

## VESSEL PARTICULARS

### ESCAPE



#### GENERAL

<b>PRIMARY ROLES</b>	Marine Research, Survey, Liveboard Charters, Crew Transfer, Deck Cargo, Dive Support
<b>MAKE</b>	Global Marine Design
<b>MODEL</b>	Aluminium Monohull Utility / Dive Support Vessel
<b>LAUNCH / REFIT</b>	2000 / 2016
<b>OPERATING CLASS</b>	1B: 20 Total (16+4) 1C: 44 Total (40+4) 2B extended: Total 12
<b>CREW</b>	Min 2 (subject to area & task)
<b>STANDARD CREWING</b>	3, Master / Engineer, GPH & Cook / GPH
<b>FLAG / REGISTRATION</b>	Australia (AMSA regulated)
<b>IMO / UVI</b>	441873

#### DIMENSIONS

<b>LENGTH</b>	23.00 m
<b>BEAM</b>	6.5 m
<b>DRAFT</b>	1.4 m
<b>MOULDED DEPTH</b>	2.5 m
<b>LIGHTSHIP</b>	35 T
<b>MAX DISPLACEMENT</b>	60 T
<b>GRT</b>	N/A

PROPULSION	
MAIN ENGINES	2 x Yanmar 6HYM, 1000 kW combined
GEARBOX	Twin disc with Quickshift
PROPULSION	Twin Shaft, fixed blade propellers
BOW THRUSTER	Hydraulic 50 kW bow thruster
STEERING STATIONS	Total 2
PERFORMANCE	
MAX SPEED	19 Knots
ECONOMIC CRUISE SPEED	12 Knots
MAX RANGE	1,300 NM
BOLLARD PULL	10T *
FUEL CONSUMPTION	
ANCHOR	27L/hr
ECONOMIC CRUISE	12kn – 110L combined / hr
80% MAX SPEED	14kn – 150L combined / hr
100% MAX SPEED	24kn – 260L combined p/hr
NAVIGATION & COMMS	
RADAR	Garmin Solid State
PLOTTER	Time Zero Professional Navigator Software, Garmin Multiscreen Backup with Navionics
GPS	Garmin
COMPASS	Basic Gyro & Compass
AIS	B Class
RADIO	ICOM IC-M710 HF Radio, ICOM IC-M304 VHF Radio
SOUNDER STANDARD INSTALL	Garmin Multibeam with Structure Scan
AUTOPILOT	Furuno Auto Pilot
SATELLITE PHONE	N/A
GMDSS	Yes
INTERNET	Star link Global Marine Pack. Vessel wide WIFI, data options available on demand.
SECURITY	CCTV Remote Monitorable
TANK CAPACITIES	
FUEL CAPACITY	12,000 L Diesel
FRESH WATER	2,400L Bunkered, plus 3,000L /day desalinated
BLACKWATER	1,000L Bunkered, plus 1,000L/day MARPOL approved treatment plant



### POWER SYSTEMS

<b>AUXILLARY ENGINES</b>	2 x Perkins, 415v/240v output 45kVA ea
<b>DC POWER</b>	24v/12v
<b>POWER PROTECTION</b>	Surge protection available in Wheelhouse.

### DECK & LIFTING EQUIPMENT

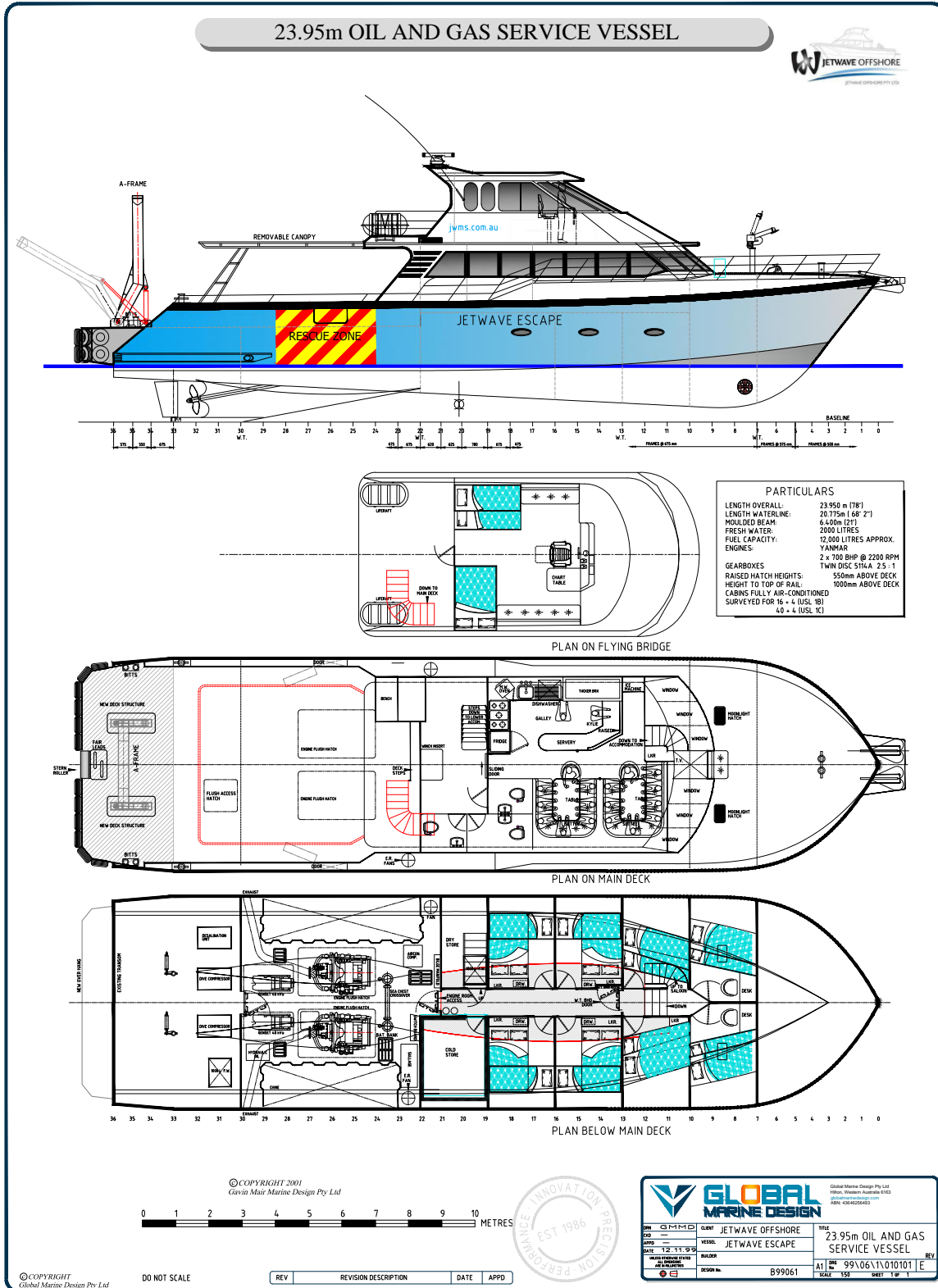
<b>DECK CARGO</b>	12T Deck Capacity, .t/m2 point load, 60 m2 clear space
<b>AFT DECK WINCH</b>	Hydraulic 3.5T Drum Winch, Side capstan
<b>TOW HOOK</b>	Optional
<b>CRANE</b>	Maxlift Cobra 5500, 2.5 ton at 2m and 600kg at 6m
<b>A FRAME</b>	2.5 T SWL luffing (optional)
<b>SURVEY CAPACITY</b>	2 x Mounting Brackets Transducer Arms
<b>FUEL BUNKERING</b>	Yes (limited)

### ACCOMMODATION

<b>BERTHS</b>	Total max o/night capacity 20, 4 cabins double & single bunk, 4 cabins with two singles, 2 Crew beds wheelhouse fully air-conditioned
<b>TOILET</b>	2
<b>SHOWER</b>	2
<b>AIRCONDITIONING</b>	Throughout
<b>GALLEY</b>	Full galley facilities including 5 burner hotplate, full oven and microwave
<b>COLD &amp; FROZEN</b>	1 x Fridge, 1 x Freezer, 12m3 Cool room, Additional deck storage optional if required.

<b>SAFETY GEAR</b>	
<b>FIRE SYSTEM</b>	Pyrogen Suppression all mechanical spaces. Monitored in all occupiable spaces.
<b>LIFERAFTS</b>	2 x 16man SOLAS
<b>STD TENDER/S</b>	Std 1 x 5.8m Achilles with 15hp. Additional available as required.
<b>SAFETY COMPLIANCE</b>	per AMSA, SOLAS & MCI required
<b>GENERAL AMENITIES</b>	
<b>LOUNGE / MESSSES</b>	1 with TV
<b>CLIENT WORKSTATIONS</b>	8+
<b>WORKSHOP / TECHNICIANS</b>	N/A
<b>LABORATORIES</b>	1+
<b>CLIENT OFFICES</b>	N/A
<b>MEETING ROOM</b>	N/A
<b>LAUNDRY</b>	1 Washer & 1 Dryer
<b>OPTIONAL SERVICES</b>	
<b>SCUBA EQUIPMENT</b>	Yes
<b>H.P. AIR COMPRESSOR</b>	Yes
<b>NITROX &amp; OTHER BREATHING GASES</b>	Yes
<b>DIVER PROPULSION VEHICLES</b>	Yes
<b>SCIENTIFIC MONITORING EQUIPMENT</b>	Yes
<b>SAMPLING EQUIPMENT</b>	Yes
<b>UW SURVEY EQUIPMENT</b>	Yes
<b>UNDERWATER DRONE</b>	Yes
<b>DIVE SUPPORT – RECREATIONAL, TECHNICAL &amp; COMMERCIAL</b>	Yes

# VESSEL DRAWINGS



## VESSEL PHOTOS

