

JURONG ISLAND, VLCC JETTIES (OVL)

JETTY	DEPTH A/S (m)	APPROACH DEPTH (m)	MAX. LOA(m)	MIN. LOA(m)	MAX DISPL (tons)	REMARKS
OVL1	24.2	22.5	353	232	387,000	NA
OVL2	24.5	22.5	353	232	387,000	Shallower depths of 21.9m exist NE of OVL2

GENERAL INFORMATION

- 1 These guidelines apply to all tankers berthing at OVL1 and OVL2.
- 2 Tug requirements
 - (a) At least 4 big tugs should be deployed to assist VLCCs berthing and unberthing from OVL1 and 2. For VLCCs with a draft of 17m or more, all 4 tugs should have a bollard pull of at least 45 tons each.
 - (b) For vessels from 250m to 280m LOA, when swinging is required, 4 big tugs should be deployed during berthing and unberthing as follows:
 - (i) Draft 15 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.
 - (c) 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.
- 3 Communications
 - (a) OVL1 : Pilot Walkie Talkie channel - P06
: Operation room number: +65-6795 3090
 - (b) OVL2 : Pilot Walkie Talkie channel - P02
: Operation room number: +65 6686 4076/9236 2530

PILOTAGE GUIDELINES

1. Berthing (Day and Night)

a) Flood Tide

Tidal strength \leq 1.5 knots - No restriction

Tidal strength >1.5 knots to 2.0 knots - Draft restricted to < 17m
 Tidal strength >2.0 knots - No berthing

b) Ebb Tide

Tidal strength ≤ 1.0 knot - No restriction
 Tidal strength > 1.0 knot to 1.5 knots - Draft restricted to < 17m
 Tidal strength > 1.5 knots - No berthing

2. Unberthing (Day and Night)

Flood & Ebb Tides

Tidal strength ≤1.5 knots - No restriction
 Tidal strength >1.5 knots to 2.0 knots - Draft restricted to < 17m
 Tidal strength >2.0 knots - No unberthing

TUG ASSIGNMENT GUIDELINES

TUG RECOMMENDATION FOR BERTHING AND UNBERTHING @:
OVL1 and OVL2.

LENGTH OVERALL OF VESSEL (LOA)	NUMBER OF TUGS	REMARKS
232 to 280 metres	2 big tugs	Pilot , in consultation with the master, may order an additional tug from the tug company nominated by the ship's agent
> 280 metres or GT > 75,000 with Draft < 17 metres	4 big tugs	
> 280 metres or GT > 75,000 with Draft ≥17 metres	(i) 4 big tugs (ii) Each with a minimum bollard pull of at least 45 tons each (iii) All tugs deployed to assist a vessel with draft of 17m or or more in berthing or unberthing are required to have a backup towline for emergency purposes	