

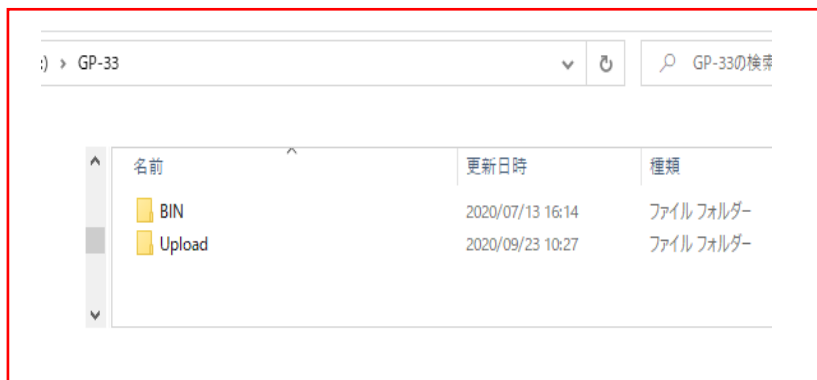
# GP33 Software Update Instructions

## (Not recommended for end-users)

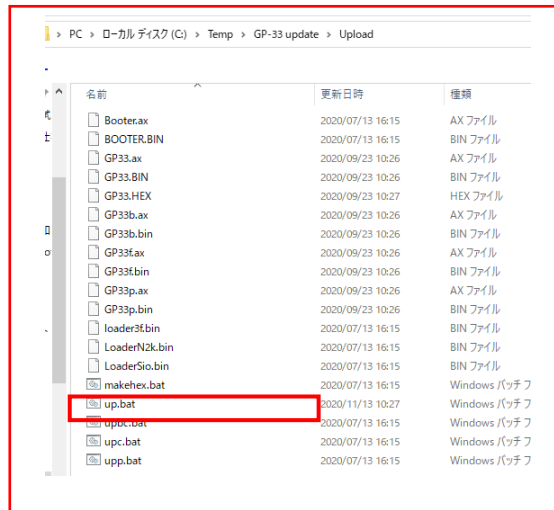
1. For update of the GP33, you must connect it to a PC via RS232.
  - a. Wire an optional 10 Pin NMEA 0183 cable (P/N 001-112-970) as shown.

NMEA 0183		D-sub9
1 : TD-H	----- White	
2 : TD-C/SG	--- Blue -----	5 : GND
3 : SD	----- Yellow ---	2 : RXD
4 : RD	----- Green ---	3 : TXD
5 : MOB-H		4 : DTR
6 : MOB-C		6 : DSR
7 : SPD_ALM-H		7 : RTS
8 : SPD_ALM-C		8 : CTS
9 : NC	10 : FG	

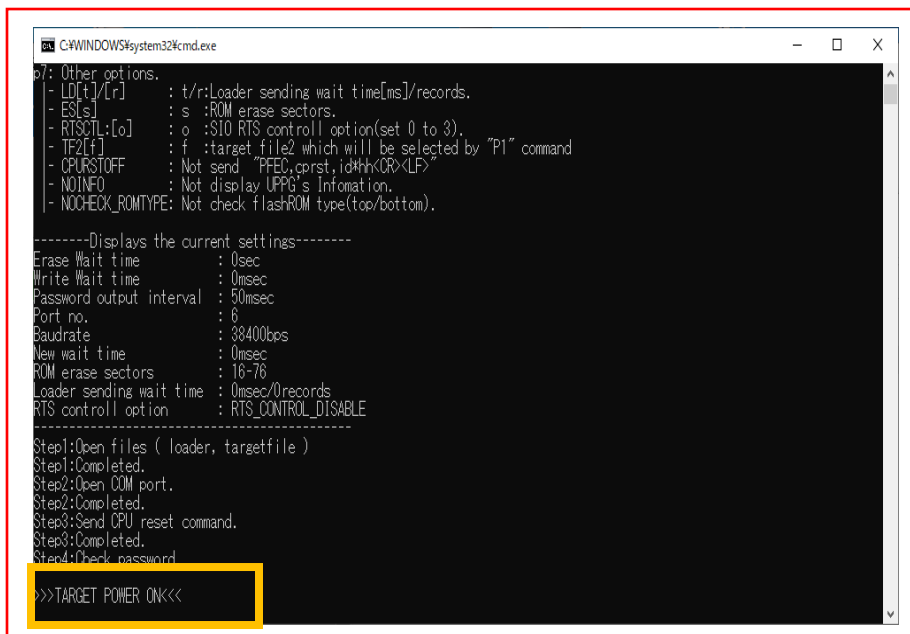
2. Use COM1 port of the PC.
3. Turn OFF the power of the GP33 after verifying the connection above.
4. Disconnect all NMEA 2000 items from the GP33.
5. Download software from [www.FurunoUSA.com](http://www.FurunoUSA.com) website under the software tab of the product
6. Unzip the update software to temporary location on PC and make sure that the "BIN" and "Upload" folders exist under the GP-33 software folder. See below.



7. Open the “Upload” folder and double click “up.bat” file.



8. The following screen is displayed:



9. After seeing the “Target Power On” show on screen; turn ON the GP33.

10. The transfer message appears. It will take about 5-10 minutes to complete the software update.

11. After the update is complete, turn off GP33 automatically and disconnect from the PC.

12. Power up the GP33 and not the software version is updated or run the self-test to verify the version.

