



## Vessel particulars

Ship's name

LOA (m)

IMO Number

LBP (m)

DWT

Beam (m)

## Torres Strait Transit

Is the vessel restricted to Torres Strait draft of 12.20m? Yes ☐ No ☐

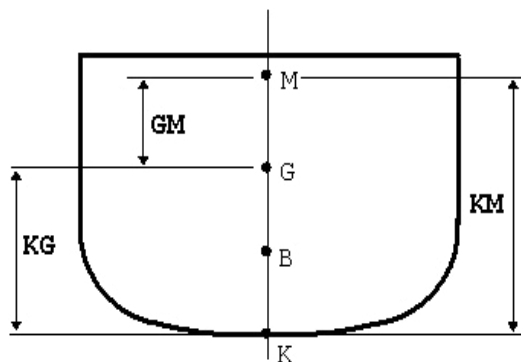
## Loading condition

Expected Departure Draft -50cm		Expected Departure Draft		Expected Departure Draft +50cm	
Displacement		Displacement		Displacement	
Draft		Draft		Draft	
GM(f)		GM(f)		GM(f)	
GM(s)		GM(s)		GM(s)	
KG		KG		KG	
KM		KM		KM	

KG+GM(S)-KM=



## Explanatory notes for information required on pre-arrival form



**KG:** Is the distance from the keel to the centre of gravity (in metres). To be provided for the vessel's expected departure condition.

**KM:** Is the distance from the keel to the metacentre (in metres). With the metacentre of a ship being defined as the line of intersection of the upward buoyant force when a ship is at rest, and when a ship is displaced.  $KM = KG + GM/GMs$ . To be provided for the vessel's expected departure condition.

**GMs:** Is the distance (static) between the centre of gravity and the metacentre, known as the metacentric height. To be provided for the vessel's expected departure condition.

**GMf:** Is again the distance from the centre of gravity to the metacentre but differs from the GM/GMs as it accounts for free surface correction effects. These effects apply to any space that is partially filled with fluid. GMf is less than GM.