



Forth Sentinel

General Information
Principal dimension: 28.25m x 9.50m x 2.490m
Overall breadth including fender: 9.50m
Draught: 2.10m (light ship cond) 2.38m (normal service cond) 2.50m (loaded)
Air draft: Approx 15.0m with mast
Propulsion: Twin screw, 3 blade pitch props, diameter 1500m/m
Tonnage: Gross 235T, Nett 70T shipment weight (light ship), Deadweight 201.12T, Displacement 452T
Total fuel consumption: 180 litres/hour (full load condition), 110 litres/hour (average serv cond 60%), 12 litres/hour (at stand-by condition)
Free deck space 40m ²

Main Equipment
Main Engines: x 2 Caterpillar 3412
Total output main engines: 806kW - 1080 hp
Gearboxes: Reintjes type WAF 360 port no. 55620 / starboard no. 55619
Static bollard pull: 14T
Free running speed: 9.5 knots
Generators: Main generator Caterpillar 3406 b Harbour set-lister dbr, four cylinder bow thrusters engine 3306 b (210hp)
Class notation waters Lloyds Register + 100A1 + Tug Coastal
Anchor handling winch forward: P = 20T at low speed (max cap)
V = 2.0m/min at low speed brake force 25T Drum cap(I) 24mm wire x 15m length
Towing Gear: Large seahorse centreline aft
Anchor handling roller: Width 0.5m diameter 800mm SWL bow roller 20T
Tugger winches: 2 x 10T SWL positioned on deck fwd of wheelhouse. Wire capacity 50m x 32mm diameter.
Plough winches: 2 x 2.5T winches aft of wheelhouse. Wire capacity 100m x 32mm.
Hydraulic crane: 1 x Effer Knuckleboom crane. Max reach from crane centre 9.25m.

