

# OMS Quest



## PRINCIPAL PARTICULARS

Length O.A	48.00 M
Length WL	45.56 M
Beam	13.20 M
Depth	5.20 M
Designed Draft	4.20 M
GRT/NRT	1039/311
Year Built	2007
Builder	Sealink Shipyard, Miri
Classification	ABS
Notation:	Class 1 + Hull
Fflag:	Australian
Call Sign	VNW5996
Official No	858411

## PERFORMANCE

Maximum Speed	13 knots
Economical Speed	11.5 knots
Type of Fuel	Fuel Oil
Range	TBA

## CARGO CAPACITIES

Deadweight	680 t
Deck Cargo	200 t
Deck Strength	7.5 tons/m <sup>2</sup>
Clear Deck Area	225 m <sup>2</sup>
Fuel Oil	639m <sup>3</sup>
Lube Oil	6.26 m <sup>3</sup>
Fresh Water	205m <sup>3</sup>
Drill Water/SWB	90m <sup>2</sup>
Foam/Detergent	19m <sup>3</sup>

## DISCHARGE RATES

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

## PROPULSION SYSTEM

Main Engines	2 x 2575 BHP @ 1600 rpm Caterpillar
Gearbox	For CPP Ratio 7.455:1

Bow Thruster	5 mt thruster CPP motor driven
Wheelhouse Control	Fwd & aft control
Rudder	Independent
Generator	3 x 480 hp @ 1500 rpm
Emergency Generator	1 x 45 kW
Propellers	CPP 2650mm dia Berg
Anchors	2 x Stockless, 1440kg ea

## OTHER EQUIPMENT

Water Maker	
Oily Water Separator	1 x Georim 500 lt/hr @ 2kg/cm <sup>3</sup>
Sewage Treat Plant	1 x Il Seung (40 man)

## TOWING / ANCHOR HANDLING/ DECK EQUIPMENT

Bollard Pull	60t approx
Anchor Handling Winch	1 x Plimsoll waterfall type 150t
Tow Drum	1000 m x 56mm
Anchor Handling Drum	TBA
Brake Capacity	200t
Capstan	2 x 5T x 0.15m/min Plimsoll
Tugger Winch	2 x 10t x 0.15m/min Plimsoll
Stern Roller	SWL 150 T 4 m x 1.6m dia
Anchor Windlass	4.9t @ 11m/min Grade 2 stud line chain
Shark Jaw	Hydraulic 300 T, max 114mm dia
Deck Crane	2 x 6m reach

## ACCOMMODATION

Total	40 men
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## 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	2 x Furuno
GMDSS	1 x Furuno
Magnetic Compass	1 x Daiko Keiki
Navtex Receiver	1 x Hanshin
SART	2 x ACR Parthfinder
Portable VHF Radio	1 x JMC
Inmarsat	1 x Furuno c/w SSAS capability
EPIRB	1 x GME
AIS	1 X Furuno – FA-150

## FIRE FIGHTING EQUIPMENT

Fire Pump	2 x seawater @ 1500 m <sup>3</sup> /hr @ 14 bar
Fire Monitor	2 x handwheels. 1200 m <sup>3</sup> /hr
Oil Dispersant System	
Full Flooding	CO2 system in Engine Room

## LIFE SAVING EQUIPMENT

Search Lights	2 x 1000 w
Floodlights	6 x 500 w
Liferafts	4 x 20-men Fujikura
Lifebuoys	8 x Self igniting elect lights
Lifejackets	46 pcs
Rescue Boat	1 x Valiant c/w 25 BHP Solas approved

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