

EXXONMOBIL (OM)

JETTY	DEPTH A/S(m)	APPROACH DEPTH (m)	MAX LOA (m)	MAX DISPL. (tons)	REMARKS
OM1	12.3	12.1	280	150,000	
OM2	12.3	12.1	250	67,000	
OM3	10.8	12.1	135	40,000	Approach depth reduced to 6.4m when OM9 occupied
OM4	8.6	6.3	125	8,600	Depths of less than 6.3m exist 50m SE of Bulk Pier line of wharf
OM5	14.7	12.1	250	106,000	
OM6	8.9	7.0 approx 100 south of berth	140	13,333	
OM7	14.8	12.1	250	107,000	
OM8	13.0	12.1	148	20,000	
OM9	11.5	12.0	150	27,104	

GENERAL INFORMATION

1. No berthing above maximum displacement.
2. OM3
The maximum LOA for vessel mooring at OM3 is 135m. However, when OM9 is occupied, the LOA for vessel mooring at OM3 shall corresponding be reduced.

When OM9 is occupied, the following conditions must be followed:

- i) The approach depth to OM3 is reduced to 6.4m
- ii) The minimum mooring clearance between OM9 and OM3 shall be at least 10% of it's LOA of the vessel berthing or unberthing at OM3 (refer to diagram 1 – minimum clearance)

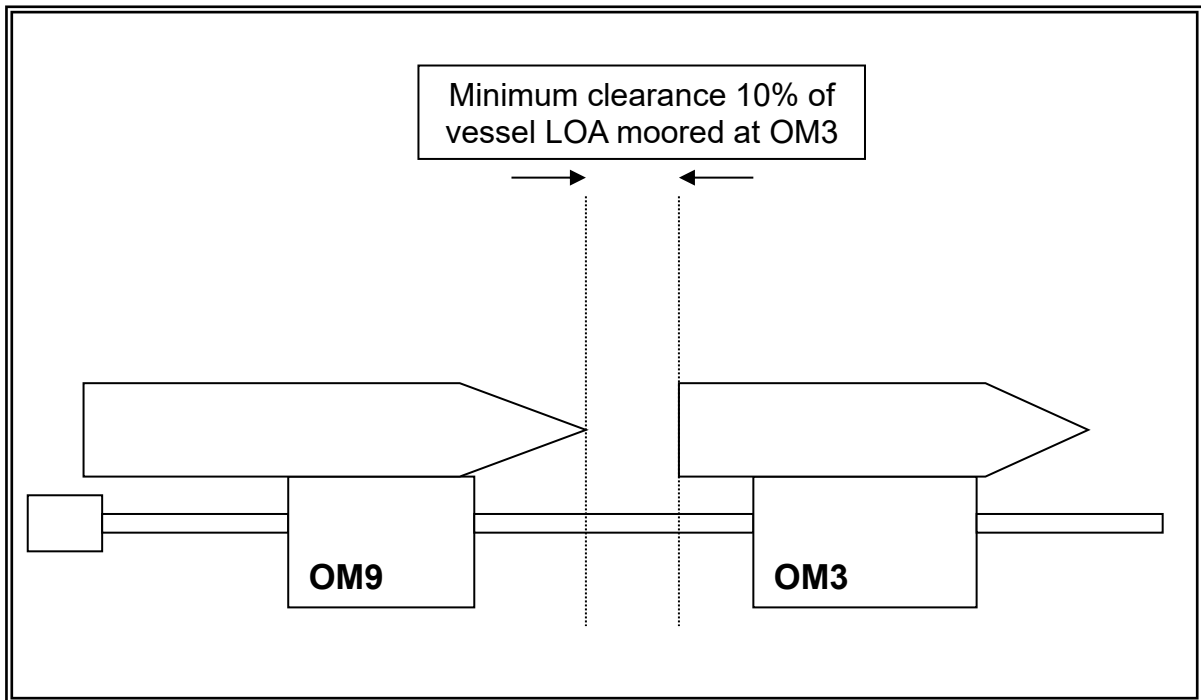


Diagram 1 – minimum clearance

PILOTAGE GUIDELINES

1. BERTHING and UNBERTHING (DAY)

No restriction

2. BERTHING and UNBERTHING (NIGHT)

LOA \leq 280m - No restriction

LOA $>$ 280m - No berthing or unberthing

MOORING ARRANGEMENT RECOMMENDATIONS & TUGS ASSIGNMENT GUIDELINES

The following are recommendations for vessels mooring arrangement and guidelines for assigning tugs to vessels berthing & unberthing @:

Berth 1, 2, 5, 7 and 8 (OM1, OM2, OM5, OM7 & OM8)

LENGTH OVERALL OF VESSEL (LOA)	MOORING ARRANGEMENT	NUMBER OF TUGS	REMARKS
Up to 70 metres	FWD: 3 Headlines and 2 Spring Lines AFT: 3 Stern lines and 2 Spring lines	Pilot, in consultation with the master, may order a tug from the tug company nominated by the ship's agent	
71 to 122 metres		1 Small tug	A vessel equipped with a suitable bow/stern thruster(s), in good working condition, may dispense with the need for a tug in that position.
123 to 152 metres		2 small tugs	
153 to 180 metres	FWD: 4 Headlines and 2 Spring Lines AFT: 4 Stern lines and 2 Spring lines	2 Medium	
181 to 280 metres	FWD: 4 Headlines, 2 Breast lines, 2 Spring Lines AFT: 4 Stern lines, 2 Breast lines, 2 Spring lines	2 big tugs/4 big tugs	Moorings as per Pilot/Terminal discretion. Tugs as per Pilot discretion

Berth 3, 4, 6 and 9 (OM3, OM4, OM6 & OM9)

LENGTH OVERALL OF VESSEL (LOA)	MOORING ARRANGEMENT	NUMBER OF TUGS	REMARKS
Up to 70 metres	FWD: 3 Headlines and 2 Spring Lines	1 small tug	A vessel equipped with a suitable bow/stern thruster(s), in good working condition, may dispense with the need for a tug in that position.
71 metres and above	AFT: 3 Stern lines and 2 Spring lines	2 small tugs	