ASIAN HERCULES III
5000 MT SEAGOING FLOATING SHEERLEG CRANE

Name: Asian Hercules III
Flag: Singapore
Port of Registration: Singapore
Callsign: 9V2514
Built: Keppel Nantong
Class: ABS A1, + AMS - Heavy Lift Vessel

Principal dimensions
Length 106.42 m
Breadth (moulded) 52.00 m
Depth (moulded) 10.00 m
Displacement 26,456 T (even keel @ 5.50 m)
Gross Tonnage 16805 T
Nett Tonnage 5041 T
Speed 7 knots (4 x each about 2000 kW)
Deck loading 20 mt/m
Fuel bunker capacity 2,021 m³
Fresh water capacity 474 m³
Ballast water capacity 14438 m³

A-frame working position
For creating more deck space for cargo on the main deck, the A-frame of the sheerleg can be skidded along fixed tracks into three working positions and one position for sea transport:
- Position 1: Located at 7200 mm from aft end of vessel
- Position 2: Located at 19200 mm from aft end of vessel
- Position 3: Located at 36000 mm from aft end of vessel
- Position 4 (sea transport): Located at 81600 mm from aft end of vessel

Generators
Main generator 4 units diesel engine driven generators of output capacity 4364 kW
Emergency / Auxiliary generator 1 unit diesel engine driven generator of output capacity 750 kW

Mooring winches
8 point mooring 60T cap. 1200 m of 46 mm dia. wire rope

Winches
Luffing: 2 units luffing winches providing maximum luffing speed of 1.00m/min at full load
Main hoist: 4 units main hoisting winches for A-frame and 2 units for Jib, each capable of hoisting speeds 2m/min at full load of 1250MT and 5m/min at light/no load
Jib adjustment: 2 units jib adjustment winches, mounted on the A-frame, for adjustment of the Jib without load from 0° to 40° in respect to the A-frame.
20 MT aux. hoist: 2 units auxiliary hoisting winches for A-frame and 1 unit for Jib each capable of hoisting speeds of 10m/min at full load of 20 MT
Cargo handling: 2 units cargo winches capable of pulling 20 MT at 10m/min
Class anchor: 2 unit class anchor winch for handling the 6975 kg HHP bow anchor via 76 mm grade 3 anchor chain
Accommodation 45 persons

For Enquiries, please contact
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These specifications are given in good faith and assumed to be correct. April 2015