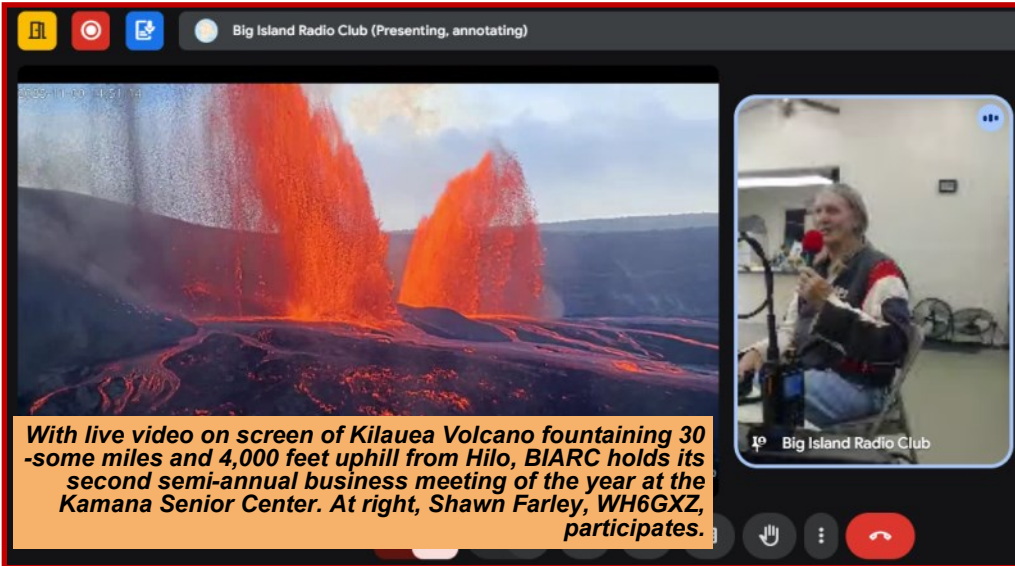


December 2025



THE BIG ISLAND HAMGRAM

The newsletter of the Big Island Amateur Radio Club



Sign up now for annual BIARC Holiday Party Sunday, Dec. 14

All are invited to the annual BIARC Holiday Party. This year's event will be from 12:30 to 5 p.m., on Sunday, Dec. 14, with set-up starting at noon.

The festivities will be held in our regular meeting room at the Kamana Senior Center at 127 Kamana St. in Hilo.



As usual, the event is potluck, with signup in advance to help with the planning. Please let coordinators know by early December how many persons will be coming and what famous dishes you will be preparing.

To sign up, please visit: <https://signup.com/go/VKroubH>

Live at 127 Kamana Street on November 9 Elections, more biz, watching Kilauea

Three new board members were unanimously elected at November's second semi-annual membership business meeting in Hilo.

For continuity, the BIARC Executive Board has staggered terms. Taking their seats in January will be Bernie Walp, WB6PIO; Fred Fischer, WH6HAA; and James Tatar, WH6EMN.

Continuing are Shawn Farley, WH6GXZ; and Thomas Avila, KH6GG. (Joseph Rosenbaum, WH6JOE, SK, leaves a vacancy.)

A seventh, appointed, member rounds out the board: KH6EJ station trustee William Polhemus, NH6ET.

William, BIARC Presi-

dent Thomas Avila and committee chairs reported on the year's activities.

With 68 full paid-up members, the treasury "on-budget," and assorted goals either met or still actively pursued, "The State of the Club" was deemed "good." One final act of business involved changing the name of "committee" to "working group" to more aptly describe the boots-on-the-ground role of BIARC committees.

That vote, to launch the process to change the name in the constitution and bylaws, was moved by Les Hittner, K0BAD, and seconded by Hank Kaul, KH6HAK. It passed by a margin of 15-2.

Les will shepherd the change according to club procedures, with a final vote to be taken at the next semi-annual membership meeting in May.

QST In Memory ~ Joseph Rosenbaum ~ WH6JOE

Joe is now a Silent Key; far too soon. It was sad Veterans Day news. The end of the journey for Joe and a big loss for all.

He was a very active Club Secretary and member of our Education and Outreach Committee as a prime operator at school events throughout Puna. He served at the Hilo Veterans Day



Parade most recently and worked tirelessly with communities and schools representing BIARC.

Less than a week before passing, Joe was in full action at a Prep Fair event

Continued on next page

A tribute to WH6JOE, SK
From previous page

in Fern Forest. Everyone knows about his long service to the club; an energetic ambassador for BIARC and a great ham radio advocate.

His “Bronx” accent and enthusiasm enabled him to engage with students naturally. Joe had a larger-than-life presence. These pictures capture that quality. Joe’s infectious enthusiasm and drive were behind our Club events. He was a “high frequency” man as evidenced by his reliable presence on our radio nets. Without Joe, our engagement with the ham radio community and the community at large will be challenged. We have big shoes to fill. Joe was a constant presence in BIARC affairs and will be missed by all. We send him off with his unrealized plans and our fond memories of him.

*David Miller
 BIARC VP and E&OC Chair
 KH6CZ*



*Pictures of Joe and friends during elementary school outreach events this year. He was a great ambassador for BIARC and we will miss him.
 — David Miller, KH6CZ, chairman of the BIARC Education and Outreach Committee*



Photos provided courtesy of KH6CZ, KH7DQ, WH6LQ, KH6ATU and others



Joe, center, providing radio comms for the Rotary Club at the last Ohia Lehua event.

Doug Wilson, KH7DQ, Joe, and David Miller, KH6CZ at the last Ohia Lehua marathon, taking down the comms station after the big event.

BIARC volunteers help organize Hilo Veterans Day Parade

Jim Tatar, WH6EMN, recruited a crew of volunteers to help coordinate the start of the recent Hilo Veterans Day Parade. It can be rather chaotic, trying to get everyone involved, and all of their respective units, into a cohesive lineup before the big procession winds its way through downtown Hilo.

“Six hams and 3 family members assisted in getting participants lined up in the correct position at the staging area and helped Kirk’s group to get them started in a timely manner for the first time this year,” said Jim. “We had 6 licensed ham operators and 3 GMRS operators. The hams are Dave KH6CZ, Thomas KH6GG, Joe WH6JOE, Mark WH6HEO, Chris AH6GG and myself WH6EMN. And we had Shu-Chen, Zi-Ting and Landon on GMRS radios.”

“Kirk has been the staging area coordinator at the staging area for a number of years. We are assisting



Photo courtesy WH6EMN

them and their crew in getting groups in the right location and helping to get them moving in a timely manner. We hope more operators will be able to help next year to provide coverage along the parade route, and one operator to be net control to improve communications between our group and Kirk’s volunteers at the staging area,” said Jim. “And we thank everyone for their kokua.”



Rick Gardner, WH6LU, is Hawaii's winner in the Sprint QSO Party of Ten-Ten International.

CLASSIFIED ADS

Palstar AT-Auto 160

If any local ham is interested in a Palstar AT-Auto 160 - 10 meter automatic tuner, mint condition,

I have one listed on QTH and eHam.net. However, if it is local, I'll knock off \$200 since don't need to ship. New, it is about \$1200 and I'd like \$750 for local ham.

Only used a very few times ... was going to put up long-wire but never did. Now, because of HOA, cannot. Time to slowly send equipment to a good home, hi hi.

73 es Aloha,
Bill
AH6FC
Kamuela

In Brief...

The Hunt Valley, Maryland, **Amateur Radio Club of the National Electronics Museum** will commemorate 2025 Pearl Harbor Day and the role of electronics in World War 2 December 1 - 11 1300Z - 2200Z. Primary operation will be December 1 - 7 with additional operation possible December 8 - 11 as operator availability permits. Special event station W2W will operate on 14.241, 14.041, 7.241, and 7.041 MHz. Operation on 80 meters, 3.541 and 3.841 MHz, and digital modes is possible during the event. Certificate available via a SASE.

Some reports delayed

Due to certain unexpected circumstances, some of the club info usually updated in each month's Hamgram might not appear until next month's newsletter. Stay tuned.

BIARC Public Service Committee Report

(Interim report until a new chair can be appointed)

On November 8 members of BIARC and their family assisted the staging crew in getting participants lined up properly for the Hilo Veterans Day Parade. With the additional help, the parade went smoother than the previous year and our help was appreciated by the organizers. Our help has also been requested for next year.

We don't have any current requests for help but there may be some to assist with marathons here on the windward side, so please stay tuned.

Jim Tatar, WH6EMN

The BIARC channel on Youtube is: <https://www.youtube.com/@BigIslandAmateurRadioClub>

Get ready for Santa Net 2025! For the 16th consecutive year, The 3916 Nets will be presenting The Santa Net on 3.916 MHz. Girls and boys can talk to Santa Claus, via amateur radio, nightly at 7:00 PM Central starting Friday, November 28, the day after Thanksgiving, through Christmas Eve, December 24. "We enjoy helping young people and their families have a shared Christmas experience that they'll always remember," said Pete Thomson, KE5GGY. "Christmastime is a very special time for our nets every year ... And we're thrilled to introduce young people to the excitement of amateur radio." Youngsters can talk to "Santa at the North Pole" via strategically-placed operators who relay the voice of Santa. Thomson said that The Santa Net is a team effort that involves a number of 3916 Net members. "In our first year, we connected 10 kids to Santa on ham radio and it's grown steadily since. This year, we're expecting over 1,000 children to participate." Prior to each night's Santa Net, pre-net check-ins can be made at www.cqsanta.com. Third party rules and regulations apply. The Santa Nets are presented annually by The 3916 Nets, which include The Rag Chew Crew, The Tailgaters, and The Freewheelers. For more information on The 3916 Nets, go to www.3916nets.com. For more information on The Santa Net, email KE5GGY at Gmail dot com.

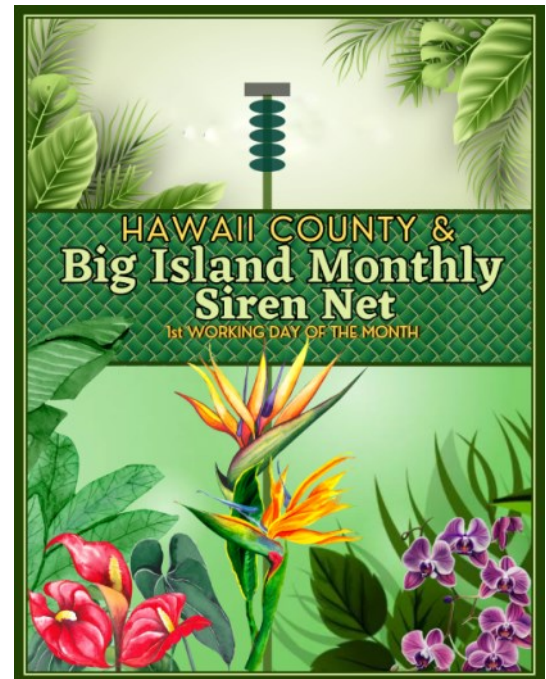
Two very special December events

The Battleship Iowa Amateur Radio Association (BIARA) and the Iowa's Innovation, Engineering and Technology Team (IET) will activate the ship's original NEPM Navy call sign on December 6 - 7, 2025. In addition, operators on the Battleship Alabama will activate their ship's original NEMW call sign on the same days. The activations will be in memory of the attack on Pearl Harbor on December 7, 1941, and all the radio amateurs and aficionados who answered the call, taking their skills into military and civilian war efforts. The Federal Communications Commission has issued a waiver to Section 97.111(a) to allow appropriately-licensed amateur radio operators to work NEPM and NEMW for this limited event. Amateurs are reminded that they may not transmit on the military frequencies issued to NEPM or NEMW. Amateur radio operators must operate within the privileges of their licenses. Licensees of other countries not under FCC jurisdiction are advised to refer to the regulations imposed by their licensing agencies before calling NEPM or NEMW. For more information, frequencies, and the NEPM/NEMW QSL card, please follow the detailed instructions found at biara.org.

Hawaii County Siren Report for December 2025

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

Location	Observer	Mode	Status	Notes
NOT WORKING				
HA802 Honoapu	WH6HC	DMR	Not Working	
HA806 HOVE Shopping Center #2	KH7MS	DMR	Not Working	car accident
HA910 Ainaloa	WH6HAF	Allstar	Not Working	
HA916 Kehana Beach	KH6AQ	Text	Not Working	
NOTHING HEARD				
KTA Puainako Hilo	KH7MS	DMR	Nothing Heard	
WORKING				
HA101 Lelewi	KI6HBZ	Allstar	Working	
HA107 Federal Building Downtown	WH6HBH	Allstar	Working	
HA108 Iiwipolena Rd Kaumana	KH7BR	Email	Working	
HA110 Kulaimano Center Pepekeo	KH6RDO	Allstar	Working	
HA110A Lowe's Store Pepekeo	KH6RDO	Allstar	Working	
HA113 Hakalau	WH6ECX	Allstar	Working	
HA114 Carvalho Park	NH6WT	DMR	Working	
HA115 Paukaa	AH6JA	Email	Working	
HA117 Ainako Park	WH6FSA	Allstar	Working	
HA123 Waikaumalo Park Ninole	WH6FIQ	Allstar	Working	
HA125 Kaumana School	KH7BR	Email	Working	
HA128 Hilo Hillside	KH7BR	Email	Working	
HA201 Laupahoehoe Lookout	WH6FSE	Allstar	Working	
HA301 Paauiilo	WH6HFT	Allstar	Working	
HA304 Ookala	WH6GDC	Allstar	Working	
HA401 Waimea Park Kamuela	WH6EHJ	Mauna Kea	Working	
HA402 Waiaka Bridge Kamuela	WH6EHJ	Mauna Kea	Working	
HA405 Puako General Store #1	WH6EHJ	Mauna Kea	Working	
HA407 Kawaihae Harbor	WH6EHJ	Mauna Kea	Working	
HA410 Historic Park, Mauna Lani	KH6BFD	Allstar	Working	
HA502 Keokea Park Kohala	WH7PE	Allstar	Working	
HA503 Kamehameha Park Kohala	WH7WZ	Allstar	Working	
HA601 Palani / Kuakini Kona	NH6AR	Allstar	Working	
HA611 NELHA Kona	WH6GTD	Text	Working	
HA702 Captain Cook	WH6WF	Text	Working	
HA801 Naalehu	WH6HC	DMR	Working	
HA804 Pahala	WH7BR	Allstar	Working	
HA809 HOVE Reef Blvd #3	WH6FC	DMR	Working	
HA901 Mountain View	WH6LC	Email	Working	
HA907 Hawn Beaches Park #1	KH7LM	Mauna Kea	Working	
HA911 Hawn Beaches #2 Wela St	NH7PE	Text	Working	
HA913 HPP #3 6th & Makuu	NH6OV	Mauna Kea	Working	
HA925 HPP #1 Paradise / Ala Kai	KH6CZ	Mauna Kea	Working	
HA936 Cooper Center Volcano	KH7DQ	Mauna Kea	Working	
HA937 Waa Waa	NH7PE	Text	Working	
HA809 HOVE Reef Blvd #3	WH6HCE	DMR	Working	weak sound
HA301 Paauiilo	AH6JA	Email	Working	



'Hurricane Season' officially is pau

But that doesn't mean we still can't see one, it's just that the odds are lower

Skywarn HAM and interested parties:

The Hurricane Season is over for the Central Pacific.

However, hurricanes can occur anytime, just not as likely now.

We ask you to keep yourself current on your training.

If you have not visited the video and refreshed yourself and your standing with the NWS Skywarn program, please do so at your convenience.

Kevin, AH6QO

VIDEO: NWS Honolulu SKY-WARN Spotter Training 2021
<<https://www.youtube.com/watch?v=4PQR2JjJg-s>>

Website: <http://www.protopage.com/ah6qodashboard>

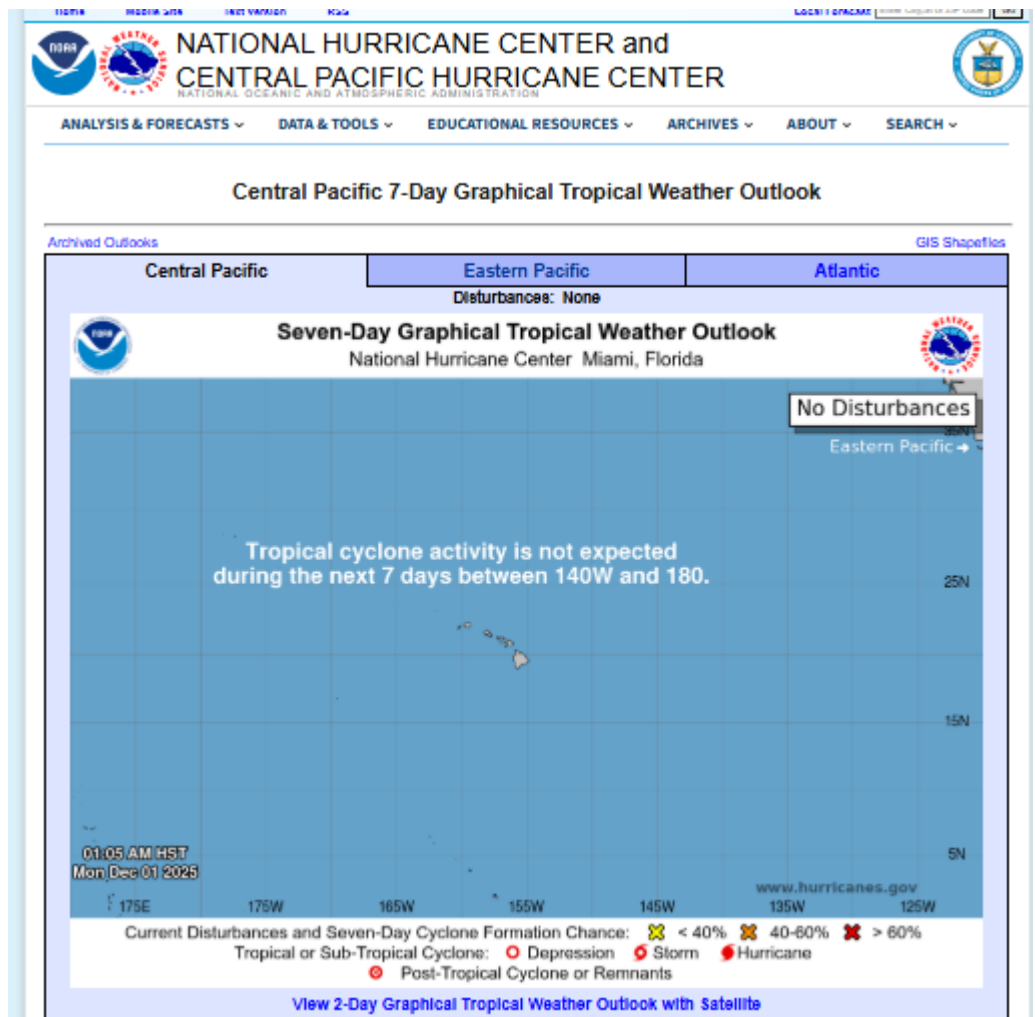
Skywarn info: <http://www.protopage.com/ah6qodashboard#Skywarn>

Hawaii Voluntary Organizations Active in Disaster

<<https://www.hawaiistatevoad.org/>>
*Cooperation*Communication*
Coordination*Collaboration
Cell: 808.778.4697

Other: (720) 235-8172 <<http://voice.google.com/calls?a=nc,%2B17202358172>>
<<http://voice.google.com/calls?a=nc,%2B17202358172>>

*Communication is like breathing. You don't think about it until you can't, and then it is too late. ~BaoDz *包關文



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Name	Approximate Location	Island	Device				
Dewey_nh6m	Ahikawa Kailua-Kona	Hawaii	heltec-wireless-tracker	GIXPBT2	Hillside-Sunrise Sub	Hawaii	tiora-v2-1-1p6
Meshtastic cc7f	Ahikawa K-K	Hawaii	tracker-t1000-e	HI Mesh Project - Waiakea CERT Team 2	Hillside-Sunrise Sub	Hawaii	heltec-v3
Meshtastic 12a8	Ahualoa	Hawaii	rak4631	WH6GIX	Hillside-Sunrise Sub	Hawaii	tiora-v2-1-1p6
Meshtastic 60f3	Ahualoa	Hawaii	rak4631	Demo1	Hilo	Hawaii	station-g2
WH6HAA-M1	Ahualoa	Hawaii	tracker-t1000-e	Ghostline 2	Hilo	Hawaii	heltec-v3
HBMC1	Amalu	Hawaii	station-g2	HI Mesh Project - Waiakea CERT Team 1	Hilo	Hawaii	heltec-v3
MLE_Net 5a60	East Volcano	Hawaii	heltec-v3	HIJ HiMesh Project - Waiakea CERT 4	Hilo	Hawaii	heltec-v3
BROVO 1	East Volcano	Hawaii	tracker-t1000-e	HIJ HiMesh Project - Waiakea CERT 5	Hilo	Hawaii	heltec-v3
Eoh Pam	East Volcano	Hawaii	rak4631	HIJ HiMesh Project - Waiakea CERT 3	Hilo	Hawaii	heltec-v3
Farley-Server	East Volcano	Hawaii	station-g2	HIJ HiMesh Project - Waiakea CERT 6	Hilo	Hawaii	heltec-v3
Foh-ENV	East Volcano	Hawaii	rak4631	keychain_jblack_M	Hilo	Hawaii	rak4631
GYZ 001	East Volcano	Hawaii	heltec-v3	KH6RDO Hilo	Hilo	Hawaii	rak4631
Hitchiker	East Volcano	Hawaii	tracker-t1000-e	Meshtastic 1210	Hilo	Hawaii	station-g2
hitchiker rf udp	East Volcano	Hawaii	heltec-v3	Meshtastic 3151	Hilo	Hawaii	heltec-v3
hitchikerAL	East Volcano	Hawaii	heltec-v3	Meshtastic 4474	Hilo	Hawaii	t-echo
hitchiker-udp	East Volcano	Hawaii	portduino	Meshtastic e048	Hilo	Hawaii	heltec-v3
KH6GG Node 2	East Volcano	Hawaii	heltec-vision-master-t190	WH6GZZ	Hilo	Hawaii	station-g2
LM-Base	East Volcano	Hawaii	station-g2	Naboa 1	Hilo	Hawaii	heltec-v3
LM-Experimental	East Volcano	Hawaii	portduino	PHTO	Hilo	Hawaii	rak4631
LM-Meshsense	East Volcano	Hawaii	heltec-v3	PM T1000 d7e0 (mobile)	Hilo	Hawaii	tracker-t1000-e
Mauna Loa Beacons Relay Control	East Volcano	Hawaii	heltec-v3	Potala MV a747	Hilo	Hawaii	rak4631
MLE_Net 5a60	East Volcano	Hawaii	heltec-v3	WH6EMN-B	Hilo	Hawaii	station-g2
Nurse Dude AlphanuZ	East Volcano	Hawaii	heltec-mesh-mode-t114	WH6EMN-Demo-M3	Hilo	Hawaii	tracker-t1000-e
Nurse Dude tdeck	East Volcano	Hawaii	t-deck	WH6EMN-M1	Hilo	Hawaii	tracker-t1000-e
nurse dude V4 qth	East Volcano	Hawaii	heltec-v4	WH6EMN-M2	Hilo	Hawaii	nano-g2-ultra
Nurse Dudes Vision	East Volcano	Hawaii	heltec-vision-master-t190	WH6FSA-M	Hilo	Hawaii	tracker-t1000-e
Coral_Hale	East Volcano	Hawaii	rak4631	WH6HEQ_2680	Hilo	Hawaii	heltec-v3
WH6GQD	East Volcano	Hawaii	tracker-t1000-e	WH6HEQ_BB30	Hilo	Hawaii	heltec-v3
wh6gkz meshtoad	East Volcano	Hawaii	portduino	KD2HWH b394	Hilton Waikoloa	Hawaii	t-beam
WH6GZX Mini Mesh	East Volcano	Hawaii	portduino	Meshtastic fec4	Holualoa Kona	Hawaii	t-beam
wh6gkz-udp	East Volcano	Hawaii	portduino	Honokaa Hospital M1	Honokaa	Hawaii	tracker-t1000-e
WH6GZX-Fox	East Volcano	Hawaii	portduino	Solar Pad alpha	Honokaa	Hawaii	rak4631
JT Mobile Mesh	East Waimea	Hawaii	tracker-t1000-e	AH6DL 6DL1	Honolulu	Hawaii	rak4631
Meshtastic 92ac	East Waimea	Hawaii	heltec-v3	AH6DL Honomu T	Honolulu	Hawaii	Liligo t-beam S3 core
pi4-30db-whha	East Waimea	Hawaii	portduino	AH6DL roam a05e	Honolulu	Hawaii	t-echo
Unlimited_Laa	FA Mountain View	Hawaii	tracker-t1000-e	HOV2 c318	HOVE	Hawaii	heltec-v3
solar monolith beta	Hale Pohaku	Hawaii	rak4631	KH7M5-Home	HOVE	Hawaii	heltec-v3
Mesh 9F54	Hapuna	Hawaii	seed_wio_tracker_11	KH7M5-M2	HOVE	Hawaii	heltec-v3
Kohala 8CA6	Hawi	Hawaii	rak4631	WH6FC_Mesh_dcc6	HPP	Hawaii	t-echo
Kohala 8ca6	Hawi	Hawaii	rak4631	Kaloli-GCZ	HPP	Hawaii	rak4631
Meshtastic 70c4	Haw'n Ocean View	Hawaii		NDOB in HPP	HPP	Hawaii	heltec-v3
BK72	Hillside-Sunrise Sub	Hawaii	tiora-v2-1-1p6	Meshtastic 07e4	Hualalai 4 Seasons	Hawaii	
FZPB1	Hillside-Sunrise Sub	Hawaii	tiora-v2-1-1p6	solar kilo	Hualalai 4 Seasons	Hawaii	rak4631
GIX8	Hillside-Sunrise Sub	Hawaii	tiora-v2-1-1p6	Patches	Hualalai Villas	Hawaii	tracker-t1000-e
GIX9	Hillside-Sunrise Sub	Hawaii	t-deck	Meshtastic 4dda	Kahului	Hawaii	heltec-mesh-node-t114
				Elab Pi Waveshare A021	Kailua-Kona	Hawaii	rak4631

MESH-TASTIC MODE NODE MAP GROWS EACH DAY

STATE-WIDE LISTING AS OF 12/01/25

COMPILED BY KH6RDO; continues on next page

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 0b20	Kaloko	Hawaii	
Meshtastic 6c0d	Kalopa Mauka	Hawaii	t-echo
PI3-30db Kawaihae 8ff0	Kawaihae	Hawaii	portduino
Solar Sierra	Kawaihae	Hawaii	heltec-v3
Kelan's Phone	Kawaihae Rd	Hawaii	tracker-t1000-e
KH 7b78	Kawaihae Rd	Hawaii	heltec-wireless-tracker
Heltec mesh node T114	Kawaihae Rd Waimea	Hawaii	heltec-v3
Kika1	Kawailani	Hawaii	tracker-t1000-e
Mesh HPP c918	Keaau	Hawaii	heltec-v3
Mesh HPP c9A0	Keaau	Hawaii	heltec-v3
Meshtastic ee30	Keaau	Hawaii	tiora-v2-1-1p6
Gibby	Keahole	Hawaii	tracker-t1000-e
X SX1262	Keahole	Hawaii	xiao-nrf52-kit
Keahole pt	Keahole Airport	Hawaii	rak4631
CB202	Keaouhou Kona	Hawaii	heltec-v3
NBCMB	Keaouhou Kona	Hawaii	heltec-mesh-node-t114
Meshtastic c78b	Keaukaha	Hawaii	tracker-t1000-e
kilohana east e873	Kilohana	Hawaii	rak4631
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 Hoes Rd 3	Kohala	Hawaii	heltec-v3
Kohala Hoes Rd 55-358-1	Kohala	Hawaii	heltec-v3
Kohala Hoes Rd 55-358-2	Kohala	Hawaii	heltec-v3
Hawi 570f	Kohala Mtn Rd	Hawaii	rak4631
Kalopi 8ad1	Kohala Mtn Rd	Hawaii	rak4631
Kalopi repeater	Kohala Mtn Rd	Hawaii	heltec-v3
Station G2 Control	Kohala Mtn Rd	Hawaii	station-g2
6JA seed Hilo	Komohana	Hawaii	tracker-t1000-e
55 RANGER MAGNUM	Kona	Hawaii	t-deck
Acti+83: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
WH6EHI - 2fc5	Lalamilo	Hawaii	rak4631
KH6EKD-2	Laupahoehoe	Hawaii	heltec-v3
Meshtastic 71ea	Laupahoehoe	Hawaii	rak4631
KB SenseCAP Tracker ca9a	Lower Palisades	Hawaii	tracker-t1000-e
LMTK-7c	Lower Volcano	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	rak4631
solar monolith	Mana	Hawaii	rak4631
LMTK-23ac	Mauna Kea	Hawaii	station-g2
HPKU Hale Pohaku	Mauna Kea Beach	Hawaii	heltec-v3
Ditto	Mauna Kea Beach	Hawaii	heltec-v3
Onix	Mauna Lani	Hawaii	rak4631
Solar Tango Mauna Lani	Mauna Lani	Hawaii	seed_wio_tracker_11
77T1-Tracker 1	Mauna Lani	Hawaii	station-g2
MLOA-01 BIARC	Mauna Loa	Hawaii	
SW	Mid Kawaihae Rd	Hawaii	tracker-t1000-e
APRS igate Eden Rock 96771	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
KH6KU	Mountain View	Hawaii	heltec-wsl-v3
Max Davis	Mud Lane	Hawaii	rak4631
Solar Mamalahoa	Mud Lane	Hawaii	heltec-v3
AH6V-00ec	Ninole	Hawaii	heltec-v3
AH6V-6d04	Ninole	Hawaii	heltec-v3
AH6V-6ee0	Ninole	Hawaii	heltec-v3
KH6GM G2 f5c4	Ninole	Hawaii	station-g2
KH6GM Spec5 7f60	Ninole	Hawaii	heltec-wireless-tracker
KH6GM T1000 bcd5 (mobile)	Ninole	Hawaii	tracker-t1000-e
Paaulo Mauka 1609	Paaulo	Hawaii	rak4631
Wardriver (mobile)	Paaulo Mauka	Hawaii	rak4631
KH6NAK-B2	Pahoa	Hawaii	station-g2
KH6NAK-M1	Pahoa	Hawaii	tracker-t1000-e
HiMesh Project - Hilo	Panawea	Hawaii	heltec-v3
KH6RDO-Pepekeo	Pepekeo	Hawaii	heltec-v3



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Solar Keamuku	Pohakuloa	Hawaii	rak4631	HPA MQTT Gateway	Waimea	Hawaii	rak4631
Meshtastic 2dcd	Puako	Hawaii		Kamika 336b	Waimea	Hawaii	tracker-11000-e
HRCC Fast Node	UH West Hawaii	Hawaii	heltec-mesh-node-t114	Mana Road 59ab	Waimea	Hawaii	rak4631
solar node golf	Upper HOVE	Hawaii	rak4631	Meshtastic 0429	Waimea	Hawaii	
Hale Pohaku alpha 195f	Upper Humuula	Hawaii	rak4631	Meshtastic 9c38	Waimea	Hawaii	tracker-t1000-e
Waikii Coast	Upper Waikii	Hawaii	rak4631	Meshtastic b981	Waimea	Hawaii	rak4631
Pocket V2 Gamma	Upper Waikoloa	Hawaii	rak4631	Meshtastic d2b9	Waimea	Hawaii	tracker-t1000-e
MLE top 28	Volcano	Hawaii	rak4631	pi4-30db-hoku desk	Waimea	Hawaii	portduino
Car54 f324	Volcano	Hawaii	tracker-t1000-e	PI4K-30db	Waimea	Hawaii	portduino
HAD1 (mobile)	Volcano	Hawaii	tracker-t1000-e	solar mini alpha	Waimea	Hawaii	rak4631
KH7DQ	Volcano	Hawaii	tracker-t1000-e	solar mini block	Waimea	Hawaii	rak4631
KH7DQ-Base	Volcano	Hawaii	station-g2	Solar Papa	Waimea	Hawaii	heltec-v3
Meshtastic 2b34	Volcano	Hawaii		T-Beam S3 9d24	Waimea	Hawaii	lilygo-tbeam-s3-core
MLE_Net 1424	Volcano	Hawaii	heltec-v3	Waikii 74c0	Waimea	Hawaii	heltec-v3
VERT Planning Section Chief	Volcano	Hawaii	tracker-t1000-e	Waikii G2	Waimea	Hawaii	station-g2
WH6EBS R4	Volcano	Hawaii	station-g2	Waikii Repeater	Waimea	Hawaii	rak4631
WH6EBS-M1	Volcano	Hawaii	tracker-t1000-e	Waimea Homesteads	Waimea	Hawaii	rak4631
WH6EBS-R3	Volcano	Hawaii	station-g2	Wardriver beta	Waimea	Hawaii	rak4631
WH6LQ	Volcano	Hawaii	tracker-t1000-e	Cyclops	Waimea Town	Hawaii	rak4631
WH7BR-Base	Volcano	Hawaii	rak4631	Solar Lima	Waimea Town	Hawaii	rak4631
WH7BR-M1	Volcano	Hawaii	tracker-t1000-e	T-Beam Control	Waimea Town	Hawaii	t-beam
gunwale	Volcano Golf Sub	Hawaii	tracker-t1000-e	T-Beam S3 Alpha	Waimea Town	Hawaii	liligo-tbeam-s3-core
NH6ET	WaaWaa	Hawaii	heltec-wsl-v3	LaLae Repeater 4952	Waimea Watershed	Hawaii	rak4631
HiMesh Project - Moku O Keawe	Waiakaa Uka	Hawaii	heltec-wsl-v3	Meshtastic 03a7	Waimea Watershed	Hawaii	tracker-t1000-e
Sodna	Waiannuenuue	Hawaii	t-beam	Meshtastic 4154	Waimea Watershed	Hawaii	rak4631
Meshtastic da94	Waiannuenuue Hilo	Hawaii	heltec-v3	Meshtastiv b1d4	Waimea Watershed	Hawaii	heltec-v3
P1400-30db	Waikii	Hawaii	portduino	Meshtastic 6570	West HI Concrete	Hawaii	heltec-v3
Packmule	Waikii	Hawaii	heltec_mesh_node_t114	Meshtastic 7764	West HI Concrete	Hawaii	heltec-v3
Solar HP	Waikii Waimea	Hawaii	rak4631	Meshtastic e3b7	Wright Rd Volcano	Hawaii	tracker-t1000-e
solar waikii west	Waikii Waimea	Hawaii	rak4631	Borg-Server		Hawaii	station-g2
Waikii	Waikii Waimea	Hawaii	rak4631	CB999		Hawaii	t-deck
KH_7B7B	Waikoloa	Hawaii	heltec_wireless_paper	ele'ele		Hawaii	heltec-v3
Meshtastic 0488	Waikoloa	Hawaii	t-deck-pro	Kelan's Car		Hawaii	heltec-v3
Mobius T-Echo	Waikoloa	Hawaii	t-echo	kgGhwf		Hawaii	heltec-v3
Dekko Drone	Waikoloa Beach	Hawaii	tracker-t1000-e	KH6GG-uGG		Hawaii	portduino
M3at	Waikoloa Beach	Hawaii	tracker-t1000-e	LM-Logging		Hawaii	portduino
7772-Tracker 2	Waikoloa Beach	Hawaii	tracker-t1000-e	Meshtastic 7871		Hawaii	heltec-mesh-node-t114
Meshtastic 4efc	Waikoloa Village	Hawaii	t-beam	Meshtastic 7c67		Hawaii	rak4631
Orca Techo	Waikoloa Village	Hawaii	t-echo	MLOA-2		Hawaii	station-g2
6JA seedd Hilo	Wailuku	Hawaii	tracker-t1000-e	ORCA Uconsole		Hawaii	portduino
6KSN Seedd	Wailuku	Hawaii	tracker-t1000-e	Solar Sensor		Hawaii	rak4631
all your base are belong to us	Waimea	Hawaii	rak4631	SuM19374		Hawaii	heltec-v3
Chris Hawkins	Waimea	Hawaii	rak4631	VolcanoAI		Hawaii	portduino
Drone	Waimea	Hawaii	tracker-t1000-e	WH6EBS-M2		Hawaii	tracker-t1000-e
elab router pi4-30db ba5a	Waimea	Hawaii	portduino	wh6gx-POE		Hawaii	rak4631
Hawi Rd Waimea e3c9	Waimea	Hawaii	rak4631	WH6GXZ-ube		Hawaii	portduino
Hokuula Solar	Waimea	Hawaii	heltec-v3	WH6GZZ		Hawaii	heltec-mesh-node-t114

WH6HAA		Hawaii	tracker-t1000-e	Meshtastic 7568	Paia	Maui	liligo-tbeam-s3-core
WH6HEO-Cold Xiaoer		Hawaii	seedd-xiao-s3	Meshtastic 4b68	Pukalani	Maui	station-g2
WH6HEO-Hot Ziaoeer		Hawaii	seedd-xiao-s3	Meshtastic 9380	Pukalani	Maui	lilygo-tbeam-s3-core
Meshtastic e744		Hawaii	keltec-v3	Tavis T-Echo	Pukalani	Maui	t-echo
WH6EY-Repeater	Wailua	Kauai	rak4631	Meshtastic 1c5c	Puunene	Maui	heltec-v3
WH6EY-Unit1	Wailua	Kauai	rak4631	6C T-deck	Wailuku	Maui	t-deck
WH6EY-Unit2	Wailua	Kauai	rak4631	6C_seedd	Wailuku	Maui	tracker-t1000-e
Haiku Makai	Haiku	Maui	Liligo t-beam S3 core	Mat1 ed54	Wailuku	Maui	rak4631
Robert	Haiku	Maui	t-deck	Mat3 7052	Wailuku	Maui	rak4631
Haleakala Repeater	Haleakala	Maui	rak4631	Mat4 8355	Wailuku	Maui	tracker-t1000-e
Haleakala Summit Repeater	Haleakala	Maui	rak4631	Mat5 d67f	Wailuku	Maui	tracker-t1000-e
Meshtastic 5384	Kaanapali	Maui	heltec_mesh_pocket	Meshtastic 73e8	Wailuku	Maui	
Mat2 f48b	Kahalui	Maui	rak4631	pmow test	Wailuku	Maui	t-echo
6C t-deck	Kahalui	Maui	t-deck	Randy 7140	Wailuku	Maui	heltec-v3
KG6hwf	Kahalui	Maui	t-rcho	Wailuku Repeater (MQTT)	Wailuku	Maui	station-g2
Meshtastic 1a8d	Kahalui	Maui	tracker-t1000-e	Meshtastic 4283	Wailuku	Maui	seedd_wio_tracker_11
MIHNakoa	Kahalui	Maui	t-beam	Atlavox S4		Maui	rak4631
MIHTdeck	Kahalui	Maui	t-deck	Haiku K9-H 2f26		Maui	rak4631
	1001010 Kealahou Ridge	Maui	tracker-t1000-e	KH6UU repeater		Maui	rak4631
Kihe1	Kihe1	Maui	rak4631	SunMesh 915a Solar		Maui	heltec-v3
Meshtastic c814	Kihe1	Maui		Meshtastic 607d	Honomuni	Molokai	t-echo
Octogrid 01	Kihe1	Maui	t-echo	ENTM_Peaberry	Kaunakakai	Molokai	heltec-mesh-node-t114
Octogrid 6	Kihe1	Maui	diy-v1	ENTM_Paper	Kaunakakai	Molokai	heltec-wireless-paper
Octopie Base Node	Kihe1	Maui	portduino	WH6HDC_experimental	Kaunakakai	Molokai	rak4631
Hello From Canada	Kihe1	Maui	tlora-v2-1-1p6	WH6HDC-mobile	Kualapuu	Molokai	t-echo
Kihe1Base	Kihe1	Maui	rak4631	WH6HDC-base	Kualapuu	Molokai	t-echo
pmow mobile	Kihe1 Ridge	Maui	t-echo	WH6HDC-mobile	Kualapuu	Molokai	heltec-mesh-pocket
Cloud Castle Farm	Kula	Maui	lilygo-tbeam-s3-core	ENTM_Solar	Molokai High School	Molokai	rak4631
WH6FXV-1 Fixed	Kula	Maui	heltec-v3	ENTM_T-deck (mobile)	Molokai High School	Molokai	t-deck
Meshtastic ebf5	Kula	Maui	t-echo	ENTM_Terminal	Molokai Shores	Molokai	rak4631
KH6TU	Lahaina	Maui	heltec-v3	ENTM-Peanut	Molokai Shores	Molokai	heltec-v3
Big Kahuna 44e4	Launiupoko Lahaina	Maui	tracker-t1000-e	Meshtastic 63c0	Pearl Harbor	Oahu	
Launiupoko df60	Launiupoko Lahaina	Maui	rak4631	RUSwork 003c	Ala Moana	Oahu	heltec-v3
Meshtastic 90fa	Maalaea	Maui	t-echo	KH6OWL Home 6424	East Kapolei	Oahu	heltec-v3
Colin Makawao	Makawao	Maui	tlora-v2-1-1p6	Sugoi Mesh	East Kapolei	Oahu	tracker-t1000-e
Kanaka1	Makawao	Maui	rak4631	SWTI 37C	East Kapolei	Oahu	rak4631
KH6HHG d510	Makawao	Maui	heltec-v3	hawaii_gaz	Enchanted Lake	Oahu	heltec-v3
KH6UU d03c	Makawao	Maui	rak4631	Hawaii_gaz	Enchanted Lake	Oahu	heltec-v3
Meshtastic d287	Makawao	Maui	t-echo	KH6ML Bad Echo	Enchanted Lake	Oahu	
Silversword aabc	Makawao	Maui	heltec-v3	Meshtastic 4c7f	Enchanted Lake	Oahu	
Tav G2Nano Ultra	Makawao	Maui	nano-g2-ultra	Meshtastic 8454	Enchanted Lake	Oahu	t-echo
Tavis G2	Makawao	Maui	station-g2	WH7GG T-Echo	Enchanted Lake	Oahu	t-echo
Black Bag	Olinda	Maui	t-echo		Ewa	Oahu	
WS85 WX 4011	Olowalu	Maui	rak4631	Meshtastic 6a44	Ewa Beach	Oahu	rak4631
KN6MCI T-Echo	Olowalu	Maui	t-echo	AH6WN RAK Mobile	Ewa Beach	Oahu	rak4631
Blue Mesh	Paia	Maui		Atlavox B2 6894	Ewa Beach	Oahu	rak4631
Meshtastic 706C	Paia	Maui	heltec-v3	Ewa by Gentry	Ewa Beach	Oahu	lilygo-tbeam-s3-core
				GreenRed f58	Ewa Beach	Oahu	

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HAVERLY01
Hawaiimeshmp
Iron Giant
JavaMeshHome
Jays Node
KSDCE Base
KA4NQS f57c
KaiMT
Karah_WRXM997
KH6UU 5dd4
KH7EC-C
KH7TV Beam
Kilohana Solar
KR-IT-RC
Kulamalu MQTT Maui
Lanikai looking @Kailua & Maui
LM - Turbotest
LM-Rak
LM-TactCon
LM-UDPtest
M-1
Maus ab9a
Meshtastic b6b8
Meshtastic Terminal
Meshtastic 03ac
Meshtastic 0506
Meshtastic 059d
Meshtastic 0660
Meshtastic 06cc
Meshtastic 078a
Meshtastic 0892
Meshtastic 0c70
Meshtastic 1476
Meshtastic 147a
Meshtastic 14b9
Meshtastic 15dc
Meshtastic 16a2
Meshtastic 197c
Meshtastic 1a27
Meshtastic 2004
Meshtastic 2026
Meshtastic 214a
Meshtastic 21fc
Meshtastic 2528
Meshtastic 25e0
Meshtastic 25f0
Meshtastic 2660

heltec-v3
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t-echo
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heltec-v3
tracker-t1000-e
heltec-v3
heltec-v3
lilygo-tbeam-s3-core
rak4631
tracker-t1000-e
station-g2
rak4631
xiao-nrf52-kit
rak4631
sensecap-indicator
station-g2
rak4631
tracker-t1000-e

rak4631
t-deck
heltec-mesh-mode-t114
tracker-t1000-e
rak4631

tracker-t1000-e

rak4631
rak4631

heltec_mesh_pocket

rak4631
rak4631

heltec-mesh-node-t114

station-g2

Meshtastic 276a
Meshtastic 27c5
Meshtastic 2849
Meshtastic 2ac1
Meshtastic 3163
Meshtastic 3528
Meshtastic 36f9
Meshtastic 36f9
Meshtastic 3f68
Meshtastic 3f98
Meshtastic 4294
Meshtastic 4533
Meshtastic 4ac0
Meshtastic 4d45
Meshtastic 5073
Meshtastic 515c
Meshtastic 556c
Meshtastic 5890
Meshtastic 5cfc
Meshtastic 6190
Meshtastic 61d4
Meshtastic 63cd
Meshtastic 6615
Meshtastic 696e
Meshtastic 6a2c
Meshtastic 6d44
Meshtastic 6dbd
Meshtastic 6ddc
Meshtastic 6e34
Meshtastic 7060
Meshtastic 7280
Meshtastic 756c
Meshtastic 78a3
Meshtastic 7afc
Meshtastic 7b94
Meshtastic 7bd8
Meshtastic 7c78
Meshtastic 7d14
Meshtastic 7fc4
Meshtastic 8559
Meshtastic 8d30
Meshtastic 8ddf
Meshtastic 8f3c
Meshtastic 8fd1
Meshtastic 9468
Meshtastic 9650
Meshtastic 9940

rak4631
rak4631
t-echo
rak4631
heltec-mesh-pocket
t-echo
rak4631
rak4631

t-beam
rak4631
t-deck
rak4631
rak4631

heltec-v3

rak4631
rak4631
tracker-t1000-e
rak4631
heltec-v3

tracker-t1000-e

rak4631
t-beam

t-beam
heltec-v3
tiora-v2-1-p6
rak4631

rak4631
station-g2
tracker-t1000-e

heltec-v3

heltec-v3



Meshtastic 9c61
Meshtastic 9fbc
Meshtastic a0aa
Meshtastic a304
Meshtastic a5dc
Meshtastic a978
Meshtastic aa80
Meshtastic abcb
Meshtastic ade8
Meshtastic b468
Meshtastic b7dc
Meshtastic b8ac
Meshtastic b9c9
Meshtastic b9f9
Meshtastic bac7
Meshtastic be24
Meshtastic be90
Meshtastic c0f0
Meshtastic cac8
Meshtastic ccd4
Meshtastic cd50
Meshtastic ce9e
Meshtastic d403
Meshtastic d514
Meshtastic d904
Meshtastic db70
Meshtastic defc
Meshtastic df98
Meshtastic dfe8
Meshtastic e128 (mobile)
Meshtastic e214
Mama_Kat e770
Meshtastic e9f0
Meshtastic ee90
Meshtastic fb64
Meshtastic f728
Meshtastic f7c4
Meshtastic fb30
Meshtastic fb80
Meshtastic f934
Meshtastic fbaf
Meshtastic fc73
Meshtastic fe54
Meshtastic d0d0
MiMobile
MkkB
mkkD

rak4631
heltec-v3

heltec-wireless-tracker
heltec-v3

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rak4631

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heltec-v3
tracker-t1000-e
tracker-t1000-e

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heltec-v3
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heltec-v3

tracker-t1000-e
heltec-v3

t-deck
heltec-v3

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t-deck

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t-deck
station-g2
heltec-v3
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heltec-v3
heltec-v3
xiao-nrf52-kit

heltec-v3
heltec-v3
lilygo-tbeam-s3-core
heltec-v3
heltec-v3

mkkP
mkkT
MLCS-2
MLE_752c
a5b8 Frankie
MLE_Net ce65
Mloa-H Test
Mobiud T1000-E
Monkey 8044
msunset
MT3
NEEZ
Nibbler Bde4
Node Collector EDC Muzi
NorthRWest 2
NorthRWest Base
Norwood-Online
ORCA Hapuna
ORCA T1000e
ORCA Tdeck Plus (mobile)
ORCA Westside
Orcatdeck
Paper c244
PatchrZero.Prime
Patti
Pher Mobile
pi3-30db-echo
pi3a-cd98
PiS-waveshare bfc2
Pi-zero-22db alpha
pi-zeroW-delta
RAK Solar KOKO
Rook Pro
Rookery CAW1
Rookland
Scooby Doo
SenseCap_02
SKW1
Small Kine Lolo Papolo
solar block
Solar DannyK
Solar Oscar
Solar Snake 01
SolarBaker
Station G2
Sugoi Mesh R1
SunMesh 915a

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heltec-v3
rak4631

heltec-v3
heltec-v3
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rak4631
t-deck
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heltec-wsl-v3
rak4631
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portduino

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t-echo
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heltec-v3
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rak4631
rak4631
heltec-mesh-mode-t114
station-g2
rak4631
heltec-v3

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T_Beam_5_986c	lilygo-tbeam-s3-core
T-Beam Beta	t-beam
T-Beam Gamma	t-beam
Tbird TT01	heltec-v3
tdeck forrestk3	t-deck
T-Echo a912	t-echo
T-Echo c7a3	t-echo
Thomas R1	rak4631
TK_Heltec_V3	heltec-v3
TRE1 9502	rak4631
Uconsole	portduino
VERT Deputy Planning Chief	tracker-t1000-e
VERT Fire Dept Liaison	tracker-t1000-e
VERT Medical Unit Lead	tracker-t1000-e
VERT-01	tracker-t1000-e
W4 Solar 0b3d	rak4631
Wah_Phku_1	heltec-v3
WH6EGG-34 Heela	heltec_mesh_node_t114
WH6FIX 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_DragonHawk	heltec-v3
X Tdeck	t-deck
zhu 5e08	heltec-v3
Atlavox Cape Coral	rak4631
Tiny Solar (Williams Crossroads)	xiao-nrf52-kit
Astra Hv3	heltec-v3
Meshtastic f418	station-g2
Inoculation	t-deck
Meshtastic 2f90	heltec_v4
MLE_Net_e66f	rak4631
Sukebe mobile	heltec-v3
Meshtastic 72fc	heltec-v3
Meshtastic 59c2	
BROVO 3	heltec-v3
BROVO 4	heltec-v3
Maxlinux Rok Trak	rak4631
Meshtastic a4b8	heltec-v3
Meshtastic 92c4	
WYK7 TC2-BBS-Mesh CMD B	heltec-v3
Meshtastic 3e68	
Meshtastic 87d5	
AB4YY-solar	rak4631
Meshtastic f954	
Meshtastic 89be	
Attick Shire	t-beam
X Solar	rak4631
Meshtastic 1b76	rak4631

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

