

Tugboat for passenger vessel

1st April, 2009

Muroran Pilotage District

GRT of vessel	Tugboat		Remarks
	Power (HP)	Number	
Entering vessel			
less than 5,000	2,400	1	
5,000~14,999	2,400	2	
15,000~29,999	3,200	1	
	2,400	1	
30,000~49,999	3,200	2	
50,000~69,999	3,200	3	
70,000 or more	3,200	3	
	2,400	1	
Leaving vessel			
less than 5,000	2,400	1	
5,000~14,999	2,400	2	
15,000~29,999	3,200	1	
	2,400	1	
30,000~49,999	3,200	2	
50,000~69,999	3,200	2	
	2,400	1	
70,000 or more	3,200	3	
	2,400	1	

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