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MERMAID VIGILANCE

PSV/MULTI PURPOSE



PARTICULARS	
Vessel Type	PSV/Multi Purpose
IMO Number	9561239
Port of Registry	Singapore
Year Built	2009
Classification	A1, Fire fighting Class 1, Offshore Support Vessel, AMS, DPS 2
DETAILS	
Length Overall	70m
Breadth	16.6m
GRT-NRT	2418/725
Deadweight	2850 est
Depth Moulded	6.8m
Maximum draft	5.3m
Clear deck Space	560m ²
Deck loading	5t/m ²
Max Speed	11 kts
Economical speed	9 kts
Sewage Plant	Taiko Kikai, MARPOL compliant 50 persons
Joystick	Converteam
Flow metre	Fitted
CAPACITY	
Fuel Oil	767m ³
Potable Water	417m ³
Drill Water	699m ³
Oil Based Mud	495m ³
Brine	165m ³
Base Oil	155m ³
Dispersant	10.9m ³
Dry Bulk	230m ³ in 4 tanks
Foam	9.8m ³

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PUMPING RATES	
Fuel Oil	100m ³ /hr @ 80m head
Potable Water	100m ³ /hr @ 80m head
Drill Water	100m ³ /hr @ 80m head
Oil Based Mud	70m ³ /hr @ 80m head
Brine	70m ³ /hr @ 80m head
Base Oil	100m ³ /hr @ 80m head
Dispersant	25m ³ /min
MACHINERY	
Main Engines	2 x Niigata 6L268HLX, 4338 BHP total
Generators	4 x Volvo 16 MG HE, 630 BHP
Emergency Generators	Volvo D7A-T, 133 BHP
Bow Thruster	2 x Nakashina TCT 120, 500 BHP, 8.6y
Propulsion	2 x Niigata ASD ZP1, 2170 BHP
Water Maker	1 x 20m ³ Osmosis
ACCOMMODATION	
Berths	8x1, 7x2, 7x4
Total	50
FIRE FIGHTING	
Class	1
Monitors	1 x 1,200 m ³ /hr, 1 x 300-1,200m ³ / water/foam
Pumps	
DECK EQUIPMENT	
Tugger Winch	
Number & Capacity	2 x 10t SWL, Mnetrade
Wire Capacity	200m x 26mm
Other Deck Equipment	
Crane	1 x 5t, 1 x 1.5t Palfinger
Number and voltage of sockets	2 x 440v, 2 x 22v
LIFESAVING	
Liferafts	6 x 25 man
Lifejackets	54 SOLAS Approved
FRC/Rescue Boat/Davit	NORMAR Fast Rescue Boat & SOLAS Davit
Lifebuoys	8
Immersion Suits	3
SPECIALIST	
Rescue Zone	Fitted each side
DP Class	Class 2, Converteam
DGPS	2
Fanbeam	Cyscan
Dispersant Booms	2 x 6m

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Recovered Oil	170m ³ , 200m oil boom, 1 skimmer 8.3m ³ /hr
Moonpool	400mm moon tube
Waste Compactor	Fitted