

DESCRIPTION OF SMM DRAFT SURVEY ONLINE

BRIEF DESCRIPTION

This sophisticated software is the essential add-on to appropriate hardware (system of Tanks/C.H. sensors), that contributes to achieving robust and real time monitoring onboard vessel of loading/unloading operations based on distance sensors' measurements and wireless data transmission online to a Central Unit for further processing.

Features & Benefits of Draft Survey Online for vessel and office application:

- In that way, online and real time cargo loading/unloading quantity is being assessed along with the displacement, mean draft, trim, list, Deflection, Air Draft from Radar Mast, Air Draft from Hatches, propeller immersion.
- Particularly, concerning cargo operation monitoring, based on the desired cargo determination, current and rest cargo quantities are defined with indication of elapsed time, expected completion of charging/discharging operation and cargo rates for last 10/20/60 min.
- Also, the software allows the user to set restrictions in terms of Load Zone and Port Draft and Air Draft from Hatches and Radar Mast Restrictions as warnings for the whole monitoring of operation.
- Furthermore, our software allows the user to set restrictions in terms of Load Zone and Port Draft and Air Draft from Hatches and Radar Mast Restrictions as warnings for the whole monitoring of operation.
- Moreover, the software involves visual representation tools, ie. graphs as Function (Drafts, Trim, List, Deflection, Air Draft From hatches and radar mast, Propeller Immersion, DWT, Cargo, Cargo Rates and Known Weights vs Time during operation)
- Additionally, software can save and recall a certain monitored operation.
- All the calculations are based on the actual shipyards data, which is ship specific.

FREQUENTLY ASKED QUESTIONS

1. How the crew familiarization is achieved?
 - a. Manual is incorporated in each Program with detailed & extensive Instructions
 - b. Distant Training
 - c. Direct Replies to Email of Masters / Chief Officers / Chief Engineers with Cc to your good Company
 - d. User Friendliness of Software Interface with a brief description of required actions
2. How we can we handle tiresome ISM / SMS Amendments for alignment with this SMM Product?
 - a. SMM Software is tailored to your company's policy/S.M.S. meaning minor ISM/SMS alterations.
 - b. Just a quick reference to the SMM Software in place and their Manual Contents in ISM is, often, common and effective practice for the majority Shipping Companies.
3. Relative requirements of Programs (hardware, software, data exchange if any)
 - a. Light, server-based application running exclusively on Windows operating system environments
 - b. SMM Software can be operated by multiple users (clients) on a network
 - c. Sync Mechanism requires email access or *data import path* for the whole fleet or a desired path for each vessel.
 - d. Possible export in desired editable format, upon discussion and analysis.

SCREENSHOTS

Please see below **Screenshots**:

The screenshot displays the SMM software interface for vessel 'Yagay - Mercedes'. It includes a menu bar at the top, a header section with 'Code: Yagay', 'Location: Yagay - Mercedes', and 'Date:'. Below this is a table with columns for 'Draft Marks (M)' and 'Weights (MT)'. The table contains multiple rows of data for different dates and times, showing various measurements and weights. At the bottom, there are summary sections for 'Weights', 'Drafts', 'Cargo', and 'Warnings', each with specific numerical values and status indicators.

NO.	DATE	TIME	PORT	STARBOARD	MEAN DRAFT	TRIM	LIST	DEFLECTION	AIR DRAFT	PROPULSION
Initial	8-7-2013	19:49:00	11.97	13.89	7.93	12.99	6.61	9.53	39,269.5	30,622.5
1	8-7-2013	19:49:00	11.97	13.89	7.93	12.99	6.61	9.53	39,269.5	30,622.5
2	8/7/2013	19:50:59	11.92	13.74	7.86	12.94	6.57	9.48	39,000.3	30,622.5
3	8/7/2013	19:51:59	11.90	13.71	7.86	12.91	6.56	9.46	38,999.7	30,622.5
4	8/7/2013	19:53:00	11.88	13.68	7.83	12.88	6.53	9.42	38,899.7	30,622.5
5	8/7/2013	19:54:00	11.86	13.66	7.81	12.86	6.51	9.40	38,799.7	30,622.5
6	8/7/2013	19:55:00	11.83	13.62	7.79	12.84	6.48	9.37	38,699.4	30,622.5

WE CAN SAIL TOGETHER.....

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