

PRINCIPAL DETAILS

Lenght OA	:48.00m
Lenght WL	:45.56m
Beam	:13.20m
Depth	:5.20m
Designed Draft	:4.20m
GRT/NRT	:1039/311
Year Built	:2007
Builder	:Sealink Shipyard, Miri
Classification	:ABS
Notation	:Class 1 + Hull, DP-O It is likely to be DP1

PERFORMANCES

Maximum Speed	:13 knots
Economical Speed	:11.5 knots
Type of Fuel	:Diesel Oil
Range	:TBA :20.000 miles

CARGO CAPACITIES

Dead weight	:680 t
Deck Cargo	:200 t
Deck Strenght	:7.5 tons/m ²
Clear Deck Area	:225 m ²
Fuel Oil	:639 m ³
Lube Oil	:6.26 m ³
Fresh Water	:205 m ³
Drill Water/SWB	:90 m ³
Foam/Detergent	:19 m ³

DISCHARE RATES

Fuel Oil	:130m ³ /hr @ 70m head
Potable Water	:90m ³ /hr @ 75m head
Drill Water	:75cum/hr @ 50m head

DISCHARE RATES

Fresh Water Marker	
Oily Water Separator Sewage	1xGeorim 500 lt/hr @ 2kg/cm ³
Treat Plant	:1xII Seung (40 man)

PROPULSION SYSTEM

Main Engines	:2x2575 BHP @ 1600 rpm Caterpillar
Gearbox	:For CPP Ratio 7.455:1
BowThruster	:5 mt thruster CPP motor driven
Wheelhouse Control	:Fwd&aft control
Rudder	:Independent
Generator	:3x360 kW@ 1500 rpm
Emergency Generator	:1x45 kW
Propellers	:CPP 2650mm dia Berg
Anchors	:2xStockless, 1440 kg ea

TOWING/ANCHOR HANDLING/DECK EQUIPMENT

Bollard Pull	:68 t approx.
Anchor Handling Winch	:1x Plimsoll waterfall type 150t
Tow Drum	:1000mx56mm
Anchor Handling Drum	:TBA
Brake Capacity	:200t
Capstan	:2x 5 t x 0.15 m/min Plimsoll
Tugger Winch	:2x 10 t x 0.15 m/min Plimsoll
Steam Roller	:SWL 150 t 4 m x 1.6 m dia
Anchor Windlass	:4.9t @ 11m/min Grade 2 stud line chain
Shark Jaw	:Hydraulic 300 t, max 114 mm dia
Deck Crane	:2 x 6 m

RADIO & NAVIGATION EQUIPMENT

SSB	:Furuno – FS 1520.
VHF	:Furuno – FM 8 8005
Radar	: 1 x IMO approved (Furuno)
Echo Sounder	:JMC – F 3000 W
Speed Log	:IMO Type -Anthea
Gyro Compass	: 1 x Simrad with Autopilot
GPS	:2xFuruno
GMDSS	:1xFuruno
Magnetic Compass	:1xDaiko Keiki
Navtex Receiver	: 1xHanshin
SART	: 2xACR Parthfinder
Portable VHF Radio	: 1xJMC
Inmarsat	: 1xFuruno c/w SSAS capability
EPIRB	: 1xGME
AIS	: 1xFuruno – FA -150

FIRE FIGHTLNG EQUIPMENT

Fire Pump	: 2xseawater @ 1500m ³ /hr @ 14 bar
Fire Monitor	: 2xhandwheels, 1200 m ³ /hr
Foam Tank	: 19.33 m ³
Dispersant System	:19.33 m ³
Full Flooding	:CO2 System Engine Room

LIFE SAVING EQUIPMENT

Search Lights	:2x1000w
Floodlights	:6x500w
Liferafts	:4x20-men Fujikura
Lifebuoys	:8xSelf igniting elect lights
Lifejackets	: 46 pcs
Rescue Boat	: 1xVailant c/w 25 BHP Solas Approved

ACCOMANDATION

Total	:40 men
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