

### How to Install ICOM 2820 HARP memory update with CHIRP

1. download and save HARP memory update IMG file to your computer  
HARP IC-2820H 03-27-19 update.img
2. launch CHIRP
3. turn on ICOM 2820 hospital radio
4. plug USB-29A programming cable into right most 3.5mm jack on back of radio



5. plug USB-29A programming cable into laptop usb port
6. select CHIRP menu: **Radio > Download from Radio**
7. wait for CHIRP dialog to appear  
choose COM PORT that was created when USB-29A was plugged in  
choose Icom as VENDOR  
choose IC-2820H as MODEL
8. Click OK

If you have not selected the correct COM PORT, an error message will appear.  
Simply try Step 6 again and choose a different COM PORT

When the COMP PORT is correct, a Clone Progress dialog opens and shows progress reading the radio  
When Read is complete, the radio will auto-cycle off and on, and  
CHIRP shows memory list

9. select FILE > SAVE AS and save the memory list as a back-up file
10. then, use FILE > OPEN and locate the HARP memory update file that you saved in Step 1  
(HARP IC-2820H 03-27-19 update.img)  
and click OPEN
11. a second memory tab with the file name **Icom IC--2820H: HARP IC-2820H 03-27-19 update** will open
12. click on this second tab to choose the new memory update file
13. select CHIRP menu: **Radio > Upload to Radio**
14. wait for CHIRP dialog to appear  
COM PORT used in Step 7 should already be selected  
VENDOR - Icom already listed (grayed out)  
MODEL - IC-2820H already listed (grayed out)
15. Click OK  
Clone Progress dialog opens and shows progress cloning to the radio  
When Read is complete **CLONE END** shows on radio display
16. Power cycle the radio (turn off and back on)  
The update memories should now be loaded into the radio  
checking memory #335 should show **Mt.WAshV1**, for instance
17. Memory update is complete  
Disconnect the USB-29A cable  
The IC2820H is now ready to use with the new channel update