



GAMP firmware update

OPTION 1: manually copy the firmware file image.hex into the SD card

1. STEP

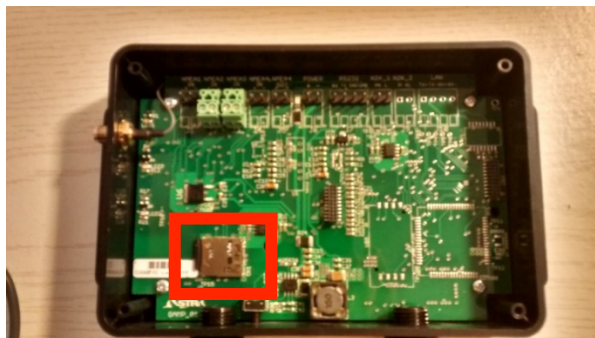
Download the appropriate firmware file (NO GPS, GPS, GAMP 2000, GAMP NMEA 0183) from the [ASTRA website - Downloads section](#). Rename the downloaded file into image.hex (e.g. GAMP_2000_GPS_v5_1.hex to image.hex).

2. STEP

Copy the image.hex file to the SD card.

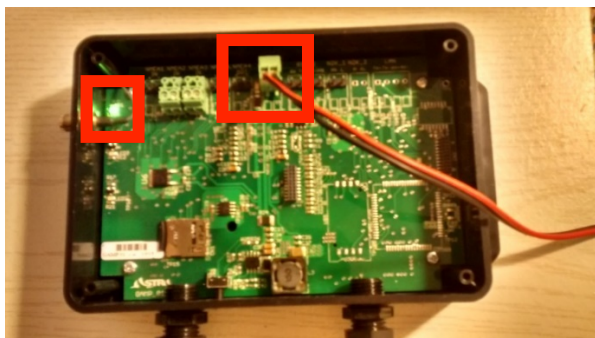
3. STEP

Insert the SD card into the GAMP SD slot.



4. STEP

Power up the GAMP the green LED turns on.



5. STEP

Wait the blue LED to turns on (the software is updated). If the blue led do not turns on then some error happened during the firmware update process try to repeat the update process.



Note: the GAMP cancel the file image.hex when successfully updated.

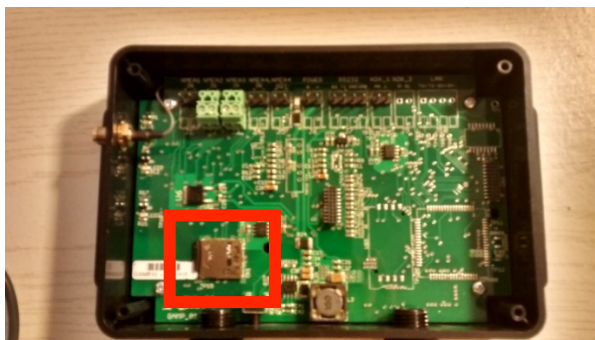
OPTION 2: using the GAMP configurator

1. STEP

Download the appropriate firmware file (NO GPS, GPS, GAMP 2000, GAMP NMEA 0183) from the ASTRA website (<http://www.astrayacht.com/wp/downloads/>) and download the appropriate GAMP configurator (NO GPS, GPS, GAMP 2000, GAMP NMEA 0183).

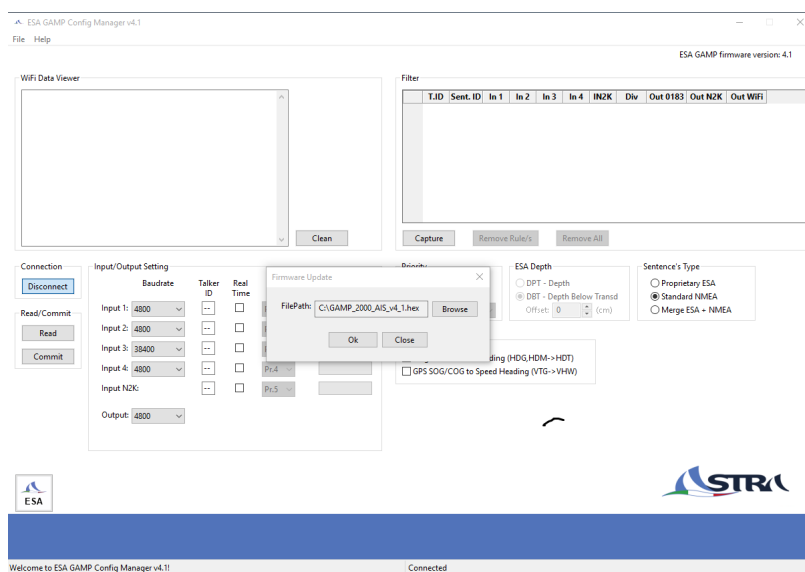
2. STEP

Insert the SD card into the GAMP SD slot.



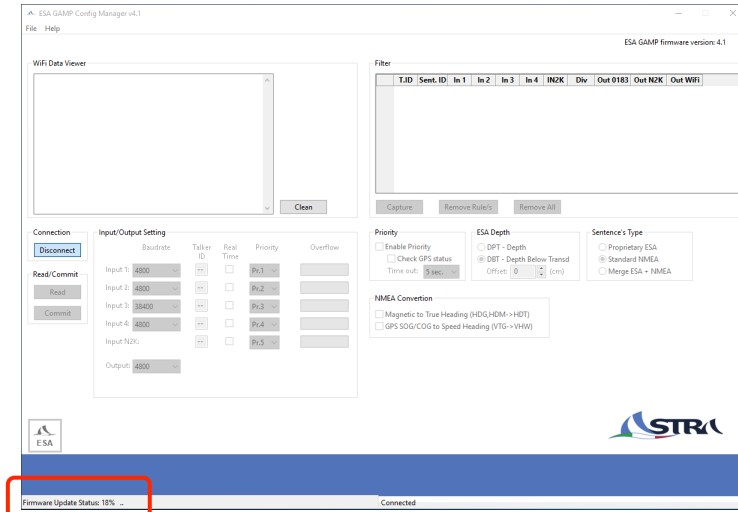
3. STEP

Connect the dongle to the configurator (see also the GAMP operating manual). Then select the menu option File->Firmware Update a dialog box will appear as shown in the following figure. Search the downloaded firmware file.



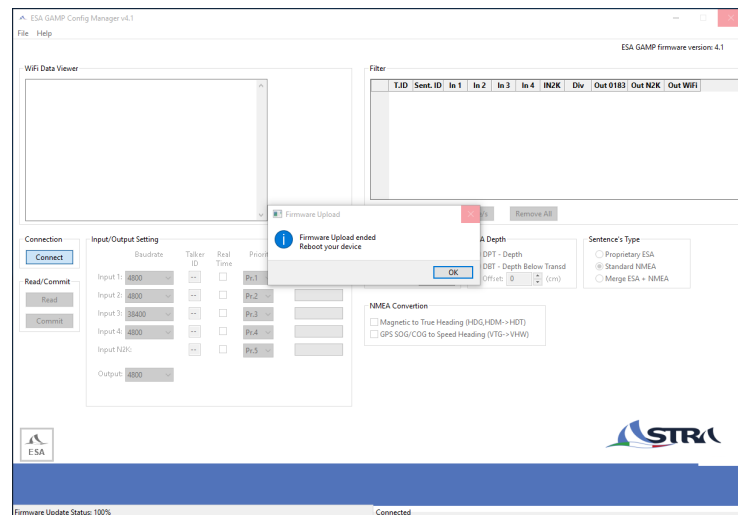
4. STEP

Wait the firmware update process to finish. The status bar show the update process as shown in the following figure.



5. STEP

After the firmware update finish reset the dongle.



6. STEP

Wait the blue LED to turns on (the software is updated). If the blue led do not turns on then some error happened during the firmware update process try to repeat the update process.



Note: the GAMP cancel the file image.hex when successfully updated.