

Tugboat for passenger vessel

1st April, 2009

Kashima Pilotage District

GRT of vessel	Tugboat		Remarks
	Power (HP)	Number	
less than 5,000	2,200~2,400	1	*1 tugboat is enough for a vessel with thruster.
5,000~14,999	2,200~2,400	*2	
15,000~29,999	2,200~2,400	1	
	2,600~3,400	1	
30,000~69,999	2,600~3,400	2	
70,000~109,999	2,200~2,400	1	
	2,600~3,400	3	
110,000 or more	2,600~3,400	4	

Note : The number of tugboats can be changed according to the power of the vessel's thruster, weather conditions and others.