

HELIOS JETTIES (OHT)

JETTY	DEPTH A/S (m)	APPROACH DEPTH (m)	MAX. LOA(m)	MAX DISPL (tons)	REMARKS
OHT1	18.5	16.0	220	54,900	
OHT2	18.5	16.0	280	185,600	
OHT3	14.7	16.0	145	13,100	See General Information
OHT4	18.3	16.0	220	54,900	
OHT5	18.3	16.0	280	185,600	
OHT6	18.3	16.0	145	13,100	

GENERAL INFORMATION

1. Communication : Pilot Walkie Talkie channel: P07
: Operation room number: +65-6795-6046
2. Berths are located in the Temasek Basin. Turning Circle is 520m wide within the Temasek Basin. However, note that when there is a LNG vessel berthed at OSLN1, a 170m Exclusive Exclusion Zone (EEZ), centre at the manifold of the OSLN1 exist. This EEZ will encroach approximately 45m into the northern end of the turning circle. Vessels manoeuvring in the Temasek Basin are to keep out of the EEZ.
3. OHT 3 is located on the eastern side of the finger jetty towards the land. The slope of the land tilts towards OHT 3 thereby causing a reduction to the manoeuvring room for the assisting tug. To overcome this and allow more room for the tug to manoeuvre, it is recommended that the tug be secured on the port shoulder of the vessel when berthing starboard side or forward of the accommodation when berthing port side to.
4. Tug recommendations:
 - (a) For a vessel between 250m to 280m LOA, 4 big tugs should be deployed during berthing and unberthing as follows:
 - (i) Draft 14 m to < 17m ~ at least one of the tugs at the bow and at the stern should have a bollard pull of not less than 45 tons.
 - (ii) Draft \geq 17m ~ all 4 tugs should have a bollard pull of at least 45 tons each.

- (b) All tugs deployed to assist a vessel with draft of 17m or more in berthing or unberthing are required to have a backup towline for emergency purposes.

PILOTAGE GUIDELINES

BERTHING and UNBERTHING (DAY/NIGHT)

No restriction

TUG GUIDELINES

TUG RECOMMENDATION FOR BERTHING AND UNBERTHING @:
Berth 1, 2, 4, 5 and 6 (OHT1 and OHT4)

LENGTH OVERALL OF VESSEL	NUMBER OF TUGS
Up to 70 metres LOA	Pilot to consult master on the use of tug and, if required, order from the tug company nominated by the agent.
71 to 122 metres LOA	1 small tug
123 to 152 metres LOA	2 small tugs
153 to 180 metres LOA	2 medium tugs
181 to 249 metres LOA	2 big tugs
250 to 280 metres LOA	(i) Draft 14 m to < 17m ~ 4 big tugs with at least 2 must have a bollard pull of 45 tons each. (ii) Draft ≥ 17m ~ 4 big tugs each with a bollard pull of at least 45 tons. (iii) All tugs deployed to assist a vessel with draft of 17m or more in berthing or unberthing are required to have a backup towline for emergency purposes.

Note: Due the curvature of the shoreline, the TUG RECOMMENDATION FOR BERTHING AND UNBERTHING @ OHT3 is:

LENGTH OVERALL OF VESSEL	NUMBER OF TUGS
Up to 70 metres LOA	1 small tug
71 to 145 metres LOA	2 small tug