



Trinity House



THV Alert – Specification

Port of Registry London
Year Built 2005
Call Sign MLPH9

Length Overall 39.3m
Breadth Moulded 8.0m
Depth Moulded 4.0m
Draft 2.7m
Air Draft 18.0m

Maximum Speed 17kts
Service Speed 12kts
Fuel Consumption at 12 kts 360ltrs/hr

Bunker Capacity 42t
Fresh Water 12t

Endurance 1,500nm @ 15kts
3,000nm @ 12kts
5 days working on site

Bollard Pull 28t

PROPULSION – MACHINERY

Main Engines –
2 x Caterpillar Diesel 1492 kW
@ 1600 RPM

Auxiliary Generators –
2 Caterpillar C90 Diesel 155 kW
@ 1620 RPM

Bow Thruster –
HRP 155kW @ 1620 RPM

Propellers –
2 Kamewa variable pitch 50 XF5/4

DYNAMIC POSITIONING SYSTEM

Kongsberg C-Pos (IMO DP Class 1)

WORKBOAT

RIB 5.4m 50hp

CRANES

Palfinger knuckle boom –
3.5t @ 10m
2.2t @ 15m
Winch 3.3t SWL

CHAIN / TOWING WINCH

Chain Capacity 100m x 38mm
Max pull 40t

DECK FACILITIES

Main Deck Area – 88m²
2 x ISO 10' Container Lock
Down matrix
Electrical Power – 230V and
400V Supplies
Pressure Wash – 350bar/5000psi

Through Hull Instrument Tube –
0.6m diameter

Hold – Storage & workshop

ACCOMMODATION

Single Cabins: 2
Twin Cabins (Bunks): 4
Crew: 6
Spare Berths: 4
Mess Room: 1
Changing Room: 1
Showers: 2
Toilets: 3

HYDROGRAPHIC SURVEY

Multi beam E/S – Kongsberg Simrad
EM 3002D

Echo Sounder – Kongsberg Simrad
EA 400

PosMV 320 V4

SVP – Valeport Modus (Fixed Unit)

SVP – OSIL Smart AML

Tide Gauge – Kongsberg TD304

Sonar – Simrad SL 30/35

Side Scan – Simrad GeoAcoustics

COMMUNICATION

GMDSS Area 2

Satcoms – Sat-C H2095C,

Iridium – Sailor ST4110

MF/HF SSB – R/T DSC Sailor CU5100

Navtex Rx – Furuno NX700

VHF R/T DSC – 2 x Sailor RT4822

VHF – Sailor RT2048

Internet Access – all cabins

NAVIGATION EQUIPMENT

ECDIS/NAV – F/AIS-R4

Radars –

Decca Bridge Master E250 S Band

Decca Bridge Master E250 X Band

Dual-Axis Speed Log – Consilium
SAL SD4-2

DGPS – 2 x Litton Marine LMX 420

Gyro Compass – Sperry Navigat
Fibre Optic

TMC Magnetic Compass –
Sperry Navipol 1

Auto Pilot – Sperry NaviPilot 4000 I

Echo Sounder – Sperry ES 5100-01

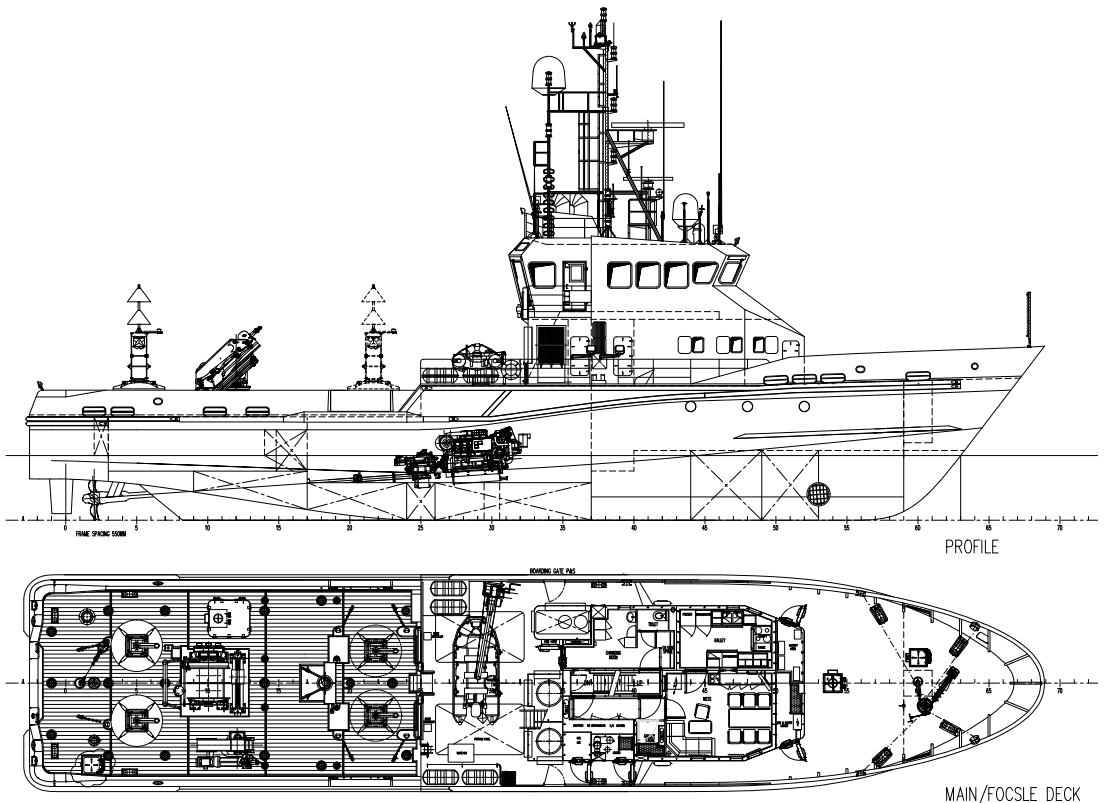


THV Alert Specification

Trinity House's Rapid Intervention Vessel (RIV), ALERT, has been designed with buoy handling, wreck marking, towing, multibeam and side scan hydrographic surveying capability. With DP1, high specification survey equipment and a maximum speed of 17 knots, ALERT is deployed primarily to cover the southeast coast where she can respond rapidly to any maritime incident. In addition, with her large working deck and 0.6m diameter through hull instrument tube, she is an ideal research platform for deployment of scientific equipment and sampling work. Available 24/7 with accommodation for an additional 4 people, ALERT can be utilised for a wide range of projects at very competitive rates.

Build Standard

Lloyds Register *100 A1 SSC Workboat G4* Lloyds Machinery Certificate, Unmanned Machinery Space Certificate, Machinery Condition Maintenance, Lloyds Environmental Policy, Lifting Appliance and Dynamic Positioning to CM Standard. Complies with requirements for UK MCA Class V111 vessel.



Trinity House

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