

## COASTAL OBSERVER

SCANWELL 10M MULTI-ROLE WORKBOAT / SURVEY CATAMARAN



The vessel has been designed and built to be as versatile as possible and capable of multi role operations from harbour workboat to coastal survey operations. Integrated winches, tilting a-frame, side pole mount, davit and WASSP multibeam sonar coupled to 31m<sup>3</sup> working deck area defy the vessels length and commercially continuously rated machinery ensure low operational costs and maximum reliability.

### GENERAL

Builder	Diverse Marine, Cowes
Design	Chartwell Marine, Southampton
Year of Build	2019
Year of Certification	2020
Construction Material	Aluminium
Classification	MCA Workboat Code Cat 2 Unique No. C19WB0091215
Registration	MCA Part 1, Cowes, ON 924584 GT 15.39
Call Sign	MGIQ9

## DIMENSIONS

Length Overall	10.1m
Beam Overall	5.73m
Depth Amidships	3.26m
Draught Amidships Max	1.187m
Lightship Displacement	15.63T
Maximum Displacement	21.2T
Deadweight	5.57T
Cargo Area	31m <sup>2</sup>
Deck Load	1.5T/m <sup>2</sup>
Crew	2
Industrial Personnel	12

## TANK CAPACITIES

Marine Gas Oil	2.12m <sup>3</sup>
Fresh Water	0.05m <sup>3</sup>
Black Water	0.04m <sup>3</sup>
Hydraulic Oil	0.23m <sup>3</sup>

## PROPULSION

Main Engines	2 x Volvo Penta D7A TA
Installed Power	348kW
Gearboxes	2 x ZF280-1A 2:1
Propulsion	2 x Fixed Pitch Propeller
Speed	11.5 kts
Steering	Hypro Constant Running

## ELECTRICAL EQUIPMENT

Network	24v DC, 230V 50Hz AC
Generator Sets	1 x NANNI QMS7.5M 7.5kW

## DECK EQUIPMENT

Anchor	2 x 30kg Bruce Anchors
Deck Winch	Hercules 5T c/w 400m 8mm Dynema
Deck Hauler	Hercules 1T 8-12mm Line
A-Frame	Hydraulic Tilt 2T
A-Frame Landing Winch	Hercules 1T c/w 150m 6mm Dynema
Side Pole	Hinged & Secured Low Wake Oval
Davit	220kg
Bow Fender	150mm Rubber 'D' Fender
Side Fender	Aluminium 200mm Half 'D'
Pressure Washer	150 bar, Hydraulic, 30l/min SW
Rollers	Stern Chain/Warp Roller

## FIRE FIGHTING

Engine Space	HFC Auto Extinguishers
Loose Extinguishers	Class/Flag Requirements

## ACCOMMODATION

Below Deck	<p>Port Side - Galley</p> <ul style="list-style-type: none"> <li>240v Microwave</li> <li>240V Ceramic Hob</li> <li>24V/240V Fridge</li> <li>Sink (Cold only)</li> </ul> <p>Stbd Side - Heads</p> <ul style="list-style-type: none"> <li>Manual Flush Toilet</li> <li>Sink (Cold only)</li> </ul>
Wheelhouse	<p>5 x Pilot Suspension Seats</p> <p>2 x Survey Desks</p> <p>Air Conditioning</p> <p>Window Heater Blowers</p>
Air Conditioning	Dometic Air Cooled
Heating	Oil Filled Radiator & Window Blowers

NAVIGATION & COMMUNICATION	
Main Radar	Furuno DRS4D-NXT Radome
Electronic Chart	Furuno Maxsea TZ Professional
Sonar	Furuno F3i WASSP Multibeam
Displays	3 x Neovo 19"
DGPS	Furuno GP39
AIS	Furuno FA50 Class B
Compass	Plastimo Magnetic
Communication	1 x Icom M93
	1 x Raymarine Ray50
Autopilot	Furuno NavPilot 711C
External communication	GMDSSA2
Weather system	1x

