



Specification sheet *RV Calanus*



Dimensions

- Length 65' (overall); 61' (waterline)
- Beam: 22'
- Working draft: 10' (full fuel + water + 3 tonnes equipment)

Operations

Calanus has a maximum passage speed of 9 knots and an endurance of 8 days based on a normal 12 hour working day.

Working equipment

- Hydraulic stem gantry - SWL 3 tonnes
- Hydraulic trawl winch with 2 x 500m, 13mm wires
- Atlas hydraulic crane - SWL 1 tonne (at 5m extention)
- CTD winch - SWL 0.3 tonnes - 300m x 8mm dia conducting CTD cable (connected through to lab)

Anchoring arrangements: Forward windlass with small anchor and spare. 150 kg anchor attached to main warp for aft anchoring

Aft working deck (wood) 4m x 3m approx clear deck with opening gates in transom (open width of 3.3m). Working space aft of bridge (steel) 4m x 2m approx clear deck. An electric/hydraulic winch is available, which can be fitted to the after deck providing a 500m fibre/electrical cable for various

underwater applications. This winch is capable of running on other ships having a 240V 50Hz 30kCA electricity supply.

Engine and power

Propulsion is provided by a Kelvin diesel engine delivering 280 s.h.p. at 1200 r.p.m. driving a variable pitch propeller. The ships electrical power is supplied by a John Deere diesel generating set producing 240V 50Hz single phase 45kVA.

Navigational and communication equipment

- Automatic Identification System
- Magnetic compass
- 2 Furuno DGPS systems
- Racal Decca 180/4 Bridgemaster Radar
- Furuno radar
- Simrad EL Echo Sounder Transducer frequency 38kHz
- RMC dual frequency, colour echo sounder - transducer frequencies 50kHz & 200kHz
- Sailor VHF Type RT144B
- Sailor MF/SSB Radio
- Cellular phone
- Euronav computer chart system
- The bridge is also equipped with closed circuit television viewing the aft working deck
- Communication to all working areas by Barkway talkback