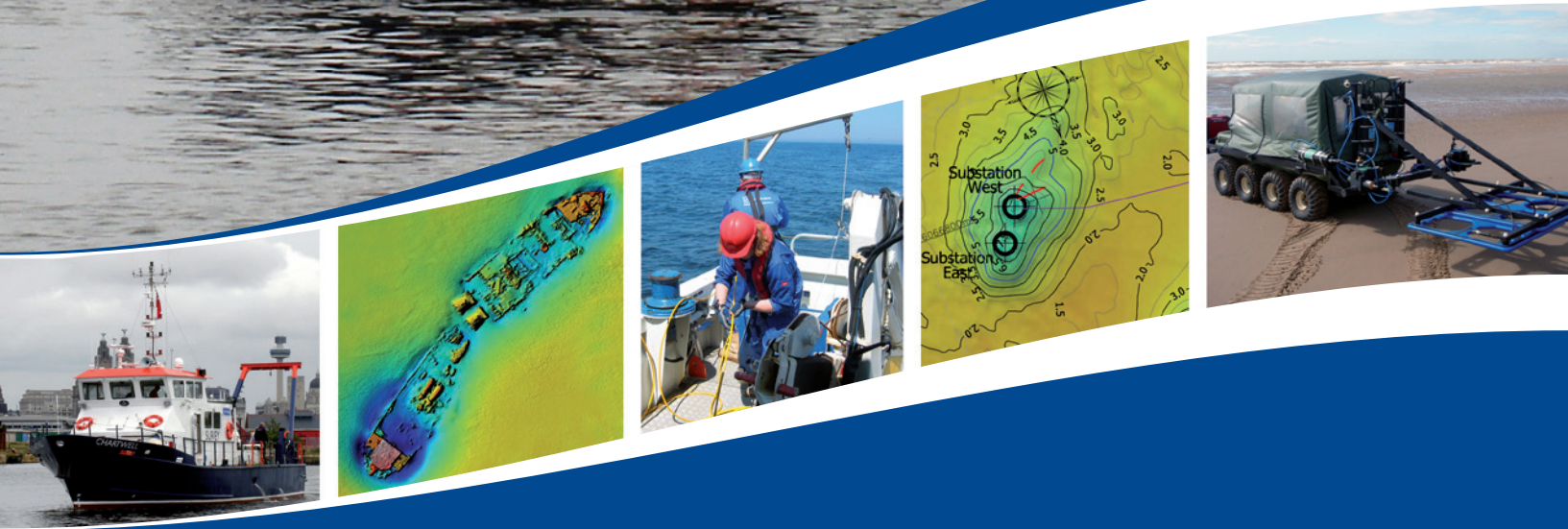


Survey Vessel Chartwell




SV Chartwell is a 26.6m purpose built steel hulled survey vessel with aluminium superstructure. Chartwell provides comfortable 24 hour accommodation for nine people in three twin and three single cabins with an endurance of up to five days. The vessel is fitted with a series of custom transducer mounts, a hydraulic “A” frame, hydraulic crane and sonar winches. The vessel provides a cruising speed of 15 knots and is fitted with a powerful hydraulic bow thruster for increased manoeuvrability.



OSIRIS PROJECTS

SEABED MAPPING & COASTAL SURVEY

Builder:	McTay Marine Limited – Wirral.	
Launched:	Originally launched in 1989 and completely re-fitted in 2009.	
Length:	26.60 Metres	
Beam:	5.90 Metres	
Draught:	2.10 Metres	
Tonnage:	106 GT	
Cruising Speed:	15 Knots (primary propulsion)	
Survey Speed:	0 to 8 Knots (secondary propulsion)	
Fuel Capacity:	10 Tonnes	
Fresh Water:	2.2 Tonnes	
Range:	750 nautical miles	
Operating Code:	MCA SCV Category 1 (150 miles from safe haven)	
Flag:	British	
Main Engines:	2 x MAN D2842 LE401 800h.p. rated continuous duty marine diesels with ZF 2000A hydraulic gearboxes driving conventional shafts and fixed-pitch propellers.	
Secondary Propulsion:	Volvo Penta TAM D122A 380h.p. rated continuous duty marine diesel driving PP170 water jet unit.	
Bow Thruster:	Hydraulic 50 h.p. bow thruster with full proportional control.	
A Frame:	6m clear lift from deck with 1000kg safe working load.	
Access Platform:	Stern platform 1.5m x 4.5m approximately 1.0m above water level for easy deployment and recovery of towfish and other deployed equipment.	
Sonar Winch:	Hydraulic side scan sonar winch with remote control, Focal slip rings and electronic level wind. Capacity of 500m - 8mm armoured sonar cable. 1000kg line pull with 50m/min recovery speed.	
Deck Crane:	4 Tonne/m hydraulic crane with integrated winch.	
Bridge:	Modern fully instrumented bridge with Furuno NavNet systems including dual radar, dGPS chart plotter, AIS, dGPS gyro, Navtex, weather station, autopilot and dual frequency echo sounder.	
Communications:	Furuno Fleet Broadband satellite communications for voice, e-mail and internet. Wireless broadband facility and mobile broadband connectivity within mobile phone range. PC network and wireless network for both survey data and internet access. Networked camera system with 4 deck cameras and 5 internal cameras.	
Survey Lab:	Dedicated online survey lab with computer racking, power points, network points, dedicated UPS units and workbenches.	
Accommodation:	Three twin cabins and three single cabins providing accommodation for a maximum of 9 people. Toilet on the main deck with a separate toilet and shower room / wet room below. Mess room with TV and fully equipped galley with seating for 6. Laundry facilities and provisions for approximately 5 days at sea.	