

VESSEL PARTICULARS

TOANUI



GENERAL

PRIMARY ROLES	Cargo Transfer, Anchor & Buoy handling, Construction Support vessel, Marine Research, Survey, Liveaboard Charters, Crew Transfer, Dive Support. Towing Capable.
MAKE	RCM Design / Incat
MODEL	Aluminium Catamaran Utility Workboat
LAUNCH / REFIT	2009
OPERATING CLASS	Unlimited (12) & Australian Coastal (40+5)
CREW	Min 2 (subject to area & task)
STANDARD CREWING	4, Master, Engineer, GPH & Cook / GPH
FLAG / REGISTRATION	Cook Islands (International) Formally AMSA
IMO / UVI	8650136

DIMENSIONS

LENGTH	23.99 m
BEAM	8.0 m
DRAFT	1.8 m
MOULDED DEPTH	3.4 m
LIGHTSHIP	64 T
MAX DISPLACEMENT	140 T
GRT	165 T

PROPULSION	
MAIN ENGINES	2 x C32 Caterpillar, 1500kw combined
GEARBOX	Twin Disc MGX6599SC with Quick Shift
PROPULSION	Twin Shaft, fixed blade propellers
BOW THRUSTER	2 x Hydraulic 44 HP each
STEERING STATIONS	Total 4
PERFORMANCE	
MAX SPEED	24 Knots
ECONOMIC CRUISE SPEED	12 Knots
MAX RANGE	1,600 NM
BOLLARD PULL	15T *
FUEL CONSUMPTION	
ANCHOR	35L/hr
ECONOMIC CRUISE	12kn – 135L combined / hr
80% MAX SPEED	14kn – 220L combined / hr
100% MAX SPEED	24kn – 455L combined p/hr
NAVIGATION & COMMS	
RADAR	JRC JMA5210 72nm with ARPA Raymarine E120 48nm
PLOTTER	Time Zero Professional Navigator Software, Raymarine Backup
GPS	Raymarine E120
COMPASS	Basic Gyro & Compass
AIS	B Class
RADIO	4 X ICOM Handheld VHF
SOUNDER STANDARD INSTALL	JRC JU250 & Raymarine E120
AUTOPILOT	Simrad AP28
SATELLITE PHONE	Yes
GMDSS	Yes
INTERNET	Star link Global Marine Pack. Vessel wide WIFI, data options available on demand.
SECURITY	CCTV Remote Monitorable
TANK CAPACITIES	
FUEL CAPACITY	25,000 L Diesel
FRESH WATER	4,500L Bunkered, plus 4,000L /day desalinated
BLACKWATER	3,000L Bunkered, plus 2,000L/day MARPOL approved treatment plant



POWER SYSTEMS

AUXILLARY ENGINES	2 x Caterpillar C4.4, 415v/240v output 86KVA ea
DC POWER	24v/12v
POWER PROTECTION	Surge protection available in Wheelhouse

DECK & LIFTING EQUIPMENT

DECK CARGO	24 T Deck Capacity, 2 t/m2 point load, 90m2 clear space
AFT DECK WINCH	Hydraulic 6T WLL Drum Winch (optional) Capstan
TOW HOOK	Certified 15t remote release
CRANE	Helia 3.5t @ 2.85 M 1t @ 9.3M
A FRAME	2.5 T SWL luffing (optional)
SURVEY CAPACITY	Moonpool 1200 x 1200
FUEL BUNKERING	Yes

ACCOMMODATION

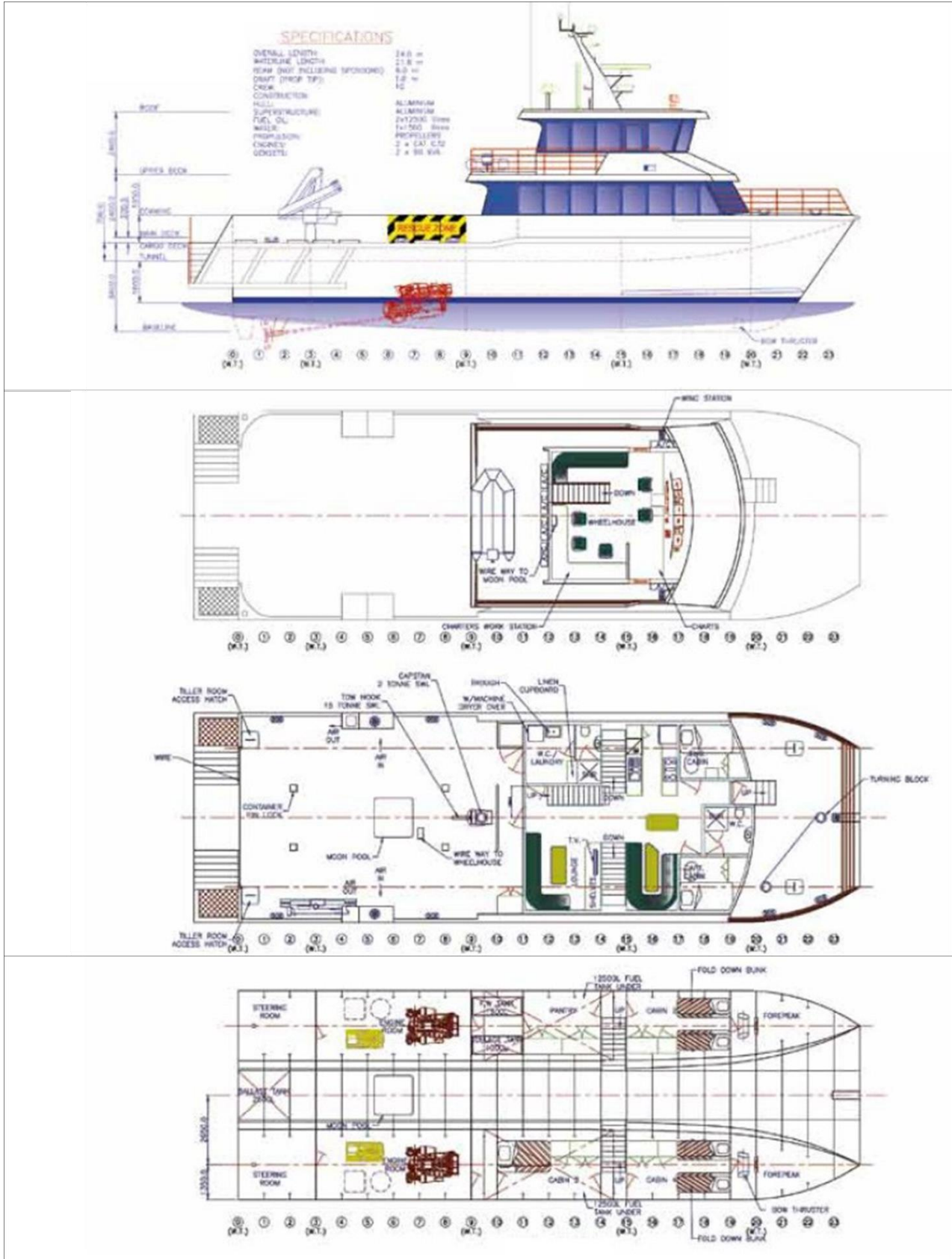
BERTHS	Total std 12 berths, 2 master cabins, 5 cabins, single bunks, fully air-conditioned, Removable module maybe fitted for additional capacity**
TOILET	3
SHOWER	2
AIRCONDITIONING	Throughout
GALLEY	Full galley facilities including 4 electric hotplate, full oven and microwave
COLD & FROZEN	2 x Fridge, 3 x Freezer, Additional deck storage optional if required.

SAFETY GEAR

FIRE SYSTEM	Thorn Monitor, FM200 auto suppression system
LIFERAFTS	2 x 25man SOLAS
STD TENDER/S	Std 1 x 5.8m Achilles with 15hp. Additional available as required.
SAFETY COMPLIANCE	per AMSA, SOLAS & MCI required

GENERAL AMENITIES	
LOUNGE / MESSES	2 (1 with TV)
CLIENT WORKSTATIONS	10+
WORKSHOP / TECHNICIANS	1
LABORATORIES	3+
CLIENT OFFICES	N/A
MEETING ROOM	N/A
LAUNDRY	1 Washer & 1 Dryer
OPTIONAL SERVICES	
SCUBA EQUIPMENT	Yes
H.P. AIR COMPRESSOR	Yes
NITROX & OTHER BREATHING GASES	Yes
DIVER PROPULSION VEHICLES	Yes
SCIENTIFIC MONITORING EQUIPMENT	Yes
SAMPLING EQUIPMENT	Yes
UW SURVEY EQUIPMENT	Yes
UNDERWATER DRONE	Yes
DIVE SUPPORT – RECREATIONAL, TECHNICAL & COMMERCIAL	Yes

VESSEL DRAWINGS



VESSEL PHOTOS

