

## CARGO SPLIT & AUTO-TRIM SOFTWARE

### **BRIEF DESCRIPTION**

During the last stages of loading, this module can split for you a given quantity of cargo between two cargo compartments, in order to attain a desirable trim.

#### **Features & Benefits of this Module for vessel and office application:**

- Sophisticated and care-free tool for instantaneous calculation of optimum cargo distribution for achieving the most efficient trim.
- Given a quantity of cargo that is yet to be loaded, with this module can calculate how you should split the given quantity between two compartments in order to attain a given Trim.
- Upgrade of the already approved loading program, without the need for Class Approval.
- Clarity & transparency based on official shipyard's documentation endorsed by SMM (UK) Ltd. as 3rd party.
- Automatic synchronization of data between vessels and office (fleet-based).
- Office fleet-based version.

### **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**:

Cargo Split and Auto Trim

Select two compartments from the list below:

- NO1 C.HOLD
- NO2 C.HOLD
- NO3 C.HOLD
- NO4 C.HOLD
- NO5 C.HOLD
- NO6 C.HOLD
- NO1 ON HATCH
- NO2 ON HATCH
- NO3 ON HATCH
- NO4 ON HATCH
- NO5 ON HATCH
- NO6 ON HATCH

Cargo Quantity to be Loaded (MT)

Required Trim (+ve by Stern, -ve by Head)

Sea Water Density (MT/m3)  (0.9 < p < 1.1)

### DRAFT READINGS

	Aft	Amid	Fwd
Readings at Draft Marks (m) Port	<input type="text" value="12.5"/>	<input type="text" value="12.25"/>	<input type="text" value="12"/>
Stbd	<input type="text" value="12.5"/>	<input type="text" value="12.25"/>	<input type="text" value="12"/>
Corrected Drafts at P.P. (m)	<input type="text" value="12.529"/>	<input type="text" value="12.2476"/>	<input type="text" value="11.9970"/>

**WE CAN SAIL TOGETHER.....**

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