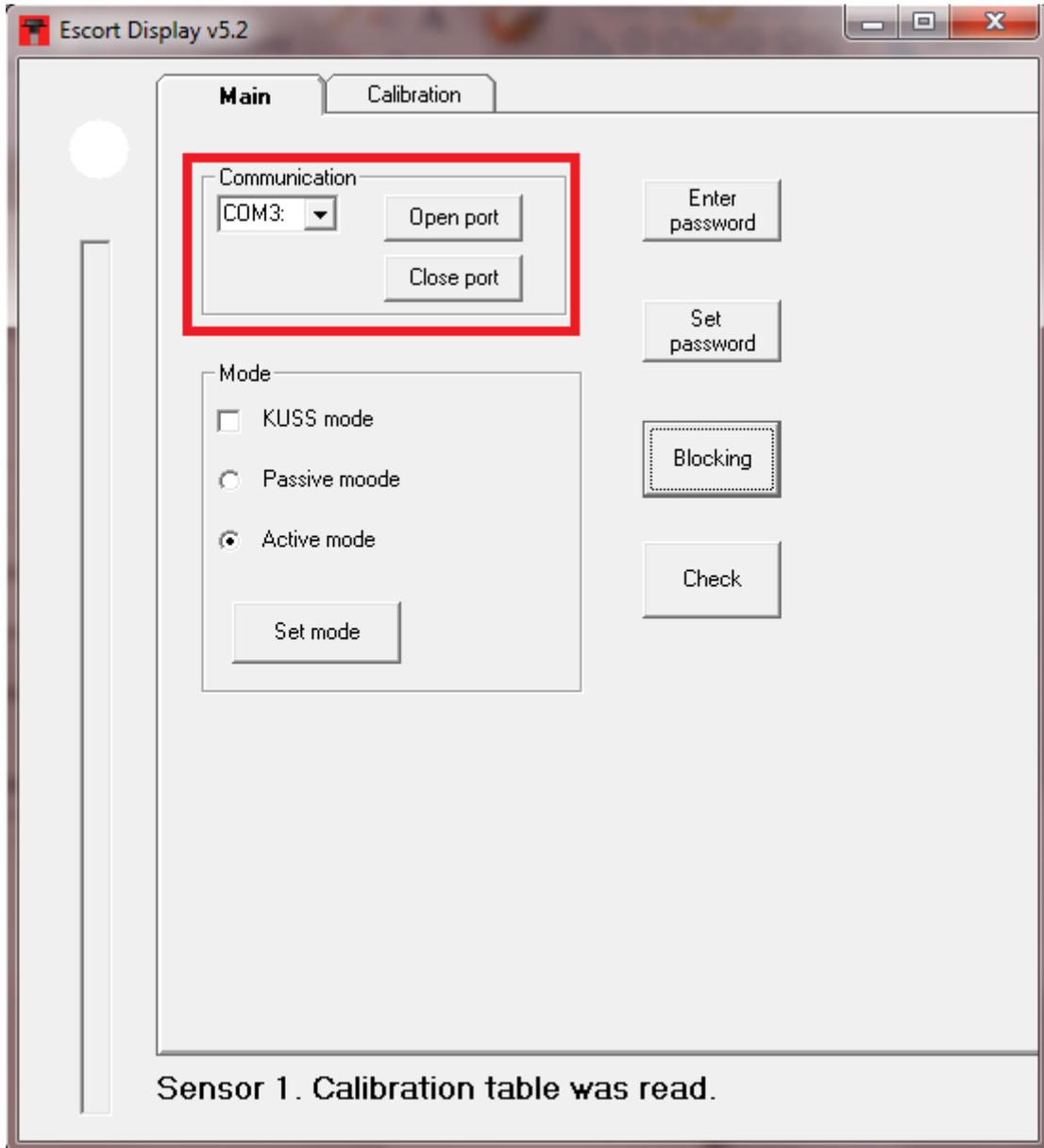


7. In the "Main" tab select the COM port and click the "Open port" button.



8. In "Calibration" section select Sensor 1.

Escort Display v5.2

Main Calibration

Calibration Table

Sensor 1 Net number 1 Disabled

	Sensor readings	Liters		Sensor readings	Liters		Sensor readings	Liters
14	350	700	28	700	1400			
13	325	650	27	675	1350			
12	300	600	26	650	1300	40	1000	2000
11	275	550	25	625	1250	39	975	1950
10	250	500	24	600	1200	38	950	1900
9	225	450	23	575	1150	37	925	1850
8	200	400	22	550	1100	36	900	1800
7	175	350	21	525	1050	35	875	1750
6	150	300	20	500	1000	34	850	1700
5	125	250	19	475	950	33	825	1650
4	100	200	18	450	900	32	800	1600
3	75	150	17	425	850	31	775	1550
2	50	100	16	400	800	30	750	1500
1	0	50	15	375	750	29	725	1450
0	0	0						

Read table

Set table

Sensor

Level 0

Temper. 0

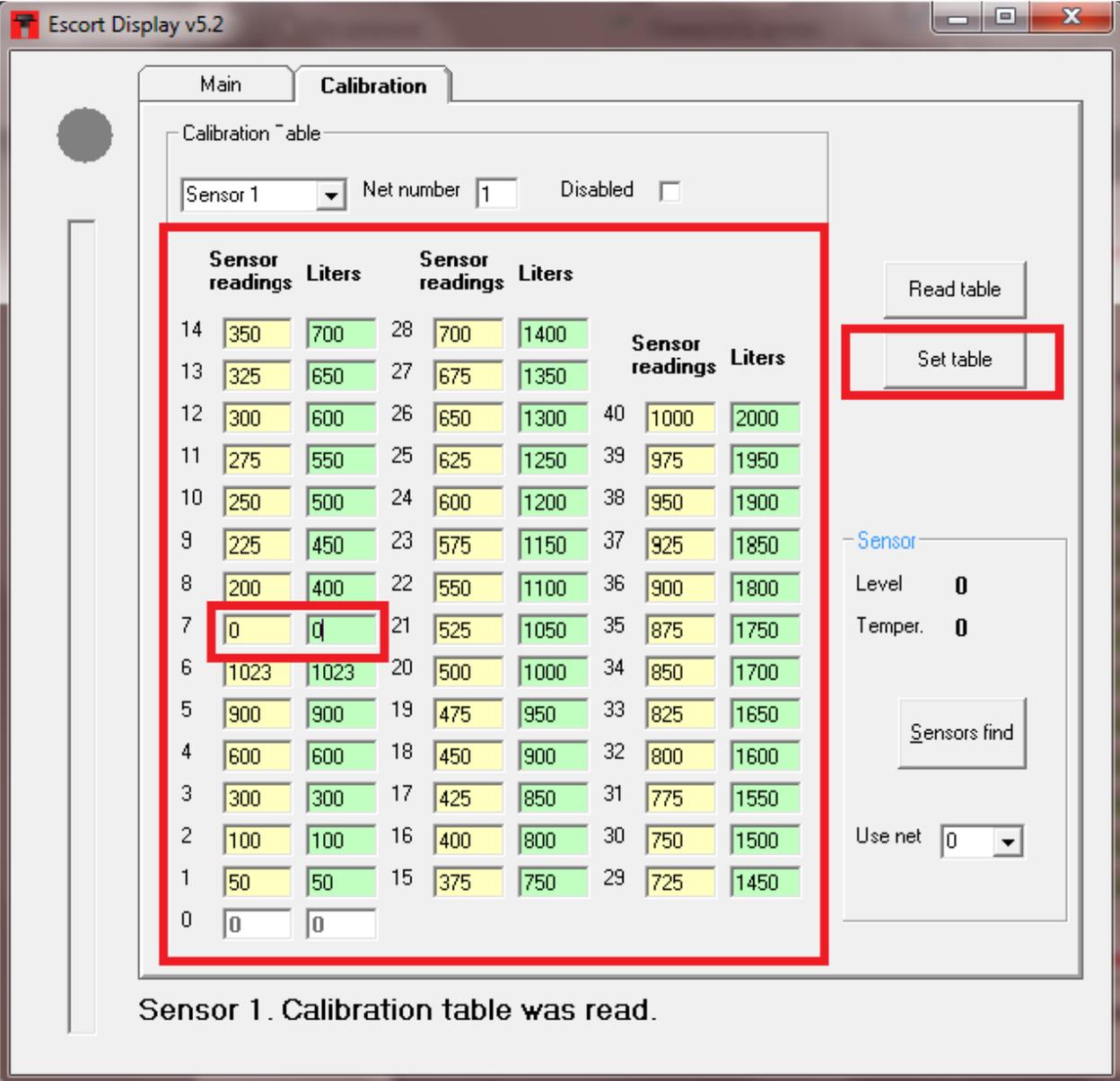
Sensors find

Use net 0

Sensor 1. Calibration table was read.

9. Click the "Read table" button. You will see the factory calibration table. In the "Net number" field set the network number of the sensor connected to the indicator, i.e. if the sensor with the network number 1 is connected to the indicator, enter number 1 in this field. If a check-box "Disabled" is checked, remove the check, otherwise the indicator will not interrogate the first sensor with the network number 1.

10. Fill in the calibration table for "Sensor 1", then click the "Set table" button. If filling all the fields of the table is not required, limit it with zeros.

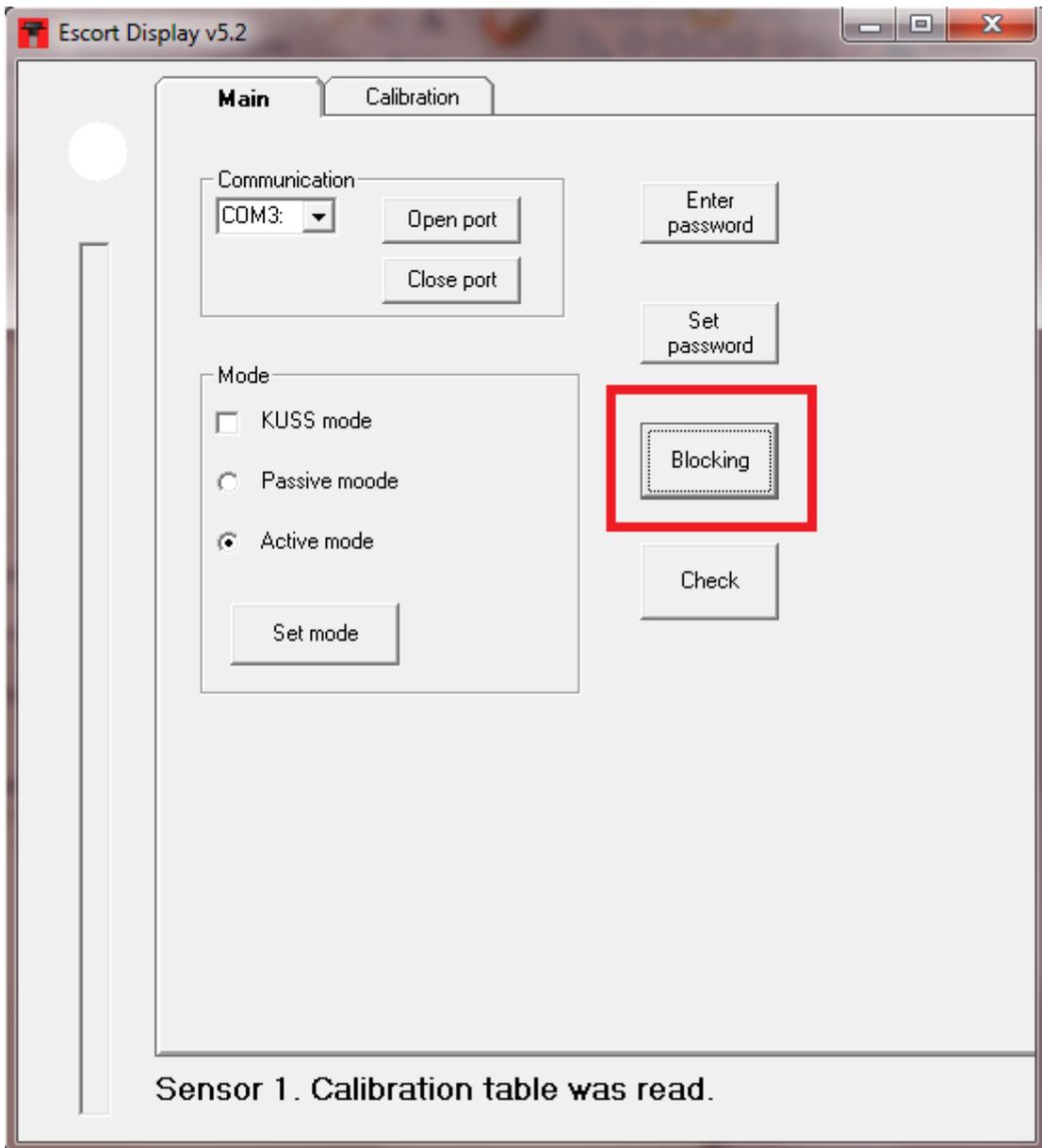


The screenshot shows the "Escort Display v5.2" software interface, specifically the "Calibration" tab. The "Calibration table" section is active, showing a table for "Sensor 1" with "Net number" 1 and "Disabled" unchecked. The table has columns for "Sensor readings" and "Liters". The table is partially filled with values, and the "Set table" button is highlighted with a red box. A status message at the bottom reads "Sensor 1. Calibration table was read."

	Sensor readings	Liters	Sensor readings	Liters	Sensor readings	Liters
14	350	700	28	700	1400	
13	325	650	27	675	1350	
12	300	600	26	650	1300	40
11	275	550	25	625	1250	39
10	250	500	24	600	1200	38
9	225	450	23	575	1150	37
8	200	400	22	550	1100	36
7	0	0	21	525	1050	35
6	1023	1023	20	500	1000	34
5	900	900	19	475	950	33
4	600	600	18	450	900	32
3	300	300	17	425	850	31
2	100	100	16	400	800	30
1	50	50	15	375	750	29
0	0	0				

Sensor 1. Calibration table was read.

11. The "i52.exe" program allows for simultaneously interrogate the fuel gauge "Escort TD" connected to the indicator, i.e. during the tank calibration you can record values in the table without having to switch devices. To do this, first click "Blocking" button, then the "Sensor find" button. The values from the field "Level" will be written in the calibration table.



Escort Display v5.2

Main Calibration

Calibration table

Sensor 1 Net number 1 Disabled

	Sensor readings	Liters		Sensor readings	Liters		Sensor readings	Liters
14	350	700	28	700	1400			
13	325	650	27	675	1350			
12	300	600	26	650	1300	40	1000	2000
11	275	550	25	625	1250	39	975	1950
10	250	500	24	600	1200	38	950	1900
9	225	450	23	575	1150	37	925	1850
8	200	400	22	550	1100	36	900	1800
7	0	0	21	525	1050	35	875	1750
6	1023	1023	20	500	1000	34	850	1700
5	900	900	19	475	950	33	825	1650
4	600	600	18	450	900	32	800	1600
3	300	300	17	425	850	31	775	1550
2	100	100	16	400	800	30	750	1500
1	50	50	15	375	750	29	725	1450
0	0	0						

Read table

Set table

Sensor

Level 0

Temper. 0

Sensors find

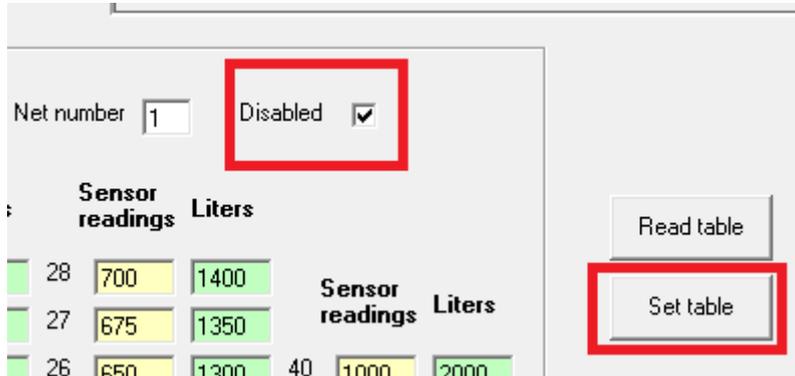
Use net 0

Sensor 1. Calibration table was read.

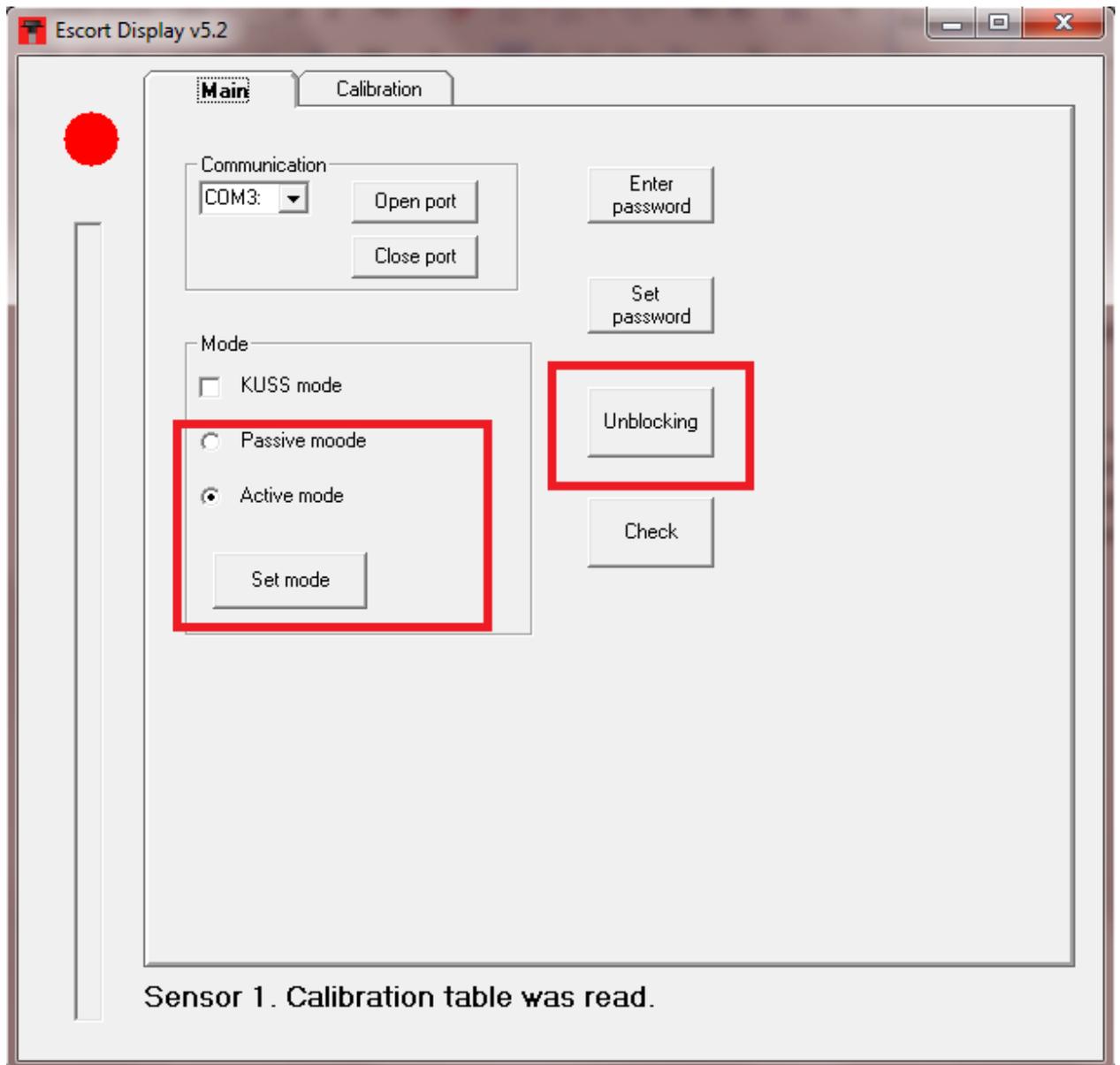
If the indicator is to be used in a system with multiple communicating tanks, fill the calibration table for each sensor separately (by selecting different numbers in the "Sensors" section), for example, "Sensor 2" and then "Sensor 3".

In this case the indicator will display the sum of readings of the connected sensors (up to 4 sensors).

Important: If less than 4 fuel gauges are used in the system, disable interrogation of not used sensors by checking the field "Disable" and clicking the "Set up" button.



12. When setup is completed, choose the method by which the fuel gauges are to be interrogated.



If the fuel sensors are connected to the GPS/GLONASS monitoring block via RS-485 bus, i.e. the sensors should work with the monitoring unit and the digital indicator at once, set the “Passive mode” and click the “Set up” button. If the fuel sensors respond (via RS-485 bus) only to digital indicator while the monitoring unit receives information of the fuel level via the frequency or analogue indicator output, set the “Active mode” mode and click the “Set up” button.