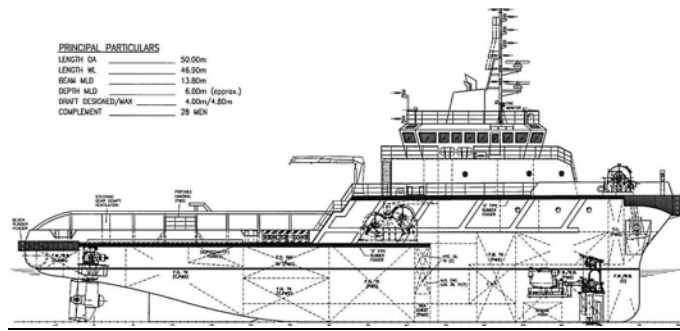


OMS Northern Wave



PRINCIPAL PARTICULARS

Length Overall	50.0 m
Length Waterline	46.9 m
Breadth Moulded	13.80 m
Depth Moulded	6.0 m
Draft (max)	4.80/5.2 m
Date/Place Built	2007 / Malaysia
GRT/NRT	TBA
Class	ABS
Notation	A1 Offshore Support Vessel (DPS-1) ½ Fifi Vessel Class 1 + ABCU
Flag	Malaysian
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	300 tonnes
Clear Deck Area	260 m ² approx
Fuel Oil	700 m ³ approx
Lube Oil	6 m ³ approx
Fresh Water	300 m ³ approx
Drill Water/SWB	280 m ³ approx
Freezer	about -18 deg ⁰
Cooler	about +4 deg ⁰
Foam/Detergent	10 m ³ approx

DISCHARGE RATES

Fuel Oil	100 m ³ /hr @ 75 m head
Potable Water	80 m ³ /hr @ 75 m head
Drill Water	TBA

PROPULSION SYSTEM

Main Engines	MSD 2 X 2500 PS @ 750 rpm
Generators	2 x HSD 415/3/50 240 ~ 245Kw, 4 wire
Emergency	1 x 50 kw 415V/3/50 3 WIRE
Main Propulsion	2 x Azimuth fixed pitch 4 blade rotating nozzles. Joystick controlled
Bow Thruster	1 x FPP 8T RET
Anchors	2 x Bower Anchors 1440 kg 34mm Ø Grade 2 Stud link chains

OTHER EQUIPMENT

Water Maker (Option)	1 x RO type cap 5.0 t/day Oily Water Separator
	1 x 1 m ³ /hr x 2 kg/cm ³ Sewage Treat. Plant
	1 x Hamworthy MARPOL approved 28 person

LO Purifier	1 x 700 lts/hr
FO Purifier (Option)	1 x 2000 ltrs/hr

TOWING / ANCHOR HANDLING EQUIPMENT

Bollard Pull	50 tonne approx
Towing/Anchor Handling Winch	1 x Plimsoll Electric Hydraulic Waterfall type
Tow Drum	1000 m x 56 mm wire rope
Anchor Handling Drum	1000 m x 56 mm wire rope
Line Pull at 1st Layer	120 tons @ 5 m/min
Brake Capacity	185 tons for both drums

DECK EQUIPMENT

Capstan	2 x 5T x 0-15 m/min Plimsoll
Tugger Winch	2 x 10T x 0-15 m/min Plimsoll
Stern Roller	1.6m – 1.8m Ø x 4.2 m length (SWL 250t)
Anchor Windlass	3.0 tons @ 14m/min for 34 mm Ø U2 stud line chain
Shark Jaw	1 x hydraulic lock set jaws; SWL 250 tons
Tow Pins	2 x 125 tons SWL
Deck Crane	1 x knuckle boom 1.25t @ 6m, 3t @ 3m outreach

ACCOMMODATION (All cabins fully air-conditioned)

Crew	2 x 1 berth cabins 3 x 2 berth cabins 5 x 4 berth cabins
TOTAL	28 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
Speed Log	1 x IMO type
Gyro Compass	2 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 type
Inmarsat	1 x Inmarsat C
EPIRB	1 x McMurdo E3A
Autopilot	1 unit
DP System	DPS-1 + Joystick

FIRE FIGHTING EQUIPMENT

Fire Pump	1 x 1500 m ³ /hr @ 14 bar
Fire Monitor	2 x 600 m ³ /hr @ 12 bar,
Oil Dispersant System	Spray booms and detergent pump vessel water protection
Full Flooding	CO2 system in engine room (Internal)

LIFE SAVING EQUIPMENT

Search Lights	2 x 2,000 W halogen tungsten lights
Floodlights	5 x 1,000 W orange lights
Liferafts	2 x 20 men + 2 x 25 men inflatable type
Lifebuoys	10 pcs
Lifejackets	36 pcs SOLAS
Workvest	8 pcs
Rescue Boat	1 x 6 men semi-rigid c/w O/B 40HP

