## **IF-NMEA2K2 Update Instructions**

## Update via PC

Refer to page 4 for NN3D Uploader instructions

1. Unzip the program file and copy it to a PC. You can copy these files to a folder or directly on the PC. In this example, the program files are copied on the folder [IF-NMEA2K2].



2. Turn off or remove the NMEA0183 data input to the IF-NMEA2K2. Connect the IF-NMEA2K2 RS232C wires to the PC (RS232C).



- Check the appropriate serial port (COM port) number of the PC. If the COM port is set to [1], proceed to Step 6. If the COM port is set to [2] or larger number, proceed to Step 4 and 5.
- 4. Right click on the "UP.BAT" file and select [Edit (E)].

C:\Documents and Settings\maxs	ea\Desktop\IF-NMEA2K2_v1.04_P(		- 🗆 🗙
File Edit View Favorites Tools	Help		1
💮 Back 🗸 🏐 🖌 🏂 Sea	arch 🍺 Folders 🛛 🎹 -		
Address 🗁 C:\Documents and Settir	ngs\maxsea\Desktop\IF-NMEA2K2_	v1.04_PC	
File and Folder Tasks Other Places @ Desktop @ My Documents @ Shared Documents	IF-NMEA2K2.bin FDT4 Data File 157 KB Ioad.bin FDT4 Data File 7 KB	IF-NMEA2K2_v1.04_P 120 KB UP.BAT MS-DOS Batch File 1 KB Open Edit	C.ZIP
🦉 My Computer 🖤 My Network Places Details		Print Send To → Cut Copy Create Shortcut Delete Rename	
Edit		Properties	11.

5. The following window will appear. In the "UP.BAT" file, the COM port is stated as [1] at default. Change the COM port "1" to your PC's COM port.



🚞 C:\Documents and Settings\ma	sea\Desktop\IF-NMEA2K2_v1	.04_PC		
File Edit View Favorites Tools	Help			
🛞 Back + 🏐 + Ď 🔎 S	earch 🦻 Folders 🛛 🎹 🕶			
Address 📁 C:\Documents and Set	ings\maxsea\Desktop\IF-NME	A2K2_v1.04_PC		
File and Folder Tasks	📕 UP.BAT - Notepad			
	File Edit Format View Help			
Other Places	uppg load.bin IF-NME	A2K2.bin 0 0 200 0	2:38400	4
🕼 Desktop				
My Documents				
🔚 Shared Notepad	We.			X
🚪 MyCol 🔥 The text in	the C:\Documents and Settings\max	sea\Desktop\IF-NMEA2K2_v	1.04_PC\UP.BAT file has cha	nged.
📲 My Ne 🙏 Do you wa	- nt to save the changes?			
				×
Details	Yes	No Cancel		=
				1000
Type: MS-DOS Batch File Date Modified: (	11/07/2014 10:32 AM Size: 48 bytes	48 bytes	🔡 My Computer	

6. After confirming the correct comm. port. Execute the "UP.BAT" file on the PC. The following window will pop up:



7. Turn on the IF-NMEA2K2. After the PC recognizes the IF-NMEA2K2, the update with start as follows:



8. After the update finishes, reboot the IF-NMEA2K2 by removing it from power

End of IF-NMEA2K2 PC update.

Refer to the next section for NN3D update via Uploader software.

## IF-NMEA2K2 Update via Uploader (NavNet3D)

1. Unzip the upgrade file and then copy it on your SD card.



2. Insert the SD card into NavNet3D (upper slot of the SD card reader) , and open the update file [MENU] Key – [Files] – [General] – [Import Update File]

MAVnet		<u>&amp; @ ** @ &amp;</u>
	General	
DataBox DataBox Targets Marm Alarm Classed Files System System System My Navnet	Import Points & Routes Import Tracks Import User Setup Export Points & Routes Export Tracks Export User Setup Delete File From Drive Delete File From SDCard Import File Request Update File Exit Menu	

3. Click on [Yes] to open the Uploader window.

MANnet		<u>® @ ** @ @</u>
	General	
LataBox DataBox Targets Marm Marm Clabed Clabed Clabed System Clabed System Clabed Ny Navnet	Import Points & Routes         Import Tracks         Import User Setup         Ex       A SD Card has been detected on Upper Slot.Do you want to continue?         De         De         Import Update File         Exit Menu	
Station		

MAVnet	& @ ¥* & &
	General
DataBox DataBox Targets Narm Picked Files System Ky Navnet	Import Points & Routes   Import Tracks   Import User Setup   Ex   A SD Card has been detected on Upper Slot.Do you want to continue?   Please Wait   De   Yes   No   Import Update File Exit Menu



4. Select [IF-NMEA2K2] and click on [Start].



## (Update in progress...)





5. Update finished. When you click on [OK], NavNet3D will shutdown automatically.

Update Produ	ct name	Update item	Current prog#	Prog# in SB	Result
YES IF-NME	A2K2	Application	01.03:01.01	01.04:01.01	OK
	Read	v To Shutde	own to Complete	e Undate	
	neau	y to shatat	Swin to complete	c opulle	
			OK		
				Time left :	0 [min]

When you click OK the MFD shuts down. To upload software to another IF-NMEA2K2 converter you will have to restart the MFD and start over from step 2.

END

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