



Musaffah HARBOUR MASTER DIRECTION

Minimum Tug Requirements for Musaffah Port

To: Port Users & Vessels' Agents

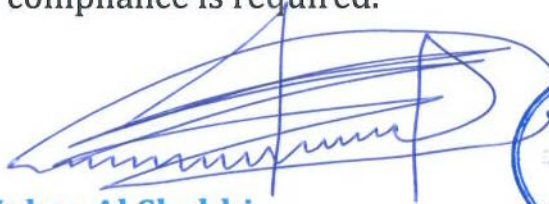
This is an amendment to the In order to ensure safety of navigation and protect ADPORTS infrastructures within Musaffah Port Limits, ADPORTS Musaffah Harbour Master requirements for use of ADPORTS Tugs within Musaffah Port, are detailed in the table below.

Ship Specifications	Number of Tugs	Remarks
Ships under 100 meters LOA, (see remarks column for tankers)	usually no tugs required	For tankers berthing, 1 tug to be used for assistance AD PORTS approved Licensed Tug
Ships 100 meters to less than 120 meters LOA	One Tug	AD PORTS approved Licensed Tug
Ships between 120 to 150 meters, with efficient bow and / or stern thrusters	One Tug	AD PORTS approved Licensed Tug
Ships between 120 to 150 meters, no efficient bow and / or stern thrusters	Two Tugs	AD PORTS approved Licensed Tug
Ships more than 150 meters LOA	Two Tugs	AD PORTS approved Licensed Tug
Special type vessels such as warships, dredgers, special purpose vessels, oil rigs/platforms, ships exceeding certain displacement, etc.	To be assessed on a case by case basis	AD PORTS approved Licensed Tug
Ships shifting berths	To be assessed on a case by case basis	AD PORTS approved Licensed Tug
Combination up to 80 120 LOA	One Tug	AD PORTS approved Licensed Tug

General Notes:

1. The above are the minimum requirements for safe maneuvering, berthing and/or un-berthing 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 vessel master, thinks it is needed for safe vessel movement within the Port.
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 table. 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

Your compliance is required.



Captain / Jaber Al Shehhi

Musaffah & Western Region Harbour Master

