



General Characteristics	
Vessel Name	CRC SENTINEL DSV
MMSI	235083968
Call Sign	2ECN8
Coding	MCA Category 2 - 60nm Offshore day & night Stability booklet
IMCA	CMID Registered
MLC	Compliant
Vessel Capacity	12 PAX + 3 crew / 1,500kg payload

Vessel Specification	
Manufacturer	Alicat Workboats
Hull Material	Aluminium
LOA	19.0m
Beam	7.4m
Draft	1.2m
Tonnage	43,240kg approx.
Bollard Pull	5,000kg approx.
Machinery	2 x MAN D2862 - V12 1200HP 2 x Rolls Royce FF500 waterjets 2x Cummins Onan 13.5kVa / 230V
Lifting	1x Bonfiglioli P7200 L2 920kg @ 7m
Fuel - Oils	Diesel 2 x 2,500L
Speed: Cruise / Max	22 / 29kts
Fuel Burn	400ltrs PH Combined @ 21kts
Max wave height	2.5m Significant
Bow Dimensions	Width - 4.3m Height from waterline - 2.4m
Anchoring	Hercules Hydraulics 4-point spread 4 x winches with auto brakes 4 x 200kg anchors 4x 450m Dyneema / 27m Chain Bridge hydraulics control panel

Diving System - IMCA DO23 Compliant	
Air & Nitrox Fixed Dive Spread	1 x 2 Diver Air Panel
	1 x 2 Diver Nitrox Panel
	1 x 1 Diver Stand-by Panel
	4 x Greisinger O2 Analysers
Subsea Video & Data Recording	1 x Greisinger O2 Sensor
	1 x AXSUB AxVIEW 3V-RM Recording System
	1 x AXSUB Blackbox Recording System
	1 x Rackmount TouchPanel 17" Display 1TB HDD
Communications	2 x 19" Full LED HD Monitors
	1 x C-Tecnic C-Phone 4R 4 Channel System
	1 x C-Tecnic Premium Tenders Dive Supervisor Headset
	1 x APC Smart-UPS SRT 2700 Watt / 3000VA
Power Backup	Built-in Automatic Bypass Switch
	Run Time at Full Load - 10m 29s
Cameras, Lamps & Helmets	3 x AXSUB AxSEE 57i SMART Cameras with Depth Meter
	1 x Hikvision Vessel CCTV Monitor (at Dive Station)
	3x AXSUB AxLIGHT 35 LED Lamps (2,800 Lux @ 1m)
	8 x AXSUB Helmet Bracket Kits for 35mm & 57mm Housings
Umbilicals	3 x Fibroline 125m Umbilicals
	4 Core - Air, Pneumo, Comms, Mini TV
Cylinders	Air - 6x 200 Bar 50L Primary + 1x Secondary
	Nitrox - 8x 300 Bar 45L Primary + 1x Secondary
HP Compressor	Standby Diver (Air) - 1x Primary + 1x Secondary
	1 x Coltri MCH11EM 300 Bar / 200ltrs per min
Launch & Recovery	Auto Control System
	Maxifilter Purification System
Welfare	Bespoke Dive Platform and Ladder
	Floodlit and CCTV Monitored
	Emergency Rescue Davit
	4x Single Berth Crew Quarters
	Full Galley Services - Hot / Cold Water, Microwave, Hob
	Heads, Basin & Shower

