

TGI Maritime Software launches «Hazardous» and «Yard Management» modules

TGI Maritime Software launches two complementary modules allowing yard optimization and hazardous containers management in a secure way.



Prohibitions

The "Hazardous Management" module has been developed to manage and set entry, allotment, berth and stacking prohibitions. It also manages maximum plane heights constraints and storage restrictions.

Segregation constraints

Users can also visualize and configure segregation distances between hazardous containers, configurable from two sets, IMCO Class and Equipment Family.

Segregation of hazardous containers

Max level / Open on top Interdictions / Storage **Segregation distances** Stacking interdictions Secured zones

Available yards

Select yards on which segregation distance and stacking interdiction will be applied.

- JD**
- P1**
- SS**

Segregation distances legend

- S1** 3m
- S2** 6m
- S3** 9m
- S4** 12m
- S5** 24m

Add a segregation distance

IMCO classes	Equipment families	1.1	1.2	1.3	1.4	1.5	1.6	2.1	2.2	2.3	3	4.1	4.2	4.3	5.1	5.2	6.1	6.2	7	8	9
1.1	All	S1	S2	S2		S2	S5		S2	S5	S5	S5	S5	S5	S5	S2	S5	S2	S5		
1.2	All		S2	S2		S2	S5	S2	S2		S5	S5	S5	S5	S5	S2	S5	S2	S5	S1	
1.3	All	S2	S2		S2	S2		S5	S2	S2		S4	S4	S5	S5	S5	S2	S5	S2	S2	
1.4	All	S2	S2	S2		S2	S2	S2	S1	S1		S2	S2	S5	S2	S2		S5	S2	S2	
1.5	All		S2	S2		S2	S5	S2	S2		S5	S5	S5	S5	S5	S2	S5	S2	S5		
1.6	All	S2	S2		S2	S2		S5	S2	S2		S4	S4	S5	S5	S5	S2	S5	S2	S2	
2.1	All	S5	S5	S5	S2	S5	S5	S2		S5		S1			S2	S2	S5	S5	S2	S1	
2.2	All		S2	S2	S1	S2	S2						S1			S1		S2	S1		
2.3	All	S2	S2	S2	S1	S2	S2	S5					S2			S2		S2	S1		
3	All																	S5			
4.1	All	S5	S5	S4	S2	S5	S4	S1				S1		S1	S2		S4	S2	S1		
4.2	All	S5	S5	S4	S2	S5	S4		S1	S2		S1		S1	S2	S2	S1	S4	S2	S1	
4.3	All	S5	S5	S5	S5	S5	S5					S1		S2	S2		S2	S2	S1		
5.1	All	S5	S5	S5	S2	S5	S5	S2				S1	S2	S2		S2	S1	S4	S1	S2	
5.2	All	S5	S5	S5	S2	S5	S5	S2	S1	S2		S2	S2	S2	S2		S1	S4	S2	S2	
6.1	All	S2	S2	S2		S2	S2	S5				S1		S1	S1		S1				
6.2	All	S5	S5	S5	S5	S5	S5	S5	S2	S2	S5	S4	S4	S2	S4	S4	S1		S4	S4	

Two complementary modules

Segregation distances calculations require to visualize containers in a yard at scale and in real time. That's why the "yard" completes the "Hazardous Management" module.



Scaled visualization and real-time control

Users access a top-down view of the yard, and graphic views of the stacks/bays/spans

containing containers information. The yard map allows containers location, complete history of container movements, missions' information displaying, stacks and spans details and devices assignments access.

Targeted searches and Excel extractions

Users can precisely search a container or a list of containers, one or more missions using a multi-criteria form. Data extraction can be done via Excel or graphically. Users also access the occupation rate of each yard zone.

Real-time actions on missions

The Yard module allows current and on hold missions visualization via a complete dashboard. With this table, users can modify destination allotments, delete or reassign a mission from one equipment to another. It is also possible to change missions priority, block or unlock them, or change their status.