

## R.V. Callista Information

### Safety Information

Lifejackets will be supplied and are to be worn as directed by the crew.

### Technical Specification

Length Overall	19.75m	Beam	7.40m
Freeboard	1.70m	Draught	1.80m
Max Speed	14kts	Cruising Speed	10-12kts
Range	400nm		

### Certification

UK Class IV Passenger Vessel-max 36 passengers  
Workboat Category 2, 60mls from safe haven-max 12 passengers

### Deck

Stern A Frame & Winch – 4 tonne, 3.5m max height, 150m cable (3 tonne)  
Side davit – 200kg  
Capstan – 1.5 tonne  
Knuckle boom crane – 1.13 tonne @3.5m, 780kg @ 5.3m  
4.5m RIB with outboard motor  
1m x 1m grid equipment bolt down fittings on rear deck  
Hydraulic platform (starboard side) – 150kg  
Fold down platform, transom to port side  
Moonpool with catch tank and sieve  
Diving facilities – kit bench, rear deck washdown shower

### Power

240 V AC throughout (rear deck 16A & 32A sockets)  
415V, 32A 3 phase (rear deck socket x1)

### Ship Equipment

Combined DGPS receiver/chart plotter/RADAR/echo sounder with 38/200kHz transducer  
Ultrasonic log  
Heading sensor  
Autopilot, with bow thruster interface  
DSC VHF class D x 2  
GMDSS handheld VHF x 2  
Wind sensor  
Data repeaters in wet and dry labs to display position, water depth, wind  
Magnetic compass  
Transas miniECDIS navigation system  
CCTV

### Scientific Equipment

Hull mounted RDI Workhorse ACDP, 600kHz  
Seabird SBE19V2 plus CTD with additional instruments to measure PAR, turbidity, chlorophyll, light transmittance and SBE32 water sampling Carousel  
Minibat M-FC-60 equipped with AML CTD with dissolved oxygen, PAR, turbidity, chlorophyll  
Aanderaa SooGuard surface water flow through system with dissolved oxygen, conductivity, hull temp and chlorophyll sensors

Meteorological and motion sensors:

Sonic anemometer, psychrometer, solarimeter, LW radiation, PAR, optical rain gauge, pitch & roll

Other scientific, survey and sampling equipment can be provided