

# 'MV JEMSTAR'



- Bathymetric surveys
- Marine fauna observation
- Oceanographic studies
- ADAS Commercial Dive Capable
- Geophysical/site survey investigations
- Environmental water quality
- Sediment sampling and geotechnical
- Benthic habitat mapping

## Vessel Particulars

<b>Type</b>	Multi-Purpose Fast Work Boat	<b>Length</b>	8.00m
<b>Builder</b>	Gavin Mair / Bullet Welding, WA	<b>Breadth</b>	2.70m
<b>Year of Build</b>	2009	<b>Moulded Depth</b>	0.76m
<b>Registry</b>	M&H 6442	<b>Nominal Draft</b>	0.50m
<b>H.I.N</b>	AUBFWBBA18H909	<b>Hull Type</b>	Millennium Hard Chine Mono
<b>Class</b>	USL2C, 1 Crew, 5 PAX / USL2D, 1 Crew, 6 PAX	<b>Construction</b>	Aluminium
<b>Engines</b>	2x Mercury Verado – 200hp	<b>Speed</b>	32 knots full / 20 knots cruise

## Marine Safety Equipment

<b>VHF Radio</b>	Raymarine RAY49E +DSC	<b>Engine Management</b>	Smart Craft
<b>Compass</b>	Ritchie Magnetic	<b>Bilge Pump</b>	Rule 2000 x1
<b>Sounder</b>	Raymarine C120		Whale Gushers x2
<b>GPS</b>	Raymarine C120	<b>Life Raft</b>	1x 8 man
<b>Plotter</b>	Raymarine C120	<b>EPIRB</b>	406MKZ Unit GME MT400
<b>Satellite Phone</b>	Iridium	<b>Fire Fighting</b>	2000 LPH Deck Hose, 2x Dry Powder

## Custom Survey Equipment

<b>Multibeam Echosounder</b>	R2SONIC - SONIC2024	<b>Side Scan Sonar</b>	Edgetech 4200/4125
	SIMRAD Kongsberg - Geoswath Plus	<b>Current Profiler</b>	ADCP Workhorse Sentinel
<b>Singlebeam Echosounder</b>	ODOM Echotrac	<b>Water Quality Profiler</b>	SeaBird SBE-16Plus
<b>Positioning Systems</b>	POS MV & Hemisphere VS100	<b>Sound Velocity Profiler</b>	Valeport mini SVP
<b>Heading / Gyro Systems</b>	TSS Meridean & Hemisphere VS100	<b>Altimeter / Tide Gauge</b>	Tritech PA500
<b>Survey Software</b>	QINSy & HYPACK	<b>Shallow Coring System</b>	PM-SEDCORER1
<b>Motion Reference Unit</b>	TSS DMS-05	<b>Sediment Sampler</b>	Van Veen grab / Day Grab
<b>Overside Pole Mount</b>	BNH 2m Extension System	<b>Subsea Camera</b>	WP1 Towed Underwater Video
<b>Remotely Operated Vehicle</b>	Seabotix VLBV	<b>Crane</b>	100 kg rated slewing Jib Crane
<b>Capstans</b>	2x 6" 500 kg rated	<b>Main Winch</b>	1500W, 12" horizontal Hutton

