September 2025

# The Big Island Hamgram

The newsletter of the Big Island Amateur Radio Club


## Help get Hilo parade off to a sharp start

Five radio operators are needed to help launch the Nov. 8 Hilo Veterans Day Parade.

"I need 5 volunteers to work at the staging area of the parade to make sure everyone is their proper location and to get the participants started in an orderly fashion," said Jim Tatar, WH6EMN.

"If you are going to be in the parade we will put you in the location of your group so you can depart with them.

"Please arrive by 8 a.m. We will be finished as your group or the last unit leaves the staging area, whichever comes first.

"I will have GMRS radios with me to use, so you don't need to bring a radio. I will pick up radios as you depart the staging area. We'll all be within a few hundred feet of each other."

More details at the October meeting. Contact Jim at (808) 960-1545 or james.tatar@yahoo.com.

## BIARC meets Sept. 14: board at noon, then program from 2-5 p.m. at Kamana S.C.

The club's monthly sessions will be on Sunday, Sept. 14, at Kamana Senior Center in Hilo.

The BIARC Executive Board will meet at noon. All members are invited.

The main program focus at 2 p.m. will be "Part II of 10-Meters for Technicians."

And from approximately 4-4:45 p.m. Darrell KH6RDO and Tony WH6DVI will give a talk and training class on how to participate in Grid Madness on Sept. 28. This will be followed by a practice run. *(See adjacent story.)*

To attend the meetings online go to the club website, biarc.net, for access.

The center is at 127 Kamana St.

## Hawaiian Islands Grid Madness—2025


Hawaiian Islands Grid Madness time is drawing near.

This popular Hawaii VHF/UHF simplex contest will return Sunday, Sept. 28, from 1300 to 1700W.

The event's blogspot is being updated with new details for this year, so check that out as the event gets closer at https://gridmadness.blogspot.com/.

Rules and instructions will be posted.

(As noted in adjacent article, and stories on Page 2, Darrell KH6RDO and Tony WH6DVI will discuss Grid Madness and answer questions in the latter portion of the monthly BIARC program, which will run from 2-5 p.m. Sunday, Sept. 14 at Kamana Senior Center in Hilo.)

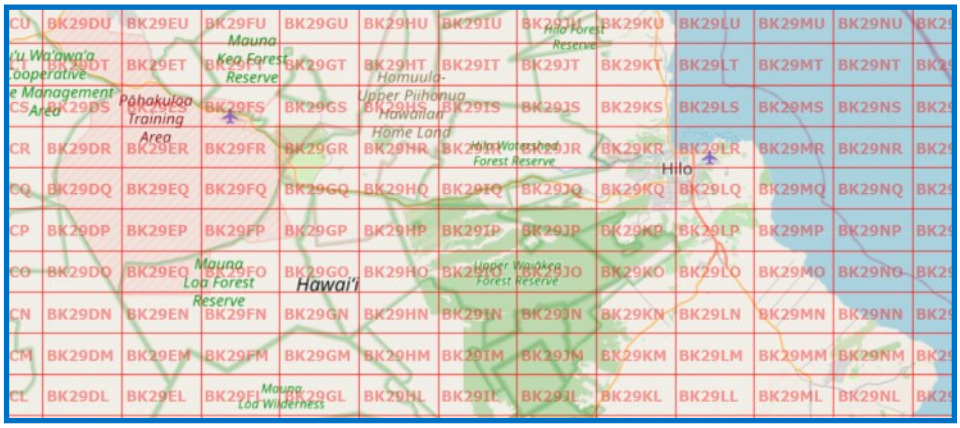
All are invited to sign up for the event's listserve info site for updates and to ask questions and discuss various aspects of the event. Go to: GridMadness@groups.io

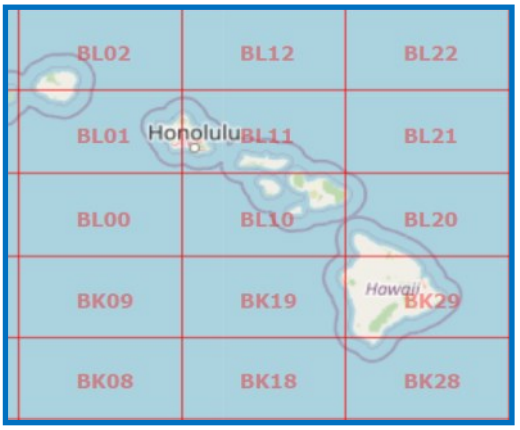
The four-hour event is designed for EMCOMM practice, and for FUN. Test your equipment, coverage and operating skills using FM simplex on 6 meters, 2 meters, 1.25 meters and 70 cm.

- For all hams in the state of Hawaii.
- Enter in HT, Mobile, or Base class.
- Contact as many stations as you can in as many Grid Squares* as you can, using SIMPLEX ONLY.
- Exchange call sign, contact number and Grid Square.
- Score points for each contact, one multiplier for each new grid. Participants will send their logs in electronically.

Questions? Send email to gridmadness@gmail.com.

***So, what are Grid Squares, anyway? And, how do I prepare to participate in this fun event?*** ***See Page 2***




# Here's how to find your grid square and get ready for GM event

***By Mel KH6EKD***
***Interim GM host***
***GridMadness@groups.io***

**A hearty welcome to those who joined our GM chat group in the past few days.**

**Grid Madness 2025 will be held on Sunday, Sept. 28, from 1300 until 1700 HST. (GM historically has been on the third Sunday of September, but we have hams providing support for the Ka'u Coffee Run on that weekend, so we moved GM back till the fourth Sunday for this year.)**

**Please bear with us as we wait for our webmaster to update the GM website to reflect this year's information. (gridmadness@gmail.com https://gridmadness.blogspot.com/)**

**Some of you have requested a demo of how GM works. Well, I have good news for you. BIARC (the Big Island Amateur Radio Club) has agreed to allot some time during their normal club activity scheduled for Sunday, September 14, at 2PM at the Kamana Senior Center in Hilo. (See stories on Pages 1-2.)**

**Darrell KH6RDO will provide a live demo of how contacts are made and logged. We plan to have sample Logger Sheets ready for download prior to that event. We'll keep you posted.**

**The great part of BIARC activities is that they are shared on Zoom, so those of you who can't attend in person can still participate in this live presentation. For access, go to biarc.net.**

**Now for the newbies, here's some background of the Maidenhead Grid Square system.**

**During a 1980 meeting in Maidenhead, England, the IARU (International Amateur Radio Union) adopted a method of identifying each location on earth.**

**A. The planet is divided in Grid zones, each 20 degrees wide (longitude) by 10 degrees high (latitude), roughly 1400 miles by 700 miles. Each is identified by two upper case letters.**
**(These are not actual squares or rectangles, but we'll call them squares for simplicity.)**

**Hawaii is located in grids BL and BK.**

**B. Each zone is divided into 100 squares identified by two numbers. These squares are 2 degrees of longitude by 1 degree of latitude, or roughly 70 x 100 miles. (These numbers and shapes change as you move away from the equator.)**

**C. Each grid square is further subdivided into 576 sub squares identified with two lower case letters. Each sub square is 5 minutes of longitude by 2.5 minutes of latitude, approximately 3 x 4 miles.**

**A map of these Maidenhead squares can be viewed at https://dxcluster.ha8tks.hu/hamgeocoding/**

**Zoom in on the map for greater details; find your grid location. Diamond Head is located in grid BL11cg.**

**The purpose of Grid Madness is to make a contact in as many grid squares as possible. You can remain stationary and see how many stations you can talk to in another square, or else you can drive around to different squares and make contact with the same person.**

**For the new folks, this contest will show you how far your small radio can reach with just a few watts of power. Also, it's a good exercise in entering different frequencies into your radio.**

***Hope this helps.***
***Mel KH6EKD***

**Darrell KH6RDO offers this outline for the Grid Madness coaching session at the BIARC meeting on Sunday, Sept. 14, at Kamana Senior Center in Hilo:**

**From 4-4:45 p.m. indoor class and coaching; followed by outdoor dry run to familiarize participants with how it all works.**

**Here's what he and Tony WH6DVI have planned:**

**-- Start with explanation for the purpose of Grid Madness.**

**-- Explain how the contest works, what information is to be exchanged, and how to fill out the log sheet.**

**-- Explain how a relay works and how to fill out the form.**

**-- Do an example on the radio.**

**-- Then go outside to have each student call each other and exchange info.**

**This format will allow those attending online to participate in the bulk of the exercise.**

**There are some prerequisites that people who want to attend need to do before participating in the Grid Madness tutorial.**

**1. Program your radio with the Grid Madness frequencies.**

**2. Print out log and relay sheets in Grid Madness packet Pages 3-4 at *https://gridmadness.blogspot.com/* and bring them with a pen and a clipboard to the class. "If zooming, have that on hand. We will be referring to it during the class."**

**3. Download "Easy QTH Locator" or similar function in your phone or computer. You will use this to determine your grid square.**

**"If you are attending in person, bring your radio. We will be doing a simulated Grid Madness run at the end of the class outside," said Darrell. "All hams are invited."**

## Resilience Through Amateur Radio for National Preparedness Month 2025


September is National Preparedness Month, which is a good time to look at your personal, family, and community resilience levels. For 2025, the National Preparedness Month theme is "Preparedness Starts at Home."

Amateur radio is a valuable resource for communication and community service before and during times of crisis, and can be a significant factor in your home's level of preparedness.

"Now is the time to make sure everything is in order," said ARRL Director of Emergency Management Josh Johnston, KE5MHV. For hams, it means taking the time to check their equipment – from the ground to the antenna, so that it is ready. "Many hams already participate in daily, weekly, and monthly nets that help them hone their communication skills, but if you're not already active in one, this could be a good opportunity to get into it," said Johnston.

To extend your personal preparedness into helping provide community resilience, Johnston invites operators to become active in their local ARRL Amateur Radio Emergency Service® (ARES®) activities. "ARES has been leveraging the utility value of the Amateur Radio Service for 90 years," he said. "We saw last year during Hurricane Helene how vital of a lifeline ham radio operators were for the affected areas."

The National Oceanic and Atmospheric Administration (NOAA) is predicting an above-normal 2025 Atlantic hurricane season.

Hurricane Watch Net (HWN) Manager Bobby Graves, KB5HAV, says that should motivate hams, but not scare them. "Never let your guard down," said Graves. "Don't live your life in fear, just be aware." Graves added that his net operators are spread across the Western Hemisphere, but they still have training sessions via radio nets and Zoom meetings.

# Hawaii County Siren Report for September 2025

## From Darrell Asuka, KH6RDO, for the Big Island ARES Group

| Location | Observer | Mode | Status | Notes |
|---|---|---|---|---|
| | | | NOT WORKING | |
| HOVE Shopping Center #1 Kuhio Blvd ( | KH7MS | DMR | Not Working | car accident |
| Kamehameha Park Kohala (HA503) | WH7WZ | Text | Not Working | |
| Kolekole (HA112) | KH6RDO | Allstar | Not Working | rotates only |
| | | | PARTIALLY WORKING | |
| Shipman Park Keaau (Ha901) | AH6J | Allstar | Partially Working | weak audio from his place |
| | | | WORKING | |
| Ainako Park (HA117) | WH6FSA | Mauna Kea | Working | |
| Banyan / Kam (HA104) | KH6ATU | Text | Working | |
| Captain Cook (HA702) | WH6WF | Text | Working | |
| Carvalho Park (HA114) | NH6WT | DMR | Working | |
| Cooper Center Volcano (HA936) | WH6GXZ | Allstar | Working | |
| Downtown Federal Bldg (HA107) | WH6HBH | Allstar | Working | |
| Hakalau (HA113) | WH6ECX | Allstar | Working | |
| Honoapu (HA802) | WH6HC | DMR | Working | |
| Honomu (HA111) | KH6RDO | Allstar | Working | |
| HOVE Reef Blvd #3 (HA809) | WH6FC | DMR | Working | |
| HOVE, #1 Leilani (HA805) | WH6GYC | DMR | Working | |
| HPP #1 Paradise / Ala Kai (HA925) | KH6CZ | Mauna Kea | Working | |
| HPP #3 6th & Makuu (HA913) | NH6OV | Mauna Kea | Working | |
| Kaumana School (HA125) | KH7BR | Email | Working | |
| Kawaihae Harbor (HA407) | WH6EHJ | Mauna Kea | Working | |
| Kawailani / Kanoelani (HA105) | WH6EMN | Mauna Kea | Working | |
| Keokea Park Kohala (HA502) | WH7RE | Text | Working | |
| Laupahoehoe Lookout (HA201) | WH6FSE | Allstar | Working | |
| Laupahoehoe Point (HA202) | WH6FSI | Allstar | Working | |
| Mountain View (HA901) | WH6LC | Email | Working | |
| Naalehu (HA801) | WH6HC | DMR | Working | |
| NELHA Kona (HA611) | WH6GTD | Text | Working | |
| Ookala (HA304) | WH6GDC | Allstar | Working | |
| Puako General Store #1 (HA405) | WH6EHJ | Mauna Kea | Working | |
| Waa Waa (HA937) | NH7PE | Text | Working | |
| Waiaka Bridge Kamuela (HA402) | WH6EHJ | Mauna Kea | Working | |
| Waikaumalo Park Ninole (HA123) | WH6FIQ | Allstar | Working | |
| Waimea Park Kamuela (HA401) | WH6EHJ | Mauna Kea | Working | |
| HOVE, #2 Community Center, Leilani (I | WH6HDG | DMR | Working | |
| Mohouli Park (HA120) | WH6GZZ | Allstar | Working | |
| Mohouli Park (HA120) | WH6GNK | Email | Working | |


The BIARC channel on Youtube is: https://www.youtube.com/@BigIslandAmateurRadio-Club

## Hurricane Watch Net Marks 60 Years of Service


This Labor Day weekend, the Hurricane Watch Net (HWN) celebrated its 60th anniversary of providing critical communications support to the National Hurricane Center (NHC) and communities impacted by hurricanes.

As Hurricane Betsy was pummeling the Caribbean on Labor Day weekend 1965, a ham radio operator started hearing calls for information from operators in the Bahamas. Jerry Murphy, K8YUW, sprang into action. He began relaying surface data and storm conditions to help those in the path.

That first net paved the way for what would become the Hurricane Watch Net.

HWN has been active for 156 landfalling hurricanes, including 60 major hurricanes (Category 3 or stronger). Of those, 12 struck as Category 5 hurricanes. The net's longest continuous activation occurred during Hurricane Matthew in 2016, when operators remained on the air for 151 hours straight. Among the deadliest storms ever recorded by the net was Hurricane Mitch in 1998, which claimed more than 11,000 lives in Central America.

HWN operates on 14.325 MHz and 7.268 MHz, often simultaneously, with net control stations strategically positioned throughout the region to maximize coverage.

"The Hurricane Watch Net continues to serve the public interest by helping save lives during hurricanes. We are proud to carry forward the vision of our founder, Jerry Murphy, who passed earlier this year at age 88," said HWN Manager Bobby Graves, KB5HAV.

For more information about the HWN, or to get involved as a volunteer, visit **www.hwn.org**.

## 2025 Hawaii QSO Party @ KH6LC

**Heather AH7RF — with Ken N6KB, Lloyd KH6LC and Carl KH7BB — hard at work during the annual Hawaii QSO Party at KH6LC.**

**The Swedish Amateur Radio Association (SSA) will celebrate its 100th anniversary September 10 – October 12, 2025**. There will be 8 special event stations on the air: SB100SSA, SC100SSA, SD100SSA, SE100SSA, SF100SSA, SM100SSA, 7S100SSA, and 8S100SSA, using bands from 160 to 10 meters and modes including SSB, CW, and digital (FT8, FT4, PSK, RTTY). Each special event station may be worked only once per day on the same band and mode. Contacts may be repeated on the following day. Each contact with a special event station earns 1 point for European stations and 3 points for DX stations (outside Europe). All anniversary stations will use real-time logging at hamaward.cloud. There will be several awards, including: Points award — minimum of 100 points; "All award" — QSOs with all 8 special event stations on all three modes (24 total); and plaques for highest point score in each continent (minimum 100 points). All awards and eQSL cards can be retrieved electronically from hamaward.cloud. The Swedish Amateur Radio Association was founded on September 10th, 1925. SSA invites all radio amateur operators around the world to participate in its centennial award activity.

Here's an updated link to get on the BIARC Discord server. The old one had expired.

https://discord.gg/U3f9wsrj

## BIARC Executive Board

**Thomas Avila, KH6GG, was re-elected club president at the January BIARC Executive Board meeting. Others on the 2025 leadership team are Vice President David Miller, KH6CZ, Secretary Joseph Rosenbaum, WH6JOE, and Treasurer Tony Kitchen, WH6DVI.**

**The seven-member board also includes two at-large directors, Mark Watanabe, WH6FSA, and Shawn Farley, WH6GXZ, and our KH6EJ station trustee, William Polhemus, NH6ET.**

**Members of the club are encouraged to get involved at a committee level on one or more of the BIARC standing committees. There are many ways to help, and the committee activities vary widely.**

**As NH6ET noted, the committee level is where things happen. And the committees need "boots on the ground." So, if you see a committee focus that interests you, hop aboard.**

**Here are the committees:**

**Digital Systems: Luke McKay WH6GRW(Chair), Gary Schwiter WH6EPS, Shawn Farley WH6GXZ, Trevor Manago KH6IM and Jason Estrella WH6GZZ**

**Education and Outreach: David Miller KH6CZ(Chair), Joe Rosenbaum WH6JOE, Mark Watanabe WH6FSA, Fred Fischer WH6HAA, Jim Tatar WH6EMN, Leigh Critchlow WH6LC, Les Hittner K0BAD**

**Operating Activities: Joseph Rosenbaum WH6JOE(Chair), John Bush KH6DLK, Tony Kitchen WH6DVI**

**Programs: William Polhemus NH6ET (Chair), Joseph Rosenbaum WH6JOE**

**Public Service Communications: Les Hittner K0BAD(chair), Jim Tatar WH6EMN**

**Voice Repeaters: Trevor Manago KH6IM(chair), Gary Schwiter WH6EPS, William Polhemus NH6ET, Joe Rosenbaum WH6JOE, Steve Brown KH6SB, Stefan Pommerenk NH6SP, Shawn Farley WH6GXZ, Luke McKay WH6GRW, Frank Roff KH6BFD**

**Meeting refreshments: Chair Jim Tatar, WH6EMN**

**The BIARC board meets at noon on the second Sunday of each month, followed by the 2 p.m. monthly membership program, at Kamana Senior Center in Hilo. All members are welcome at both sessions, and the meetings are accessible live via the Internet. Find the links on our website, biarc.net.**

# BIARC Operating Statement

| | 2025 Budget | Actual 8/9/25* |
|---|---|---|
| **Income:** | | |
| Dues | $1,300.00 | $1,395.00 |
| Repeater and general Donations | $400.00 | $403.74 |
| Humanitarian Donations | $100.00 | $0.00 |
| PayPal Convenience Fees | $26.00 | $40.51 |
| **Total Income** | **$1,826.00** | **$1,839.25** |
| | | |
| **General Fund Disbursements:** | | |
| ***Committees*** | | |
| Digital Systems | 0** | $333.15 |
| Education & Outreach | $75.00 | $0.00 |
| Operating Activities | $400.00 | $117.78 |
| Programs | $100.00 | $0.00 |
| Public Service Communications | $0.00 | $0.00 |
| Voice Repeaters | 0** | $0.00 |
| ***Club Administration*** | | |
| Club Liability Insurance | $220.00 | $200.00 |
| Club Equipment Insurance | $220.00 | $0.00 |
| Equipment | $400.00 | $0.00 |
| P. O. Box Fee | $280.00 | $296.00 |
| Humanitarian Awards | $0.00 | $0.00 |
| Office Supplies/Bank Fee/Misc. | $10.00 | $0.00 |
| Online Services | $175.00 | $226.58 |
| Paypal Transaction Fees | $46.00 | $20.13 |
| **Total Expenses** | **$1,926.00** | **$1,193.64** |
| | | |
| **Net** (Income - Expenses) | | **$645.61** |
| | | |
| **Account Balances:** | as of: 8/9/25 | |
| BOH checking Account | | $4,258.26 |
| Namecheap Balance (Website) | | $1.00 |
| Paypal Account Balance | | $1,375.49 |
| **Total** | | **$5,634.75** |
| | | |
| **Fund Balances:** (8/9/25) | | |
| Infrastructure fund | $3,106.04 | |
| Humanitarian Fund | $467.00 | |
| Emergency Reserves | $1,000.00 | |
| General Fund | $1,061.71 | |
| **Total Funds** | **$5,634.75** | |

* Income figures show dues and donations received for the 2025 dues year.

** 2025 Voice Repeaters & Digital Systems Projects will be funded from the Infrastructure Fund.
(Per Motion at February 15th Board Meeting)

**Donated Fund Summary:**
As of: 8/9/2025

| Year | BIARC Equipment Budget | Donations (Credit) | Equipment Purchases & Maintenance Costs | $ Covered By Fund | Repeater Fund Balance |
|---|---|---|---|---|---|
| 2017 | $600.00 | $273.00 | $932.75 | $332.75 | -$59.75 |
| 2018 | $1,000.00 | $235.00 | $266.98 | $0.00 | $175.25 |
| 2019 | $500.00 | $255.00 | None | $0.00 | $430.25 |
| 2020 | $500.00 | $501.72 | $436.78 | $0.00 | $931.97 |
| 2021 | $600.00 | $1,595.00 | $1,548.28 | $948.28 | $1,578.69 |
| 2022 | $950.00 | $729.00 | $0.00 | | $2,307.69 |
| 2023 | $950.00 | $455.75 | $2,626.92 | $586.84 | $2,176.60 |
| 2024 | | $858.85 | $0.00 | | **$3,035.45** |
| 2025 | | $403.74 | $333.15 | $333.15 | **$3,106.04** |

**Notes:** This fund holds amounts donated to be used for communications infrastructure, maintenance, & upgrades.

**Humanitarian Fund:**

| Year | $ Donated | Amount Spent | Balance |
|---|---|---|---|
| 2022 | $395.00 | $140.00 | $255.00 |
| 2023 | $158.75 | $0.00 | $413.75 |
| 2024 | $53.25 | $0.00 | $467.00 |
| 2025 | | | |

## BIARC Treasurer's Report:

**As of 8/9/25 BIARC has 64 paid members. The following new disbursement was made since the last report:**

**Check#1869 $10.46 (Marvin Kitchen-Reimbursement for BIARC Google Workspace payment made for July 2025)**

# BIARC Executive Board meeting minutes

**Subject to final revision and approval at the next BIARC Executive Board meeting.**

## August 10, 2025
## Kamana Senior Center

The meeting was called to order at 12:17 pm by Board Vice-President David Miller. A quorum of 6 board members were present.

### Attendance:

- Board members: Thomas Avila, David Miller, Tony Kitchen, Mark Watanabe, Shawn Farley and Joseph Rosenbaum.

### Secretary's Report and Minutes:

- Mark moved and David seconded to approve the July 2025 Secretary's report. Motion passed.

### Treasurer's Report:

- See attached. Joe moved and Thomas seconded to approve the Treasurer's report, subject to audit. Motion passed.

### Committee reports:

### Digital Systems:

- Nothing new to report.

### Education and Outreach:

- See attached.

### Operating activities:

- Secured venue and permissions for the CQWW SSB contest on October 25th at the Kamana Senior Center in Hilo from 9am- 5pm.

### Programs:

- Today was part 1 of 10 meter operations for technicians. Part 2 will be at the September member activity.

### Public Service Communications:

- Nothing new to report.

### Voice Repeaters:

- Nothing new to report.

**Old Business:** Discussion was held on meeting dates/times and was tabled until the September meeting.

### New Business:

- Discussion was held to present proof of our liability insurance to Kamana Senior Center in order to secure permission to have an antenna and cable setup for radio operations on their premises.
- Joe moved and Thomas seconded to purchase a laptop computer not to exceed $400 for Operating Activities and Education and Outreach events, etc. Motion passed.
- Tony moved and Thomas seconded to purchase a camera tripod for the club ATAS 120A antenna. Motion passed.
- Discussion was held on possible venues for operating events such as Field day, CQWW, etc.

- Discussion was held on the humanitarian fund. It was decided that requests would be handled on a case-by-case basis. The requirements for consideration include a written request outlining their financial need for which purpose(s.)

David moved and Thomas seconded to adjourn the meeting at 1:11. Motion passed.

### Next meetings:

- The next meeting will be held on September 14, 2025 at the Kamana Senior Center in Hilo. The Executive Board meeting will be at 12;00 pm and the member activity will be at 2:00 pm. Both meetings can be attended online, the links are on biarc.net

***Respectfully submitted,***
***Joseph Rosenbaum***
***Secretary***

# BIARC Education & Outreach Committee Report – Sept 1, 2025

Aug 1 – Participation of BIARC/E&OC members in monthly Siren Test Net.

Aug 2 and 3 – BIARC/E&OC members attended "Auxcomm" Training at the HCCDA EOC in Hilo. FCC Representatives were on hand to deliver the course to participants. Certified: Thomas (KH6GG), Luke (WH6GRW), Mark (WH6FSA), David (KH6CZ), Darrell (KH6RDO)

Aug 10 – Participation in the BIARC Executive and Member Meetings at Kamana Center.

Aug 14 – Attended BIARC Exec and Member Meetings

Aug 19– E&OC at the Keaau Elementary School Science Fair w Fred and Jim, Joe

Aug 23 – E&OC at the Latter Day Saints Emergency Preparation Event w Mark, Fred

Aug 26 – Attendance at the Trauma Center " Stop The Bleed" Course at the Hilo Beniof Medical Center

## Scheduled

Sept 1 – Participate in the Siren Test Net.

Sept 6 – Participation in Fern Forest Emergency Preparation Event, 10 to 2.

Sept 8 through 12 – Auxcomm Course participants are invited to attend Courses ICS-300 and 400, to be held at the Hilo EOC. This is a 5-day class.

Sept 18 – Airport Emergency Exercise

Sept 24 – HVOAD Monthly Comms WG Meeting via Zoom

Oct 1 – E&OC at the Waiakea Elementary School Science Night

## Planned

- Further development of ham radio via Video Programming.
- Refine and finalize "Minor" Photo Release procedures for E&OC supported events.
- Museum of Science and Technology agenda through 2026

## BIARC E&OC Membership

Leigh Critchlow WH6LC, Fred Fischer WH6HAA, David Miller KH6CZ, Joe Rosenbaum WH6JOE, Jim Tatar WH6EMN, Mark Watanabe WH6FSA, Les Hittner K0BAD

David Miller, Education and Outreach Committee, BIARC

# Meshtastics in Hawaii

## Monthly compilation BY KH6RDO, continues on next several pages

| Name | Approximate Location | Island | Device |
|---|---|---|---|
| Dewey, nh6m | Ahikawa Kailua-Kona | Hawaii | heltec-wireless-tracker |
| Meshtastic cc7f | Ahikawa K-K | Hawaii | |
| Meshtastic 12a8 | Ahualoa | Hawaii | rak4631 |
| Meshtastic 60f3 | Ahualoa | Hawaii | rak4631 |
| Meshtastic b981 | Ahualoa | Hawaii | rak4631 |
| WH6HAA-M1 | Ainaloa | Hawaii | tracker-t1000-e |
| HBMC1 | Amaulu | Hawaii | station-g2 |
| Farley- Server | East Volcano | Hawaii | station-g2 |
| Foh-ENV | East Volcano | Hawaii | rak4631 |
| Hitchiker | East Volcano | Hawaii | tracker-1000-e |
| hitchiker rf udp | East Volcano | Hawaii | heltec-v3 |
| hitchiker-udp | East Volcano | Hawaii | portduino |
| LM-Base | East Volcano | Hawaii | station-g2 |
| LM-Experimental | East Volcano | Hawaii | portduino |
| LM-Meshsense | East Volcano | Hawaii | heltec-v3 |
| LMTK-7c | East Volcano | Hawaii | tracker-t1000-e |
| Nurse Dude AlphanuZ | East Volcano | Hawaii | heltec-mesh-node-t114 |
| Nurse Dude tdeck | East Volcano | Hawaii | t-deck |
| Nurse Dudes Vision | East Volcano | Hawaii | heltec-vision-master-t190 |
| Ranches base | East Volcano | Hawaii | rak4631 |
| WH6GXZ Mini Mesh | East Volcano | Hawaii | portduino |
| wh6gxz-udp | East Volcano | Hawaii | portduino |
| WH6GZX-Fox | East Volcano | Hawaii | portduino |
| Meshtastic 92ac | East Waimea | Hawaii | heltec-v3 |
| pi4-30db-whha | East Waimea | Hawaii | portduino |
| Kohala 8CA6 | Hawi | Hawaii | rak4631 |
| Meshtastic 70c4 | Haw'n Ocean View | Hawaii | |
| BK72 | Hillside-Sunrise Sub | Hawaii | tlora-v2-1-1p6 |
| F2PB1 | Hillside-Sunrise Sub | Hawaii | tlora-v2-1-1p6 |
| GIX8 | Hillside-Sunrise Sub | Hawaii | tlora-v2-1-1p6 |
| GIX9 | Hillside-Sunrise Sub | Hawaii | t-deck |
| GIXPBT2 | Hillside-Sunrise Sub | Hawaii | tlora-v2-1-1p6 |
| HI Mesh Project - Waiakea CERT Team 2 | Hillside-Sunrise Sub | Hawaii | heltec-v3 |
| WH6GIX | Hillside-Sunrise Sub | Hawaii | tlora-v2-1-1p6 |
| Canuck | Hilo | Hawaii | rak4631 |
| Demo1 | Hilo | Hawaii | station-g2 |
| KH6RDO Hilo | Hilo | Hawaii | rak4631 |
| Meshed Potatoes | Hilo | Hawaii | station-g2 |
| Meshtastic 3151 | Hilo | Hawaii | t-echo |
| Naboa 1 | Hilo | Hawaii | heltec-v3 |
| PHTO | Hilo | Hawaii | rak4631 |
| PM T1000 d7e0 (mobile) | Hilo | Hawaii | tracker-t1000-e |
| Potala MV a747 | Hilo | Hawaii | rak4631 |
| Wh6EMN-B | Hilo | Hawaii | station-g2 |
| WH6EMN-Demo-M3 | Hilo | Hawaii | tracker-t1000-e |

**MESH-TASTIC MODE NODE MAP GROWS EACH DAY**

| | | | |
|---|---|---|---|
| WH6EMN-M1 | Hilo | Hawaii | tracker-t1000-e |
| WH6EMN-M2 | Hilo | Hawaii | nano-g2-ultra |
| WH6FSA-M | Hilo | Hawaii | tracker-t1000-e |
| WH6HEO_BB30 | Hilo | Hawaii | heltec-v3 |
| Solar Pad alpha | Honokaa | Hawaii | rak4631 |
| AH6DL 6DL1 | Honomu | Hawaii | rak4631 |
| AH6DL Honomu T | Honomu | Hawaii | Liligo t-beam S3 core |
| AH6DL roam a05e | Honomu | Hawaii | t-echo |
| HOV2 c318 | HOVE | Hawaii | heltec-v3 |
| KH7MS-Home | HOVE | Hawaii | heltec-v3 |
| KH7MS-M2 | HOVE | Hawaii | heltec-v3 |
| Ranchos_meshtastic e888 | HOVE | Hawaii | tlora-v2-1-1p6 |
| Ranchos2 | HOVE | Hawaii | nano-g2-ultra |
| WH6FC_Mesh_dcc6 | HOVE | Hawaii | t-echo |
| Meshtastic 07e4 | Hualalai 4 Seasons | Hawaii | |
| solar kilo | Hualalai 4 Seasons | Hawaii | rak4631 |
| Patches | Hualalai Villas | Hawaii | tracker-t1000-e |
| Meshtastic 4dda | Kahului | Hawaii | heltec-mesh-node-t114 |
| Elab Pi Waveshare A021 | Kailua-Kona | Hawaii | rak4631 |
| K7JBS KOA | Kailua-Kona | Hawaii | heltec-v3 |
| Makalei nh6m | Kailua-Kona | Hawaii | heltec-v3 |
| solar-huehue 7593 | Kailua-Kona | Hawaii | rak4631 |
| WH7Q Kailua Kona | Kailua-Kona | Hawaii | station-g2 |
| Ahikawa NH6M | Kalaoa | Hawaii | heltec-v3 |
| Dewey nh6m | Kalaoa | Hawaii | heltec-wireless-tracker |
| Kalaoa 1490 | Kaloko | Hawaii | rak4631 |
| Meshtastic 6c0d | Kalopa Mauka | Hawaii | t-echo |
| Pi3-30db Kawaihae 8ff0 | Kawaihae | Hawaii | portduino |
| Solar Sierra | Kawaihae | Hawaii | heltec-v3 |
| Kelan's House | Kawaihae Rd | Hawaii | heltec-wireless-tracker |
| Kelan's Phone | Kawaihae Rd | Hawaii | tracker-t1000-e |
| Heltec mesh node T114 | Kawaihae Rd Waimea | Hawaii | heltec-v3 |
| Mesh HPP c918 | Keaau | Hawaii | heltec-v3 |
| Mesh HPP c9a0 | Keaau | Hawaii | heltec-v3 |
| Meshtastic ee30 | Keaau | hawaii | tlora-v2-1-1p6 |
| Keahole pt | Keahole Airport | Hawaii | rak4631 |
| Meshtastic c78b | Keaukaha | Hawaii | tracker-t1000-e |
| Kilohana solar West | Kilohana | Hawaii | rak4631 |
| Kilohana Solar 6w-3k 6c8e | Kilohana Scout | Hawaii | rak4631 |
| Hanaipoe mana ac9f | Kilohana Scout area | Hawaii | rak4631 |
| HC Jumper | Kilohana Scout area | Hawaii | heltec-v3 |
| Meshtastic a2e9 | Kilohana Scout area | Hawaii | rak4631 |
| Meshtastic CC58 | Kilohana Scout area | Hawaii | heltec-v3 |
| Kohala Hoea Rd 3 | Kohala | Hawaii | heltec-v3 |
| Kohala Hoea Rd 55-358-1 | Kohala | Hawaii | heltec-v3 |
| Kalopi repeater | Kohala Mtn Rd | Hawaii | heltec-v3 |
| Station G2 Control | Kohala Mtn Rd | Hawaii | station-g2 |

| | | | |
|---|---|---|---|
| S5 RANGER MAGNUM | Kona | Hawaii | t-deck |
| Acti+B3:B17on Potential | Kona Village | Hawaii | t-echo |
| Mobile1 | Kukila Hilo | Hawaii | heltec-v3 |
| Meshtastic 2d76 (mobile) | Lalamilo | Hawaii | tracker-t1000-e |
| Meshtastic 482f | Lalamilo | Hawaii | rak4631 |
| Meshtastic 5e38 | Lalamilo | Hawaii | rp2040-lora |
| Meshtastic 6453 | Lalamilo | Hawaii | t-echo |
| Meshtastic 8295 | Lalamilo | Hawaii | tracker-t1000-e |
| Meshtastic be48 | Lalamilo | Hawaii | lilygo-tbeam-s3-core |
| Meshtastic cc87 | Lalamilo | Hawaii | |
| Meshtastic e18e | Lalamilo | Hawaii | tracker-t1000-e |
| Pi400-30db | Lalamilo | Hawaii | portduino |
| solar IP67 gps alpha | Lalamilo | Hawaii | rak4631 |
| WH6EHJ - 2fc5 | Lalamilo | Hawaii | rak4631 |
| KH6EKD-2 | Laupahoehoe | Hawaii | heltec-v3 |
| KB SenseCAP Tracker ca9a | Lower Palasides | Hawaii | tracker-t1000-e |
| WH6GXZ-ecom | Lower Volcano | Hawaii | portduino |
| H2T | Lower Waimea Town | Hawaii | heltec-mesh-node-t114 |
| Meshtastic ace1 | Lower Waimea Town | Hawaii | |
| solar monolith | Lower Waimea Town | Hawaii | rak4631 |
| LMTK-23ac | Mana | Hawaii | rak4631 |
| HPKU Hale Pohaku | Mauna Kea | Hawaii | station-g2 |
| k0den | Mauna Lani | Hawaii | t-deck |
| Solar Tango Mauna Lani | Mauna Lani | Hawaii | rak4631 |
| MLOA-01 BIARC | Mauna Loa | Hawaii | station-g2 |
| AREDN_Data | Mountain View | Hawaii | heltec-vision-master-t190 |
| KH6GG (mobile) | Mountain View | Hawaii | t-deck |
| KH6GG T-1000 | Mountain View | Hawaii | tracker-t1000-e |
| WH6EPS-B | Mountain View | Hawaii | station-g2 |
| WH6EPS-M | Mountain View | Hawaii | nano-g2-ultra |
| WH6EPS-M2 | Mountain View | Hawaii | tracker-t1000-e |
| WH6EPS-M3 | Mountain View | Hawaii | station-g2 |
| WH6JOE-B | Mountain View | Hawaii | heltec-v3 |
| WH6JOE-M1 | Mountain View | Hawaii | tracker-t1000-e |
| WH6LC-B1 | Mountain View | Hawaii | heltec-wsl-v3 |
| AH6V-00ec | Ninole | Hawaii | heltec-v3 |
| AH6V-6d04 | Ninole | Hawaii | heltec-v3 |
| AH6V-6ee0 | Ninole | Hawaii | heltec-v3 |
| KH6DM G2 f5c4 | Ninole | Hawaii | station-g2 |
| KH6GM Spec5 7f60 | Ninole | Hawaii | heltec-wireless-tracker |
| KH6GM T1000 bcd5 (mobile) | Ninole | Hawaii | tracker-t1000-e |
| Paauilo Mauka 1609 | Paauilo | Hawaii | rak4631 |
| Wardriver (mobile) | Paauilo Mauka | Hawaii | rak4631 |
| KH6HAK-B2 | Pahoa | Hawaii | station-g2 |
| KH6HAK-M1 | Pahoa | Hawaii | tracker-t1000-e |
| HIMesh Project - Hilo | Panaewa | Hawaii | heltec-v3 |
| KH6RDO-Pepeekeo | Pepeekeo | Hawaii | heltec-v3 |

**STATE-WIDE**

**LISTING AS OF LATE AUGUST**

| | | | |
|---|---|---|---|
| Pepeekeo-BIARC | Pepeekeo | Hawaii | heltec-wsl-v3 |
| Solar Keamuku | Pohakuloa | Hawaii | rak4631 |
| Meshtastic 2dcd | Puako | Hawaii | |
| HRCC Fast Node | UH West Hawaii | Hawaii | heltec-mesh-node-t114 |
| Meshtastic 71ea | Upolu Airport | Hawaii | rak4631 |
| solar node golf | Upper HOVE | Hawaii | rak4631 |
| Hale Pohaku alpha 195f | Upper Humuula | Hawaii | rak4631 |
| Waikii Coast | Upper Waikii | Hawaii | rak4631 |
| Pocket V2 Gamma | Upper Waikoloa | Hawaii | rak4631 |
| MLE top 28 | Volano | Hawaii | rak4631 |
| CarS4 f324 | Volcano | Hawaii | tracker-t1000-e |
| HA01 (mobile) | Volcano | Hawaii | tracker-t1000-e |
| KH6GG Node 2 | Volcano | Hawaii | heltec-vision-master-t190 |
| KH7DQ Doug | Volcano | Hawaii | tracker-t1000-e |
| KH7DQ-Base | Volcano | Hawaii | station-g2 |
| Meshtastic 2b34 | Volcano | Hawaii | |
| MLE_Net 1424 | Volcano | Hawaii | heltec-v3 |
| MLE_Net 5a60 | Volcano | Hawaii | heltec-v3 |
| WH6EBS R4 | Volcano | Hawaii | station-g2 |
| WH6EBS-M1 | Volcano | Hawaii | tracker-t1000-e |
| WH6EBS-R3 | Volcano | Hawaii | station-g2 |
| WH6LQ | Volcano | Hawaii | tracker-t1000-e |
| WH7BR-Base | Volcano | Hawaii | rak4631 |
| WH7BR-M1 | Volcano | Hawaii | tracker-t1000-e |
| HiMesh Project - Moku O Keawe | Waiakea Uka | Hawaii | heltec-wsl-v3 |
| Sodna | Waianuenue | Hawaii | t-beam |
| Meshtastic da94 | Waianuenue Hilo | Hawaii | heltec-v3 |
| Pi400-30db | Waikii | Hawaii | portduino |
| Solar HP | Waikii Waimea | Hawaii | rak4631 |
| solar waikii west | Waikii Waimea | Hawaii | rak4631 |
| Waikii | Waikii Waimea | Hawaii | rak4631 |
| Meshtastic 0488 | Waikoloa | Hawaii | t-deck-pro |
| Meshtastic 0cca | Waikoloa | Hawaii | |
| Orca Techo | Waikoloa Village | Hawaii | t-echo |
| all your base are belong to us | Waimea | Hawaii | rak4631 |
| Drone | Waimea | Hawaii | tracker-t1000-e |
| elab router pi4-30db ba5a | Waimea | Hawaii | portduino |
| Hawi Rd Waimea e3c9 | Waimea | Hawaii | rak4631 |
| Hokuula Solar | Waimea | Hawaii | heltec-v3 |
| HPA MQTT Gateway | Waimea | Hawaii | rak4631 |
| Mana Road 59ab | Waimea | Hawaii | rak4631 |
| Meshtastic 0429 | Waimea | Hawaii | |
| Meshtastic 5fa9 | Waimea | Hawaii | tracker-t1000-e |
| Meshtastic 9c38 | Waimea | Hawaii | tracker-t1000-e |
| Meshtastic d2b9 | Waimea | Hawaii | tracker-t1000-e |
| pi4-30db-hoku desk | Waimea | Hawaii | portduino |
| PI4K-30db | Waimea | Hawaii | portduino |



*Continued on next page*

*From previous page*

| | | | |
|---|---|---|---|
| solar mini alpha | Waimea | Hawaii | rak4631 |
| solar mini block | Waimea | Hawaii | rak4631 |
| solar monolith beta | Waimea | Hawaii | rak4631 |
| Waikii 74c0 | Waimea | Hawaii | heltec-v3 |
| Waikii G2 | Waimea | Hawaii | station-g2 |
| Waikii Repeater | Waimea | Hawaii | rak4631 |
| Waimea Homesteads | Waimea | Hawaii | rak4631 |
| Wardriver beta | Waimea | Hawaii | rak4631 |
| Meshtastic 570F | Waimea | Hawaii | rak4631 |
| Cyclops | Waimea Town | Hawaii | rak4631 |
| Solar Lima | Waimea Town | Hawaii | rak4631 |
| T-Beam Control | Waimea Town | Hawaii | t-beam |
| T-Beam S3 Alpha | Waimea Town | Hawaii | liligo-tbeam-s3-core |
| LaeLae Repeater 4952 | Waimea Watershed | Hawaii | rak4631 |
| Meshtastic 4154 | Waimea Watershed | Hawaii | rak4631 |
| Meshtastic 6570 | West HI Concrete | Hawaii | heltec-v3 |
| Meshtastic 7764 | West HI Concrete | Hawaii | heltec-v3 |
| Borg-Server | | Hawaii | station-g2 |
| ele'ele | | Hawaii | heltec-v3 |
| Kelan's Car | | Hawaii | heltec-v3 |
| kg6hwf | | Hawaii | heltec-v3 |
| LM-Logging | | Hawaii | portduino |
| Meshtastic 7c67 | | Hawaii | rak4631 |
| MLOA-2 | | Hawaii | station-g2 |
| Solar Mamalahoa | | Hawaii | heltec-v3 |
| Solar Sensor | | Hawaii | rak4631 |
| VolcanoAl | | Hawaii | portduino |
| WH6EBS-M2 | | Hawaii | tracker-t1000-e |
| WH6GXZ-ube | | Hawaii | portduino |
| WH6GZZ | | Hawaii | heltec-mesh-node-t114 |
| WH6HAA | | Hawaii | tracker-t1000-e |
| WH6HEO_2680 | | Hawaii | heltec-v3 |
| WH6HEO-Cold Xiaoer | | Hawaii | seeed-xiao-s3 |
| WH6HEO-Hot Ziaoer | | Hawaii | seeed-xiao-s3 |
| WH6EY-Repeater | Wailua | Kauai | rak4631 |
| WH6EY-Unit1 | Wailua | Kauai | rak4631 |
| WH6EY-Unit2 | Wailua | Kauai | rak4631 |
| Haiku Makai | Haiku | Maui | Liligo t-beam S3 core |
| Robert | Haiku | Maui | t-deck |
| Haleakala Repeater | Haleakala | Maui | rak4631 |
| Haleakala Summit Repeater | Haleakala | Maui | rak4631 |
| Mat2 f48b | Kahalui | Maui | rak4631 |
| Kanaka1 | Kahului | Maui | rak4631 |
| KG6hwf | Kahului | Maui | t-rcho |
| Meshtastic 1a8d | Kahului | Maui | tracker-t1000-e |
| MIHNakoa | Kahului | Maui | t-beam |
| MIHTdeck | Kahului | Maui | t-deck |

| | | | |
|---|---|---|---|
| 1001010 | Kealaloloa Ridge | Maui | tracker-t1000-e |
| Meshtastic c814 | Kihei | Maui | |
| Octogrid 01 | Kihei | Maui | t-echo |
| Octogrid 6 | Kihei | Maui | diy-v1 |
| Octopie Base Node | Kihei | Maui | portduino |
| pmow mobile | Kihei Ridge | Maui | t-echo |
| Cloud Castle Farm | Kula | Maui | lilygo-tbeam-s3-core |
| WH6FXV-1 Fixed | Kula | Maui | heltec-v3 |
| KH6TU | Lahaina | Maui | heltec-v3 |
| Big Kahuna 44e4 | Launiupoko Lahaina | Maui | tracker-t1000-e |
| Launiupoko df60 | Launiupoko Lahaina | Maui | rak4631 |
| Meshtastic 90fa | Maalaea | Maui | t-echo |
| Colin Makawao | Makawao | Maui | tlora-v2-1-1p6 |
| KH6HHG d510 | Makawao | Maui | heltec-v3 |
| KH6UU d03c | Makawao | Maui | rak4631 |
| Meshtastic d287 | Makawao | Maui | t-echo |
| Silversword aabc | Makawao | Maui | heltec-v3 |
| Tav G2Nano Ultra | Makawao | Maui | nano-g2-ultra |
| Tavis G2 | Makawao | Maui | station-g2 |
| Black Bag | Olinda | Maui | t-echo |
| WS85 WX 4011 | Olowalu | Maui | rak4631 |
| Blue Mesh | Paia | Maui | |
| Meshtastic 706C | Paia | Maui | heltec-v3 |
| Orange | Paia | Maui | liligo-tbeam-s3-core |
| Meshtastic 4b68 | Pukalani | Maui | station-g2 |
| Meshtastic 9380 | Pukalani | Maui | lilygo-tbeam-s3-core |
| Tavis T-Echo | Pukalani | Maui | t-echo |
| 6C_seeed | Wailuku | Maui | tracker-t1000-e |
| Mat1 ed54 | Wailuku | Maui | rak4631 |
| Mat5 d67f | Wailuku | Maui | tracker-t1000-e |
| Meshtastic 73e8 | Wailuku | Maui | |
| pmow test | Wailuku | Maui | t-echo |
| Randy 7f40 | Wailuku | Maui | heltec-v3 |
| SKW4 (mobile) | Wailuku | Maui | t-deck |
| Wailuku Repeater (MQTT) | Wailuku | Maui | station-g2 |
| Atlavox S4 | | Maui | rak4631 |
| SunMesh 915a Solar | | Maui | heltec-v3 |
| Meshtastic 607d | Honomuni | Molokai | t-echo |
| ENTM_Peaberry | Kaunakakai | Molokai | heltec-mesh-node-t114 |
| Meshtastic 4d61 | Kualapuu | Molokai | t-echo |
| Meshtastic d311 | Kualapuu | Molokai | t-echo |
| ENTM_Solar | Molokai High School | Molokai | rak4631 |
| ENTM_T-deck (mobile) | Molokai High School | Molokai | t-deck |
| ENTM_Terminal | Molokai Shores | Molokai | rak4631 |
| ENTM-Peanut | Molokai Shores | Molokai | heltec-v3 |
| NH7IT 03 | Ala Wai | Oahu | heltec-v3 |
| Meshtastic badf | Campbell Industrial | Oahu | |

| | | | |
|---|---|---|---|
| SWTI 37C | East Kapolei | Oahu | rak4631 |
| hawaii_gaz | Enchanted Lake | Oahu | heltec-v3 |
| Hawaii_gaz | Enchanted Lake | Oahu | heltec-v3 |
| KH6ML Bad Echo | Enchanted Lake | Oahu | |
| AH6WN RAK Mobile | Ewa Beach | Oahu | rak4631 |
| Atlavox B2 6894 | Ewa Beach | Oahu | rak4631 |
| Ewa by Gentry | Ewa Beach | Oahu | rak4631 |
| GreenRed ff58 | Ewa Beach | Oahu | lilygo-tbeam-s3-core |
| HelGreenBlack 5898 | Ewa Beach | Oahu | heltec-v3 |
| Meshtastic b870 | Ewa Forest Reserve | Oahu | t-beam |
| Meshtastic 90b4 | Ewa Plains | Oahu | t-beam |
| Last Responder | Hawaii Kai | Oahu | rak4631 |
| S5TD ForrestK1 | Hawaii Kai | Oahu | heltec-mesh-node-t114 |
| WisMesh Pocket 718a | Hawaii Kai | Oahu | rak4631 |
| KH7EC-R | Kahala | Oahu | rak2560 |
| LKH6LT-M (mobile) | Kahala | Oahu | heltec-v3 |
| Meshtastic 4fa9 | Kahala | Oahu | wismesh-tap |
| Meshtastic f504 | Kahala | Oahu | heltec-v3 |
| JorgeTV rak3272 | Kahaluu | Oahu | rak4631 |
| MattMobile | Kailua | Oahu | heltec-v3 |
| Meshtastic 23f3 | Kailua | Oahu | |
| Meshtastic 86d4 | Kailua | Oahu | |
| Meshtastic dfb7 | Kailua | Oahu | |
| Meshtastic e3f0 | Kailua | Oahu | heltec-v3 |
| KH7EC | Kaimuki | Oahu | tracker-t1000-e |
| KH7EC-A | Kaimuki | Oahu | heltec-v3 |
| N1PDG-1 | Kakaako | Oahu | heltec-v3 |
| Tiki's Loft A | Kakaako | Oahu | |
| Kalaeloa | Kalaeloa Airport | Oahu | rak4631 |
| ART1 ECHO | Kaneohe | Oahu | t-echo |
| Keaalau Repeater | Kaneohe | Oahu | rak4631 |
| KH6ML-e Echo | Kaneohe | Oahu | t-echo |
| Meshtastic 212c | Kaneohe | Oahu | rak4631 |
| Meshtastic f779 | Kaneohe | Oahu | |
| WH6FXV-3-06be | Kaneohe | Oahu | t-echo |
| Meshtastic 9946 | Kapahulu | Oahu | t-echo |
| HiMesh Project - Ewa | Kapolei | Oahu | tracker-t1000-e |
| KH6ML q T-Echo q | Keaalau Kaneohe | Oahu | t-echo |
| Meshtastic 4194 | Koko Head | Oahu | |
| 302A AIEA Facebook: MESHTASTIC HAWAII | Koolau | Oahu | heltec-v3 |
| 302B Mobile | Koolau | Oahu | heltec-v3 |
| Tikis.com near Band & Bar Solar | Kuhio Beach | Oahu | rak4631 |
| SWTI 37A | Kunia | Oahu | tracker-t1000-e |
| Pensacola mesh 05 | Lanikai | Oahu | tracker-t1000-e |
| RUSS Lanikai | Lanikai | Oahu | heltec-v3 |
| Makakilo-09 | Makakilo | Oahu | rak4631 |
| Meshtastic 12ec | Makakilo | Oahu | |

| | | | |
|---|---|---|---|
| 6MLs KH6ML Card at Work | Makiki | Oahu | tracker-t1000-e |
| Meshtastic d5de | Makiki | Oahu | heltec-mesh-mode-t114 |
| KH7TV Echo | Makiki - Roosevelt | Oahu | t-echo |
| Meshtastic e8cb | Makiki - Roosevelt | Oahu | |
| NH7IT 01 | Makiki - Roosevelt | Oahu | t-echo |
| Basement not monitored 6OCD | Makiki Punchbowl | Oahu | heltec-v3 |
| Manoa/Tantalus mk23 | Manoa | Oahu | t-beam |
| Pika | Maunawili | Oahu | rak4631 |
| VITA | Maunawili | Oahu | heltec-v3 |
| Meshtastic d724 | MCBH Kaneohe | Oahu | heltec-v3 |
| Meshtastic a211 | Nuuanu Valley | Oahu | |
| 7o Portable fbba | Palolo | Oahu | t-echo |
| Meshtastic c067 | Palolo | Oahu | |
| KH6ML Pearl City Fixed | Pearl City | Oahu | heltec-v3 |
| HiMesh Project - Aiea | Pearl Harbor | Oahu | station-g2 |
| Meshtastic 259d | Pearl Harbor | Oahu | |
| Meshtastic 3a1f | Pearl Harbor | Oahu | |
| Meshtastic 412c | Pearl Harbor | Oahu | helyec-v3 |
| Borg 8e34 | Pearl Ridge | Oahu | heltec-vision-master-t190 |
| Meshtastic 2bcc | Pearlridge | Oahu | heltec-vision-master-t190 |
| KH6ML-mobile T-Echo2 | Punchbowl | Oahu | t-echo |
| KaiserT114_23b0 | Roosevelt High Makiki | Oahu | heltec-mesh-node-t114 |
| Kakaako 09b8 | Roosevelt High Makiki | Oahu | heltec-v3 |
| Hikers Solar PW Manoa | Upper Manoa | Oahu | rak4631 |
| SLH2 c1ab | Upper Palolo | Oahu | t-echo |
| SLHI 9ef2 (mobile) | Upper Palolo | Oahu | t-echo |
| Traveler TECHO-9430 (mobile) | Upper Palolo | Oahu | t-deck |
| KH7EC-A | Waialae Kahala | Oahu | heltec-v3 |
| KH7EC-B | Waialae Kahala | Oahu | heltec-v3 |
| KH7EC-H | Waialae Kahala | Oahu | heltec-v3 |
| Meshtastic 514c | Waialae Kahala | Oahu | heltec-v3 |
| Meshtastic de16 | Waialae Kahala | Oahu | |
| WH6OMG 51d1 | Waialae Kahala | Oahu | tracker-t1000-e |
| HIMesh Project - Waianae | Waianae | Oahu | station-g2 |
| D3 310 | Waikele | Oahu | heltec-v3 |
| D3 310 w | Waikele | Oahu | heltec-v3 |
| holdsteady | Waikiki | Oahu | tracker-t1000-e |
| Meshtastic 4b27 | Waikiki | Oahu | |
| Meshtastic e6d2 | Waikiki | Oahu | tracker-t1000-e |
| Wallops Mobile | Waikiki | Oahu | rak4631 |
| 6136_5634 | Waimanu Valley Ridge | Oahu | lilygo-tbeam-s3-core |
| Poi Dog 19f4 | Waipahu | Oahu | heltec-mesh-node-t114 |
| Meshtastic 5ccc | Waipahu Uka | Oahu | |
| WH6ECG-00 Heeia | Windward Mall area | Oahu | heltec-v3 |
| AH6T_Mesh_dcc6 | | Oahu | t-echo |
| KH6EKD-1 | | Oahu | heltec-v3 |
| KH6ML-b QTH Loft | | Oahu | heltec-v3 |



*Continued on next page*

*From previous page*

| | | |
|---|---|---|
| KH6ML-fox | Oahu | heltec-v3 |
| WH6ECG-15 | Oahu | heltec-v3 |
| WH6ECG-2 | Oahu | heltec-v3 |
| WH6ECG-7 | Oahu | t-deck |
| WH6FXV-Dash | Oahu | sensecap-indicator |
| Feds Watcher | unknown | t-deck-pro |
| | 9834 | heltec-v3 |
| 0b3d | | rak4631 |
| 4248 (mobile) | | t-deck |
| 4H2 Wise 5c0b | | rak4631 |
| 6C_M1 | | thinknode-m1 |
| 6C_Pocket_Mesh_5K | | heltec-mesh-pocket |
| AH6WN RAK1 | | rak4631 |
| AH6WN T-Deck | | t-deck |
| Alex | | heltec-v3 |
| AUXC HI | | heltec-v3 |
| Battery | | heltec-mesh-pocket |
| bDrifter_01 e023 | | rak4631 |
| bDrifter_03 d368 | | heltec-v3 |
| Bender 72c0 | | heltec-v3 |
| Bird 6fa1 | | heltec-mesh-pocket |
| bMesh 32c2 | | rak4631 |
| bMeshtastic 637c | | heltec-v3 |
| Bombtastic | | sensecap-indicator |
| Bruh 45d0 | | heltec-v3 |
| BXvln1 | | heltec-v3 |
| CA-T1000-E-1 | | tracker-t1000-e |
| CERT-OL-04 | | tracker-t1000-e |
| CERT-OL-B-Orchidland | | station-g2 |
| Chee Hoo | | heltec-v3 |
| CoconutWireless CW10 Solar | | rak4631 |
| Coconutwireless CW-A | | rak4631 |
| Coconutwireless CW-R | | rak4631 |
| CoconutWireless CW-S | | rak4631 |
| COM2 0d50 | | t-deck |
| COML HI d2f4 | | heltec-v3 |
| CP-Base | | rak4631 |
| D19G | | heltec-v3 |
| Elab b14c | | heltec-v3 |
| EMCOM ESF-2 | | heltec-v3 |
| ENTM_Peacock | | t-deck |
| ESF2M 739c | | heltec-v3 |
| F2G1 | | tlora-v2-1-1p6 |
| gogo | | t-deck |
| GreenGuy | | heltec-v3 |
| Harbor Breeze 01 | | rak4631 |
| Hawaiimeshmp | | portduino |

| | |
|---|---|
| HI Mesh Project - Waiakea CERT Team 1 | heltec-v3 |
| Iron Giant | t-echo |
| JavaMeshHome | heltec-v3 |
| Jays Node | rak4631 |
| K5DCE Base | heltec-v3 |
| KA4NQS f57c | heltec-v3 |
| KaiMT | heltec-v3 |
| Kamika 336b | tracker-t1000-e |
| KH6D Spec5 | t-deck |
| KH6UU 5dd4 | heltc-v3 |
| KH7EC-C | heltec-v3 |
| KH7EH-03 | station-g2 |
| KH7TV Beam | lilygo-tbeam-s3-core |
| Kilohana Solar | rak4631 |
| KR-IT-RC | tracker-t1000-e |
| Kulamalu MQTT Maui | station-g2 |
| LM - Turbotest | xiao-nrf52-kit |
| LM-Rak | rak4631 |
| LM-TactCon | sensecap-indicator |
| LM-UDPtest | station-g2 |
| M-1 | rak4631 |
| Maus ab9a | tracker-t1000-e |
| Meashtastic b6b8 | |
| Mehtastic Terminal | rak4631 |
| Meshtastic 03ac | t-deck |
| Meshtastic 0506 | heltec-mesh-mode-t114 |
| Meshtastic 059d | tracker-t1000-e |
| Meshtastic 0660 | rak4631 |
| Meshtastic 078a | tracker-t1000-e |
| Meshtastic 0892 | |
| Meshtastic 14b9 | rak4631 |
| Meshtastic 15dc | |
| Meshtastic 197c | |
| Meshtastic 1a27 | rak4631 |
| Meshtastic 2004 | |
| Meshtastic 2026 | rak4631 |
| Meshtastic 214a | |
| Meshtastic 21fc | |
| Meshtastic 2528 | heltec-mesh-node-t114 |
| Meshtastic 25e0 | |
| Meshtastic 25f0 | station-g2 |
| Meshtastic 2660 | |
| Meshtastic 276a | rak4631 |
| Meshtastic 27c5 | rak4631 |
| Meshtastic 2849 | t-echo |
| Meshtastic 2ac1 | rak4631 |
| Meshtastic 3163 | heltec-mesh-pocket |

| | |
|---|---|
| Meshtastic 3528 | t-echo |
| Meshtastic 3f68 | |
| Meshtastic 4294 | t-beam |
| Meshtastic 4533 | rak4631 |
| Meshtastic 4ac0 | t-deck |
| Meshtastic 4d45 | rak4631 |
| Meshtastic 5073 | rak4631 |
| Meshtastic 5890 | |
| Meshtastic 5cfc | heltec-v3 |
| Meshtastic 61d4 | rak4631 |
| Meshtastic 63cd | rak4631 |
| Meshtastic 6615 | tracker-t1000-e |
| Meshtastic 6a2c | heltec-v3 |
| Meshtastic 6dbd | tracker-t1000-e |
| Meshtastic 6ddc | |
| Meshtastic 6e34 | |
| Meshtastic 6f31 | rak4631 |
| Meshtastic 7052 | |
| Meshtastic 7060 | rak4631 |
| Meshtastic 720c | |
| Meshtastic 7280 | t-beam |
| Meshtastic 742e | rak4631 |
| Meshtastic 756c | |
| Meshtastic 78a3 | |
| Meshtastic 7afc | |
| Meshtastic 7b94 | t-beam |
| Meshtastic 7bd8 | heltec-v3 |
| Meshtastic 7c78 | tlora-v2-1-1p6 |
| Meshtastic 7d14 | rak4631 |
| Meshtastic 8559 | rak4631 |
| Meshtastic 8ad1 | rak4631 |
| Meshtastic 8ddf | tracker-t1000-e |
| Meshtastic 8f3c | |
| Meshtastic 8fd1 | |
| Meshtastic 9650 | |
| Meshtastic 9940 | heltec-v3 |
| Meshtastic 9c61 | rak4631 |
| Meshtastic 9fbc | heltec-v3 |
| Meshtastic a0aa | |
| Meshtastic a304 | heltec-wireless-tracker |
| Meshtastic a5a4 | rak4631 |
| Meshtastic a5b8 | heltec-v3 |
| Meshtastic a978 | |
| Meshtastic aa80 | heltec-v3 |
| Meshtastic abcb | rak4631 |
| Meshtastic ade8 | |
| Meshtastic b468 | heltec-v3 |

| | |
|---|---|
| Meshtastic b7dc | |
| Meshtastic b8ac | heltec-v3 |
| Meshtastic b9c9 | tracker-t1000-e |
| Meshtastic b9f9 | tracker-t1000-e |
| Meshtastic bac7 | |
| Meshtastic be24 | heltec-v3 |
| Meshtastic be90 | heltec-v3 |
| Meshtastic c0f0 | |
| Meshtastic c7fc | |
| Meshtastic ccd4 | rak4631 |
| Meshtastic ce9e | |
| Meshtastic d403 | tracker-t1000-e |
| Meshtastic d514 | heltec-v3 |
| Meshtastic d904 | |
| Meshtastic db70 | t-deck |
| Meshtastic dfe8 | heltec-v3 |
| Meshtastic e128 (mobile) | t-deck |
| Meshtastic e744 | keltec-v3 |
| Meshtastic e770 | heltec-v3 |
| Meshtastic e873 | rak4631 |
| Meshtastic e9f0 | |
| Meshtastic ee90 | |
| Meshtastic f728 | station-g2 |
| Meshtastic f7c4 | heltec-v3 |
| Meshtastic f830 | heltec-v3 |
| Meshtastic f8d0 | heltec-v3 |
| Meshtastic f934 | heltec-v3 |
| Meshtastic fbaf | xiao-nrf52-kit |
| Meshtastic fc73 | |
| Meshtastic fe54 | heltec-v3 |
| Mestastic d0d0 | heltec-v3 |
| MiMobile | lilygo-tbeam-s3-core |
| MkkB | heltec-v3 |
| mkkD | heltec-v3 |
| mkkP | keltec-v3 |
| mkkT | heltec-v3 |
| MLCS-2 | heltec-v3 |
| MLE_752c | station-g2 |
| msunset | t-deck |
| Nibbler 8de4 | heltec-v3 |
| Node Collector EDC Muzi | rak4631 |
| NorthRWest 2 | |
| NorthRWest Base | heltec-v3 |
| Norwood-Online | heltec-v3 |
| ORCA Hapuna | rak4631 |
| ORCA T1000e | tracker-t1000-e |
| ORCA Tdeck Plus (mobile) | t-deck |



***Continued on next page***

*From previous page*

| | |
|---|---|
| ORCA Westside | rak4631 |
| Orcatdeck | t-deck |
| PatchrZero.Prime | heltec-wsl-v3 |
| Pher Mobile | tracker-t1000-e |
| pi3-30db-echo | portduino |
| pi3a-cd98 | portduino |
| PI5-waveshare bfc2 | portduino |
| Pi-zero-22db alpha | portduino |
| pi-zeroW-delta | portduino |
| R1 | rak4631 |
| RAK Solar HBR 1 | rak4631 |
| Rook Pro | |
| Rookery CAW1 | t-echo |
| Scooby Doo | heltec-v3 |
| SenseCap_02 | tracker-t1000-e |
| SKW1 | heltec-v3 |
| SKW2 | heltec-v3 |
| SKWKS 3 | heltec-mesh-pocket |
| Small Kine Lolo Papolo | tracker-t1000-e |
| solar block | rak4631 |
| Solar DannyK | rak4631 |
| Solar Oscar | rak4631 |
| SolarBaker | heltec-mesh-mode-t114 |
| Solo tracker 39a3 | seeed-wio-tracker-l1 |
| Station G2 | station-g2 |
| SunMesh 915a | heltec-v3 |
| T_Beam_S_986c | lilygo-tbeam-s3-core |
| T-Beam Beta | t-beam |
| T-Beam Gamma | t-beam |
| tdeck forrestk3 | t-deck |
| T-Echo a912 | t-echo |
| T-Echo c7a3 | t-echo |
| Thomas R1 | rak4631 |
| TK_Heltec_V3 | heltec-v3 |
| Uconsole | portduino |
| VEOC Test | heltec-v3 |
| VERT Deputy Planning Chief | tracker-t1000-e |
| VERT Fire Dept Liaison | tracker-t1000-e |
| VERT Medical Unit Lead | tracker-t1000-e |
| VERT Planning Section Chief | tracker-t1000-e |
| VERT-01 | tracker-t1000-e |
| Wah_Phku_1 | heltec-v3 |
| WH6FXV-0 | heltec-v3 |
| WH6FXV-1 000c | heltec-v3 |
| WH6GEJ RAK2 | rak4631 |
| WH6GPZ-2 | heltec-v3 |
| WH6OMG solar 1 | rak4631 |
| WH6OMG Solar 2 | rak4631 |
| WH7PD | heltec-v3 |
| X Tdeck | t-deck |

## Meshtastic

A LILYGO TTGO T-Beam running in client mode on battery power.

| | |
|---|---|
| **International standard** | Based on LoRa, Bluetooth, Wi-Fi |
| **Compatible hardware** | Supports ESP32, nRF52840 and others |
| **Physical range** | Typically 2–5 km (1.2–3.1 mi), upwards of 100 km (62 mi) possible via mesh |
| **Website** | meshtastic.org |