

KEPPEL SHIPYARD LIMITED (BENOI YARD) - YH
[FORMERLY KNOWN AS HITACHI ZOSEN ROBIN SHIPYARD]

BERTH	DEPTH A/S (m)	APPROACH DEPTH (m)	LENGTH of BERTH(m)	REMARK
(YHQ1) Quay 1	5.6	7.0	217	
(YHQ2) Quay 2	8.9	5.5	352	
(YHQ3) Quay 3	7.2	5.5	270	
(YHQ4) Quay 4	6.4	5.5	224	
(YHL) Landing Quay	3.6	5.7	100	
(YHDK1) Dock 1	11.5	7.0	350	Width: 60m
(YHDK2) Dock 2	11.5	7.0	300	Width: 60m

PILOTAGE GUIDELINES

1 BERTHING/DOCKING & UNBERTHING/UNDOCKING (DAY)

No restriction

**2 BERTHING/DOCKING & UNBERTHING/UNDOCKING (NIGHT)
(A/S BERTH ONLY)**

(a) QUAYS 1, 2, 3, 4 AND LANDING QUAY

LOA ≤ 230m

No restriction

LOA > 230m

No movement

(b) DOCKS 1 & 2

LOA ≤ 230m

No restriction

LOA > 230m

No movement

Note: For vessel to pass a berth, the combined beam of vessels alongside the affected berth should not exceed the beam of 2 VLCCs.

TUG GUIDELINES

- 1 The table provides for the number of tugs to be assigned to a vessel when berthing/unberthing or shifting at the shipyard.
- 2 For vessels proceeding to a Floating Dock or Graving Dock, the shipyard may assign an additional tug.
- 3 For jack-up oil rigs, 3 suitable big tugs are recommended and for semi-submersibles 4 suitable big tugs are recommended.
- 4 The pilot may in consultation with the master, cancel or order additional tugs if necessary. For vessels equipped with a suitable thruster in good working condition, one tug at that position may be dispensed with.
- 5 The shipyard may arrange its own tugs for the movement. Please consult the respective shipyard for advice when ordering tugs.

LENGTH OVERALL OF VESSEL	NUMBER OF TUGS FOR VESSELS WITH ENGINES	NUMBER OF TUGS FOR VESSELS UNDER TOW
Up to 60 metres LOA	1 small tug	2 small tugs
61 to 100 metres LOA	2 small tugs	3 small tugs
101 to 130 metres LOA	1 small and 1 medium tug	2 small and 1 medium
131 to 150 metres LOA	2 medium tugs	1 small and 2 medium tugs
151 to 180 metres LOA	2 medium tugs	3 medium tugs
181 to 200 metres LOA	1 medium and 1 big tug	3 medium tugs
201 to 260 metres LOA	1 medium and 2 big tugs	2 medium and 2 big tugs
More 260 metres LOA	3 big tugs	2 medium and 3 big tugs

Revised: 7 May 2014