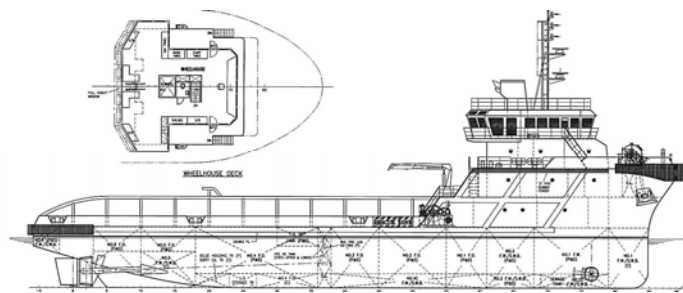


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PRINCIPAL PARTICULARS

Length Overall	58.3 m
Length Waterline	52.2 m
Breadth Moulded	13.80 m
Depth Moulded	5.5 m
Draft (max)	4.50 m
Date/Place Built	2007 / Malaysia
GRT/NRT	TBA
Class	ABS
Notation	Maltese Cross + A1 + AMS Circle E with descriptive notation utility & towing service vessel for unrestricted service. ½ FiFi Vessel Class 1
Flag	Malaysia
Call Sign	TBA
Official No	TBA

PERFORMANCE

Maximum Speed	12 knots @ 100% MCR
Economical Speed	10 knots
Type of Fuel	Marine Gas Oil
Range	30 days

CARGO CAPACITIES

Deadweight	TBA
Deck Cargo	500 tonnes
Clear Deck Area	265 m ² approx
Fuel Oil	1,000 m ³ approx
Lube Oil	6 m ³ approx
Fresh Water	TBA
Drill Water/SWB	TBA

DISCHARGE RATES

Fuel Oil	150 m ³ /hr @ 75 m head
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PROPULSION SYSTEM

Main Engines	MSD 2 X 1600 BHP @ 1800 rpm CPP type propulsion
Generators	2 x 250 kw HSD 415/3/50 4 wire
Emergency	1 x 48 kw 415V/3/50 4 WIRE
Bow Thruster	1 x FPP 5 t Thruster

OTHER EQUIPMENT

Oily Water Separator	1 x 1 m ³ /hr x 2 kg/cm ³
Sewage Treat. Plant	1 x Hamworthy MARPOL approved 40 persons
Fuel Oil Purifier	1 x 2000 ltrs/hr
Lube Oil Purifier	1 x 700 ltrs/hr

TOWING / ANCHOR HANDLING EQUIPMENT

Bollard Pull	38 tonne approx
Towing Hook	As per CGG requirements

DECK EQUIPMENT

Capstan	2 x 5T x 0-15 m/min Plimsoll
Tugger Winch	2 x 10T x 0-15 m/min Plimsoll
Anchors	2 x Bower Anchors 1440 kg 34mm Ø Grade 2 Stud link chains
Anchor Windlass	7.0 tons @ 14m/min for 34 mm Ø U2 stud line chain
Shark Jaw	None
Tow Pins	None
Deck Crane	1 x 1.25 ton @ 6m, 3 ton @ 3m outreach

ACCOMMODATION (All cabins fully air-conditioned)

Crew	2 x 1 berth cabins 5 x 2 berth cabins 7 x 4 berth cabins
TOTAL	40 crew
Extra:	1 x 1 sickbay

RADIO AND NAVIGATION EQUIPMENT

Radar	2 x Radars, (1 x 96 nm, 1 x 48NM range)
GPS	1 x IMO Type
AIS	1 unit
Echo Sounder	1 x IMO Type to 800 metres
Speed Log	1 x IMO type
Gyro Compass	1 x IMO type
GMDSS	Area 3
Magnetic Compass	1 x Saura MR 150
Navtex Receiver	1 x IMO Type
SART	2 x IMO Type
Portable VHF Radio	3 x GMDSS
Inmarsat	1 x Inmarsat C
EPIRB	1 x McMurdo E3A
Autopilot	1 unit

FIRE FIGHTING EQUIPMENT – ½ FiFi

Full Flooding	CO2 system in engine room (Internal)
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SEISMIC EQUIPMENT

Streamer Reel	Minimum capacity 5000m liquid (kerosene filled)
Crane	Minimum lift 8 tons @ 10 metres (knuckle boom)
Fenders	2 x Yokohama

LIFE SAVING EQUIPMENT

Search Lights	2 x 2,000 W halogen tungsten lights
Floodlights	5 x 1,000 W orange lights
Liferafts	2 x 10 men + 4 x 25 men inflatable type
Lifebuoys	10 pcs
Lifejackets	50 pcs with spare 30 pcs SOLAS approved type
Workvest	8 pcs
FRC	Solas approved inboard (min 20 knots) with davit launch facility.

OFFSHORE BUNKERING

Full at sea re-bunkering equipment including reel, 200m fuel hose (Garflow hard wall) with emergency shut off valve, bunkering line, 3 towlines (incl spare) and fire fighting protection. Oil Spill equipment. Capable to re-bunkering the seismic vessel while in operation at approx 5 knots.

OTHER

Chiller/Freezers for transportation of seismic vessel food.

OMS Resolution

