

“Orion”

18.29 Metre Aluminium Crew/Survey Vessel

PRINCIPAL PARTICULARS

Classification	: USL 2C
Flag	: Australian
Port of Registry	: Fremantle
Year Built	: 1988
Where Built	: Geraldton
Length Overall	: 18.3 Metres
Breadth Moulded	: 5.00 Metres
Max Draft	: 1.50 metres
Gross Tonnage	: 30.00 Tonnes
Net Tonnage	: 15.00 Tonnes
Fuel Capacity	: 3.50 Tonnes
Fresh Water	: 2.5 Tonnes
Speed	: 21 Knots
Fuel Consumption	: 130 Litres Per hour (20 Knots)
LSA Certificate	: 30 Passengers (Sheltered Waters)
	: 18 Passenger (30 miles)
Deck Area	: 7.6m x 4.3m

MACHINERY & EQUIPMENT

Main Engines	: Two Scania DSI 14
	: 550 HP @ 1800 RPM
Genset	: Kubota Diesel x 2
	: 12 & 25 KVA
Propellers	: Two fixed blade
Gearboxes	: MCO
	: 2: 1 reduction ratio
Steering Gear	: Power Assist Hydraulic
Navigation	
Aids	: VHF & SSB Radios
	: Radar & Echo Sounder
	: GPS
Survey Mode	: Inbuilt transducer
	: Wet box for multibeam
	: Transducer (40 cm Diam)
Toilet	: Sullage Tank



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