Hamshack Hotline RF Linking

The Hamshack Hotline (HH) allows extensions to be tied to an RF connection to allow others to dial in and use the RF link.

Note that this does not enable Autopatch from the RF connection. This is a one way connection from the HH to your RF system, basically a reverse autopatch if you will.

Creating an RF Connection to the Hamshack Hotline

To create a connection to HH, you first need to have configured an Allstar Node. Asterisk is needed to connect to the HH system as the HH system is based on Asterisk as well. There is plenty of documentation online on configuring an Allstar Node, so that is outside the scope of this document.

It is recommended, but not required, that you configure a private node on your Allstar Node when configuring the node to have the HH connection tie to. This will allow you to disconnect the HH connection from your Allstar node in case there is a problem.

Also, we ask that you set up your PTT command to be *99 and release to be # in your rpt.conf file if you do not already have this setup. This will make sure that once someone dials in that they do not cause interference or problems on accident. This will also make all PTT commands uniform for the system

On your Allstar Node

You will need to edit the *IAX.conf* and *extensions.conf* files.

In your iax.conf you will need to configure a stanza similar to this:

```
[hhphone]
username=<Choose a username>
type=user
context=hhphone
host=dynamic
auth=md5
secret=<choose a password>
disallow=all
allow=ulaw
allow=g726aal2
allow=gsm
codecpriority=host
transfer=no
callerid="HamshackHotline"
```

In your extensions.conf you need to configure a stanza similar to below. Note that you need to change the node numbers to the node that you are having the connection dial into. So, if you

configured a private node and if, for example, that node number is 1900, then you would use 1900 in place of 47374 below:

```
[hhphone]
exten => 47374,1,answer()
exten => 47374,n,Playback(rpt/node)
exten => 47374,n,Playback(digits/4)
exten => 47374,n,Playback(digits/7)
exten => 47374,n,Playback(digits/3)
exten => 47374,n,Playback(digits/7)
exten => 47374,n,Playback(digits/4)
exten => 47374,n,Playback(rpt/connected)
exten => 47374,n,rpt(47374|P)
```

Connecting to Hamshack Hotline

Once you have your node configured, you will need to request an extension through the HHOPS ticketing system. This can be reached at http://apps.wizworks.net:9090/ . Select the "Request RF linked extension" and then let us know if it is for an ARES extension (7XXX) or regular connection (94XXX).

You will need to make sure to include an IAX2 Dial string that includes the stanza information you setup for your node's connections. The IAX2 Dial String looks like:

IAX2/username:password@domain:port/node number to connect to

So for example

IAX2/usrname:paswrd@my.node.com:4569/1990

This is the most important part. Without this, we are not able to connect to your system.

Once your extension is provisioned, you will be contacted with your extension number (which will be the next sequential number in the list) to test and make sure that you can connect to your node.