

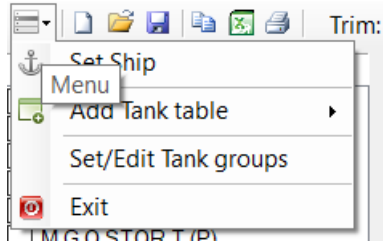
What You need to use "Tank Calculator"

1. Create Folder named 'TankCalculator' in usefull for you place.

- Copy the following files: **TankCalculator.exe**, **Microsoft.Office.Interop.Excel.dll** and **Readme.rtf**
- Create outside shortcut of the file **TankCalculator.exe**
- You are ready to start program

2. First start

- Open Main menu



- Select '**Set Ship**' and fill up form
Select '**Add Tank table**' to add tanks information (Sounding or Ullage table)
You can type tank table manually or import from Excel sheet

Manually create tank table:

- Type the name of tank
- Select 'Sound' or 'Ullage'
- Press Button 'Add' and you are ready to fill up values in table
- Repeat steps for next tank
- When you finish press icon '**Save**' and close the form
The program will create file named '**TankSettings.xml**' with all information

Import from Excel sheet:

Prepare tank table in Excel sheet. The name of sheet must be **the name of tank**.

The format of Excel book must be 'Excel 97-2003 Workbook (.xls)'

Important:

If tank table has ULLAGE and SOUNDING column, set ULLAGE column only as first column

	A	B	C	D	E	F	G	H		
1	ULLAGE	-1	0	1	2	3	4	5		
2	0	836.8	836.8	836.8	836.8	836.8	836.8	836.8		
3	527	836.8	836.8	836.8	836.8	836.8	836.8	836.8		
4	547	836.8	836.8	836.8	836.8	836.8	836.8	836.8		
5	567	836.8	836.8	836.8	836.8	836.8	836.4	835		
6	587	836.8	836.8	836.8	836.5	834.6	832	829.2		
7	607	836.7	835.7	832.5	829.3	826.1	822.9	819.7		
8	627	828.5	825.3	822.1	818.9	815.7	812.5	809.3		
9	647	818.7	814.9	811.7	808.5	805.3	802.1	798.9		
10	667	807.8	804.6	801.4	798.2	795	791.8	788.6		
11	687	798.1	794.9	791.7	788.5	785.3	782.1	778.9		
12	707	787.8	784.5	781.3	778	774.8	771.6	768.3		
13	727	777	773.8	770.5	767.3	764.1	760.8	757.6		
14	747	766.3	763	759.8	756.6	753.3	750.1	746.9		
15	767	755.5	752.3	749.1	745.8	742.6	739.4	736.1		
16	787	744.8	741.6	738.3	735.1	731.9	728.6	725.4		
17	807	734.1	730.8	727.6	724.4	721.1	717.9	714.7		
18	827	723.3	720.1	716.9	713.6	710.4	707.2	704		
19	847	712.6	706.2	706.2	703	699.8	696.6	693.4		
20	867	701.9	698.7	695.5	692.3	689.1	685.9	682.8		
21	887	691.2	688	684.8	681.6	678.5	675.3	672.2		
22	907	680.5	677.3	674.2	671	667.9	664.8	661.6		
23	927	669.6	666.5	663.3	660.2	657.1	654	650.9		
24	947	658.3	655.2	652.1	649	645.9	642.8	639.8		
◀ ▶	1P	1S	2P	2S	3P	3S	SERV	SETL 1	SETL2	FO OVRF

- Choose from main menu '**Add tank table > Form Excel**'
- Press button '**Browse**' to select Excel file
- All tables from file will appear in the list.
- Tick tables wich you want to import. and press button '**Import**'

- e. The program will asking for every table for name of values of trim columns.
- f. If tables not appear corect names of columns (trim value), you can set corect values.
- g. If all tables have the same trims values for second table, you have to choose to put same values.
- h. When finish, close the form and you are ready to use the program.
- i. You can add and edit tanks information.

In Main form will appears list of tanks.

The main form contains **List of tanks**, **Measure table** and **Current tank table**.

Use 'Main menu, Set/Edit Tank Groups' to create Groups of tanks

- Choose desired tanks from the List to to create '**Measure table**'
- Enter value '**Sound**' or '**Ullage**' and **Trim** values and program will calculate corresponding **Volume**.
Remark: Irrespective of the first column of tank table are '**Sound**' or '**Ullage**', The program will calculate correct value.

You can copy Measure table to system clipboard, export to Excel, or Print.

- You can save Measure table in **log file**.



Use icons '**New Sounding Log** ' , '**Open Sounding Log** ' and '**Save in Sounding Log**' to manage log file.