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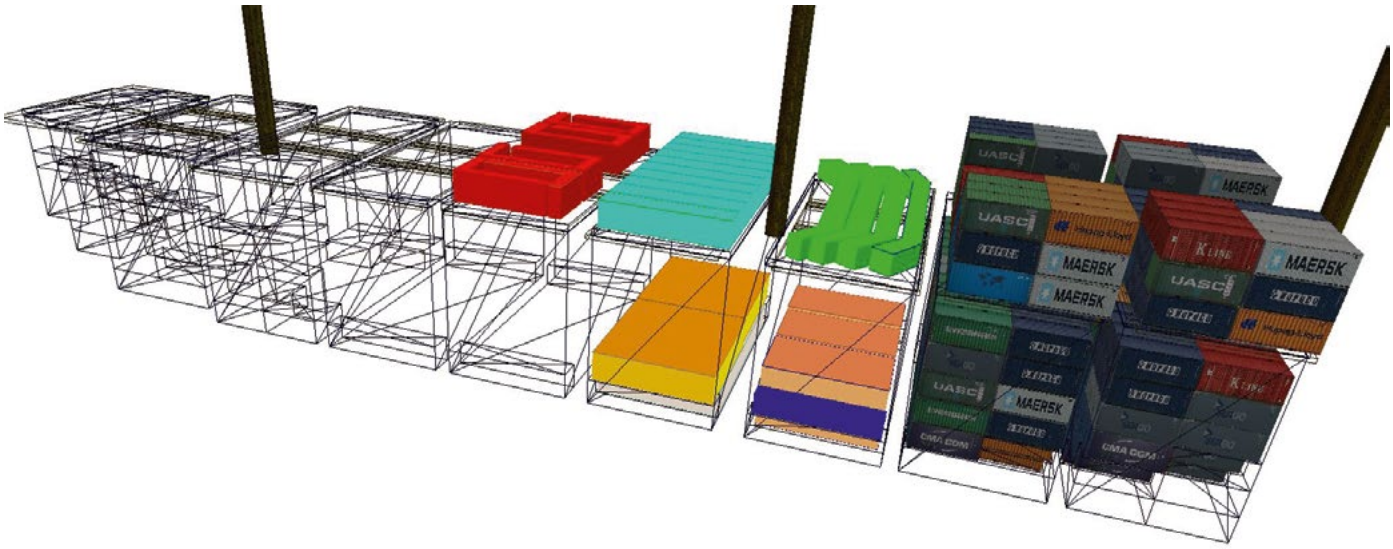
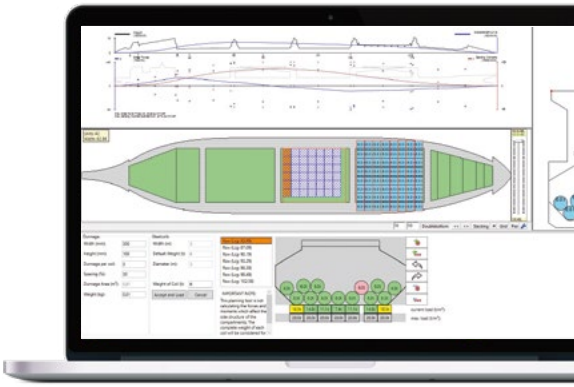
CARRIER AND VESSEL SOLUTIONS





MACS3 MIXSTOW AND STEEL COIL MODULES

For efficient stowage of general cargo and steel coils

As the optimum utilization of the space under and on deck is one of the key success factors of a good stowage the new MACS3 modules MixStow and its add-on extension Steel Coil take it into account for particular general cargo and coils onboard vessels.

MixStow Module | The MixStow module enables an efficient stowage of non-containerized as well as containerized cargo. Thanks to a newly enhanced data structure, the module ensures an improved visibility of planning options of the onboard load.

The refined data structure depicts the ship with groups of intersecting levels. These sections constitute the cargo hold and decks, which improves visualization for the planner and presents a realistic use of stowage positions on board.

Steel Coil Module | Based on the MixStow module the dedicated steel coil planning tool manages position and weight of steel coils while considering subsequent movements of coils including gaps. The „Export to Microsoft Excel“ function allows the planner to further process the stowage plan in Excel per deck. The steel coil module also includes a dunnage creator to plan the corresponding amount and size of dunnage pieces per coil.

The MixStow and Steel Coil modules are applicable for multipurpose vessels, bulk carriers, car carriers, roro vessels and all vessels carrying break bulk at sea.

BENEFITS AT A GLANCE

- ✓ Both modules facilitate the best possible utilization of the vessel by an optimized stowage of general cargo
- ✓ Two and three-dimensional visualization for containerized and non-containerized cargo
- ✓ Improved representation of the space under and on deck
- ✓ Improved visualization for the planner
- ✓ Special steel coil tool including dunnage
- ✓ Calculator allows efficient stowage in holds with sloped bulkheads
- ✓ Export of stowage plan to Excel for further planning processing of stowage plans

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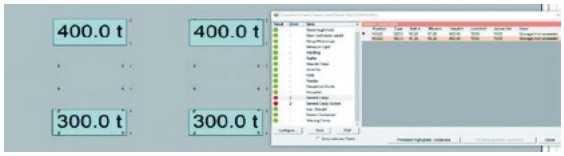
FEATURES MIXSTOW

3D MODEL FOR LOADABLE AND NON-LOADABLE AREAS

The 3D model of the deck structure creates a more realistic vessel profile for each deck. All types of deck structures can be realized, giving the user a better overview of the loadable and non-loadable areas of each deck.

Benefit: Improved representation of the space under and on deck

AREA LOAD LIMIT AND SOCKET LOAD LIMIT CHECK



The module helps planners to decide whether the cargo is stowed on top of the container sockets or directly on the deck. In both cases, different load limits have to be checked.

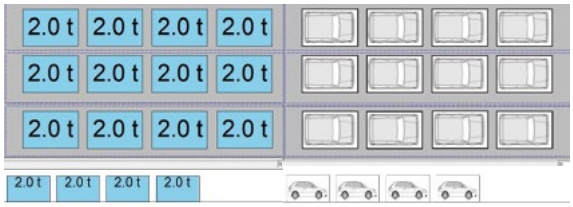
Benefit: Additional limit check for general cargo

DUNNAGE CREATOR

After loading a cargo unit, the dunnage creator allows planners to create a full range of related dunnage dividing the load into dunnage parts.

Benefit: Customized dunnage calculation

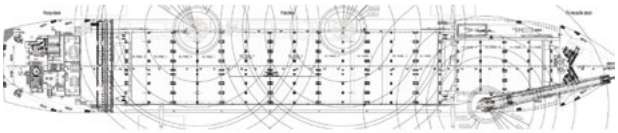
ATTACH IMAGE/DXF FILE TOCARGO OR CARGO TYPE



An image may be attached for both cargo types and single cargo units. Instead of displaying such values as weight, description and the like, the selected image is displayed.

Benefit: Better visualization of the cargo

ATTACH IMAGE FILES AS GENERAL ARRANGEMENT PLAN

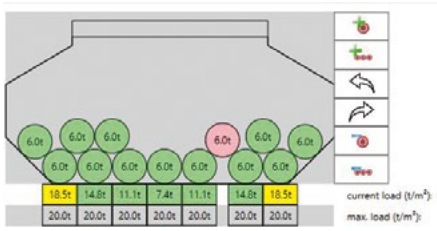


A separate deck plan may be used for each deck. The individual details of the GA plan are now visible during planning.

Benefit: Enables more detailed planning

FEATURES STEEL COIL

The graphical user interface for stowage planning of steel coils provides better overview for the planner. The integrated dunnage planner calculates the corresponding amount and size of dunnage pieces per coil.



The Steel coil module reflects the feasibility of subsequent movement of steel coils including the movement of gaps while ensuring efficient stowage in holds with sloped bulkheads.

If you have any enquiries or would like to set up an appointment with one of our sales representatives, please phone or e-mail us:

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