear more competition from local ham operators this year. So, very good DX to all operators who show up on 160 meters."

## CQ Worldwide DX Contest at KH6LC

The 2013 CQ Worldwide DX CW Contest was held over the weekend of the 23<sup>rd</sup> and 24<sup>th</sup> of November.

The KH6LC entry was manned by Lloyd KH6LC, Kelly KH6KM, Fred KH7Y, Rob NH6V, Jeff N6GQ, and Curt AH6RE.

Conditions over the weekend were quite good, especially on the higher frequency bands, highlighted by excellent long-path openings to Europe and the middle east on 10 meters between about 8 PM and midnight both nights.

The band summary tells the tale:

Summary: Band QSOs Zones  
Countries

160:	70	9	780:	813
26	4340:	1421	36	
11320:	1380	39	12815:	
1874	38	11710:	1560	
36	121			

Total: 7118 184 529  
Total Score = 15,033,605

We understand that in the friendly competition between KH6LC and the folks at KH7XX on O'ahu, this time KH6LC came out the winner, in spite of having three linear amplifiers put out of service either just minutes before the contest or during the contest. Thus there's a lot of maintenance work to be done before the next extravaganza.



**Curt Knight, AH6RE/photo**

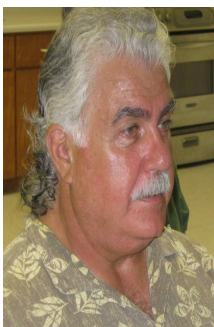
Rob Van Geen, NH6V, operating in the 2013 ARRL Sweepstakes. The amplifier is not turned on!

## ARRL Sweepstakes at KH6LC

Lloyd Cabral, KH6LC, along with Rob Van Geen, NH6V, and Curt Knight, AH6RE, entered the 80th anniversary ARRL Sweepstakes in the multi-operator single transmitter low-power category. Low-power (150W) is not the usual thing at KH6LC, but conditions were very good and there was no problem making contacts, including a clean sweep of the 83 ARRL and RAC sections, in this all-US/VE contest.

It is notable that the KH6LC log shows contacts with 93 entrants in the QRP category, spread all across the U.S. and Canada. QRP has become a popular and competitive category.

### Summary: Band QSOs



-----  
160: 0  
80: 4  
40: 204  
20: 243  
15: 314  
10: 357  
-----

Total: 1122 Sections = 83

Total Score = 186,252



## Ten-Ten International Net

Ten-Ten International Net and the Aloha Chapter wish everyone a grateful Thanksgiving and a fulfilling holiday season.

Ten meters has been jumping and was open day and night during the CQWW DX Contest. Terrific fun!

Just a reminder to all that 10-10 meets every day but Sunday at 1800Z on both 28.380 and 28.800 MHz.

Those nets are called from various places on the mainland. In fact, net control stations are needed - if interested, contact N6OPR via e-mail: [n6opr@msn.com](mailto:n6opr@msn.com).

There are nearly 80 chapters that meet weekly on various frequencies from various places around the world. If you hear a net, please check in. Those wishing more information can contact Irene NH7PE by message phone at 509-699-0897 to receive a copy of the Ten-Ten net guide.

This is the last month to increase contacts for the year long 10-10 anniversary QSO Party. 2013 is the 51st year of 10-10. Any QSOs with persons whose 10-10 number begins with 51 will qualify.

The year long Meet the Volunteers QSO Party also ends December 31. Rules are available on the club web site.

**-Irene NH7PE**



# AH6JA PACKET RADIO STATION



(L-R) VHF TRANSCEIVER, LAPTOP, PRINTER AND FACSIMILE

## Life is better with packet radio!

*The vital role of packet radio  
on the Island of Hawaii: Why  
we use it, how we use it  
and why we need it*

**By AH6JA**

### A brief overview

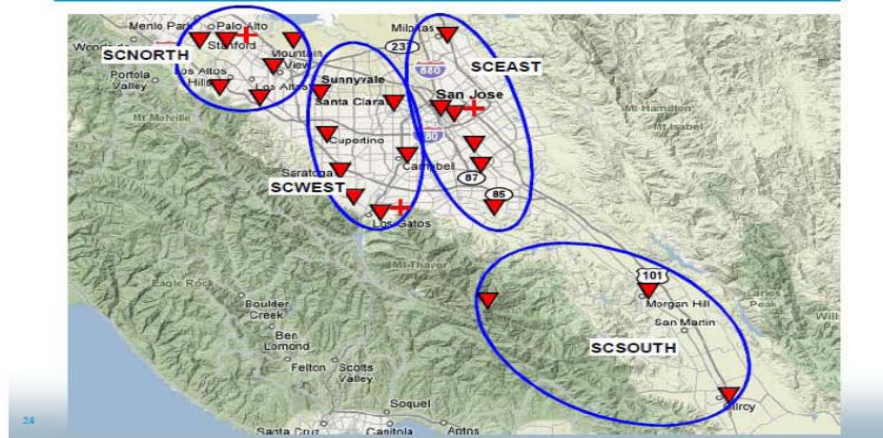
In the beginning: On June 26, 1982, Lyle Johnson, WA7GXD, and Den Connors, KD2S, initiated a packet contact with the first Tucson Amateur Packet Radio Corporation (TAPR) units. The project progressed from these first prototype units to the TNC-1 and then, finally, to the TNC-2, which is now the basis for most packet operations worldwide.

Packet radio in Hawaii got its start with the availability of TAPR's TNC-1 and -2s. In the early 1980s, Antonio Querubin (AH6BW) and others were instrumental in promoting packet radio and the AMPRNet in Hawaii. But packet radio and the AMPRNet had an exponential decline within the amateur radio hobby over the next 20 years with the appearance of the Internet and as the remaining users switched to the commercial Wi-Fi access points (HSMM).



**Harvey Motomura, AH6JA, demonstrates packet radio at the Aug. 31 Keaau Puna Regional Emergency Preparedness Fair.**

## Grouping city/agencies into packet areas Enhanced County Packet System



**Communicating in the Santa Clara Valley without power hogging repeaters – PACKET RADIO**

So, like many early packeteers, my TNC (an AEA PC-PAKRAT T 88) was boxed and placed in a closet when I replaced my Commodore 64 with a 486 technology laptop.

Post Hurricane Iniki: Through a generous FEMA grant following Hurricane Iniki in 1992, the Hawaii State Civil Defense Agency RACES organization was able to equip the major islands with digipeaters, thereby establishing the Hawaii State RACES Packet network (Level III) for the passing of bulletins and similar messages between the islands.

In 2004, Harvey Motomura (AH6JA) of Hilo established the first WinLink 2K VHF radio-to-email gateway in Hawaii. WinLink 2k is a worldwide system that allows packeteers throughout the State of Hawaii to send and receive email by VHF radio. Presently, there are two WinLink 2K HF radio-to-email gateways in the State of Hawaii — one maintained by Tom Ellis (K4XV) on the Island of Kauai, and the other by Thomas Overman (WH7T) on the Island of Oahu, via operating station KH6UL.

So dust off your TNC, hook it up to your old 2m rig and your PC's com port and get ready for some packet fun! It's as simple as that to begin sending email!

WinLink 2K: There are several amateur radio clubs on the Big Island whose members have voluntarily registered their qualifications and equipment with their local ARES/RACES leadership for communications duty in service to the public whenever disaster strikes.

These include the Big Island Amateur Radio Club, the Puna Emergency Radio Club, the Kohala Hamakua Radio Club, Kona Amateur Radio Society and others.



## New Amateur Radio Emergency Service district emergency coordinator

Photo by Curt Knight, AH6RE

At the Nov. 9 meeting, American Radio Relay League Pacific Section Manager Bob Schneider, AH6J, presents certificates to Milt Nodacker, AH6I, the outgoing, and Gregg Datlof, WH7FC, the incoming, Amateur Radio Emergency Service district emergency coordinator. He thanked and congratulated them both.

What I'd like to see, is more of the members utilizing/including the high-tech packet radio and other digital modalities as part of their go bags in the event of an emergency or disaster.

A good place to learn more about a well-established digital packet network is on the following website: <http://www.scc-ares-races.org/aresraces.htm>. This site has a very informative presentation section where hams can learn more on how packet radio can be an integral part of any emergency communication network.

The image on previous page

## Ham Nation on TV, YouTube

Scott Bosshardt, of A.R.E.S. Emergency Ham Network Station KH7SB, reports that Thanksgiving week has featured the Ham Nation episode of ABC's sitcom "Last Man Standing," and he provided this youtube link for ham operators to get a peek at some interesting behind-the-scene workings. Lots of ham operators were working on this show. For more, visit:

<http://www.youtube.com/watch?v=2ggKcisR7CU>



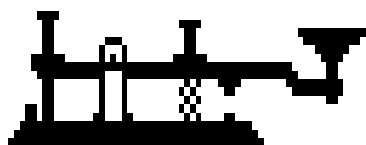
shows a radio network grouped in nodes for Santa Clara County in Northern California.

Why use packet radio? Because it's fast. It's way faster than voice! And, it's accurate! (The checksum for each packet must match.)

Packet radio is portable and deployable. It needs no cumbersome power hogging repeaters to extend its coverage. It fits the needs of the agencies we assist. Many of these served agencies have various formal and informal message formats that are incorporated into the packet radio software.

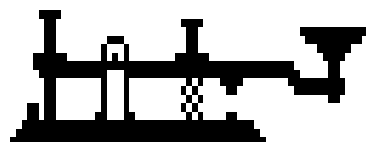
With forward error correction (FEC), all of the products will be error-free, perfectly legible, properly numbered, logged, acknowledged, tracked, and printable in multiple copies — day in, day out, all week long, with no sign of fatigue!

And packet radio works, even if phone, Internet and power are down!



***"When Everything Else Fails.  
Amateur Radio often times is  
our last line of defense...  
"When you need amateur  
radio, you really need them."***

**The Hon. W. Craig Fugate**  
Administrator, US Department of  
Homeland Security, FEMA



**Photo by Curt Knight, AH6RE**

Bob Schneider, AH6J, discusses one of his favorite topics, ARRL, which is all about emergency communications. In the eyes of Congress, Bob noted, the main reason for amateur radio to exist is its role in emergency communications.

## **Big Island Amateur Radio Club Minutes**

**November 9, 2013**

President Barbara Darling, NH7FY, convened the regular monthly meeting at 2 p.m. at the Keaau Community Center, with 36 BIARC members and guests in attendance.

Barbara read an email note from Oleg and Olga, friends of BIARC since their visit in 2010. Oleg, aka "Mr. 72," RV3GM/KH6OB, said he and his wife are well, and that they send their "aloha and best wishes" from their home in Russia to the

BIARC gang.

Sharing the second installment of her series on "You can meet the most interesting hams in McDonald's," Barbara introduced Kevin Hanna, WB7WMI, who has relocated from Florida to East Hawaii. He will be renewing his call sign and joining BIARC. Barbara and husband Richard Darling, AH7G, met Hanna recently when the couple stopped to eat at McDonald's and a voice called out: "You're a ham radio operator, aren't you?" Richard had pinned a nametag with his call sign to his hat for the occasion. Early in the year, while on a visit to Florida, the Puna



couple had made friends with another couple there who recognized them as fellow hams because they were wearing BIARC shirts.

"It does pay to wear your BIARC T-shirt, or have a hat with your name tag on it," said our outgoing president, who then launched the monthly round of self-introductions and updates that starts each meeting.

John Buck, KH7T, and Richard said they've been having great success working Wake Island, and recommended it to their fellow hams.

American Radio Relay League Pacific Section Manager Bob Schneider, AH6J, presented certificates to Milt Nodacker, AH6I, the outgoing, and Gregg Datlof, WH7FC, the incoming, Amateur Radio Emergency Service district emergency coordinator. He thanked and congratulated them both.

Special guest Bob Wedeman, the new race director for the Big Island International Marathon, which will be held March 16 in Hilo and its environs, discussed the need for amateur radio operators to provide communications all along the route. He has asked the Puna Emergency Radio Club and BIARC to assist. He noted that cell phones, which have been used previously to provide race comms, aren't nearly as reliable as ham radio. Since he was preaching to the choir, no one disagreed! Barbara noted that BIARC used to be involved, but that event coordinators had switched to cell phones a number of years ago.

"We'd love to have you," said Wedeman, who served as interim race director this year and found race communications to be less functional and less reliable than they could be with amateur radio operators. In addition to the March

marathon, his group also is planning to launch another race, the Hilo Triathlon, next July. Amateur radio operators also would be needed for this event.

Kim Fendt, KD0QLR, of PERC was on hand to discuss the March 16 event, and she encouraged interested hams to sign on. She will be coordinating the communications network for the event, and invites folks to email her at [kimber@sfendt.net](mailto:kimber@sfendt.net).

Milt recognized our dedicated Volunteer Examiners, who have donated their time, talents and patience to conduct FCC licensing testing. He gave yellow and black VE patches to Richard and Barbara Darling, Doug Wilson, KH7DQ, Bob Schneider, and Dave Broyles, KH7SO.

### Monthly program

Bob, with favorite traveling partner Esther Schneider, XYL, in the audience, then presented the monthly program. He offered an overview of ARRL, then a thumbnail review of the couple's trip to New Zealand in October.

ARRL is all about emergency communications. In the eyes of Congress, Bob noted, the main reason for amateur radio to exist is its role in emergency communications.

"We're a secondary responder," explained Bob. Hams are there to provide crucial backup for the nation's first responders.

The mission of ARRL is "To promote and advance the art, science and enjoyment of Amateur Radio."

Founded in 1914 by Hiram Percy Maxim, the American Radio Relay League is the national association for amateur radio in the U.S. Today, with more than 161,000 members, ARRL is the largest organization of

radio amateurs in the world.

ARRL's mission is based on five pillars: Public Service, Advocacy, Education, Technology and Membership.

The Amateur Radio Emergency Service (ARES) consists of trained radio amateurs who provide public service communications support. These licensed amateurs have voluntarily registered their qualifications and equipment, with their local ARES leadership, for communications duty in the public service when disaster strikes. Every licensed amateur, regardless of membership in ARRL or any other local or national organization, is eligible to apply for membership in ARES. Training may be required or desired to participate fully in ARES.

If you want to get involved, please contact Gregg Datlof, who, as previously noted, is the new district emergency coordinator for East Hawaii.

"Our hope is that none of this will ever have to be used," said Bob, of the many hours of training and continuous practicing that amateur radio operators put into ARES readiness.

Then Bob escorted the BIARC audience on a travelogue of New Zealand, a beautiful place full of gorgeous gardens, a favorite of Esther; photogenic churches and historic buildings; the first

church and first service station in the country; "Hobbit Village," a remnant of the Lord of the Rings trilogy of movies filmed down there and now functioning as a tourist attraction; Rotorua, an active volcano with geysers; fjords; the bridge where bungee jumping was invented; yacht racing, rugby and base-jumping action, and an



assortment of facilities in a country whose residents are "big on sports."

Sitting in our chairs, we got to see Christchurch, its natural and manmade beauty, and its huge, lingering remnants of the devastating quakes of three years ago. We got to see the new Christ Church, constructed of epoxy-impregnated cardboard. And we got to see the U.S. Antarctic Center in Christchurch, which at the time of the Schneiders' visit was closed due to the U.S. government shutdown. And we got to see some really cool birds, such as the bold, brassy and intelligent Kea.

#### **Business meeting**

Secretary's report was approved. Treasury stands at about \$4,500. Membership logs in at 104 paid voting members and seven associate members, for a total of 111, reported Treasurer Milt.

Repeaters: Lots of work has been done on Mauna Loa repeater, and equipment purchased and installed, but there still are problems in the links which need to be tweaked.

Club communications: Curt Knight, AH6RE, will continue to coordinate the BIARC website; Leigh Critchlow, WH6DZX, will now edit the monthly newsletter.

QSL bureau: Barbara reported that October was one of the lightest months, with only 327 cards from Slovenia and China, for a YTD total of 25,742. Barbara will send a letter in December to all hams involved in the ARRL KH6 Hawaii QSL Bureau, which BIARC has managed for ARRL for five years. In it, she thanks all who have helped in distribution and in contributing toward postage. In future, ham operators wanting to use the service will need to have SASEs or credits with the bureau so that ARRL doesn't have to keep picking up the tab for postage.

"We receive QSL cards from all



**Photo by Curt Knight, AH6RE**

### **Big Island International Marathon invites hams to provide comms along Hilo route**

Special guest Bob Wedeman, the new race director for the March 16 Big Island International Marathon in Hilo, discusses the need for amateur radio operators to provide communications all along the route. He has asked the Puna Emergency Radio Club and BIARC to assist.

Kim Fendt, KD0QLR, of PERC was on hand to discuss the Sunday morning event, and she encourages interested hams to sign on. She will be coordinating the communications network for the event, and invites interested folks to email her at [kimber@sfendt.net](mailto:kimber@sfendt.net).

There will be three races within this event: A marathon, a half marathon and a 5K run. The start times are in 15-minute intervals beginning at 6 a.m. at the Hilo Bayfront. Visit [www.hilomarathon.org](http://www.hilomarathon.org) for detailed info about the event.

over the world and redistribute them from our base in Hilo, Hawaii. This bureau is open to all amateur radio operators. ARRL membership is not required," said Barbara. Please drop Barbara an email at [NH7FY@yahoo.com](mailto:NH7FY@yahoo.com) or call her at 982-9126.

"We feel that envelopes with Forever stamps or credits with the KH6 Bureau should be in effect to cover the expenses."

T-shirts: Order still pending, as we need minimum of 36. If you

want a new shirt, let Barbara know.

Times/dates/places to meet: 1) Feedback is sought about traditional Friday lunch bunch get-together. 2) Also: is 2 p.m. on the second Saturday of the month still the preferred monthly meeting time? Let Barbara know.

Annual Christmas party will be at 2 p.m. Saturday, Dec. 14, at Keau Community Center. The club will provide two turkeys and a ham, plus all dinnerware and beverages, and members will bring potluck dishes



to accompany the main dishes. See the President's Message on Page 1 of this newsletter for more details on the Christmas party.

Elections were held for calendar year 2014. The incoming officers are: President Bill Hanson, N0CAN; Vice President Milt Nodacker, AH6I; Secretary Leigh Critchlow, WH6DZX; Treasurer George Bezilla, WH6EFN; and new directors Toni Robert, N0INK, and Barbara Darling, NH7FY. Robert Oliver, NH6AH, will continue as Field Day chairman. Holdover directors are Mary Brewer, WH6DYW; John Buck, KH7T; John Bush, V63JB; Richard Darling, AH7G; Steven Jacquier, WH6DPM; Paul Ducasse, WH7BR, and Darryl Koon, AH6TQ.

Looking forward to next year, Bill said he'd like to see BIARC do a "senior legacy project," a la the high school seniors, who do such a public service project before they graduate. He'd like to see us become mentors of youth and set up amateur radio clubs in the schools. Whatever each ham's passion is in amateur radio, "bring it to the students," said Bill, so we can introduce the next generation to amateur radio and recruit them into our club.

Respectfully submitted,  
Leigh Critchlow, WH6DZX  
Secretary



***"I have been frankly fascinated with that unpaid group of people with those ham radios, the Auxiliary Communications Service" [ACS]. [The ACS makes available] "a wireless system that seldom if ever can be totally disrupted by a disaster...ham radio operators are the heart and the soul and the life blood of that system."***

**The Hon. Mayor Willie Brown** Mayor of San Francisco (1996-2004)