



Riverside Guardian

Build	2015 New Zealand
Classification	NSCV 2B – Lloyds Register 100A1 SSC Workboat Catamaran G4
Overall Length	32.82m
Breadth	11.04m
Draft (Lightship)	2m
Deck Area	140m ²
Deck Strength	2.5T/m ²
Deck Crane	Palfinger 32002M 9.43T @ 2.5m, 1.75T @ 13.7m
A Frame	20T SWL @ 3.2m
Mooring System	Anchors, 2 x Fwd – 22mm x 700m,
Moon Pool	1100mm x 1140mm
Sonar Tubes	2 x Hull Mounted, Port and Starboard
Dynamic Positioning	NAVIS 4000 DP 1 System (DNV-GL), Twin DGPS Reference System
Maximum Speed	10 knots
Cruising Speed	9 knots
Fuel Consumption	140 L/hr @ 10 knots 110 L/hr @ 9 knots 50 L/hr @ 6 knots
Range	3044 nm @ 9 knots with 30% reserve
Main Engines	2 x Caterpillar C18 715HP each
Main Propulsion	Fixed Propellers, Twin Conventional Shaft
Thruster Engine	1 x C18, 715HP
Thrusters	2 x Electric Bow Thrusters, 150HP each 2 x Electric Aft Thrusters, 150HP each
Power Generation	3 x Caterpillar Generators, 2 x C7.1 @ 179kVA, 1 x C9 @ 200kVA
MGO	57,000L @ 95%
Potable Water / Grey Water	Potable Water - 2 x 7000L Grey Water - 2 x 3500L Black Water - 2 x 3500L
Desalination	6,912 L / 24hrs
Berths	28 Berths – 14 x 2 Air-Conditioned Cabins
Galley	24 Seat Galley
Toilets & Showers	7 Toilets, 7 Showers
Offices	1 Client Office, 1 Dedicated First Aid Room
Potential Work Scopes	Survey operations, marine research operations, ROV operations, dive support, crew transfer, cargo services



