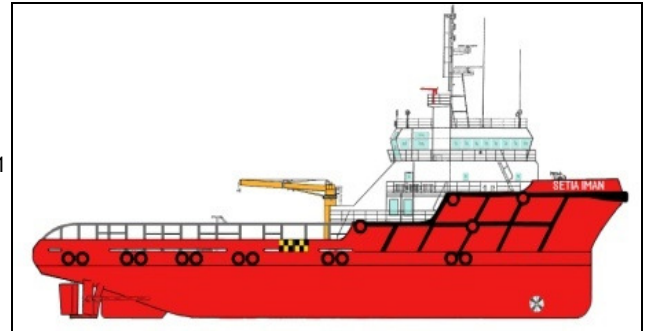


MV SETIA IMAN – 5,150 BHP
ANCHOR HANDLING / TUG/ SUPPLY – DP 1 DELIVERY JUNE 2010

PRINCIPAL PARTICULARS

Port Of Registry : Port Kelang
 Call Sign : TBA
 Official No. : TBA
 Year Built : 2010
 Class : American Bureau of Society
 Notation : Hull * A1E "Towing Vessel, Fire Fighting Vessel Class 1, Offshore Support Vessel" * AMS * DPS-1
 Type : Anchor Handling Tug Supply Vessel
 Class No. : TBA
 IMO No. : TBA
 Hull No. : DN59M - 80
 Flag : Malaysia
 Owner : Alam Maritim (L) Inc
 Operator : Alam Maritim (M) Sdn Bhd



DIMENSION

Length Overall : 59.25 m
 Length Waterline : 56.00 m
 Length Between Perpendicular : 52.20 m
 Breadth Moulded : 14.95 m
 Depth Moulded : 6.10 m
 Max. Draft Moulded : 4.95 m
 GRT : 1500 MT
 NRT : TBA
 Deadweight : 1400 MT

PERFORMANCEe

Trial speed : 13.0 knots
 Type of fuel : Marine Gas Oil

CARGO CAPACITIES

Deck Cargo : 500 MT
 Deck Strength : 7.5 MT / m² uniform loading
 Clear Deck Area : 340 m²
 Fuel Oil : 540 m³
 Fresh Water : 300 m³
 Ballast/Drill Water : 400 m³
 Freezer : 13 m³ (-18^o C temperature)
 Chiller : 13 m³ (+4^o C temperature)
 Mud : 385 m³

DP1 DYNAMIC POSITIONING SYSTEM

DP System : DP 1 with basic system hardware;
 2 Position Reference Systems
 2 Wind Sensor
 2 Vertical Reference Systems
 2 Gyrocompass
 1 UPS
 1 Control Station + 1 Computer Systems

PROPULSION SYSTEM

Main Engine : 2 x 2575 BHP
 Main Generator : 2 x 350 kW
 Shaft : 2 x 800 kW
 Generator :
 Emergency : 1 x 65 kW
 Generator :
 Bow Thruster : 1 x 8 MT
 Steering Gear : electro-hydraulic type with twin screw arrangement
 Propulsion : 2 x CPP
 Rudders : 2 x Conventional Rudder

DECK EQUIPMENT

Windlass : 1 x electro-hyd for Ø 36 mm rated 8 MT @ 12 m/ min
 Anchor : 2 x 1305 kg High Hold Type Bow Anchor
 Anchor Chain : 440 m x 36 mm Ø port & stbd
 Capstan : 2 x 5 MT @ 15 m/ min
 Tugger Winch : 2 x 10 MT @ 15 m/ min

FIRE FIGHTING EQUIPMENT

External
 FIF : Fire Fighting Class 1
 Fire pump : 2 x 1400 m³/hr
 Fire monitor : 2 x 1200 m³/hr @ 12 bar inlet pressure
 Throw Length : 120 m

Internal

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

OTHERS

Rescue Zone : Port & Stbd Main deck
 Water Maker : 1 x 5 MT/ day

TOWING & ANCHOR HANDLING EQUIPMENT

Bollard Pull : 62 MT
 Tow/ AH Winch : Double Drum Waterfall Type,
 Upper Drum – Ø 56 mm x 1000 m (Towing)
 Lower Drum – Ø 56 mm x 1000 m (Anchor Handling)
 Remote control from aft control stand in wheelhouse
 Tow/ AH Pull : 150 MT @ 6 m/ min – Low Speed
 (1st Layer) : 71 MT @ 12 m/ min – Mid Speed
 23 MT @ 36 m/ min – High Speed
 Braking Capacity : 200 MT
 Stern Roller : 1.6 m Ø x 4.0 m length, SWL 200 MT
 Shark Jaws : 1 x Karm Fork 200 MT SWL
 Tow Pins : 2 x electro-hyd Karmoy, SWL 200 MT

DISCHARGE RATES

Fuel Oil : 1 x 150 m³/ hr @ 75 m head
 Fresh Water : 2 x 100 m³/ hr @ 75 m head
 Mud Pump : 2 x 75 m³/ hr @ 75 m head
 Drill Water Pump : 2 x 100 m³/ hr @ 75 m head

NAVIGATIONAL /COMMUNICATION

GMDSS : Furuno RC-1500-1T or Area A1 + A2 + A3
 SART : 2 x Jotron Tron Sart
 Inmarsat C : 2 x Furuno Falcom-12
 Satellite EPIRB : 1 x McMurdo
 Portable VHF Radio: 3 x SRH-50
 Navtex Receiver : 1 x Furuno
 Radars : 1 x Furuno 96 nm S-band 20" + 1 x 64 nm X-band 15"
 Echo Sounder : 1 x Furuno
 GPS : 1 x Furuno
 Gyrocompass : 1 x Anschuetz Standard 20 Compact
 Autopilot : 1 x Anschuetz Pilostar D
 Weather Fax : 1 x Furuno
 Speed Log : 1 x Furuno DS-80
 Magnetic Compass : 1 x Saura
 AIS : 1 x Furuno

ACCOMMODATIONS

Berths : 2 x 1 berth cabin = 2
 2 x 1 berth cabins = 2
 3 x 2 berths cabins = 6
 8 x 4 berths cabins = 32
 Total : 42
 Hospital : 1 x 1 berth cabin
 All cabins are fully air-conditioned

LIFE SAVING APPLIANCE

Search Lights : 3 x 2000 W
 Floodlights : 5 x 1000 W (Sodium Halogen Type)
 Liferrafts : 6 x 25 men Solas Type
 Lifebuoys : 8 pcs with buoy lights
 Life jackets : 52 pcs
 Immersion Suit : 46 pcs
 Rescue boat : 1 x 6 men rigid c/w 25 hp motor and david launching
 Air Breathing App. : 4 Sets
 Parachute Distress : 12 Units, SOLAS Type
 Emergency Escape : 6 x Emergency Escape + One (1) of training EEBD
 Breathing Devices

