

VESSEL PARTICULARS

TOANUI



MAIN PARTICULARS

NAME	Toanui
MAKE	Aluminium
MODEL	Catamaran
MAIN ENGINES	2 x C32 Caterpillar 1421HP
GEAR BOX	2 x Twin Disc MGX6599SC with Quick Shift
PROPELLOR	2 x Mikado five blade
GENERATOR	2 x Caterpillar 86 Kva
BOW THRUSTER	2 x Hydraulic 44 HP
CAPABILITIES	Deck cargo, anchor handling, construction vessel, Research, Charters, Liveboard, Crew Transfer, Deck Cargo, Dive Support

PRINCIPAL PARTICULARS

LENGTH OVERALL	24.6 m
BREADTH (MLD)	8.0 m
DRAFT	1.8 m
GRT	165 T (NET 115 T)
CLASS	1B: 36 Total (32+4)
CREW	4
SPEED (MAX)	28 Knots
SPEED (OPERATING)	22 Knots



PRINCIPAL PARTICULARS continued

CARGO	24 T
DECK	10 x 7.5M
BOLLARD PULL	15 T
FUEL	25,000L
WATER	4,500L plus 6,000L p/day desalinator
BLACK WATER	3,000L plus 2,000L p/day MARPOL approved treatment plant
POWER	2 x 86Kva Gensets 415 V 50 Hz 3 phase 2 x 32-amp reefer outlets
CRANE	Helia 3.5 tonnes @ 2.85 M; 1 T @ 9.3M
CAPSTAN	2 T
MOONPOOL	1.2 x 1.2m
TOW HOOK	Mampaey 15 T with remote release
WINCH	5 T WLL (optional)
A FRAME	2.5 T WLL luffing (optional)
ACCOMMODATION	Total 12 berths in 5 cabins, fully air-conditioned; 12 persons overnight; TV and DVD in main saloon and each cabin; Commercial galley and pantry with 3 x freezers and 2 fridges, filtered chilled water and ice; 2 x toilets and showers, washer and dryer, wet room



PRINCIPAL PARTICULARS continued

RADAR	JRC JMA5210 72nm with ARPA Raymarine E120 48nm
PLOTTER	Sewia C-Map, Raymarine E120 Navionics Charts, Raymarine Raytech
GPS	JRC x 2, Raymarine E120
AIS	JRC
SOUNDER	JRC JU250, Raymarine E120
GMDSS	JRC JUE85 Sat C JRC JMS 770S VHF JRC JSB 196GM HF Icom handheld GMDSS VHF
COMMUNICATIONS	JRC JUE250 Fleet Broadband Iridium Openport 3 Lines, Next G 3 x Icom handheld VHF Intercom to all cabins, engine room and bridge Wireless Internet Colour Cameras to working deck, engine rooms
AUTOPILOT	Simrad AP28
SEARCHLIGHT	Colorlight remote with UV light
NIGHT VISION	Flir with remote control
COMPASS	Sunto
FIRE SYSTEM	Thorn Monitor, FM200 auto suppression system
EPIRB	McMurdo 406
LIFERAFTS	2 x 25man RFD SOLAS
MEDICAL	Full medical locker and rescue stretcher
RESCUE BOAT	Narwhall SV400 SOLAS

VESSEL DRAWINGS

