

Updating a Garmin GPS

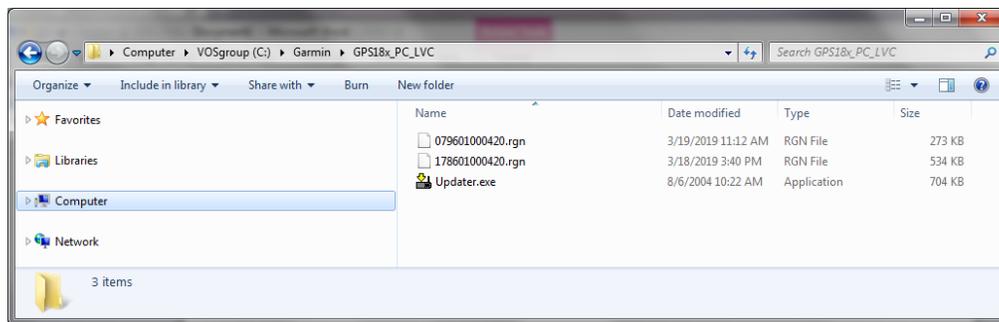
Use this to update the Garmin 18x pc gps receivers to firmware version 4.20. This this version has a fix for the April 6th 2019 rollover issue.

1. Load Garmin Installation instructions if you prefer to follow that, otherwise continue below.

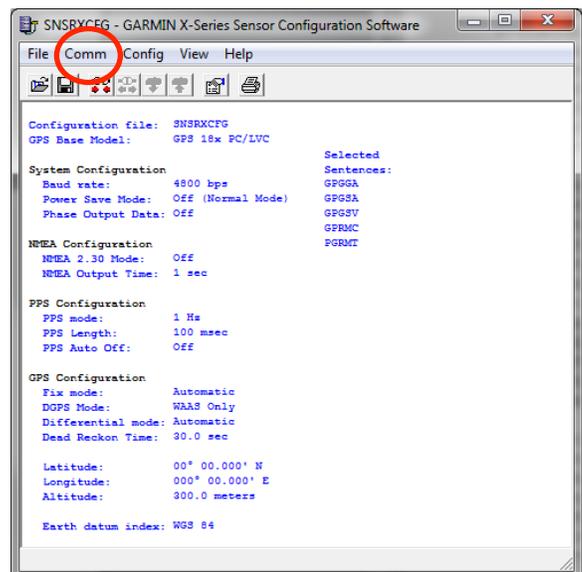
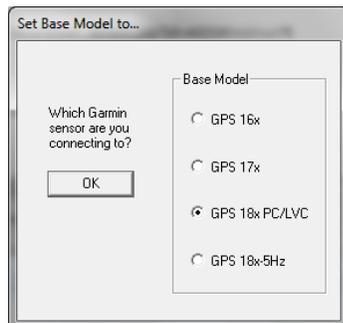
.Garmin Instructions: https://www8.garmin.com/support/download_details.jsp?id=4055#Instruct

2. -Download 4.20 update (http://download.garmin.com/software/GPS18xPC_LVC_420.exe)

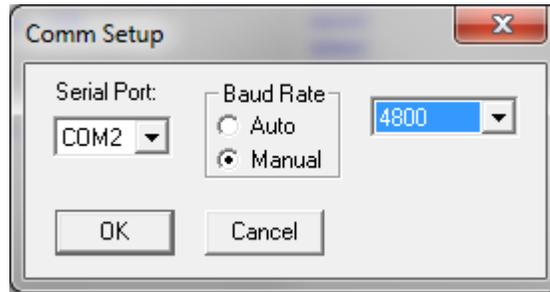
3. -Extract "GPS18xPC_LVC_420.exe" by running it. Select "C:\Garmin" as location (default option).



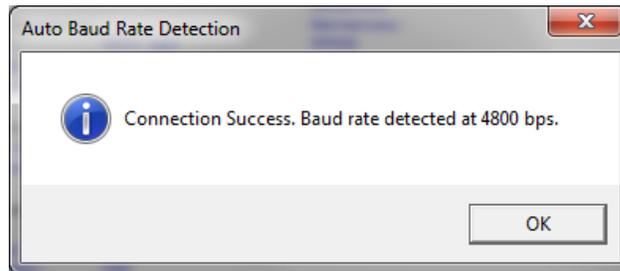
4. - Start the SNSRXCFG_200 program. select option GPS 18x PC and click OK



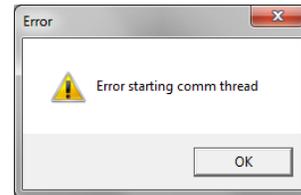
- From the "Comm" – "Setup" menu select the appropriate serial port, set a manual baud rate of 4800, and click OK.



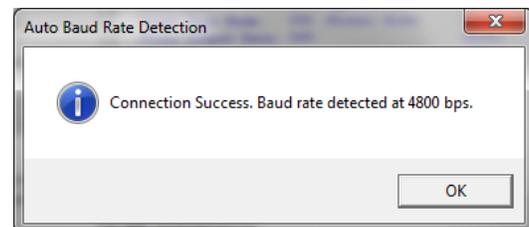
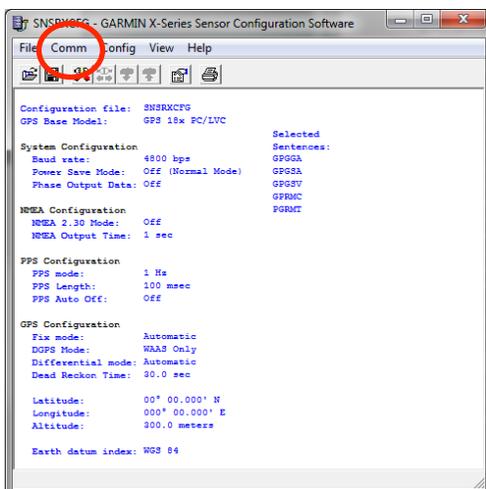
If successful, you will get this:



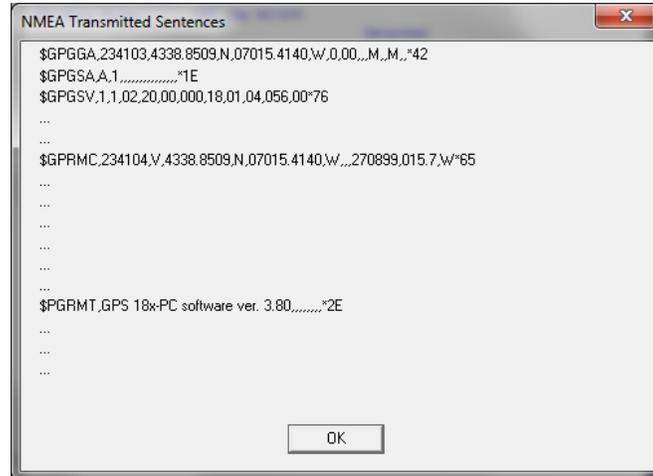
If there is an error, make sure the GPS is powered and working.



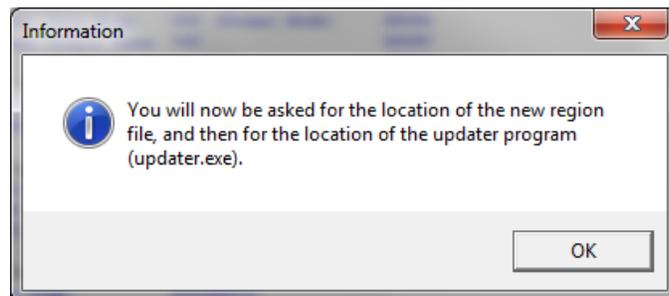
- From the "Comm" menu select "Connect".



7. -From the "View" menu select "NMEA Transmitted Sentences" and check that NMEA sentences are streaming.



8. -From the "Config" menu select "Update Software".



9. -Select the following file "079601000420.rgn" (located in C:\Garmin)

10. -When asked to update program, select the "Updater.exe" program that was just extracted in C:\Garmin. At this point SNSRXCFG_200 should start Updater.exe

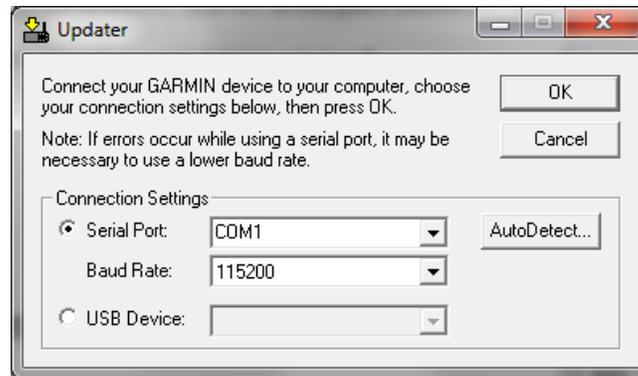
if it doesn't, try one of these solution:

- close SNSRXCFG_200 and run Updater.exe
- Keep SNSRXCFG_200 running and run Updater.exe in addition

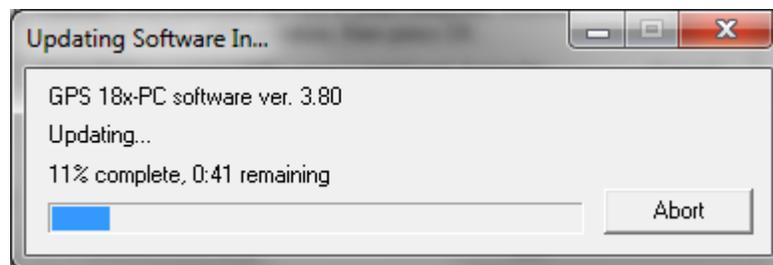
(We had to do this with some Windows 10 computers)

11. -Now select correct serial port and set a baud rate of "115200"

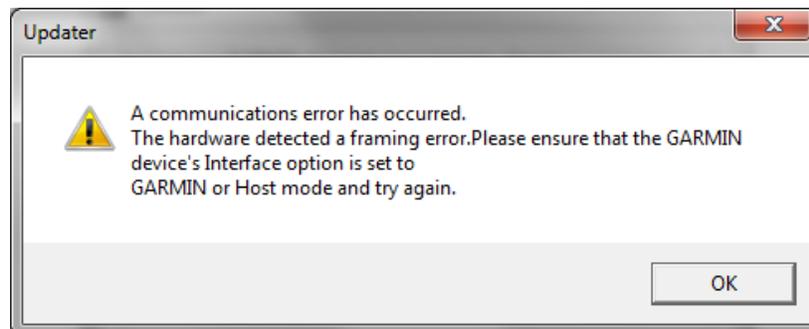
This might take a while.



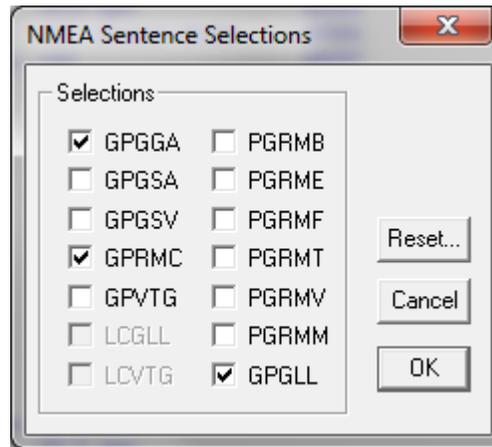
A successful connection should show:



If an error occurs, restart GPS (cycle power) and go back to step 8



14. .To Select NMEA strings to output, go to menu “Config”- “NMEA Sentence Selections”



15. Select the desired strings to output and click OK.

16. Save the configuration by going to the menu “Config”-“Send Configuration to GPS”

No need to save the configuration when exiting the software.