R.V. Callista Information

Safety Information

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

Technical Specification

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<table>
<thead>
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<tbody>
<tr>
<td>Length Overall</td>
<td>19.75m</td>
<td>Beam</td>
<td>7.40m</td>
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<tr>
<td>Freeboard</td>
<td>1.70m</td>
<td>Draught</td>
<td>1.80m</td>
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<tr>
<td>Max Speed</td>
<td>14kts</td>
<td>Cruising Speed</td>
<td>10-12kts</td>
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<tr>
<td>Range</td>
<td>400nm</td>
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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

Meterological and motion sensors:
Sonic anenometer, psychrometer, solarimeter, LW radiation, PAR, optical rain gauge, pitch & roll

Other scientific, survey and sampling equipment can be provided