



## OVERVIEW

Primary Specification		Machinery	
<b>Registry:</b>	AMSA	<b>Propulsion:</b>	N/A
<b>Class:</b>	USL 2B & 2D	<b>Main Engines:</b>	2 x Cummins QSK-19 448kW
<b>Official Number/Unique Identifier:</b>	2633	<b>Total Propulsion Power:</b>	N/A
<b>Length (Overall):</b>	34.95m	<b>Gear Box:</b>	N/A
<b>Breadth (Moulded):</b>	15.0m	<b>Generator:</b>	2 x 18KVA (3 phase)
<b>Depth (Moulded):</b>	3.0m	<b>Bow Thruster:</b>	4 x Keypower thrusters 120KW ea.
<b>Design Draft (lightship):</b>	1.7m	Operational Performance	
<b>Gross Registered Tonnage:</b>	467T	<b>Bollard Pull:</b>	N/A
<b>Max Draught Dredging Load Line:</b>	2.1m	<b>Max Sailing Speed Unloaded:</b>	N/A
<b>Vessel Weight (lightship):</b>	712T	<b>Max Sailing Speed Loaded:</b>	N/A
<b>Accommodation:</b>	N/A	<b>Consumption at Idle:</b>	20L/HR
		<b>Consumption Sailing:</b>	N/A
		<b>Consumption Dredging:</b>	130L/HR

The data on this specification is published in good faith and for general information purpose only. It does not warrant its accuracy or completeness and to the full extent allowed by law excludes liability.



## OVERVIEW

Tank capacities	
<b>Fuel:</b>	21.5m <sup>3</sup>
<b>Fresh Water:</b>	1.32m <sup>3</sup> & 1.0m <sup>3</sup> Desal
<b>Water Ballast:</b>	176.0m <sup>3</sup>
<b>Hydraulic Oil:</b>	0.6m <sup>3</sup>
<b>Lube Oil:</b>	0.6m <sup>3</sup>
<b>Waste Oil:</b>	2 x 1.32m <sup>3</sup>
<b>Sullage:</b>	3.0m <sup>3</sup>
<b>Fuel Tranfer Pump:</b>	1 x pneumatic Graco Diaphragm
Dredging Data	
<b>Excavator:</b>	Hitachi Super EX 1800-3
<b>Boom Length:</b>	8m main boom & Int Boom
<b>Stick Length:</b>	5m / 9m
<b>Max Dredging Depth:</b>	17m
<b>Bucket Capacity:</b>	1.5m <sup>3</sup> /3m <sup>3</sup> /4m <sup>3</sup> /6m <sup>3</sup>
<b>Hydraulic Grab Capacity:</b>	3m <sup>3</sup>
<b>Aft Spuds:</b>	2 @ 24m long / 1.2m dia.
<b>Fwd Spuds:</b>	1 @ 24m long / 1.2m dia.
<b>Spud Control:</b>	Hydraulically controlled via remote
<b>Jack Up Capacity</b>	100T
<b>Position, Height Control:</b>	GPS RTK Positioning

Navigational/Communications	
<b>Radar System:</b>	N/A
<b>Depth Sounder:</b>	N/A
<b>HF Radio:</b>	MF-HF JRC JSS2148
<b>VHF Radio:</b>	1 X ICOM 80
<b>Compass:</b>	N/A
<b>GPS:</b>	DGPS JRC JLR 7800
<b>Chart Plotter:</b>	N/A
<b>Auto Pilot:</b>	N/A
<b>AIS:</b>	Oceantalk AIS-700
<b>MMSI:</b>	503736000

Deck Machinery/Equipment	
<b>Anchor Windlass:</b>	6T Winch Emergency Anchor
<b>Deck Crane:</b>	FASSI F360XP .28 885kg@20.9m
<b>Tow Bridle Recovery Winch:</b>	6T Hydraulic Winch
<b>Capstan:</b>	N/A
<b>HPU:</b>	Perkins
<b>Office:</b>	20ft fitted out container
<b>Crib:</b>	20ft fitted out container
<b>Ablution:</b>	Mascerator Pump
<b>Workshop:</b>	10ft container



The data on this specification is published in good faith and for general information purpose only. It does not warrant its accuracy or completeness and to the full extent allowed by law excludes liability.