

# Ham Shack Hotline

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# Purpose



- The Hamshack Hotline is a Free VOIP telcom service for the Ham Radio Community
- Its purpose is to augment communication in hamshacks, EOC's, Club's and club members.
- It offers full duplex operation
- It also supports FAX

# How to get started?



- Purchase a SIP (Session Initiation Protocol) phone.
  - These phones can be found on Ebay for \$20-60
  - Currently supported models on HHUS, HHEU and HHAP are as follows: Cisco SPA-112, Cisco SPA-303, SPA-504. SP-514, SPA-941/942 and Cisco SPA-525
  - If used, make sure phone is “UNLOCKED”, and factory-reset.

Take picture of phone's label with MAC address and upload it with your ticket at our help desk at:

[www.hamshackhotline.com](http://www.hamshackhotline.com) or  
<http://apps.wizworks.net:9090/>

# How to get started?



- After your help ticket has been processed, you will be sent Welcome to Hamshack Hotline showing your new number. The help desk has the provisioning documents for each accepted phone in PDF format in the knowledgebase area. In there you will find the procedure to get your phone connected.
- Once you have entered the browser script it will go out to the TFTP server and retrieve your provisioning information for your phone.
- [http://x.x.x.x/admin/resync?tftp://apps.wizworks.net/spacfg-\\$MA.cfg](http://x.x.x.x/admin/resync?tftp://apps.wizworks.net/spacfg-$MA.cfg)
- The phone will reboot, and you should be online!

# Uses you ask?



- In an Emergency Operation Center, HH offers instantaneous activation and automatic distribution of initial activation instructions.
- The command and control staff can use HH as back channel for coordination, and correlation of incoming information, reducing unnecessary radio traffic.
- The Hamshack Hotline can also be used in the same way for NWS/Skywarn information and activations.

# Conference Bridges



- Currently we offer three public bridges: 300, 302, 314 and the New England Weather 305, and several others.
- We offer private bridges where a PIN# is required for people to join. This can be used for command structure situations, or club leadership needs.
- We also have RF Linking to AllStar Node repeaters. Example: 94000 links to our Hamshack Hotline talkgroup on BrandMister DMR Network.

# The Network



Currently the Hamshack Hotline US (HHUS), server is hosted on AWS cloud.

- The Experimental Hamshack Hotline server (HHX) is hosted by Jeff Dale VA3ISP located in Ontario Canada.
- A third network, (HHEU), is hosted for European extensions.
- A fourth network, (HHAP), is hosted for Asia Pacific extensions. Hosted by Gescio Alpuro WH6AV located in Wailuku, HI
- All can dial each other as they are trunked together.

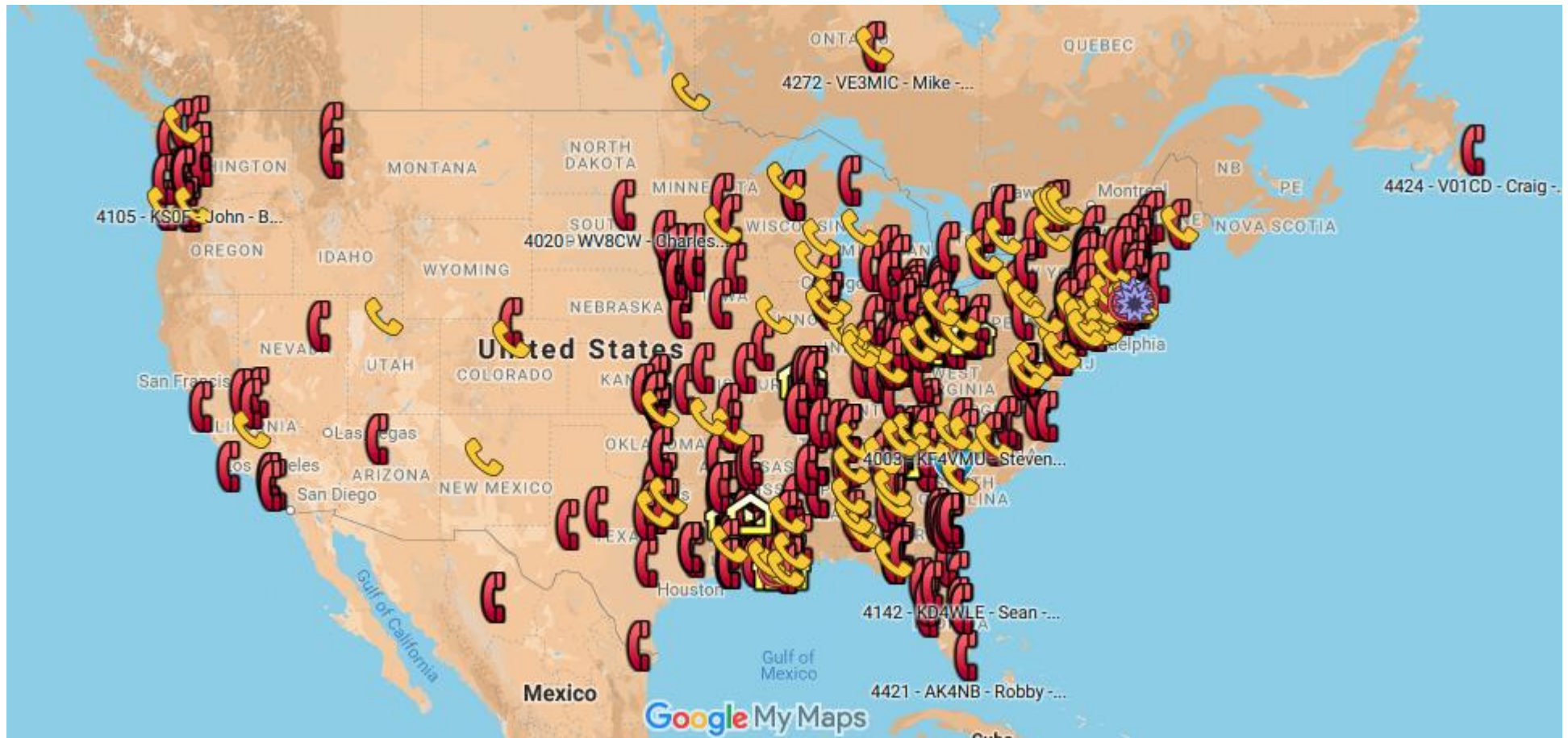
# HHUS, HHEU & HHAP vs Experimental HHX



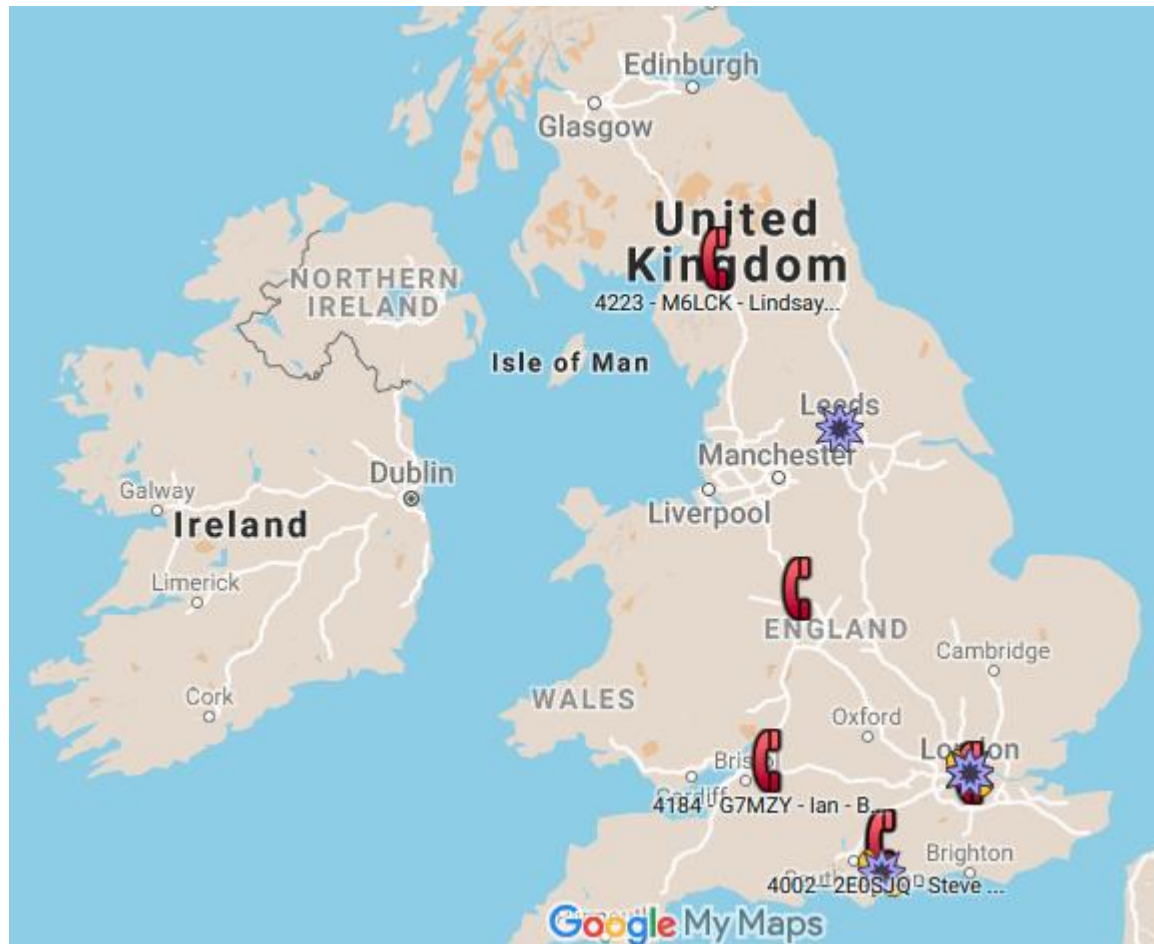
- Currently the HHUS, HHEU and HHAP server are designed for supported endpoint devices only.
- The Experimental Hamshack Hotline HHX server is designed for the user who is more technically knowledgeable and non supported endpoint devices for HHUS, HHEU and HHAP. The user is responsible to have understanding of VOIP, and or PBX systems. No helpdesk support is guaranteed other than initial credentialling to system.



# United States



# United Kingdom



# Asia, Australia, NZ, Hawaii



# Growth?



- John Rogers K1WIZ started the vision of Hamshack Hotline in February 2018. Ken Reynolds KA1EZH and Dave Neal W2DAN both shared in his vision and have developed Hamshack Hotline to where it is today.
- We now have over 850 lines most in the US, with a handful in Canada, UK, New Zealand, and one in Thailand.
- We average approximately 3 to 5 new subscribers each day.

# Media and Social Media



Our web page is: [www.hamshackhotline.com](http://www.hamshackhotline.com)

- On Facebook you can join our Hamshack Hotline page. We ask that you answer the three mandatory questions. If they are not answered the request will be denied until answered appropriately.
- Mattermost for Hamshack Hotline. Mattermost is a open-source, self-hostable chat service.

# Hamshack Hotline, Inc



- We recently incorporated Hamshack Hotline as a Non-Profit. This is a free service that we provide, but we do have fees that we pay to keep the servers in the cloud. And we are looking to add more features and servers in the future. On our website we do offer our users or anyone the opportunity to donate to our mission to keep the lights on. You can go to our webpage below or send a check to Hamshack Hotline Inc., 45 Beth Rd, Tiverton, RI 02878

[www.hamshackhotline.com](http://www.hamshackhotline.com)

# Other Services



- Telephone Service Provider via VoIP
- There are many service providers to choose from!
- I personally use VoIP.ms
- If you want E-911 you must pay for it.
- Penny a minute.
- Bluetooth to Cell Phone

**VOIP.ms**

# Questions?

