

Osaka Wan Pilotage District

Criteria for the use of Tugboats for Ships

Applicable as of Nov 1st 2007

Ship (G/T)	Tugboat type(&quantity)	Remark
Up to 5,000tons	Large (1)	Use two large type tugboats for mooring ships to private piers and multi-deck vessels using the Japanese gross tonnage system
5,000 ~ 7,000	Large (2)	
7,000 ~10,000	Large (2)	
10,000~40,000	Large (2)	
Over 40,000	Type III (2) or Large (3)	

NOTE

The type and quantity of tugboats may vary depending on tugboat availability, weather, conditions, maneuverability, type of ship and berth situation, etc.

(Re: Kobe Municipal Ordinance for Port Facilities)

Article 23

Those wishing to moor or unmoor large ships (500G/T or more) at wharves, buoys or dolphins should use tugboats suitable for large ships. This rule, however, can be waived, with the Mayor's approval, in certain special cases.

1 type III tugboat and 1 medium tugboat