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Ship Name: THE FORMER HM CUSTOMS CUTTER SENTINEL

Where lying: PORTSMOUTH UK



For illustration only

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General information

Name:	HMCC SENTINEL Vosper Thorneycroft (UK) Ltd Porchester
Builder:	Vosper Thorneycroft (UK) Ltd, Porchester
Commissioned	December 1993.
Status	Laid up

General Characteristics

Construction	Steel hull, of round bilge, semi-displacement high speed form with aluminium alloy superstructure (and aluminium alloy engine removal hatches in the main deck).
Displacements	172 Tonnes
Length overall (LOA):	36.40 Metres (33.75 not including the water jet and its guard)
Length waterline (LWL)	31.50 Metres
Beam overall	7.50 Metres
Draught:	2.50 Metres

Propulsion

Main Engines	Main Engines Twin Caterpillar 3616B Marine Diesel Engines. Rated output 1039 bkW @ 1800 RPM each (total 3878 bkW). These engines were fitted new in September 2002
Loiter Propulsion	One Rolls Royce (Perkins) CV8M 600T, Marine Diesel Engine, rated output 585 bhp @ 2,100 rpm driving a PP Model 210 water jet or via trolling facility on main gearbox.
Slow Speed Manoeuvrability	Good with differential engine control, water jet loiter drive and bow thruster available
Bow Thruster	Bottom retractable, hydraulic driven Vosper Thorneycroft Model VT40R
Stabilizers	Active hydraulic stabilizers
Speeds:	26.6 Knots (continuous transit speed) 15 Knots (cruising speed) 0 – 9 Knots (water jet propulsion: loiter speed range) 1 – 8 Knots (trolling, propeller loiter speed range)
Ranges:	2,300 NM (8 days @ 12 Knots, both shafts running) 2,800 NM (13 days @ 9 Knots, single shaft operation)
Fuel	35,000 Litres
Fresh Water	8,000 Litres
Crew	12 (Commander + Chief Engineer + 10)
Accommodation	17 (5 single berth and 6 double berth cabins)
Boarding Boat	Fresh Water 8,000 Litres 6.50 Metre DELTA 650X with an inboard diesel stern leg drive; Can be launched and recovered underway in moderate sea conditions by a VEST single point hydraulic davit. This RHIB fitted new in 2007

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Ancillary Equipment

Radar (x2)	
VHF/HF/MF Radio	
SAT M	
SAT C	
NAVTEX	
Barometer	
Gyro Repeaters (x3)	
Gyro Compass	
ECDIS	Fitted for but not with
EPIRB	Will require re-programming
SART	Will require re-programming
GMDSS	
DGPS	
CCTV	