

What is Tank App ?

Input the measured liquid level

Measured Level Calculation Result
(Volume)

12 m 1000.4 m³

Sounding Ullage

Regist

The liquid volume is automatically calculated

The results are logged
The reports are created

TANK NAME	Date	Time	Time Interval	Sounding	Remain
(name)	(yymmdd)	(hhmm)	(min)	(m)	(m3)
No.3	21/03/01	13:00	-	11.0	2483.5
No.1	21/03/01	14:00	-	2.0	186.7
No.4	21/03/01	15:00	-	12.0	1000.4

It means!!

Compared to the conventional process,

Measuring



Converting

SOUNDING DEPTH cm	TRIM BY THE HEAD		TRIM BY THE STERN				
	0.3cm	EVEN KEEL	0.50m	1.00m	1.50m	2.00m	2.50m
880	289.99	289.71	289.44	289.16	288.88	288.60	288.33
882	290.69	290.42	290.14	289.86	289.58	289.31	289.03
884	291.39	291.12	290.84	290.56	290.29	290.01	289.73
886	292.10	291.82	291.54	291.26	290.99	290.71	290.43
888	292.80	292.52	292.24	291.97	291.69	291.41	291.13
890	293.50	293.22	292.94	292.67	292.39	292.11	291.84
892	294.20	293.92	293.65	293.37	293.09	292.81	292.54
894	294.90	294.62	294.35	294.07	293.79	293.52	293.24
896	295.60	295.33	295.05	294.77	294.49	294.22	293.94
898	296.30	296.03	295.75	295.47	295.20	294.92	294.64

Logging



the post-measurement process
is dramatically simplified!

Time saving!

Easy logging!

No mistakes!

Moreover!

Converting

SOUNDING DEPTH cm	TRIM BY THE STERN							
	TRIM BY THE HEAD 0.5cm	EVEN KEEL	0.50m	1.00m	1.50m	2.00m	2.50m	3.00m
000	205.95	205.71	205.44	205.14	204.80	204.40	203.95	203.45
002	206.00	205.42	205.14	204.86	204.58	204.21	203.81	203.35
004	201.20	201.12	200.84	200.56	200.29	200.01	199.73	199.45
006	202.10	201.82	201.54	201.26	200.99	200.71	200.43	200.15
008	202.00	202.22	202.24	201.87	201.69	201.41	201.13	200.86
010	202.20	202.22	202.04	202.07	201.29	201.11	201.04	201.50
012	204.20	203.93	203.65	203.37	203.09	202.81	202.54	202.26
014	204.30	204.42	204.33	204.07	203.79	203.52	203.24	202.96
016	203.60	203.31	203.03	204.77	204.49	204.22	203.94	203.66
018	206.30	206.03	205.75	205.47	205.20	204.93	204.64	204.36



Tank tables, the reference sources for conversions, are automatically read in! No manual input required!

(Specific digital data is required)

Case ① Bunker Tank

TANK SOUNDING (BUNKER TANKS)

Vessel Name <input type="text"/>	Latest Data
Tank Name <input type="text"/>	Total Tank Volume (M3) <input type="text"/>
<input checked="" type="radio"/> Sounding <input type="radio"/> Ullage <input type="text"/> (M)	Total Weight (t) <input type="text"/>
TRIM <input type="text"/>	No.1 FOT <input type="text"/>
DENSITY @15°C <input type="text"/>	No.2 FOT <input type="text"/>
TEMP. <input type="text"/> (°C)	No.3 FOT <input type="text"/>
	No.4 FOT <input type="text"/>
	No.5 FOT <input type="text"/>
	No.6 FOT <input type="text"/>

Input each parameter.

The total volume of refueled oil is also calculated,

not only the volume in each tank.

The calculation result is displayed.

Case ② Ballast Tank

TANK SOUNDING (BALLAST TANKS)

Vessel Name <input type="text"/>	Latest Data
Tank Name <input type="text"/>	Total Latest Tank Volume (M3) The total volume of the former measurement
<input checked="" type="radio"/> Sounding <input type="radio"/> Ullage	Remaining Qtv. of All Tanks (M3) The total volume of the new measurement
<input type="text"/> (M)	Discharge Rate (M3/H) The pump performance can be recorded by manually inputting the hourly discharge volume based on these two measurements.
FWD <input type="text"/> (M)	FPT
AFT <input type="text"/> (M)	No.1 WBT (P)
HEEL (Port as [-]) <input type="text"/> (DEG.)	No.1 WBT (S)
	No.2 WBT (P)

Input each parameter.

The calculation result is displayed.

This can help you schedule cargo handling!

Tank App



Honesty



**Realization of safety and reliability
for crew members!!**

SEMCO

Streamlining
Operations

Facility Improvement
and Systemization

Data Storage
and Analysis

Problem
Detection

**We deliver the solutions
that only the professional
in liquid volume control can provide
with our Tank App at the core!**