



SERVICE INFORMATION BULLETIN

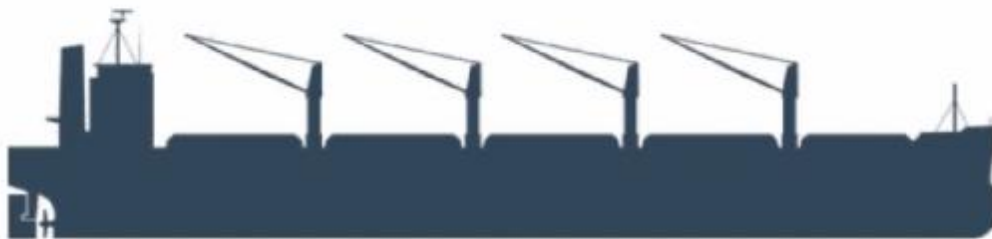
S.A. Malliaroudakis Maritime (UK) Ltd. is a U.K. based Marine Software Company with clients almost all the Greek shipping companies and many others from the rest E.U., Asia and U.S.A.

Our objective is to develop initiatives that focus on facilitating everyday ship management and operation materializing into user friendly, innovative and reliable software-products that assist our customers in their day-to-day work.

Potentially, some of your crew members may be well aware of our software products that were trusted by almost 3,350 vessels, an achievement, which proves the quality of our work over time.

SMM Key Figures

We sail together with...



Companies

1,350



Ships

3,350



Ships DWTx1,000

150,000



Projects

13,150

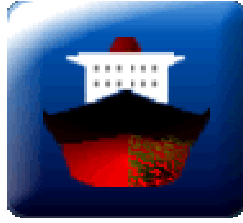


Fields of Expertise

- Development of **Software-Products** including:

Associated Department & Vessel's Type Applicability	Icon	Brief Description of the Main products
Operations Dpt. Tankers & B/Cs		Multiload for Windows software: Enables shipowners to maximize their vessel's operational and chartering flexibility.
Operations Dpt. B/Cs		Steel Coils Loading software: Provides the Maximum Number of Tiers (1, 1.5, 2, 2.5, 3, etc.) of Coils that can be loaded with 2, 3, or 4 Numbers of Dunnage respectively.
Technical & SQE Dpt. Tankers & B/Cs		Oil Record Book Trainer software: A stand-alone module enabling easy recordkeeping of all entries to be recorded in the vessel's Oil Record Book (ORB), formal printout simulation, ensuring that all entries are fully harmonized prior to final entry in the official ORB.
Operations Dpt. Tankers & B/Cs		Ship Squat + Tide Calculations software: Predicts the maximum ship's squat for a given situation, saving the cost of a very large repair bill and enabling even extra earning capacity.
Operations & SQE Dpt. Tankers & B/Cs		SMM Emergency Response Service: Covers the Shipowning Company and its vessels in crisis.

Operations & Technical Dpt.
Tankers & B/Cs



Clean Hull Savings Calculator:
Calculation of the impact of the increased hull roughness.

Technical Dpt.
Tankers & B/Cs



SMM Ship Performance (SMM-SP) software: Sets ship performance standards based on technical criteria derived from sea trials and model tests with minimum data collection.

Operations Dpt.
Tankers & B/Cs



Deflection and DWT gain/loss: Girder Deflection due to longitudinal Bending Moment and incorporates the thermal deflection at midships due to air-sea water temperature difference.

Technical Dpt.
Tankers & B/Cs



Bunker Survey software: Tracks and records Bunker quantity measurements for every voyage. On receiving a Barge Bunker delivery receipt, the user can re-calculate the quantities received.

Crew Dpt.
Tankers & B/Cs



SMM Crew Hour Rest software: An integrated module to maintain individual seafarers' work-hours records, complying with the global format adopted jointly by the ILO and the IMO.

Operations Dpt.
B/Cs



Multiload Advanced Cargo Securing (MACS): Calculating the wind & sea forces, external forces, transverse sliding & tipping, longitudinal sliding and lashing details.

Operations Dpt.
B/Cs



Draft Survey Online achieves robust and real time monitoring onboard vessel of loading/unloading operations based on the online indications of its existing draft measuring system.

- **Studies about Ballast Water Treatment System Retrofitting and SOx Scrubber Retrofitting**
- **Mooring/Towing Modifications** as per new PCA Requirements
- **Studies and Services** related to **International Regulation Requirements**.
 - o For instance Stability, Longitudinal Strength, SOPEP, ISM Code Consultancy, Cargo Securing Manuals and other Naval Architectural and Marine Engineering projects.

Unique Features not found in Competition Worldwide

- Multiload Option “Cargo Loading Sequence with Report” that takes into account loading and ballasting rates including “free mode” method.
- Multiload Option “Departure - Arrival Calculation”
- Ship’s Squat feature for deriving Static Condition from Dynamic Drafts
- Integration of Harmonic Data (Digital Tide Tables) from Admiralty Digital Publications SDK by United Kingdom Hydrographic Office
- Ship’s Girder Deflection due to Sea water/Air temperature
- Provision of Stowage Arrangement and Actual Coil Loading as % of Allowable for 2,3,4,5-6 dunnage
- Draft Survey Online Software
- Statistics figures in Oil Record Book Trainer Software
- All software have been developed in-house and can be customized subject to Company’s Policy and to different system requirements and hardware.

In case of active interest for any of the abovementioned product and study, our sales department would be more than pleased to provide a quotation for specific scope of work.

Please feel free to contact us for a consultation and hands-on demonstration of SMM’ software and services. Our technical support staff will be available to assist in the software operation and details.

WE CAN SAIL TOGETHER.....

S.A.Malliaroudakis Maritime (UK) Ltd.

1, Portulacea Gardens • 15 High Snoad Wood, Challock • Ashford, Kent • TN25 4DS • U.K.

Tel: +44 (0) 1233 742673

Web: www.smmnet.co.uk • email: sales@smmnet.co.uk

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