

# 16.1 DUKC vessel particulars request

[Link to fillable PDF](#)



Queensland Government

## DUKC Particulars Request

### Vessel particulars

Ship's name	LOA (m)
<input type="text"/>	<input type="text"/>
IMO Number	LBP (m)
<input type="text"/>	<input type="text"/>
DWT	Beam (m)
<input type="text"/>	<input type="text"/>

### Torres Strait Transit

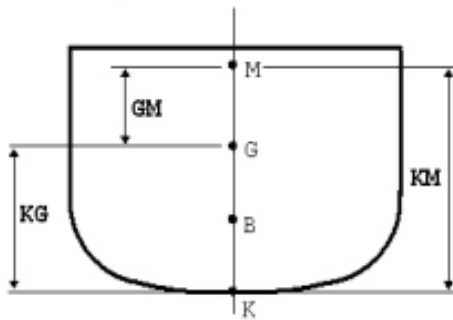
Is the vessel restricted to Torres Strait draft of 12.20m? Yes  No

### Loading condition

Expected Departure Draft -50cm		Expected Departure Draft		Expected Departure Draft +50cm	
Displacement	<input type="text"/>	Displacement	<input type="text"/>	Displacement	<input type="text"/>
Draft	<input type="text"/>	Draft	<input type="text"/>	Draft	<input type="text"/>
GM(f)	<input type="text"/>	GM(f)	<input type="text"/>	GM(f)	<input type="text"/>
GM(s)	<input type="text"/>	GM(s)	<input type="text"/>	GM(s)	<input type="text"/>
KG	<input type="text"/>	KG	<input type="text"/>	KG	<input type="text"/>
KM	<input type="text"/>	KM	<input type="text"/>	KM	<input type="text"/>

KG+GM(S)-KM=	<input type="text"/>	<input type="text"/>	<input type="text"/>
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### 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.