



## Musaffah HARBOUR MASTER DIRECTION

### Minimum Tug Requirements for Musaffah Port

To: Port Users & Vessels' Agents

In order to ensure safety of navigation and protect AD PORTS infrastructures within Musaffah Port Limits, AD PORTS Musaffah Harbour Master requirements for use of AD PORTS Tugs within Musaffah Port, are detailed in the tables below.

#### Escort Tugs required for Channel transit

Ship Specifications	Number of Assistant Tugs Required	Remarks
Vessels Less than 140 Meters LOA	No Tugs required	
Vessels from 140 up to 225 Meters LOA	One Tug required	AD PORTS sufficient approved Licensed Tug
Vessels more than 225 Meters LOA	Two Tugs required	AD PORTS sufficient approved Licensed Tug
Combination from 80 up to 140 Meters LOA	One Tug required	AD PORTS sufficient approved Licensed Tug
Combination from 140 up to 225 Meters LOA	Two Tugs required	AD PORTS sufficient approved Licensed Tug
Combination more than 225 Meters LOA	Three Tugs Required	AD PORTS sufficient approved Licensed Tug
Tankers less than 100 Meters LOA	No Tug Required	
Tankers from 100 to 170 Meters LOA	One tug required	AD PORTS sufficient approved Licensed Tug
Tankers more than 170 Meters LOA	Two Tugs required	AD PORTS sufficient approved Licensed Tug
Special type vessels such as warships, dredgers, special purpose vessels, oil	To be assessed on a case by case basis	Nominated duty pilot will be consulted

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rigs/platforms, ships exceeding certain displacement and/ or LOA etc.		
Vessels shifting berths	To be assessed on a case by case basis	Nominated duty Pilot will be consulted

### **Assistant Tugs required for Berthing / Un-Berthing:**

Ship Specifications	Number of Assistant Tugs Required	Remarks
All vessels less than 80 Meters LOA <b>Except Tanker</b>	- No Tug required - For Tankers Two Tugs Required	AD PORTS sufficient approved Licensed Tug
All vessels LOA 80 Meters and above without bow or stern thrusters	Two Tugs required	AD PORTS sufficient approved Licensed Tug
Vessels with LOA 80 Meters and above with <b>sufficient</b> bow or / and stern thrusters	One Tug required	AD PORTS sufficient approved Licensed Tug
Combination from 80 up to 140 meters LOA	One Tug required	AD PORTS sufficient approved Licensed Tug
Combination from 140 up to 225 meters LOA	Two Tugs required	AD PORTS sufficient approved Licensed Tug
Combination More than 225 Meters LOA	Three Tugs Required	AD PORTS sufficient approved Licensed Tug
Special type vessels such as warships, dredgers, special purpose vessels, oil rigs/platforms, ships exceeding certain displacement and/ or LOA etc.	To be assessed on a case by case basis	Nominated Duty Pilot will be consulted
Vessels shifting berths	To be assessed on a case by case basis	Nominated Duty Pilot will be consulted

### **General Notes:**

1. The above are the minimum requirements for safe maneuvering, berthing and/or un-berthing and Vessel Transit in the channel of the vessels within the Port limits.
2. The above requirements are based on normal weather and environmental conditions (winds, including forecast winds, of up to 20 knots). The pilot can request more Tugs assistance if he, with consultation of the Harbour Master, thinks it is needed for safe vessel movement within the Port.

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3. Additional Tugs might be required during periods of adverse weather.
4. Due to considerable variations in vessel size, shape, condition and degree of capability, certain vessel movements are not adequately covered in above tables. They will be subject to HM decision.
5. The vessel Master has the right to request more than the above requirement if he feels the need to do so.
6. Assistant Tug doesn't mean the Main Tug of the combination.
7. Sufficient Tug will be accepted by the nominated duty pilot.

### **NOTE:**

This Direction cancels HM Direction No 01/16 issued on 27th January 2016.

Your compliance is required.

  
**Captain / Jaber Al Shehli**  
**Musaffah & Western Region Harbour Master**

