

**Ham 302 – AS3 System - Register**  
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- AllStar is an amateur radio system which allows connecting radios, repeaters, and computers to create a network accessible around the world.
- USER ID: Because so many systems and items interconnect, the user needs to have multiple accounts:
  - FCC Ham License, AllStarLink.org website, AllStarLink nodes, Raspberry Pi hostname, Iax Pc access.
  - Record your email address, user ID, a password for each, and a number associated with each.
  - Different callsigns are allowed for each node.
  - Write them down.
- CREATE AN ACCOUNT: Go to <https://AllStarLink.org>.
  - Click <Sign Up>. It may take a few hours to get confirmed.
- ONCE YOU HAVE AN ACCOUNT: Expand your ID to at least two nodes. One is for Repeater phone.
  - Login.
  - Go to > Portal > Servers. Give the first server a name to remember.
  - Give the second server a name.
  - Go to > Portal > Nodes.
  - Associate each node number with a server. Each can have a different password.
  - CAUTION PASSWORDS: **No special characters allowed except underscore and hyphen.**
- SUGGESTION:
  - Let the first node (ends in 0) be simply your callsign (KI5xxx).  
Use this with your cellphone.
  - Make the second node a link, your callsign-L (KI5xxx-L).  
Use this with your Raspberry Pi.
  - This arrangement allows you to use your cellphone to test your node.
- NEXT VISITS: You will come back to this screen several times.
  - After you construct the node with a Raspberry Pi, come here to check if you are connected.
  - Registered = yes, means ASL sees your node running.
- OPERATION: Fortunately, operation is very simple.
  - You only need the phone number (node number).
  - It is just a phone system at this point.
  - DTMF keypad, like a phone, calls and controls the station.
- Life is good. Enjoy!

