

TankMate

Integrated Level Gauging and Cargo Control

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TankMate is a modern integrated system providing tank level gauging, cargo control functionality and stress and stability software.

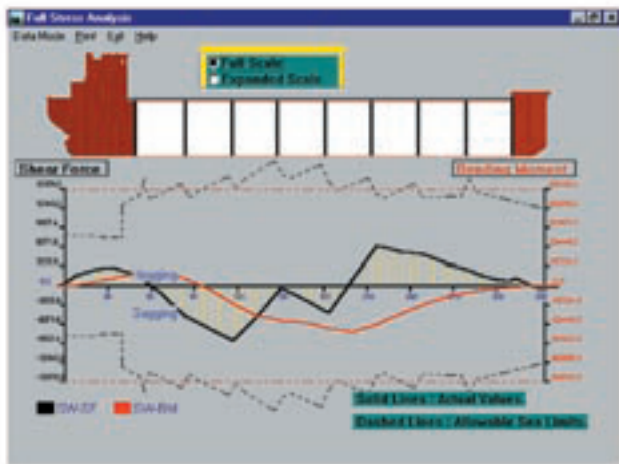


System Highlights

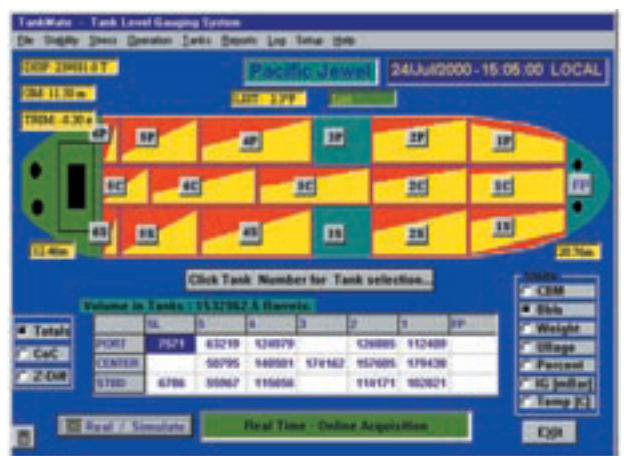
- Continuous reading of Real-Time values from all level gauging radars, ballast sensors, cargo temperature sensors, IG pressure sensors, draught sensors and inclinometers.
- Cargo Control: Advanced remote control of valves and pumps from the screen, designed to simplify and increase safety during cargo operations on tankers.
- On-line calculated parameters include corrected volumes, weights, shear forces, bending moments, heel, trim, draught and stability criteria.
- Simulation of loading conditions for planning purposes.
- Trends in time of levels, temperatures and IG Pressure are shown graphically on demand.
- Continuous logging of information into history file enables easy scanning and analysis of post operations.
- Audible and visual alarms, metering calculations and printouts are all standard features.
- Inert Gas volume calculations.

Tank Level Radars

- Axitrol TA-840 radar: compact design leads to reduced overall dimensions, has perfect sealing, high precision measurements and is the only radar in the world with a flat intrinsic security antenna.
- Independence of measurement from atmosphere and foam inside the tank
- Very high accuracy and reliability under harsh working conditions. Virtually no maintenance.



Real Time Stresses



Main Screen



Axitrol TA- 840 Radar

Totem Plus Ltd.
Where shipping Meets High-Tech