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# JAYA VALIANT

PSV



PARTICULARS	
Vessel Type	Platform Supply Vessel
IMO Number	9693903
Port of Registry	Singapore
Year Built	2014
Classification	✳ A1, (E), Offshore Support Vessel (Supply - HNLS, FFV 1), SPS, ✳ AMS, ✳ ACCU, X DPS-2
DETAILS	
Length Overall	76.0m
Breadth	17.6m
Beam	17.6m
GRT-NRT	3,214/1,277
Deadweight	3,500t
Depth Main deck Midship	6.4m
Maximum draft	6.4m
BHP	8,000 (All Main Engines @ 100% MCR)
Cargo deck area	750m <sup>2</sup> @ 7.5t/m <sup>2</sup>
Deck loading	1100 MT
Max Speed	12kts
Sewage Plant	WCM BR-50 / 3780 Li/DAY
Joystick	Marine Technologies
Flow Meter	Fitted
CAPACITY	
Fuel Oil	1,128m <sup>3</sup>
Ballast/Drill Water	1,592m <sup>3</sup>
Dry Bulk Tanks	240m <sup>3</sup>
Fresh Water	768m <sup>3</sup>
Liquid Mud/Brine	778m <sup>3</sup>

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Base Oil/Methanol	179m <sup>3</sup>
<b>PUMPING RATES</b>	
Fuel Oil	2 x 100m <sup>3</sup> /hr @ 90m head (as per plate)
Drill water	2 x 200/60m <sup>3</sup> /hr @ 90m head (as per plate)
Dry bulk	2 x 20m <sup>3</sup> /hr @ 56m
Fresh water	1 x 100m <sup>3</sup> /hr @ 90m head
Liquid mud	2 x 75m <sup>3</sup> /hr @ 24 bar
Brine	2 x 75m <sup>3</sup> /hr @ 90m head
Base oil	1 x 75m <sup>3</sup> /hr @ 9.0m head
Methanol	1 x 75m <sup>3</sup> /hr @ 7.1m head
<b>MACHINERY</b>	
Main Engines	2 x MaK 9M25C 4,110 BHP
Generators	2 x Caterpillar 601kW
Emergency Generators	1 x 95 kW *C4.4 DITA*
Bow Thruster	680 kW Tunnel
Propulsion	2 x 3000 KW *MAK 9M25C*
<b>ACCOMMODATION</b>	
Berths	4x3, 2x10, 1x12
Total	44
<b>FIRE FIGHTING</b>	
Class	1
Monitors	2 x 1,200m <sup>3</sup> /hr
Pumps	2 x 65m <sup>3</sup> /hr
Extinguishers	2 FIFI (CLASS FFV 1)
Fire hoses	35
<b>DECK EQUIPMENT</b>	
<b>Tugger Winch</b>	
Number & Capacity	2 x 12t Electro-hydraulic
Wire Capacity	2 x 12 TONS
<b>Other Deck Equipment</b>	
Crane	1 x 5t Hydraulic foldable marine crane
Deck Voltage & Sockets	8 x 440V
<b>LIFESAVING</b>	
Liferafts	6 x 25 man
Lifejackets	65
Rescue Boat/FRC	1 x 9 man rigid inflatable type
Lifebuoys	16
Immersion Suits	58
<b>SPECIALIST</b>	
DP Class	CLASS 2 (MT Bridgemate DP 2 System)
DGPS	2 x C-NaviGator III

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Fanbeam/Cysan	N/A