

Ham 90A - Allstar - Two Systems
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- AllStar Voip is a tremendous digital system which connects public nodes, private nodes, RF, and cellphones. This is a connection interface for smart phones and radios.
- The system was an outgrowth of the Asterisk PBX phone system. The original system was developed by Jim Dixon (SK). On his demise, the project was without leadership. A group came together to maintain AllStarLink. The system did not develop significantly and is still Beta after many years.
- HamVoip is a fork of the system. The user interface and set-up dramatically improved.
 - David McGough, K4FXC, is the originator of the HamVoip Raspberry Pi 2/3/4 software distro.
 - Doug Crompton, WA3DSP, is the originator of the BeagleBone Black AllStar release.
 - They teamed to develop the HamVoip distros.
- AllStar Voip, like many Linux systems, is a conglomeration.
 - Registration is coordinated by the legacy AllStarLink site <https://AllStarLink.org>.
 - Early distro still in Beta version is maintained by AllStarLink group. <https://AllStarLink.org>.
 - A fork to a newer, my preferred, distro is available from HamVoip. www.HamVoip.org.
 - How-to-do-it articles are available at www.evergreencg.org
- The ham world and particularly AllStar have notoriously poor documentation. Since it is an experimenters' environment, this state of affairs is expected.
- When we were asked to develop a ham group, the target was people living life who wanted emergency communications. You are not asked about your technical ability. You are asked what is your interest?
- The consequence is perhaps the most extensive archive of simple-to-read, *one-page* articles covering a range of ham topics, from getting your license to building digital radios. When someone asks a question, an article results, because someone else likely has a similar question. Our career span in industry, academia, and entrepreneurship provides a unique skill set and perspective.
- We know how to *do*, *teach*, and *write*. The articles are posted on the group website, www.evergreencg.org
- Our original development and articles were around the AllStarLink (ASL) system. About 30 articles are archived as Ham 45x – firmware, Ham 46x – radio, and Ham 47x –user. Since the AllStarLink is still actively used by some, we maintain the articles. The ASL articles are earlier and have a more detailed, involved system as a Pi reference.
- This article is our fork from AllStarLink (ASL) to the HamVoip distro. For convenience we are grouping the systems as AllStarVoip (ASV). Less experienced makers will find it much easier to move into. These articles will use the number block Ham 90 – 98. The ASV system will still find usable explanatory info in the previous article series.
- The systems are largely compatible. Both obtain node assignments from www.AllStarLink.org.
- ASV has a better GUI interface. The major changes are the format of configuration files such as rpt.conf, iax.conf, extensions.conf and simpleusb.conf.
- The entire Maker project has been reduced to 6 steps, with *one-page* instructions for each.
 - Yes, You can be a Maker.
 - Registration
 - Parts List
 - Cables Made Simple
 - App Setup
 - Audio Adjustment
- Life is good. Enjoy!

