

MV SETIA JATI – 12,000 BHP

ANCHOR HANDLING / TUG/ SUPPLY – DP2

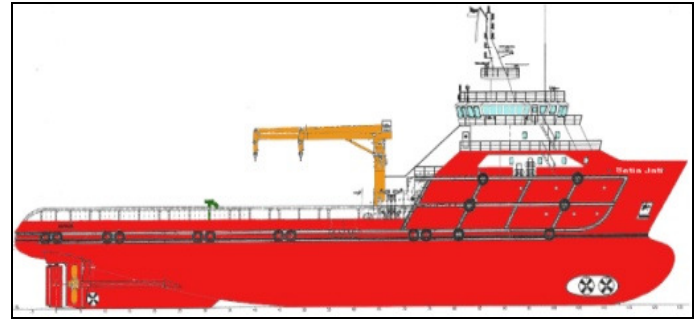
DELIVERY 1ST QUARTER 2011



PARTNERS IN PROGRESS

PRINCIPAL PARTICULARS

Port Of Registry : Port Kelang
Call Sign : TBA
Official No. : TBA
Year Built : 2010
Class : American Bureau of Shipping
Notation : ✕ A1 E Offshore Support Vessel AH, Towing Vessel
Fire Fighting Vessel Class 1 ✕ AMS ✕ DPS-2
Type : Anchor Handling Tug Supply Vessel
Class No. : TBA
IMO No. : TBA
Hull No. : MLC – 75085/6
Flag : Malaysia
Owner : Alam Maritim (L) Inc.
Operator : Alam Maritim (M) Sdn Bhd



DIMENSION

Length Overall : 75.00 m
Length Waterline : 76.91 m
Length Between Perpendicular : 66.98 m
Breadth Moulded : 17.00 m
Depth Moulded : 8.00 m
Draft Moulded : 5.50 m
GRT : 2,150 MT (approx)
NRT : 864 MT (approx)
Deadweight : 2,500 MT @ 6.50 m draft (approx)

PERFORMANCE

Trial Speed : 15.5 knots
Type of fuel : Marine Gas Oil

CARGO CAPACITIES

Deck Cargo : 800 MT
Deck Strength : 7.5 MT / m² uniform loading
Clear Deck Area : 540 m²
Fuel Oil : 1000 m³
Fresh Water : 600 m³
Ballast/Drill Water : 1440 m³
Freezer : 10 m³ (-18^o C temperature)
Chiller : 10 m³ (+14^o C temperature)
Foam : 15 m³
Detergent : 15 m³
Mud : 400 m³
Cement Tank : 226 m³

PROPULSION SYSTEM

Main Engine : 2 x 6000 BHP
Shaft Generator : 2 x 1,920 kW
Auxiliary Generator : 2 x 380 kW
Emergency Generator : 1 x 58 kW
Bow Thrusters : 2 x 10 MT
Stern Thruster : 1 x 10 MT
Steering Gear : Electro-hydraulic type with twin screw arrangement
Propulsion : 2 x CPP
Rudders : 2 x High Flap Type

DECK EQUIPMENT

Windlass : 1 x electro-hyd for Ø 44 mm rated 12 MT @ 12 m/min
Anchor : 2 x 1850 kg High Hold Type Bow Anchor
Anchor Chain : 467.5 m x 42 mm Ø port & stbd
Capstan : 2 x 10 MT @ 25 m/min
Tugger Winch : 2 x 15 MT @ 32 m/min
Deck Crane : 1 x 3 MT @ 12.2 m

FIRE FIGHTING EQUIPMENT

External
FiFi : Fire Fighting Class 1
Fire pump : 2 x 1750 m³/hr
Fire monitor : 2 x 1200 m³/hr @ 10 bar inlet pressure

Internal
Fixed System in E/R: CO2 system in engine room
Fire Detection System : All living space and Engine Room

OTHERS

Rescue Zone : Port & Stbd Main deck
Water Maker : 2 x 5 T/ day

DP2 DYNAMIC POSITIONING SYSTEM

DP System : K-Pos DP-21 Kongsberg with basic system hardware;
3 x Gyro Compass
2 x Wind Sensor
3 x Vertical/ Motion Reference Unit
2 x Position Reference Unit (DGPS)
1 x 500 A Gate Valve

TOWING & ANCHOR HANDLING EQUIPMENT

Bollard Pull : 150 MT
Tow/ AH Winch : Double Drum Waterfall Type,
Upper Drum – Ø 90 mm x 1500 m (Towing)
Lower Drum – Ø 90 mm x 1500 m (Anchor Handling)
Remote control from aft control stand in wheelhouse
Tow/ AH Pull : 350 MT @ 6 m/ min – Low Speed
(1st Layer) 170 MT @ 12 m/ min – Mid Speed
50 MT @ 40 m/ min – High Speed
Braking Capacity : 450 MT
Stern Roller : Ø 1.5 m x 5.0 m length, SWL 500 MT
Shark Jaws : 1 x Karm Fork 300 MT SWL
Tow Pins : 1 x electro-hyd Karmoy, SWL 160 MT

DISCHARGE RATES

Fuel Oil : 1 x 150 m³/ hr @ 75 m head
Fresh Water : 1 x 150 m³/ hr @ 75 m head
Mud Pump : 2 x 100 m³/ hr @ 24 bar head pressure
Drill Water Pump : 1 x 100 m³/ hr @ 75 m head
Bulk Cement : 10 m³/ hr @ 29 m head

NAVIGATIONAL /COMMUNICATION

GMDSS : Sea Area A3
MF/HF : 1 x
SART : 2 sets
Inmarsat C : 2 sets
EPIRB : 1 set
Portable VHF Radio: 3 sets
Navtex Receiver : 1 set
Radar : 2 units
Echo Sounder : 1 set
GPS Navigator : 1 set
Gyrocompass : 3 sets
Autopilot : 1 unit
Weather Fax : 1 unit
Speed Log : 1 set
Magnetic Compass : 1 unit
AIS : 1 unit

ACCOMMODATIONS

Berths : 8 x 1 berth cabin = 8
11 x 2 berth cabin = 22
5 x 4 berth cabin = 20
Total : 50
Hospital : 1 x 1 berth cabin
All cabins are fully air-conditioned

LIFE SAVING APPLIANCE

Search Lights : 4 x 2000 W Aqua Signal (Illuminate up to 250 m)
Floodlights : 6 x 1000 W (Sodium Halogen Type)
Liferafts : 6 sets
Lifebuoys : 8 pcs with buoy lights
Life jackets : 50 SOLAS Type as required by Regulation
Immersion Suit : 48 pcs
Rescue boat : 1 x 6 men c/w 25 hp motor and davit launching
Parachute Distress : 12 Units, SOLAS Type
Emergency Escape : 8 sets with containers
Breathing Device

