

5. Navigation & C4I	5.4	Outputs	The communications system shall include noise-cancelling headsets in all 6 seated positions, plus 1 x loud speaker with fist microphone on the console.	TS5.3 & TS6.4	Console speaker and fist microphone can be accessed by coxswain and navigator.	REDACTED IN ITS ENTIRETY
	5.5	Helmet connections	The communications system shall be provided with adapters to allow the user to connect their Helmet with Integrated Communications as an alternative to the headset provided. This shall not restrict the exchange requirements, but it is recognised that some functionality may be lost (e.g. noise cancelling).	TS6.4	If the standard connection accepts the helmet connection, then no adapter is required.	
	5.6	Situational Awareness	The craft shall be fitted with 2 x Mini-ECDIS compliant chart plotter which integrates the input from the RADAR, AIS, EO IR Camera, echosounder.	TS5.3 & TS6.4	<p>It is expected that peripherals (i.e. an external DVD drive or laptop computer) may be required to undertake updates and system configuration. If required these shall be provided.</p> <p>See Table 1 - Contractor Deliverables to Schedule 04a (Schedule of Requirements - Pricing and Required Delivery Dates) for quantities of peripherals required.</p> <p>The Contractor should specify how many mini-ECDIS compliant manufacturer stated chart plotters are to be fitted to the craft. The Authority do not intend to supply or utilise paper charts</p>	REDACTED IN ITS ENTIRETY
	5.7	Camera	The craft shall be fitted with a stabilised electro-optic (EO) infra red (IR) camera with 360deg pan, +/-90deg tilt with at least 4 x electronic or 'Digital' zoom	TS6.4		
	5.8	RADAR	The craft shall be fitted with a RADAR system with at least 40RPM rotation rate, colour display, with MARPA.	TS6.4		
	5.9	AIS	The craft shall be fitted with a Class B+ (SOTDMA) or Class A Automatic Identification System (AIS) with the facility to disable transmission of AIS information without preventing reception of AIS information.	TS6.4		
	5.10	Searchlight	The craft shall be fitted with a searchlight with a range of at least 500m and at least 360 horizontal sweep and at least 120 degrees vertical sweep. There should be no blindspots in the forward 120 degrees.	TS2.1 - TS2.4 & TS3.1	The searchlight should be at least 1 lux at 500m	
	5.11	Siren	The craft shall be fitted with a 100W wail and yelp siren with speaker.	TS6.2	For local broadcast 360 degrees.	

5.12	Loud Hailer	The craft shall be fitted with a forward-facing long range acoustic device which can broadcast live and pre-recorded sounds and tones. Device shall have a range of at least 500m over 88dB of background noise.	TS6.2		REDACTED IN ITS ENTIRETY
6.1	Loose Equipment	All equipment required in order to meet MCA Police Boat Code (Code B) requirements shall be provided unless otherwise stated.	TS6.5	MoD will supply: - Flare pack in a NATO Flare Container - First aid kit (Cat C and ready use) - Waterproof signalling lamp - Handheld compass - Handheld sound signalling appliance	
6.2	Lifebuoys	Lifebuoys provided in order to meet the MCA code requirements should be foam, horse-shoe type.	TS6.5		
6.3	Tow Line	Towline (and bridle, if applicable) is supplied and is of adjustable length (not greater than 1m intervals).	TS6.5	The intention of the adjustable towline is to enable the user to adjust the length of tow to suit the conditions. The adjustability may alternatively be a function of the tow points.	REDACTED IN ITS ENTIRETY
6.4	Portable VHF	A portable VHF radio with spare emergency battery shall be provided with each craft.	TS6.5		
6.5	EPIRB	The craft shall be fitted with 1 x INMARSAT E EPIRB.	TS6.5		
6.6	Road Transport	The craft shall be able to be transported on both its cradle on UK roads on a low-loader without being classified as an abnormal load.	TS4.2	Bed of Low Loader shall be assumed to be 1.0m height from the road. Prime Mover and its Trailer combined weight shall be assumed to be 18,000kg. Abnormal load is assumed to be anything greater than: total height < 4.97m, total width <2.9m, total load length <13.59m. The craft may be prepared for transport with minor disassembly however this should be quick, simple (both to disassemble and reassemble), and require minimal tools. Where an inflatable collar is offered, this may be deflated prior to transport.	

6. Miscellaneous	6.7	Road Trailer	A trailer shall be provided that enables the craft to be towed on UK Roads by Tractor. The trailered craft shall be fully compliant with all applicable UK Road Transport Regulations. The trailer should be galvanized for launching and recovering the craft from a prepared slipway. Calculation and Specification of restraints shall be to BS EN 12195. The trailer shall have a standard ball-and-socket hitching point. The trailers shall be provided with a spare wheel and basic tool-kit for repairing simple defects.	TS4.2 & TS6.6	<p>The craft shall be able to be transported as well as launched and recovered in Load Condition 2.</p> <p>Securing straps shall be provided.</p> <p>See Table 1 - Contractor Deliverables to Schedule 04a (Schedule of Requirements - Pricing and Required Delivery Dates) for quantities of Road Trailer required.</p>	REDACTED IN ITS ENTIRETY
	6.8	Dipping Trailer	When tasked by the Authority, a galvanized dipping trailer shall be provided for launching and recovering the craft from a prepared slipway using a Tractor. The trailer shall have a standard ball-and-socket hitching point. Calculation and specification of restraints shall be to BS EN 12195. Dipping trailer shall have a jockey wheel.	TS4.2 & TS6.6	<p>The craft shall be able to be transported as well as launched and recovered in Load Condition 2.</p> <p>Securing straps shall be provided.</p>	REDACTED IN ITS ENTIRETY
	6.9	Cradle	Cradles shall be provided to enable the craft to be transported on a commercial low-loader lorry on UK roads. Tie down schemes shall be provided.	TS4.2	See Table 1 - Contractor Deliverables to Schedule 04a (Schedule of Requirements - Pricing and Required Delivery Dates) for quantities of Cradles required.	REDACTED IN ITS ENTIRETY
	6.10	Cover	The craft shall be provided with a robust cover that covers at least the seated areas and console.	TS3.6	For use when tied up alongside.	
	6.11	Flare Container	The craft shall be provided with a basket or other securing device to hold a NATO Flare Container.	TS2.1 - TS2.4		