



THE MORNING AFTER -- Neighbors help each other clear fallen trees near the intersection of Paradise Road and 15 Road in Hawaiian Paradise Park.

As they do in times of emergency worldwide, amateur radio operators stepped up in early August to provide around-the-clock communications assistance before, during and after Hurricane Iselle arrived in the 50th State.

Though downgraded to a Tropical Storm by the time it hit the Big Island, Iselle's whipping, swirling winds and rain sent hundreds of huge trees and utility poles crashing in every direction.

High surf and flooding added to the devastation in lower Puna, where many roads were impassable, and power, phone and Internet services were knocked out for days and, for many, several weeks.

Throughout, hams have worked to keep communications flowing between the



Civil Defense Administrator Darryl Oliveira, third from right, in light-colored shirt, leads a meeting on hurricane preparations Aug. 4.

affected areas and county officials stationed at the Civil Defense Agency in Hilo.

Numerous BIARC members have been among the

hams helping out in many different capacities during the crisis -- both on and off the airwaves. These photos and accounts by no means

tell the whole story, nor pay tribute to anywhere near all who pitched in to assist at neighborhood, district and county levels.



Andre Robert, WH6EBA, spent countless hours putting up, positioning, repositioning and taking down antennas to provide emcomms between volunteers out in the field and officials at Civil Defense.



Doug Pase, AH6UD, comms officer for Leilani CERT, and Paul Agamata, WH6FM, comms engineer for Hurricane Iselle emcomms system for CERT-Civil Defense, stand by on opening day of the Pahoia Disaster Assistance Resource Center.



Doug Wilson, KH7DQ, comms officer for Volcano CERT, and Linda Quarberg, WH6LQ, (ACS), net control for Hurricane Iselle emcomms for CERT-CD (vice versa on second day), work at Pahoia Disaster Assistance Resource Center.



Patricia Reiss, NH7WX, at left, and Stephanie Bath, NH7AN, both emcomms for Volcano CERT, work at the Mountain View DARC.



Erick Cremer, WH6EKA, emcomms for Hilo Bayfront CERT, takes a break on the first day of Disaster Assistance Resource Center operations at the Mountain View Gym.

***Photos courtesy of
Hollyn Johnson,
Hawaii Tribune-Herald
Andre Robert, WH6EBA
Toni Robert, N0INK
Linda Quarberg,
WH6LQ***



Ham Radio Steps Up For Iselle

Ham Radio operators were called on to facilitate communications during Hurricane/Tropical Storm Iselle.

A Net was activated by Hawaii County Civil Defense on August 7, a day before Iselle made land fall, and was operated from Doug Wilson's (KH7DQ) house in Volcano on both HF and VHF frequencies.

The Net, relying on back-up power for 30 hours, relayed messages between the EOC and the people on the ground in Puna and other areas, who were providing water, ice, food and other emergency support for the victims of the storm, and with those who were making assessments of the affected areas.

Many BIARC members put in

countless hours maintaining the Net during and after the storm providing Situation Reports of rainfall, wind, road and bridge closures and structural damage to the EOC every two hours.

Doug Wilson (KH7DQ), as net control operator with Linda Quarberg (WH6LQ) as his backup, also broadcast information bulletins from the EOC on the location and times of various emergency supply distribution centers over the six day period the Net was active.

A separate Net was also maintained by Doug and Linda to handle communications for Volcano CERT team members who were deploying to various assignments during and after the storm.

BIARC members also assisted

with radio communications at the Disaster Assistance and Recovery Centers (DARC) at Pahoia Community Center and Mountain View Gym after the storm.

A big Mahalo to all who helped provide this important communications link during and after the storm.

This event, once again, demonstrates that when all else fails the ham radio community is there!

Photo, above, shows Doug Wilson, KH7DQ, on first of six days straight handling comms with wife, Linda Quarberg, WH6LQ, in compact quarters in Doug's Volcano ham shack.

Photo by Linda Quarberg, WH6LQ

BIARC Field Day 2014

The report from Wailoa Center

Field Day for me started 6-19-14, with a telephone call from President Bill Hanson, N0CAN, letting me know on my answering machine that George Bezilla, WH6EFN, had resolved BIARC's insurance problem with the DLNR for our permit to use the Wailoa Center as our ARRL contest site. Previously, at the club meeting that June, we had been informed that we did not have the DLNR permit, so the Wailoa site was canceled. Club members were unhappy with that news; so many mahalos to George, WH6EFN, for the victory.

Our president also asked me if I would be in charge of setting up the Wailoa FD, and getting a partner or more to do the event. My thanks to all who volunteered. This was a heroic effort in short notice.

Milt, KH6I, volunteered his Yaesu 857 and "X" beam, that made the day for sure. Tracy heard my request for volunteers on the air on 146.76 morning net. He volunteered to pick up the FD equipment at my QTH in Hilo FD morning at 6:30 a.m.

Friday night at 4 p.m. Bill, N0CAN, appeared at the Wailoa Center to help get the tables and chairs which we borrow from the center each year for the event. We moved them from storage to a accessible location for use on Saturday morning, the start of Field Day. We only got 2 tables and 12 chairs because we did not request them ahead of time. The bonsai exhibit got them.

The BIARC's antenna equipment consists of some guy ropes, stakes and one push-up pole unit, which we have used for many years. Last year, yours truly painted the pole sections red and white. It is a very handsome pole now. This pole has supported many a three-el-



Robert Oliver, NH6AH, at left, was in charge of activities at Wailoa Center on BIARC Field Day in June. At right, are Tracy, WH6DYR, and Jess, KH6UB.



ement yagi in the FD past. This year, due to some previous clandestine events, the club has only part of a 3-element yagi that is missing its reflector, so it was not used. For the FD occasion, I built the 10-meter yagi so we would have a good antenna for that band. Constructed of surplus parts that were collected, it should have about a 5,5db gain.

Our antenna array consisted of our 1 red and white sections push-up pole which supported my home-brew aluminum 10-meter two-element yagi with a gamma match feed, and a 100-foot 80-meter/40-meter wire trap dipole mounted near top as an inverted "V" configuration. The pole was 32 feet high. One section was too bent in a bow to use or we could have made 36 feet high.

The antenna party consisted of 4 on the guy ropes: KH6UB, Jess; KH6I, Milt; WH6DYR, Tracy, and NH6AH, myself. Tracy pulled it up as we balanced it. The pole went up easily and it looked good



We had a great potluck dinner at 5:30 p.m., with some very fine food dishes too numerous to mention.

against the blue morning sky. I wish we had a video, because everything went so well.

Next, Milt put together his "X" Beam for 20 and 15 meters. It was mounted on a 20-foot mast and tripod. The antenna resembles an inverted umbrella frame, only much larger. Wire made up the 20 and 15 meter elements. Sorry did not get the manufacturer. Many mahalos to KH7BR, Paul, who loaned us

his generator. It ran perfectly for the 24-hour event. On the air by 2042 GMT (10:42 AM HST), as per our log. Next year, let's start at 6 a.m. Ten meters was dead, but no "Murphy" on 15 meters. We could hear the East Coast. Our first contact was a local: KH6LC. Always work the strongest stations first. After my handing the mike over, NH7FY, Barbara, worked the Florida station.



Milt said later that several new operators got to hear short-wave "HF" for the first time. I took a break and came back later for lunch and worked CW for a while. Our luck was good and 15 meters was open all day long. The day went by and late in afternoon we went to 20 meters. It was open all night. Many thanks to all operators.

We had a great potluck dinner at 5:30 p.m., with some very fine food dishes too numerous to mention. Many mahalos to those who donated. KH7DQ, Doug, reported a good day at the Walmart event. We all enjoyed the food. A total of 29 people signed

our visitor log. KH6IMB had remote controlled a drone fly around at sunset.

Many mahalos to WH6EJZ, Arlen, a new ham who operated phone for several hours that night, and made quite a few contacts. Horizontal on a mat across the lanai, I could hear him making contacts. We need more nighttime operators.

The night weather was nice and clear.

Mosquitoes came up around midnight, but I fought them off with my stocking hat.

Later, within an hour, they left because it got cold and windy, and was clear with stars.

20 meters was open. 80 and 40 meters were in poor conditions with too much noise. Night-time CW is my favorite part of the hobby these days. Operated 20 meter CW until I had to lie down.

Fortunately, Beau, NH7WV, showed up very early Sunday morning. Operating early in morning before sun rise is always fun. Beau made a number of contacts. The West Coast stations are at last, always looking for Hawaiian stations. I went home for a nap and promised to come back at 7 a.m. for the antenna take-down.

It was a beautiful sunrise

Sunday morning as we arrived, me and my XYL, Joe'b.

The antenna removal began. Beau is a big guy. He remembered that the pole could be lifted to lower it from previous FDs. Beau needed an assistant to help when he lifted to remove the sections away. Joe'b volunteered.

The rest of us held the guy ropes, and the antenna mast came apart easily and down beautifully.

I wish we had had a video; maybe next year we will have more volunteers who want to come be radio heroes.

73,

Robert, NH6AH

Annual Hawaii QSO Party -- aka the HQP -- proved to be lots of fun at KH6LC

The 2014 Hawaii QSO Party was a lot of fun.

It's called a "Party," and not a "Contest," for a reason.

You're not competing against other stations as much as you're representing the State of Hawaii to the world Amateur Radio community.

The pace is slower and more relaxed than a contest, giving operators time to chat for a moment and offer a warm Aloha to friends both old and new.

This year's event was no exception.

Here at KH6LC, we always make the Hawaii QSO Party (HQP) a big event for us.

We operate in a Multi-Multi configuration, operating on 3 bands at once.

The operators this year were Curt AH6RE, Fred KH7Y, Stan AH6KO from Kona and myself.

With QSO totals just about evenly split between SSB and CW, our group made a total of 4,141 contacts, operating a total of 27 hours out of the available 48 hour period.

Operating time was also evenly split between operators, except I missed out on some due to being the designated chef.

Since I love to cook, it's a task I readily accept. Anyone who's operated here will tell you the ops always eat

well at KH6LC.

I always wonder why more local hams don't get on and support our own State QSO Party.

It's a low-key affair, you get to make a lot of people happy handing out Hawaii contacts and it's great practice, whether you operate SSB, CW or a Digi mode.

Please consider participating in the 2015 Hawaii QSO Party next August.

For additional info please visit the HQP website at: <http://www.hawaiiqsoparty.org/>

Lloyd Cabral, KH6LC

www.KH6LC.com



HF privileges open to all hams on 10 meters

All Technician Class Licensees have 10-meter privileges, so try your hand on HF!

The Aloha Chapter of Ten-Ten International Net, Inc. meets on 28.490 MHz, with an alternate frequency of 28.487MHz, every Monday evening at 6:30 p.m. HST. If you don't hear me, don't just listen, call "CQ!"

Help keep 10 meters in amateur radio hands.
Thanks and aloha.

—Irene, NH7PE

Get on 10-10 bandwagon & tour the world from home

10-10 International Net has no QSO Party in September, giving you plenty of time to refurbish your station -- from antenna to ground wire -- in preparation for the winter contest season.

It will give you time to plan your one-day Sprint (October 10: 10-10!), perhaps as a rover!

Remember to try grey line propagation during this height of Sun Cycle 24.

Ten-Ten's Fall CW QSO Party will be October 18-19.

The ARRL's 10-Meter Contest will be held December 13-14.

Dennis, KT5S, No. 17181, will be in Belize during the last week of September using call V31NX. Joel, F3CL, No. 36180, hopes to operate 9N4CJ September 24-October 7, and October 24-November 4, when he is off the mountain in Nepal.

A Bit of History

10-10 was established in 1962 to promote activity and good operating practices on the 10-meter band. The organization grew slowly, at first, but by 1975, there were 10,000 numbers issued, and the word International had crept into the name. In 1993, No. 65,000 was issued and the organization continued to grow. 10-10 No. 74,800 was issued in September

of 2007, which makes the Ten-Ten International Net, Inc., one of the largest amateur radio organizations in the world. It is a not-for-profit entity incorporated under the laws of the State of California. All officers, directors, managers and net officials serve on a voluntary basis.

See our website at www.ten-ten.org or www.10-10.org.

Irene, NH7PE, No. 74456

For those chasing the W1AW portable stations, here's a recent update on the 2014 count from each country that has amateur radio operators who have worked W1AW/portable. As of Aug. 29, here are some selected entities:

- 1,307 different Japanese calls
- 1,089 Italian
- 941 German

W1AW COUNT

- 642 Russian
- 562 - Canadian
- 487 Polish
- 449 British
- 447 Spanish
- 347 Ukrainian
- 323 French
- 244 Brazilian
- 242 Swedish
- 188 Siberian
- 129 Australian
- 125 Greek
- 99 Swiss
- 70 Chinese
- 64 Indonesian
- 64 Venezuelan
- 63 Mexican
- 63 Puerto Rican
- 56 Hawaiian
- 55 Alaskan
- 52 New Zealand
- 48 South African

- 43 Korean
- 30 Kazakhstani
- 15 Turkish
- 8 Saudi Arabian
- 1 Mongolian

Number of USA call signs worked?

- 13,117 different USA call signs worked thus far: Have you worked them yet?

-- KH6LC

Big Island Amateur Radio Club

P.O. Box 1938

Hilo, HI 96721

www.biarc.net

Officers for Calendar Year 2014

President: Bill Hanson, NOCAN, 989-4700
Vice President: Milt Nodacker, AH6I, 965-6471
Secretary: Leigh Critchlow, WH6DZX, 930-7330
Treasurer: George Bezilla, WH6EFN, 961-6323

Directors — 2014-2015

Toni Robert, N0INK, 937-2183
Barbara Darling, NH7FY, 982-9126

Directors — 2013-2014

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

(Club License Trustee: Paul Ducasse,
WH7BR, 985-9222)

Standing Committees (as of December, 2013)

Service/Awards: vacant
Education & Testing: Milt Nodacker, AH6I
Emergency: Paul Ducasse, WH7BR
Equipment: Milt Nodacker, AH6I
Health & Welfare: Barbara Darling, NH7FY
Membership: Richard Darling, AH7G
Hospitality: Jean Nodacker, WH7WT, 965-6471
Newsletter: Leigh Critchlow, WH6DZX
Repeater: Bob Schneider, AH6J
Webmaster: Curt Knight, AH6RE

Special Committees

Field Day Chair: Robert Oliver, NH6AH (969-9993)
Hamfest Chair: Bob Schneider, AH6J
co-Chair: Dong Wilson, KH7IXQ
QSL Bureau Chair: Barbara Darling, NH7FY

Meetings and Get-Togethers

Membership meetings: Second Saturday of each month at 2 p.m. at the Kaaunohiwi Community Center
Friday Lunches: A group meets for lunch every Friday at 11.30 a.m. at Kow's Chinese Restaurant in Hilo at 87 W. Kawailani St., just above Kinoole Street behind the Shell station.



East Hawaii 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 MHz repeater. Backup is 146.76 simplex. All are welcome to check in.

BIWARN Accessible Repeaters

Repeaters in bold font are BI WARN/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- Kaaunohiwi limited area KH6EJ
- 146.76- Kula KH6EJ
- 146.82- Mauna Loa ARES KH6EJ
- 146.88- Pepeekeo 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+ Kaanapali, Maui (136.5)
- 442.5+ Kaaunohiwi 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)



Puna Regional Emergency Preparedness (PREP) Fair



Photographer John Bush, KH6DLK/V63JB, spent several hours at the second Puna Regional Emergency Preparedness (PREP) Fair Aug. 30 at Keaau High School. The fair, chaired by Marlene Hapai and BIARC President Bill Hanson, NOCAN, offered close to 80 booths and activities manned by hundreds of community volunteers, among them many representatives of the East Hawaii ham community.



Amateur radio operators play a major role before, during and after a disaster. Lots of verbal and written information on this vital avocation was shared with folks attending the Aug. 30 Puna Regional Emergency Preparedness (PREP) Fair at Keaau High School.

KH6DLK/V63JB photos





KH6DLK/V63JB photos

AH6J offers encouragement to the next generation of amateur radio operators at the ARRL booth at the Puna PREP Fair.



Working on the mapping of neighborhood emergency routes.



Amateur radio classes set for East Hawaii

Vice President Milton Nodacker, AH6I, announces that beginner-level classes for the Technician amateur radio license will be conducted in October and November in Puna and Hilo. There is no charge for the class.

The Puna class begins 2 October at the Orchidland LDS meetinghouse, between Keaau and Pahoia on Highway 130 at Orchidland Drive. This class runs six weeks, with the exam session on the seventh week. Starting time is 6:30 p.m.

The Hilo class is a special two-day class conducted on Saturdays, 25 October and 8 November beginning at 8:00 a.m. both days. The October class will end at about 4:00 p.m.; the November class will end at 2:00, with the exam immediately following. The Hilo class will be at the LDS meetinghouse at 1373 Kilauea Ave. in Hilo (next to the 7-Eleven).

For more information, contact Milt at 965-6471 or nodacker@gmail.com.

Deadline for October newsletter is Sept. 20

Please submit all photos and stories for the October BIARC Newsletter no later than September 20. Contributions from members are welcomed.

Mahalo

Editor's note: Any opinion contained in any edition of this monthly club newsletter is that only of the respective writer and not of the Big Island Amateur Radio Club or its membership.

*Leigh Critchlow, WH6DZX
Editor*