

LOYANG OFFSHORE BASE (SLOY)

BERTH	A/S DEPTH (m)	APPROACH DEPTH (m)	MAX LOA (m)	MAX DISPL (mt)	Remarks
SLOY1	6.7	6.5	Refer 4.1& 5.1	25,000	Shallower depths of 5.4m to 6.6m exists 100 metres east of SLOY 2/2A/1/9 line of wharf.
SLOY2/2A	7.3	6.7	Refer 4.1& 5.1	25,000 Refer 4.2& 5.2	
SLOY3/3A	6.3	6.4			
SLOY4	5.2	6.4			
SLOY5	5.6	6.4			
SLOY6	5.6	6.4			
SLOY7	4.6	4.1			Shallower depths of less than 4.0 m exist 70metres south of SLOY7/8 line of wharf
SLOY8	4.0	4.0			
SLOY9	5.3	6.3	Refer 4.1	Refer 4.2	Shallower depths of 5.4m to 6.6m exists 100 metres east of SLOY 2/2A/1/9 line of wharf.
SLOY A	5.1	6.0	Refer 6.1 & 6.4		
SLOY B	5.4	5.5	Refer 6.1 & 6.4		
SLOY C	4.6	4.8	Refer 6.1 & 6.4		

GENERAL INFORMATION

1. For vessel with height > 49m, the agents/owners and berth operator are required to seek CAAS's approval to berth at Loyang.
2. No overhanging is permitted.
3. When planning a vessel for berthing/unberthing at linear wharfs comprising of multiple berths, the berth with the shallowest alongside depth and approach depth to be used.
4. Walkie Talkie Ch : P05
: Operation room number : +65-6545 2541

PILOTAGE GUIDELINES

Berthing (Night)

1. Night berthing is restricted to supply boat vessel of LOA 75m or less.

Unberthing (Night)

2. Night unberthing is restricted with LOA 152m or less

Oil Rig and Drill Ships

3. Restricted to berthing/unberthing during daylight hours at slack tide.

Linear wharf comprising SLOY 9, 1, 2 and 2A

- 4.1 The maximum LOA to berth at the linear wharf comprising SLOY 9,1,2 and 2A is 260m. No overhanging is permitted.
- 4.2 The maximum displacement allowed to berth at the linear wharf comprising SLOY 9,1,2 and 2A is 56,000mt.
- 4.3 If any of SLOY A, B or C is occupied, the maximum length of the ship can be berthed at the linear wharf comprising SLOY 9, 1, 2, and 2A is 200m.
- 4.4 LOA>180m berthing and unberthing movements shall be conducted when Malang Tiga's tidal prediction ≤ 0.5 kt.
- 4.5 LOA>152m berthing and unberthing movements shall be conducted when Malang Tiga's tidal prediction ≤ 1.0 kt
- 4.6 The berthing and unberthing movements shall be deferred if wind speed exceeds 15 knots.
- 4.7 Mooring plan arrangement shall be agreed upon with the vessel's master prior to booking the Pilot order.

Linear wharf comprising SLOY 1, 2 and 2A

- 5.1 The maximum LOA to berth at the linear wharf comprising SLOY 1,2 and 2A is 169m. No overhanging is permitted.

- 5.2 The maximum displacement allowed to berth at the linear wharf comprising SLOY 1,2 and 2A is 42,944mt.
- 5.3 LOA>152m berthing and unberthing movements shall be conducted when Malang Tiga's tidal prediction ≤ 1.0 kt
- 5.4 The berthing and unberthing movements shall be deferred if wind speed exceeds 15 knots.
- 5.5 Mooring plan arrangement shall be agreed with vessel's master prior booking Pilot order.

Linear wharf comprising SLOY A, B and C

- 6.1 The maximum LOA to berth at the linear wharf comprising SLOY A,B and C is 155m.
- 6.2 Vessel berthing/unberthing at the linear wharf comprising SLOY A,B and C shall be under her own propulsion.
- 6.3 The maximum beam of vessel to berth at the linear wharf comprising SLOY A,B and C is 36m.
- 6.4 If any of SLOY berths 9, 1, or 2 is occupied, the maximum LOA of a vessel that can berth or unberth under its own propulsion at the linear wharf comprising SLOY A, B, and C is 155 m, minus the widest beam of the vessel alongside at any of SLOY berths 9, 1, or 2.
- 6.5 Vessel with LOA>100m to berth starboard side alongside only at the linear wharf comprising SLOY A,B and C when SLOY berths 9, 1 or 2 is unoccupied.
- 6.6 If any of SLOY berths 9, 1, or 2 is occupied, vessel with LOA>100m, minus the widest beam of the vessel alongside any of SLOY berths 9, 1, or 2 shall berth starboard side alongside only at the linear wharf comprising SLOY A,B and C.
- 6.7 LOA>152m berthing and unberthing movements shall be conducted when Malang Tiga's tidal prediction < 1.0 kt.
- 6.8 The berthing and unberthing movements shall be deferred if wind speed exceeds 10 knots.
- 6.9 No night berthing and unberthing if LOA>75m.
- 6.10 LOA 71m to 100m, 2 small tugs to assist for berthing and unberthing movements.
- 6.11 LOA>100m, 2 medium tugs to assist for berthing and unberthing movements.
- 6.12 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.
- 6.13 Mooring plan arrangement shall be agreed with vessel's master prior booking Pilot order.

TUG ASSIGNMENT GUIDELINES

**TUG RECOMMENDATION FOR VESSELS BERTHING AND UNBERTHING @:
BERTHS 1 to 9 (SLOY1 to SLOY9).**

LENGTH OVERALL OF VESSEL (LOA)	NUMBER OF TUGS	REMARKS
Up to 70 meters	Pilot , in consultation with the master, may order a tug from the tug company nominated by the ship's agent	
71 to 122 meters	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 meters	2 small tugs	
153 to 180 meters	2 medium tugs	
181 to 200 meters	2 big tugs	
201 to 260 meters	3 big tugs	
Jack up rig	3 suitable big tugs	
Semi-submersible rig	4 suitable big tugs	
Cumbersome tow and towing of vessels with unusual characteristics	To be determine at the consultation meeting and briefing before vessel movement.	
Line-tow barges of greater than 1000 GT	1 additional tug of sufficient horsepower to be secured at the stern of the barge for stopping and to assist in maneuvering when required.	

