



BIG ISLAND AMATEUR RADIO CLUB

Newsletter – May 2013

President's Message May 2013

It's not very often that I scan through the QST Magazine and find articles about Hawaii hams, especially ones that we know. I usually check when contest results come out to see who is listed that we know like KH7Y, KH6LC etc. In the April issue there were a couple articles that you may want to look up and read.

One is about Jim K6MIO/KH6 and Fred KH7Y. There was a rare 6 meter opening on the evening of January 18 to the southern states. This article is on page 93-94.

The other article is on page 78, written by Khrystyne Keane K1SFA of ARRL, telling about two ham radio operators who were honored at the ARRL's January Board meeting. One is a member of our club, John Bush KH6DLK/V63JB, who has been named as the ARRL 2012 International Humanitarian.

We are very proud of the work that John has been doing, especially in Micronesia. John has been down in Micronesia again for the last couple months and is scheduled to come home in the next couple weeks. He will be doing a program for us on May 11 on Antenna Rights. We are trying to arrange a presentation of John's award in the next few weeks, possibly on the day of our next meeting May 11th.

We were most fortunate to arrange a substitute program last Saturday as our scheduled program fell through at the last minute. Bob AH6J was able to contact Joe Speroni AH0A before he flew back to Oahu. Joe agreed to stay over a couple days to present the program on a Remote Ham Radio Service along with Lee Imber WW2DX in New York state. Bob had been to Joe's presentation at the Kohala club meeting and was quite impressed. If you would like to read more about it there is an ARRL lab review of this service in the May QST page 59.

Field Day is fast approaching and Robert NH6AH has taken care of securing our location at Wailoa Center and has sent a letter to the mayor requesting the week of June 17-23 as Amateur Radio Week in Hawaii. Please help Robert make this a great weekend.

Richard and I are glad to be home even though one of the first things that happened was our hot water heater sprung a leak and had to be replaced. The good news was that on checking we had purchased it 10 years ago and it had a 12 year warranty against leaks so it was completely replaced, except for the installation. So for \$80 we had our new \$544 heater replaced. I have mailed our insurance papers in to see if our trip interruption bills will be paid for our drive to Florida from Dallas after our flight was cancelled on Christmas night. (\$765)

I had quite a pile of QSL cards here waiting for me as Joe KO4RR and Vicki N4WV had been kept quite busy sorting while we were gone. Chuck AH6SC will be hand carrying a large stack over to Oahu this weekend. A mailing was done a couple weeks ago to get rid of quite a few. Joe and Vicki will be heading back to Georgia in another week for the summer.

We have been going to the Native Pasta and Steak Restaurant in the Keaau Shopping Center the past couple weeks for our Friday lunch. We haven't made a final decision as to whether we will continue there or elsewhere.. Will try to keep you advised as to where we are going.

73 Barbara NH7FY

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. Contact the President for location information.

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.

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

**Big Island Amateur Radio Club
General Membership Meeting Minutes**

April 13, 2013
Keaau Community Center

President Barbara Darling, NH7FY, convened the meeting shortly after 2 p.m.; 24 members were in attendance.

Membership Chairman Milt Nodacker, AH6I, passed around a copy of the current membership list for folks to check/update their contact info and dues status of record. Including payments made today, we now have 62 full members, 17 family members and 6 associates, for a grand total of 85.

During the monthly round of introductions and announcements, Richard Darling, AH7G, reported that during his and Barbara's recent stay in New Zealand, they made the happy confirmation that the country has an abundance of ham radio operators.

Barbara reported that three members of the board of directors have resigned: Tracy Desa, WH6DYR; Glenn Kadota, WH6DVB, and Rick Gardner, WH6LU. Each was holding a two-year position on the board. This leaves four officers and seven board members.

Other announcements:

- 1) John Bush, KH6DLK/V63JB, will give a talk on "antenna rights" at the May meeting.
- 2) Barbara has a list of radio equipment for sale that she will put in the next newsletter. The equipment is from the late Harry Nishiyama, KH6FKG, whose widow, Sue, has offered BIARC members an opportunity to acquire the items.
- 3) BIARC 2013 dues are overdue.
- 4) Robert Oliver, NH6AH, chair of the annual summer Field Day, has written to Mayor Billy Kenoi, asking him to proclaim the week of June 17-23 Amateur Radio Week in Hawaii County.
- 5) Barbara will check into a query from Paul K8PO, who is looking for QSL logs from 2001 which would list a K3J contact for which he still needs a QSL card.
- 6) Barbara attended the recent funeral for Jim Todd, KC7OKZ, and said it was a very nice service. His children brought his radio equipment to the meeting, and set it up outside on the picnic tables for members to browse through.
- 7) On March 18, Barbara sent the letter, (drafted by Vice President Doug Wilson, KH7DQ, while she was in New Zealand, and discussed at BIARC meetings during that time period) to the heads of the Big Island's other four ham radio clubs, asking if they'd be interested in reestablishing an inter-club committee to deal with common concerns, such as repeaters. As of today's meeting, she has heard nothing from any of the four: Dean Manley, Hilo; Rick Ward, Ocean View; Steven Milner, Waimea, and Joseph Crable, Kona.

Monthly program: Joe Speroni, AH0A/W2, of Honolulu facilitated a live presentation by New York DXer Lee Ember, WW2DX, on the cutting-edge technology and facilities he and his partner are developing to provide high-quality

transmission across incredible distances via the Internet, using intricate arrays of stacks and stacks of antennas set up on high elevations in gorgeous surroundings, some with awe-inspiring, steep dropoffs.

Lee and business partner Ray, W2RE, have had a successful tower company in NY and had built a contest setup in the Catskill Mountains. It worked great, with its four towers and 30 antennas all stacked up in precision, but was only used six weeks a year for contesting. What a waste, they decided, and launched their mission to provide the infrastructure, tech savvy and user-driven service to let any ham operator, anywhere, hook up to the towers as if the towers were in the individual user's back yard — all via the Internet over any modern web browser and using only the operator's home, or mobile, equipment. Lee said remoting has been going on since the 1950s, but it has been "primitive," resulting in abysmally poor quality — until now. "It was a horrid experience," he said.

These days, however, it's a different story. What he and Ray are operating now, he said, lets any operator "be a big gun" while just sitting on the couch at home with a simple ham setup and a laptop computer hooked up to stacks and stacks of antennas, strategically located and arranged, and 70-foot booms on a mountaintop 3,000 miles away.

"Since our application is web-based, it can work on any device," he explained. The company, remotehamradio.com, uses Elecraft K3s at all of its sites.

With Joe facilitating, Lee (a 26-year licensee, since age 12, who enjoys all aspects of the hobby) used slides and videos to illustrate the magnitude of the current operation and the company's future plans, including acquisition of sites around the world. "This is YOU, working the world on one of the loudest stations around," he said, showing a photo of a ham operator sitting at home, typing on his laptop computer. "And, our goal is to be THE loudest," Lee said.

In addition to Site 1 in the Catskills (Summit, NY), remotehamradio.com has the following sites up-and-running, and/or being developed: Site 2, Blueberry Hill, NY, at the 1,200-foot elevation; Site 3, Quaker Hill, NY; Site 4, Windham, NY, with an incredible five-state view of NY, CT, MA, NH and VT; Site 5, in Brushy Mountain, NC; and possible property in Maine for Site 6, which would be "a super station." They are also scouting out sites in Washington state, the Caribbean, Europe, etc.

KH6, perhaps?

"There's a lot of stuff in the works," said Lee. "We're working to bring more insane sites" to the network.

"Say hello to your new shack," he said, showing a closeup of a laptop computer.

He demonstrated CW over the system: "So, there's some CW, just like if the tower's in the back yard."

He talked about ARRL 2010 award-winning Andy, who

cranked out an amazing 50,000 Qs on a remote in Zone 34, Cairo, via CQWWCW from Blueberry Hill.

"The future is bright," said Lee.

As to legalities, Lee said the FCC has decided that "The Internet is a long microphone cord." "It's what goes over the air" that determines legal versus not legal. Remote use is fine in DXing, as long as the operator and transmitter are in same DXCC.

The cost of bringing the four huge mountaintop tower sites into your home in Hawaii? Four plans now are set up, ranging in price from \$2,999/year to \$6,999/year, with a \$1,000 discount for renewal in each category.

Following a break to enjoy an ice cream-cookie-cupcake buffet provided by Janet, NH7AK, and Beau Mills, NH7WV, of the BIARC Refreshment Committee, the president opened the business meeting:

Announcements: Ted Brattstrom, NH6YK, is moving to South Korea and has ham equipment for BIARC members' first rights of perusal.

Secretary's minutes: Those submitted from previous meeting were approved.

Treasurer's report: Approved, subject to audit. Treasurer Milt, AH6I, reported that as of the end of March, we have \$4,610.13, including \$160 in dues and repeater contributions (with more dues incoming at the meeting).

Repeater Committee: Chair Bob Schneider, AH6J, reported on meeting he attended with North and South Kohala- and Hamakua-area hams. The Kohala-Hamakua club and the Hawaii Preparatory Academy school club are working with Parker Ranch officials to put up a local repeater. Bob also said the UHF link in his basement at home has been "hardened," and the power supply is more reliable. Milt said there is a new power controller in Naalehu.

Education Committee: Chair Milt reported that his current General license class is proceeding well, with "a real dedicated group" of students. Testing is scheduled for all three levels of licenses at 6:30 p.m. April 25 at the LDS church on Kilauea Avenue in Hilo. The next Technician's class starts June 13, probably in Hilo.

QSL Committee: Chair Barbara, NH7FY, reported 1,253 QSLs in March, bringing the year-to-date total to 5,346.

Field Day Committee: Chair Robert Oliver, NH6AH, said "everything is in place" for the June 22-23 event at Wailoa Center in Hilo. He encouraged members having photos taken at last year's event to email pix to him at oliver@reotron.com for use in event publicity. "We'd like everyone to start thinking about Field Day," he told the members. The fun and educational program is held from 6 a.m. Saturday to 6 a.m. Sunday on the fourth weekend each June. Bob noted that it is his third year as Field Day chairman and that 45 people signed in the first year, 60 last

year, and he'd like to see 100 persons sign in at the upcoming event. He noted that ham is great for kids and that we need to focus on getting new licensees within the younger generation.

"We're going to have a great Field Day," he said. "The sunspot cycle is going to be at its peak ... knock on wood."

Gregg Datlof, WH7FC, gave an update on the upcoming BIARC emergency rollup J-pole workshop. It will be Saturday, April 27, from 1-4 p.m. at the Keaau Community Center. Thus far, 15 have registered. He said it's open to all, and encouraged other members to sign up for the free class.

Mahalo to Joe Speroni: On virtually a moment's notice, our special presenter had agreed to stay on the Big Island a few extra days to introduce New York DXer Lee and his remotehamradio.com to BIARC membership after an equally fascinating presentation the previous Wednesday in Waimea. To thank him, since he politely refused to be compensated for the resulting additional expenses, the club unanimously approved a \$200 donation for State QSO Party plaques (M/S Bob Schneider/Richard Darling). Instead of paper certificates, more official-looking plaques will be presented at events around the state toward the end of August. BIARC QSO Party is scheduled for Aug. 24. Details will be announced later.

New business: At the May meeting, John Bush will receive the 2012 ARRL International Humanitarian Award, which was displayed at today's meeting. It was suggested that perhaps Mayor Billy Kenoi could be invited to present the plaque. This award is conferred annually upon an amateur or amateurs who demonstrate devotion to human welfare, peace and international understanding through amateur radio. The league established the annual prize to recognize those radio amateurs who have used ham radio to provide extraordinary service to others in times of crisis or disaster. BIARC's Bush is, and has been, instrumental in setting up ham radio communications in remote areas of the Pacific to benefit the residents of far-flung island communities.

Meeting was adjourned at 4:05 p.m. Next meeting is at 2 p.m. Saturday, May 11, at Keaau Community Center. Respectfully submitted,
Secretary Leigh Critchlow, WH6DZX

Boy Scout Makahiki



A grand time was had by all at the 102nd Boy Scout Makahiki held on Saturday, April 13. Booths by various Packs and Troops offered games and information challenges. Boy Scout units cooked up a feast for judges and visitors alike, a climbing rock wall and jumping castle kept the kids occupied and winners were determined in the Pinewood Derby, the Sailboat Regatta for the Cub Scouts and the Iron Chef Cooking Competition for Boy Scouts. Here BIARC Education Committee Chair Milt Nodacker and BIARC Director Mary Brewer introduce scouts to the fun new world of ham radio. BIARC's Beau Mills, NH7WV, will be teaching a Radio Merit Badge class at the summer Boy Scout Camp in East Hawaii. (Courtesy photo by Marcia Prose) - Thanks Leigh WH6DZX



KH6FKG Nishiyama Radio Equipment Available

Sue WH6AG has the following radio equipment available for sale. She will give a 20% discount on all items. Please call her at 959-8863 or E Mail to Wh6ag@aol.com

Kenwood TS-850S \$750.00 nice, manual, no cw filter or tuner
 Kenwood PS-52 Supply for TS-850 \$150.00 Manual
 Kenwood PS-520 Speaker \$40.00
 Kenwood TS 430S \$300.00 Manual, Nice
 Kenwood PS-430 Supply for TS-430 \$100.00
 Kenwood TM-2550A 2 Meter FM xcvr \$75.00
 Kenwood TL 922A Linear Amp \$800.99 Manual, Nice
 Kenwood TL 922A Linear Amp \$200.00 Not working, Priced for inspect
 Collins 312-B5 Wattmeter/phone patch \$125.00
 MFJ Versa Tuner \$75.00
 Heil ProSet Headset (Box) \$75.00
 Viking Phone Patch \$20.00
 Ham M Rotator \$200.00 Manual



10-10 International Net

We hope everyone will enjoy the 10-10 Spring Digital QSO Party this coming weekend, April 27 and 28. Be sure to check out the net's web site www.ten-ten.org for further information about this event and other upcoming activities. The Spring CW QSO Party will be May 4 and 5, good practice for you CW buffs, and the the Open Season (PSK) QSO Party will be June 1 and 2. There's no excuse for all you scouts to not be prepared.

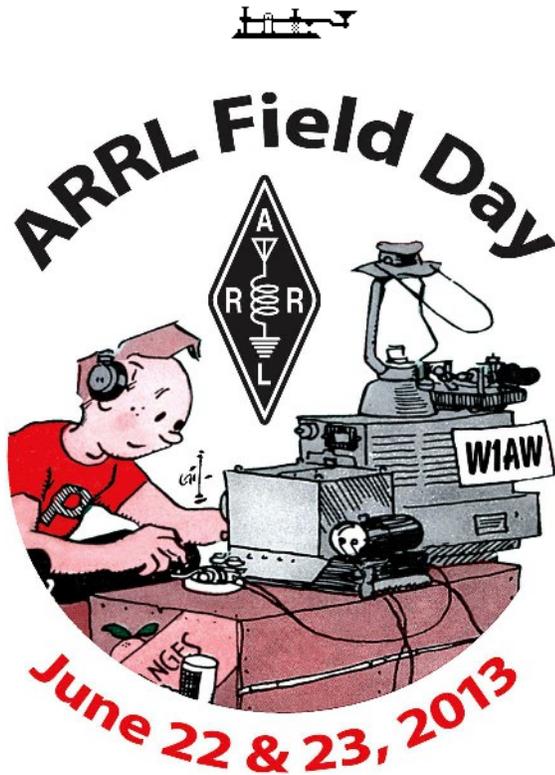
Start making your plans to attend the 10-10 Convention 2013 which will be held July 11-14 2013 at the Sheraton Hotel at Bradley International Airport in Windsor Locks, CT.

Irene NH7PE still calls the Aloha Chapter net every Monday at 6:30 PM HST on 28.490 MHz. If you fail to connect with the chapter net after trying a few times, feel free to call your own net. We aren't concerned as much about numbers as about preserving the 10 meter band through encouraging its use.



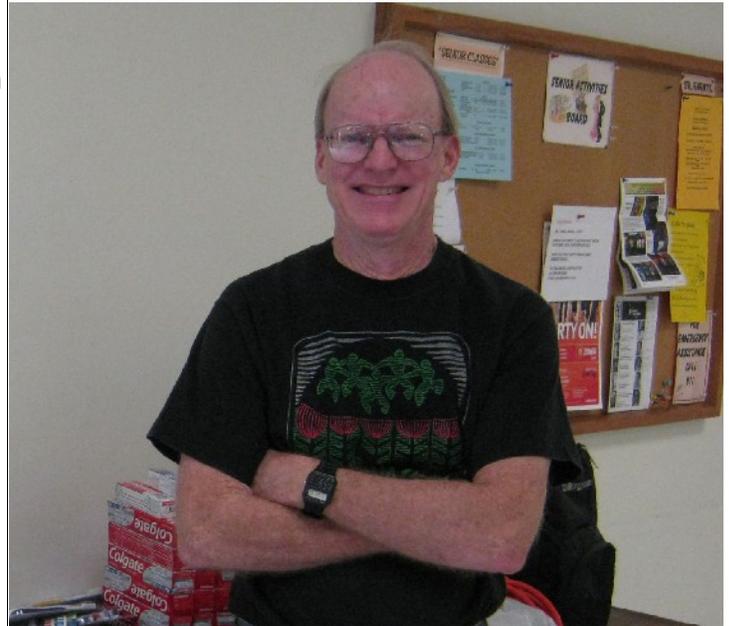
Irene NH7PE reports that **Susan Meckley W7KFI** was on 40 meters on Tuesday, April 16. Susan, who is now 77, says

that her leg is 90% well, and when it reaches the 100% level she plans to leave in the spring for the Marshall Islands. Right now she is living aboard the Dharma just off the end of the airport runway in a small boat harbor in Honolulu. Susan visited BIARC when she passed through Hilo a few years ago en route to the Pacific.



Field Day Reminder

Don't forget to set aside the weekend of the 22 and 23 of June for the annual BIARC Field Day. Check with Robert Oliver (969-9993) to see how you can help out, or just show up for the fun starting early Saturday morning.



**BIARC Member John Bush KH6DLK/V63JB
ARRL 2012 International Humanitarian**