

Quick setup guide for a TLM100. The following document was written assuming that you are familiar with Maretron configuration tools and products. This article is intended for advanced users and NMEA certified Technicians who require a quick reference on general procedures when calibrating Maretron products with Maretron tools. Maretron accepts no responsibility for misconfigured devices on NMEA2000 networks. – Maretron Technical Support

1. Start by running the N2KAnalyzer program on your PC. N2KAnalyzer can be located here: <http://www.maretron.com/products/N2KAnalyzer.php>
2. Connect to your preferred Maretron gateway (IPG100 or USB100).
3. Select the TLM100 on the device list that you wish to configure.

73	Maretron	TLM100	1.0	1500082	Fuel	5	1.1.8.3
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Figure A

4. Select menu item “Configure”, then “Configure Device” Refer to figure A



Figure B.

5. The configuration dialog for the selected device will appear.
6. Within the TLM100 dialog enter details for the application you wish to monitor and display. Refer to figure B

Device Label
(Max. 32 Characters)
Port Fuel Tank (Saddle)

Tank Number : 5

Tank Type : Fuel

Tank Capacity: 1892.7 L

Figure C.

7. Once entries are complete, select “Put Config to Device”
8. Tank Manual table and Step fill is a routine that requires several pre-requisites the known tank shape, height, and Volume vs

estimated total tank capacity. Refer to **N2KAnalyzer User's Manual** section **4.7.24.1.6** for **Manual table**, or **4.7.24.1.7** for **Step fill** configuration. The configuration menu for a Manual table shown in Figure D

Manual Table | Step Fill

Current Tank Capacity

1.	Depth (")	Level (%)	Volume (L)
1	40.0	0.00	0.0
2	30.0	25.00	473.2
3	20.0	50.00	946.3
4	10.0	75.00	1419.5
5	2.0	100.00	1892.7

Measured Depth (") : 18.1

Number of Table Entries: 5

Confirmation Dialog: Table Calibration successfully put to device.

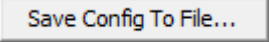
Additional Commands: Load Config From File..., Save Config To File..., Get Config From Device..., Put Config To Device, Close

9. Once entries are complete, select “Put Config to Device”
10. Process complete! Close all TLM100 dialogs and proceed to your next device to configure.

Figure D →

Technician Notes

Entry	Depth(units)	Level (%)	Calc. Vol.	Sensor Reading (inches)
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				

Remember to always backup your work device backups are performed using the “*Save Config to File*” 

Or a boat file Backup can be done on the N2KAnalyzer using the following method: “File→Save As”. Backups vary depending on device quantity. Once complete you will see your file with a “.net” extension



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