

Big Island Amateur Radio Club

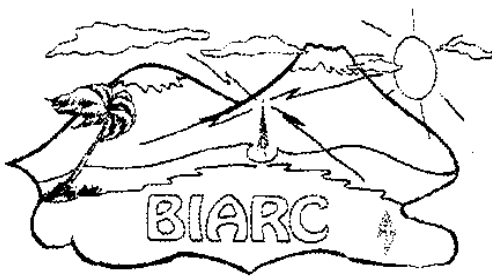
BIARC Bulletin September 2007

President's Message

The Volcano Wilderness Run was the highlight of the year, so far, for BIARC. Sean NH7SA did an excellent job of chairing the event for us again. I hope I can remember all who participated. If not, I apologize. Gloria (Associate), Elisa NH7SX and Satoshi KA2IXG assisted Sean in the net control area. Out at the aid stations were Paul W3FO and Jeannie NH6DZ at #2, Ted NH6YK #3, Blake KH6MS #4, George KH6ANA #5, Solomon NH7ZE #6, Ed NH6HT and Ron AH6HN #8 and Barbara NH7FY and Richard AH7G #9. Thanks to all who showed up at that early hour to help make a very successful marathon. Billy Conner KH6VA #10 runner from Maui was participating in the marathon again this year. We look forward to watching for him each year. He was one of 188 marathoners on the course. One woman from Houston, Texas was completing her 50th marathon and one man has now completed a marathon in all 50 states by running in the Wilderness Run.

I have just returned from a two week trip to the mainland. I arrived in Minneapolis for my granddaughter's wedding a half hour after the bridge collapse. Leaving there after the wedding I headed for Columbia, Maryland to visit with family and friends. It was great getting to see them all especially my 93 and 95 year old parents who live with my sister in Columbia. My return to Hawaii was a little traumatic. On the plane everyone was concerned about Flossie and wondered how she was going to affect their vacation. On our way home we stopped at Gloria's home to visit with Lori AH6OS as she was leaving for home (Colorado) the next morning. As we were finishing dinner the earthquake hit knocking water glasses over on the table. Is this any way for Madam Pele to welcome me and to say good bye to Lori? Upon reaching our home our cat greeted us at the door with loud yowls. I haven't figured out yet if she was greeting me or complaining about our not being here to protect her

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Big Island Amateur Radio Club

Logo by Don Bartron, NH6WW

Officers

President	Barbara Darling, NH7FY	982-9126
Vice President	Arman Wiggins, WH6BVZ	963-6846
Treasurer	Ed Breen, NH6HTT	982-6513
Secretary	Ken Cutting, KH7ZJ	938-5881

One Year Directors

Richard Darling, AH7G	982-9126
Don Bartron, NH6WW	935-1258
Doris Carlson, KH6ER	966-4676
Fred Benardella, KH6FI	968-1331
Ron Phillips, AH6HN	982-6513
Solomon Singer, NH7ZE	935-5563
Rick Frazier, AH7H	985-9169
Jeremy Punsalan, KH7CN	959-8510

Two Year Directors

Richard Fetcher, K3QHP	982-7426
Fred Honnold, W6YM	982-5226
Beau Mills, NH7WV	968-1271
Bob Schneider, AH6J	966-8146
Curtis Knight, AH6RE	966-8304
Syd Singer, WH6VO	935-5563

Standing Committees

Service/Awards	Harry Nishiyama	KH6FKG
Co-Chair	Ron Phillips	AH6HN
Education	Harvey Motomura	AH6JA
Emergency Coord.	H. Nishiyama	KH6FKG
Equip. Inventory	Wilbur Carlson	KH7E
Health & Welfare	Doris Carlson	KH6ER
Hospitality	Gloria Whiteley	Associate
Newsletter/Editor	Sean Stueber	NH7SA
Programs	Arman Wiggins	WH6BVZ
Repeater	Ron Phillips	AH6HN
Webmaster	Rick Frazier	AH7H

Special Committees

Christmas Party	Gloria Whiteley	Associate
Club Improvement	H. Nishiyama	KH6FKG
Co-Chair	Ron Phillips	AH6HN
Field Day	Robert Oliver	NH6AH
Hamfest	Bob Schneider	AH6J
Co-Chair	John Buck	KH7I
QSL Cards In/Out	Richard Darling	AH7G
Volcano Rim Run	Sean Stueber	NH7SA

MEETINGS & GET-TOGETHERS

Membership Meetings -

2nd 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 and November)

Friday Lunches -

Every Friday at the Queens Court Restaurant in the Hilo Hawaiian Hotel. Meet in lobby between 11:00 - 11:15 a.m. Or we will see you inside in the far left corner.

East Hawaii Net -

The East Hawaii Net meets on Monday, Wednesday and Friday mornings at 8AM, local time, on 146.76 mhz. Sign on and check us out.

**Take a look at our
newly updated
website at
www.biarc.net**

NEXT MEETING

Saturday, September 8th

Our regular monthly meeting will be held at the Keaau Community Center on May 12th at 2PM. Our program for the September meeting will be presented by Dr James Kennedy K6MIO astronomer and retired Associate Director of Gemini. The title of his program is: "Changing Views of the Universe". What astronomers think about the universe and how it has changed over the years. Board meeting will be at 1PM at same location. For new members, the center is located behind the Keaau Police Station and new clinic.

September Birthdays

WH6BVZ	Arman Wiggins	6th
KH7H	Dennis Carvalho	10th
WH6BIR	Joyce Carlson	14th
KH7VS	Bill Kollenbaum	16th
K7MY	Jim Hoggard	25th
WH7DJ	Tiara Mills	25th
KH7CN	Jeremy Punsalan	29th

Happy Birthday to all !!!

REPEATERS

145.29- HOVE - KAU (141.3Hz) WH6FC
146.76- Kulani KH6EJ
146.82- Mauna Loa (ARES) KH6EJ
146.88- Pepeekeo KH6EJ
146.92- Kau PD KH6EJ
146.94- Haleakala Maui (ARES) WH6KO
147.00+ Glenwood (141.3Hz) AH6GG
147.02+ Haleakala Maui (RACES) KH6H
147.04+ Mauna Loa (RACES) AH6JA
147.10+ Waiakea HS AH6GO
147.16+ Hualalai Kona KH6DEW
147.32+ Waimea Hospital (100 Hz) NH7HI
147.38+ Waimea East KH7T
146.68- Keaau (portable) KH6EJ

NOTE: There are some privately owned repeater, some with IRLP. For further info contact Ron AH6HN.

from falling objects. Then a couple days later the earthquake in Peru generated a tsunami warning and wildfires hit Waimea and Pahala. Now everyone is watching the current flow of lava and wondering what Madam Pele is up to now. What an interesting island we live on. I for one appreciate Civil Defense for keeping us well informed so that residents can be prepared for disasters here. Hawaiian Paradise Park has formed a group of emergency volunteers who have been busy getting their licenses and radios.

I hope you are all getting your excess radio material lined up to take to the Hamfest in Waimea (at the Community Center) on October 20th (the third Saturday) The date was changed so that we wouldn't conflict with the Ironman again this year. Hopefully the Kona and Kohala/Hamakua Radio Clubs will be participating too. It's one of the few times during the year that we get to see the hams from the North and West sides of the island. Doors will open at 9AM for setup. FCC license testing will be at 1PM and the event closes at 2PM. Thanks again to Bob AH6J and John KH7T for chairing this event again.

Harry KH6QM has been in the hospital recently. The first time was with a stroke and the second with dehydration. Bob AH6J was to see him and said that physically he is fine but mentally quite confused. We understand that he has family coming from Texas to stay with him in his home

Susan W7KFI had started out again for Johnston Island when the hurricane threats made her return. We have just read an article that Johnston Island has been put up for sale. Don't know how this will affect her future plans for going there after hurricane season.

We will be putting through a tee shirt order to Creative Arts this fall. By next month I'll be able to insert an order form in the newsletter.

As you will notice Dr James Kennedy K6MIO will be doing our September program. He has recently retired from Gemini. He has already agreed to do another program for us next year. For the rest of this year we have the Hamfest in October, hopefully Ted NH6YK will be prepared to do the November program about his trip to Tasmania and December will be our annual Christmas party/turkey dinner.

Today we received a four pound box of QSL cards from the bureau. I am in the process of sorting them so they should be ready for distribution in the next day or two. AH7's, NH7's and WH7's had no cards.

Mahalo to Arman WH6BVZ for covering the meeting in August while I was gone and also for taking notes of the meeting.

Barbara NH7FY

BIARC Membership Meeting

Secretary's Minutes

August 11, 2007

Notes from the August meeting were sent in by the Vice President Arman WH6BVZ, as the secretary was not present at the meeting.

Harry KH6FKG did an excellent job on the rotator repair and putting connectors on coax. Some of the newer members, myself included, were very interested in Harry's talk.

Bob Schneider and I and my family were able to get Margaret Pacheco's tower down for the most part. Bob will have some of the radio equipment for sale at the hamfest in October.

Announced the availability of licensing manuals from John Buck KH7T
Field Day location for '08: Wailoa Park was a favorite but needs to be reserved now. Also the art museum near the Kamehameha statue was said to be a good spot. Need to decide now or we will revert to the HPP site.

Tee shirt order. You will have information at next meeting.

Next testing is August 31 but subject to cancellation if there is no one signing up.

Nominating committee formed consisting of Ron Phillips AH6HN, Bob Schneider AH6J, Richard Darling AH7G and Paul Ducasse WH7BR

Submitted by Arman Wiggins Vice President

FRED KH7Y ON DXPEDITION

Submitted by Richard Darling

Fred Honnold KH7Y and Elmo EA5BYP (who brought Richard AH7G his 310th country confirmation for 3Y0C Annabon Island) and two others will be going to Bikio Island in Equatorial Guinea for a DXpedition starting October 5th through October 14, 2007. Their call sign will be 3C7Y. Two transmitters for all band operations between 6m and 160m will be utilized for phone, CW, digital and RTTY QSO's. EME might be possible for those interested in Earth Moon Earth QSO's.

Bikio Island is a rare island for those operators working IOTA (Islands on the Air). For those who haven't put Equatorial Guinea in the log- this will be a good opportunity.

Sometimes opportunity affects ones priorities: Fred will celebrate his 65th birthday and his 44th wedding anniversary on this DXpedition. Good Luck, Fred!

What Does the SM do and what does a Director do?

Some frequently asked questions I get as Section Manager (SM) are: can you do something about QSL card delivery or can you assign me a frequency for a repeater or can you help me get a tower permit? In other words: What does the SM do?

All jobs have definitions or limits and the Section Manager is no exception. The SM is an unpaid volunteer elected by the membership with a fairly narrow job definition. ARRL has some paid staff that specializes in certain areas like membership or publications but the majority of the work is done by volunteers.

The SM makes appointments and coordinates programs. One of the SM's main jobs is a conduit of information. In the role of being an information channel the SM hears about a variety of subjects and may consult with either the staff at ARRL Headquarters or the Pacific Division Director, Bob Vallio, W6RGG. The Director is a volunteer elected by the membership of several sections, including Nevada, Hawaii and sections in Northern California. He is part of the board of directors which sets policy. Each director may also make appointments. One of

the director's appointments are Assistant Directors, another is the QSL manager and still another is the Volunteer Counsel. Your SM can only make suggestions in the choice of Bob's appointees. The SM does not appoint the Volunteer Counsel. We are in desperate need of attorneys in good standing to become Volunteer Counsel. If you are interested follow the instructions on the ARRL pages that tell about the job or contact the Director.

ARRL has no responsibility in frequency coordination however it prints a repeater directory and has a list of suggested pairs to be used. In the Hawaiian Islands Rick Ching, KH7O, (and a volunteer staff) is now the frequency coordinator. There have been three frequency coordinators in Hawaii. The first was a radio engineer named Jules Vetter, KH6YU. He formed a "Frequency coordination council" that met in his home on Round Top drive. Jules was followed by Pat Corrigan, KH6DD. There was an attempt to just pass the job on after Pat left. There were questions as to how the frequency coordinator got his authority. A memo was sent to the formal clubs of record and each club voted to affirm Rick as the frequency coordinator. The frequency coordinator therefore gets authority by agreement of the clubs in Hawaii. The SM may help with the negotiations but has no voice or vote in the selection of the Frequency Coordinator. When Rick is ready to move on some day, the new frequency coordinator should be agreed upon by the clubs however there is no set procedure. The frequency coordination website is <http://www.hawaiirepeaters.net/>

In some areas of the country several groups claim they are the frequency coordinator however legally there is no clear authority. (In a few cases the FCC had to step in and recognized one group for a particular area.) It is always best to govern ourselves.

Thanks to Ron Hashiro, Kevin Bogan, Richard Darling and others for the questions that are the basis of this article.

73,

Robert L. Schneider, AH6J

ARRL Pacific Section Manager's Report

The Month of August was eventful in the Pacific Section.

Starting August first Dennis Dura, K2DCD, joined the ARRL staff at headquarters as Emergency ARRL Preparedness and Response Manager. He has had a baptism by fire with all the disaster events across the county.

On Saturday August 4th there was the American Heart Association Heart Walk which starting at Kapiolani Park bandstand at 7:30AM HST and ending about 9:30AM. Thanks Wayne, NH6K.

Tuesday, August 7th was the monthly meeting of the Marianas Amateur Radio Club. Their weekly net meets at 11PM HST Sunday. It is actually 7PM Monday for them. On August 5 (Hawaiian Date) the net was accessible on the 146.94 Haleakala repeater. Thanks John, KH7T, for the information. It can usually be found on IRLP reflector 9254 or node 3672.

Kohala-Hamakua met Wednesday August 8th. Three new people passed their exam that night.

The Maui Club met Wednesday, Aug 8th at 7 p.m. in the Civil Defense EOC, basement level, County Building, Wailuku. Their program was about VOIP (voice over internet protocol) systems like IRLP, Echolink or CQ-100.

On Saturday August 11th Big Island ARC met. Harry Nishiyama presented the program on how to service antenna rotors.

During the week of August 12th Civil Defense on all islands was active. On Monday and Tuesday Hurricane Flossie threatened the state especially the Big Island near South Point. The most active CD was Hawaii County. AH6J and AH6JA arrived early Monday morning and rotated shifts until Wednesday morning when WH7BR providing relief. On Tuesday evening at 7:38HST an earthquake of 5.4 magnitude struck. There was little damage. The forecasted heavy rain did not come except for some isolated spots near South Point. All islands have been suffering from much lower than normal rain and several brush fires remained hard to control throughout the state. Wednesday afternoon at 1:40PM HST a magnitude 8 earthquake struck Peru. Immediately CD went back on alert after many people had left. It was unclear if a Tsunami was generated. Historically a similar earthquake caused one of the most destructive tsunamis in Hawaii so everyone was very nervous. The all clear came a couple hours later however a small tsunami was generated in the order of 18 to 20 inches which arrived about 2AM the next morning.

Hawaii county CD and all agencies kept their normal communications up and running. Cell phones worked especially well inside the concrete reinforced building.

On the amateur radio side at Hawaii County CD there was:

1. HF Pactor III
2. HF SSB voice
3. VHF packet
4. UHF IRLP using 9254 and 9259 reflectors
5. VHF Echolink
6. State-wide VHF RACES network
7. Big Island Wide Area Radio Net (BIWARN) VHF Repeater Network consisting of 5 VHF Repeaters and 3 UHF Link Repeaters all on emergency power operation.

In addition there was the Military Interoperability Network. HARNG and HIANG to JOC at Diamond

Head Crater. Harvey, AH6JA, had access to that system.

We experimented with voice over Internet Protocols. At first this was almost impossible with the existing DSL service until Oceanic Time-Warner, pulled in a high speed cable line to access Road-Runner. There were many wireless laptops looking at the satellite pictures of the storm and other weather information. It really bogged down the system before the upgrade. The Big Island remained in a Tropical Storm Warning and flash flood watch mode the entire time but was never upgraded to Hurricane Warning. The flash flood watch was canceled at 4:01AM HST Wednesday morning. There was a final briefing at 7AM. CD supplied food and drinks for the responders. The mayor had declared Hawaii Island a disaster area in anticipation of the storm. Schools remained closed three days. They were closed Wednesday because the decision had to be made Tuesday afternoon. By Wednesday afternoon many people had left and others were still hanging around when the news of the Peru Earthquake reactivated everyone. The need for more volunteers amateur Radio Operators to stand watch at disaster centers was immediately obvious.

The ARRL web page put out an article called Hawaiian Hams Heed the Call of Hurricane Flossie that seemed to say VoIP was the main mode when in truth the traditional modes did most of the work. The article was written with an emphasis on the VoIP modes and seemed to come from the east coast National Hurricane Center in Miami, WD4R. Some information came from Rob Macedo, KD1CY and other from K2DCD the new ARRL staff person in charge of Emergency ARRL Preparedness and Response Manager. There was little mention of the many amateur radio volunteers throughout the state of Hawaii who made this a successful near miss event. Connie McCurdy, NH7IE, using [NWS](#) Honolulu call sign KH6SW, acted as Net Control for an informal SKYWARN Net that became more formal on Tuesday as Flossie approached. Connie is the Vice President of EARC.

ARRL is a member of the State of Hawaii VOAD. Tuesday August 14th there was suppose to be a meeting and telephone call in however it was postponed like many events planned for those days.

The ARRL National Convention was held August 18-19 in Huntsville, Alabama. The site for next year had not been determined.

On Sunday August 19 the Kona ARS had their meeting followed by a Pot Luck lunch.

On Saturday August 25 the Hilo ARC had their 76th annual Summer Picnic at Wailoa River State Park in Hilo.

Upcoming

Saturday September 15th will be the 61st Aloha Festival Parade and as a special treat the USAF Thunderbirds will perform off Waikiki Beach.

Saturday September 22nd there will be a special presentation called Together We Prepare at the Kukui Grove Shopping Center, Kauai. Thanks WH6KS

Saturday October 6: Emergency ARC/Koolau ARC Swap Meet on Oahu. Testing available.

Saturday October 13th 2007 Simulated Emergency TEST

Saturday October 13th Kona Emergency Preparedness fair. Kona Ward LDS church.

Saturday October 20th ARRL Big Island Hamfest in Waimea aka Kamuela - Thanks KH7T/AH6J

Saturday October 27th Kauai United Way Walk-a-Thon. Thanks WH6KS

December is Christmas Party time. Contact your local club.

BIARC Members Photo Gallery

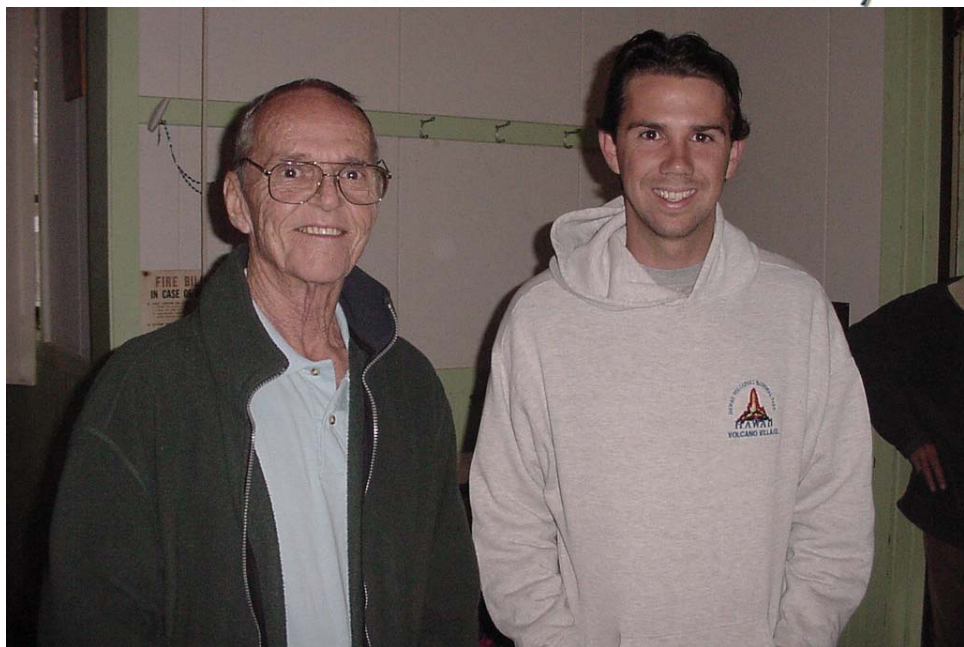


Sean NH7SA and Elisa NH7SX



Gloria

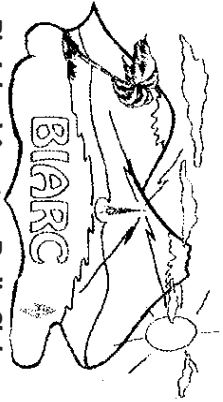
BIARC Members Photo Gallery



Ed NH6HT with Chris from the Big Board



Paul WH7BR showing Rim Run shirt



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P.O. Box 1938, Hilo, HI 96721