



Border Force

**AUTHORITY: The Secretary of State for the Home
Department acting through Border Force**

STATEMENT OF REQUIREMENTS

**HMC Seeker – Load Line Survey, Planned
Maintenance and Safety Equipment Recertification**

January / February 2022

C22116



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<https://www.gov.uk/government/publications/government-security-classifications>



Definitions

Phrase	Definition
Acceptance	The Authority will formally complete Acceptance of the Vessel at the Project Completion Meeting by the issue of an Acceptance certificate to the Supplier, which will be duly signed by the BFOO on behalf of the Authority, when all specified items of the requirement or authorised EW tasks have been completed satisfactorily.
After-Service	A single phone number of the Supplier giving access to a technical point of contact able to give user friendly assistance to Authority staff experiencing technical complications with any part or operation of the Cutters.
Alongside Berth	A suitable quay/berth with at least year-round 1m depth below Low Water Spring Tides (LWS) complete with safe access by gangway.
Authority	Border Force (BF)
BFOO	Border Force Overseeing Officer
Cardinal Date Plan (CDP)	A plan provided by the Supplier mapping out the significant dates for a project
Cutter	Her Majesty's Cutter (HMC) Seeker
Defect Rectification	Work undertaken to resolve any defect identified and listed in the work package at Annex E.
Emergent work (EW)	<p>Any additional work that emerges from the specified Planned Maintenance, which is notified to the Supplier in this Statement of Requirements. Any repairs which are required as a direct result of defects/damage found during this package of works.</p> <p>A Formal Emergent Work form issued by the Authority and found at Annex H, to be duly completed by the Supplier, is to be issued to the BFOO for every item of EW.</p> <p>The BFOO is the only Authority officer able to authorise Emergent Work.</p>
Lloyd's Register	Lloyd's Register's Rules and Regulations set standards for the design, construction and lifetime maintenance of ships, offshore units, and land-based installations.
Major Defect	Any defect or fault which reduces the performance of the Cutter, so it is unable to safely perform its duties rendering the vessel inoperable or unseaworthy.
MCA	Maritime and Coastguard Agency
Minor Defect	Any defect or fault which reduces the performance of the Cutter while allowing it to safely perform its duties and remain seaworthy.
Original Equipment Manufacturer (OEM)	The original manufacturer of a piece of equipment.



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Phrase	Definition
Project Progress Meeting (PPM)	A formal Progress Meeting to be conducted between the BFOO and the PM on every Monday and Thursday for the duration of the contract at a time to be agreed as part of contract mobilisation and following award.
Project Completion	Formal notification by the BFOO, on behalf of the Authority, to the Supplier that the project is completed to a satisfactory standard. The Supplier will be issued a Project Completion confirmation. Failure, by the Supplier, to complete all specified items and authorised EW tasks may result in a delay in the issuing of the Project Completion confirmation and a delay in payment for services rendered.
Project Conclusion Meeting (PCM)	The mandated project close-down meeting between Supplier and BFOO.
Project Initiation Meeting (PIM)	The mandated, initial, meeting between Supplier and BFOO.
Planned Maintenance	The package of works as detailed as detailed in the Specification of Requirements.
Project Manager (PM)	A member of the Supplier’s staff who is responsible for the overall planning and execution of a project. PM to be available via phone or email the lifetime during the Working Day.
Progress Report	A formal report that is emailed to the BFOO, either on request or as scheduled, giving details of progress against the agreed CDP
Rectification Plan	A plan to rectify a specified defect, giving dates and reasons for relevant actions to effect full rectification of the defect.
Safe Working Load (SWL)	The maximum load a piece of equipment can safely operate under.
Slipway/Dry Dock	A Slipway or Dry Dock of suitable size, complete with dock blocks in accordance with a MTLU supplied docking plan and to the satisfaction of the Border Force Overseeing Officer complete with safe permanent means of access to the Vessel.
Vessel	Her Majesty’s Cutter Seeker
Warranty	A guarantee, issued to the Authority by the Supplier, promising to repair or replace an item or rectify a service level, if necessary, and within a specified period.
WHO	World Health Organisation
Working Location	The area in which the Cutter is operational
Work in Way	This is additional work that occurs before the repairs/maintenance works are started.
Work in Wake	This is additional work that occurs after the repairs/maintenance works are completed.



Part 1: General

1.0 Background

- 1.1. The Authority currently operates a fleet of eleven sea going patrol craft operating in both UK National and International waters. This consists of five Cutters and six Coastal Patrol Vessels (CPV).
- 1.2. The four Damen 4207 patrol vessels, of which HMC Seeker is one, are built in accordance with Lloyds 100A+ and hold valid MCA International Load line certification.
- 1.3. The primary roles of the Cutters are:
 - 1.3.1. To provide a mobile, flexible, seaborne force capable of maintaining an effective deterrent against illegal immigration, smuggling and other breaches of the law administered by Border Force both within and outside the territorial waters of the UK in support of the UK's national security strategy.
 - 1.3.2. To increase maritime intelligence, undertake surveillance and improve international liaison in combating illegal immigration, the smuggling of drugs and movement of instruments of terrorism by sea.
 - 1.3.3. To intercept suspect vessels in territorial and international waters; and
 - 1.3.4. To provide mutual assistance to EU countries, the Channel Isles, the Isle of Man and other partners on the UK border.
- 1.4. In addition to these primary responsibilities, Border Force also undertake tasks on behalf of the Ministry of Defence, Maritime and Coastguard Authority, National Crime Agency, Police and UK Fisheries Agencies.

Part 2: Insurance

2.0 Insurance

- 2.1 The Supplier is to provide written confirmation and self-certify whether you already have, or can commit to obtain, prior to the commencement of the contract, the levels of insurance cover indicated below:
 - 2.1.1 minimum Employer's (Compulsory) Liability Insurance = £10,000,000.00
 - 2.1.2 Public Liability Insurance = £1,000,000.00
 - 2.1.3 Professional Indemnity Insurance = £1,000,000.00



- 2.2 The limit of liability, as expressed in § 2.1, is to be for every accident or series of accidents arising from the same event.
- 2.3 The Suppliers insurance policy is to cover all employees of the Supplier or any entities sub-contracted by the Supplier, or by the Authority, during the life of this contract and in the undertaking of this requirement.
- 2.4 The insurance certificate is to be submitted to the Authority in .pdf format after contract award.

Part 3: Objectives, Location and Constraints

3.0 Objectives

- 3.1 The objective of this specification is to provide the requirements for;
 - 3.1.1 the performance of a docking in order to satisfy loadline certification standards;
 - 3.1.2 the maintenance of equipment and machinery;
 - 3.1.3 the recertification of all safety equipment;
 - 3.1.4 the rectification of specified defects; and, if applicable
 - 3.1.5 conduct modifications to the fabric of the vessel as authorised by the BFOO.

4.0 Location

- 4.1 Due to the operational Working Location of the Cutter this requirement is to be undertaken inside the following geographical parameters.
 - 4.1.1 Between Land's End and the Humber Estuary.

5.0 Constraints

- 5.1 All work must be completed in accordance with this Specification of Requirements and must be compliant to all applicable industry standards or Flag State regulations and in accordance with all applicable laws.
- 5.2 The Supplier is to ensure that all new parts and equipment fitted are to be supportable for a period of five years following installation and provide evidence to the BFOO of this at the PCM.
- 5.3 All new equipment shall be provided with relevant operator and maintenance documentation, and any applicable certification. If applicable, these items are to be presented to the BFOO at the PCM.



- 5.4 For the purposes of this requirement, the working day is to be no less than any eight (8) hour period between 07:00am and 18:00pm.
- 5.5 For the purposes of this requirement, the working week is taken as meaning Monday to Friday and consists of five (5) working days.
- 5.6 The Authority expects the duration of this requirement to be no longer than 20 Working Days.
- 5.7 The start date for this requirement shall be; 24 January 2022
- 5.8 The works contained within this Statement of Requirements shall be completed no later than; 18 February 2022

Part 4: Provision of Services

6.0 General Provision

- 6.1 The Authority will appoint a BFOO for the duration of this requirement who shall be entitled to inspect any work, or to have it inspected by their duly authorised representative, at any point during the lifetime of this contract.
- 6.2 The Authority may engage with OEM manufacturers under separate commercial arrangements. The Supplier must afford access, as required, and assist with various tasks as instructed by the BFOO under Emergent Work process to complete specific work as arranged by the Authority under a separate arrangement with OEM to this MSER contract
- 6.3 The Supplier shall submit a draft CDP (in days) covering the completion of all planned work as part of the formal quotation for this work package. Once agreed by the Authority this will form the final CDP to be followed during the lifetime of the contract. (including dates for PIM, PCM and weekly meetings)
- 6.4 During the contract period, the BFOO and Authority appointed contractors shall, during normal working hours, be afforded access to all premises of the yard or its suppliers where any parts are being fitted, removed, manufactured, repaired, or serviced.
- 6.5 The Supplier is to ensure that all tasks are completed by suitably qualified and experienced personnel (SQEP) in relation to the equipment being worked upon. The Supplier may be asked to prove the qualifications of any employees or contractors by the BFOO at any time.

7.0 Project Management

- 7.1 As part of the CDP the Supplier must schedule and attend a Project Initial Meeting (PIM) with the BFOO prior to any works being undertaken on the vessel.
- 7.2 During the meeting, the BFOO and the Supplier will confirm the following.



- 7.2.1 the Emergent Work process.
- 7.2.2 berthing arrangements.
- 7.2.3 any Health and Safety arrangements pertinent to the Supplier's premises including the Suppliers Covid health protection measures.
- 7.2.4 Border Force crew accommodation arrangements.
- 7.2.5 any OEM manufacturers that are expected to work on the vessel during the Supplier's CDP period; and
- 7.2.6 The proposed date of the PCM.
- 7.3 During the course of the CDP, the Supplier is to provide a report to the BFOO within twenty-four hours of the identification of any deviation from the submitted CDP. Any cost implications are to be negotiated and agreed in accordance with the EW process following authorisation from the BFOO.
- 7.4 The Supplier must schedule and attend a weekly Project Progress Meeting (PPM) with the BFOO. This meeting is required to be minuted and will be in addition to the brief daily meetings. The PPM agenda must include;
 - 7.4.1 a briefing on project progress on a task-by-task level;
 - 7.4.2 all approved EW and costs;
 - 7.4.3 all rejected EW and costs;
 - 7.4.3 any sub-contractors' issues, both from the Supplier and the Authority; and
 - 7.4.4 any Technical issues.
- 7.5 As part of the CDP the Supplier must schedule and attend a Project Conclusion Meeting (PCM) and confirm the following.
 - 7.5.1 all specified work items contained in Annex's A, B, C, D and E, in addition to all authorised EW tasks, have been completed to the satisfaction of the BFOO.
 - 7.5.2 any variations to the specified requirements, as agreed by the BFOO, during the Supplier's CDP period, have been agreed in accordance with § 7.3.
 - 7.5.3 all Emergent Work Individual Item Proformas have been signed and agreed by the BFOO and the Supplier in accordance with § 9.0;
 - 7.5.4 the Supplier agrees to supply the BFOO with SOP 08 as per Annex B, § 2.0; and
 - 7.5.5 the Supplier and the BFOO agree a project total cost.



7.6 Following the PCM and to the satisfaction of the BFOO, formal notification of Completion will be given to the Supplier and a Project Completion Certificate issued in accordance with §12.0.

8.0 Warranty

8.1 The Supplier shall provide an After-Service for reporting faults and obtaining technical advice, during the hours of 08:00 and 16:30, Monday to Friday.

8.2 Response times for the service outlined in § 8.1 shall allow for all faults to be logged, given a reference number and Rectification Plan agreed between all parties within a maximum of two (2) working days of the fault being logged.

8.3 The Supplier shall provide warranty repairs in the event that any of the supplied or repaired parts develops a fault during the parts warranty period as detailed in § 8.6 and § 8.7.

8.4 All Work carried out by the Supplier during the period of this contract shall be covered by a one-year Warranty commencing from the date the Vessel is accepted back into the custody of the Authority.

8.5 All new parts supplied or fitted during the period of this contract shall be covered by a one-year warranty or such other provided warranty if it is longer than the minimum one year commencing from the date the Vessel is accepted back in to the custody of the Authority.

8.6 In the event that a Warranty Major Defect is notified to the Supplier that will render the Cutter non-operational. The Supplier shall provide services to ensure the Cutter is restored to full working condition within two (2) working days, calculated from the date and time on which the Authority agrees the Supplier personnel can gain access to the Cutter. In the event a Major Defect cannot be rectified within the assigned period, a Rectification Plan must be agreed with the Authority within forty-eight hours of identification of the potential failure.

8.7 In the event that a Warranty Minor Defect is notified to the Supplier, other than those that will render the Cutter non-operational, the Supplier shall provide services to ensure the Cutter is restored to full working condition within a maximum of ten working days, calculated from the date and time on which the Authority agrees the Supplier personnel can gain access to the Cutter. In the event a Minor Defect cannot be rectified within the assigned period, a Rectification Plan must be agreed with the Authority within forty-eight hours of identification of the potential failure.

Part 5: Emergent Work

9.0 Emergent Work

9.1 The Supplier will not be remunerated for any EW that is not approved by way of a completed and signed Emergent Work Individual Item Proforma.



- 9.2 All identified EW proposals are to be submitted to the BFOO on the attached Emergent Work Individual Item Proforma (Annex G) prior to the commencement of any work for authorisation by the BFOO.
- 9.3 The PM for the Supplier is to inform the BFOO if any of the Suppliers employees or contractors have been approached by either; the Vessel commander, the Vessel's crew or any member of the Authority's staff to undertake work not specified in this Specification of Requirements or as part of previously authorised EW task.
- 9.4 The Supplier is to confirm that they understand the Vessel Commander is unable to commission or authorise work tasks at the PIM.
- 9.5 The Supplier must ensure any costs or time delays that may impact on the overall project cost or timeline are articulated to the BFOO with the EW proposal.
- 9.6 If the work is deemed appropriate, the BFOO will authorise the Emergent Work on behalf of the Authority and provide formal acknowledgement of acceptance of the proposal including costs and completion timeframe to the Supplier.
- 9.7 Any proposals or work that have been undertaken by the Supplier, or a sub-contractor of the Supplier, and that are found to have not been authorised by the BFOO in accordance with § 9.0, upon final invoice submission, will be strictly at the expense of the Supplier and will not be remunerated by the Authority.
- 9.8 The Supplier are to record the cumulative Emergent Work costs on the attached spreadsheet (Annex I), or in a similar format, which will be cross checked and analysed at the Weekly progress meeting.
- 9.9 The supplier will email all authorised Emergent Works Individual Item proformas along with the overall Emergent Work Item Record Spreadsheet (Annex I), to the BFOO one working day prior to PCM.

NB: The Supplier must, therefore, liaise with the BFOO for every item of EW that requires consideration before the Supplier commences work.

Part 6: Trials, Certification and Acceptance

10.0 Trials

- 10.1 On completion of all work and once the Supplier has satisfied themselves that the Cutter is seaworthy, the seaworthiness will be demonstrated to the Authority who will provide an Project Completion Certificate (provided at Annex J) and confirm the hand back of the Cutter into the Authority's custody and responsibility. Where propulsion work has been undertaken, this shall include propulsion and manoeuvring trials measured against original



trials data for comparison and include OEM service engineer alongside the supplier's own mechanical and electrical service engineers

- 10.2 Any trials required shall be to prove that the executed work has been carried out satisfactorily and that the various systems can be checked and confirmed as fully and effectively re-commissioned. Other than fuel, all costs related to the operations of test and trials will be the responsibility of the Supplier.
- 10.3 Where the Authority have engaged separate OEM(s), under § 6.2, these service engineer costs for attendance at Basin Trials will be funded by the Authority.
- 10.4 Because of the specialist nature of the Vessel, the Authority will provide a minimum of five (5) crew members familiar with the navigational, controls and engineering systems of the Cutter during the Sea trials.

11.0 Certification and Survey Reports

- 11.1 All certification and survey reports required for regulatory compliance, or requested by the Authority, shall be supplied in hard copy enclosed in clear plastic envelopes within a four-ring binder, complete with index. An electronic copy of all certificates and survey reports shall also be forwarded by e-mail to the Authority in an accessible Microsoft Office format.

12.0 Project Completion

- 12.1 Once approved by the BFOO, formal notification of Project Completion will be given to the Supplier by the Authority through the issuing of a Project Completion Certificate (Annex J).
- 12.2 The Project Completion Certificate will only be issued to the Supplier after:
 - 12.2.1 successful completion of all specified items as stated in this requirement.
 - 12.2.2 the Supplier has formally presented all certificates to the BFOO during the PCM in accordance with § 11; and
 - 12.2.3 upon successful completion of any applicable trials required in response to the work undertaken.

NB: The issuing of a Project Completion Certificate to the Supplier by the Authority, or a duly authorised representative of the Authority, does in no way effect the warranty requirements as specified in this requirement nor the statutory rights of the Authority.



Part 7: Charges and Payment

13.0 Charges and Payment

- 13.1 All invoices are to be submitted in GBP.
- 13.2 All invoice correspondence is to be as per instructions on the Authority-issued PO document only.
- 13.3 The Supplier will receive one (1) Purchase Order (PO) number for this requirement. It may be amended by the Authority, from time to time.
- 13.4 Upon issue of a PO by the Authority, and following approval from the BFOO, the Supplier can submit an invoice(s) to the email address provided in accordance with the line-items on the PO document ensuring that all mandatory data is on the Invoice.
- 13.5 The Supplier is to acknowledge that all travel and subsistence costs related to warranty defect repairs shall be recharged at the Home Office reimbursable travel and subsistence rates as stipulated in Annex K. Any additional costs outside those stated in Annex K are strictly at the expense of the Supplier.
- 13.7 The Supplier is to ensure that every item of specified work has been completed in line with this Specification of Requirements or they have a formal acknowledgement from the BFOO allowing for non-completion.
- 13.8 The Supplier is to ensure that all EW tasks are approved by the BFOO, serialised appropriately and signed off and recorded in the EW spreadsheet (Annex I).
- 13.9 Failure, by the Supplier, to include EW that is compliant with the instructions set out at § 9.0, will result in the Authority being unable to accept those services for remuneration. If non-compliant tasks, either specified or emergent, are invoiced for payment, these costs will be rejected by the Authority and they will be at the expense of the Supplier.

NB: The Authority reserves the right to withhold payment from the Supplier, in part or in full, should any, specified or otherwise, condition as expressed in this Specification of requirements, not be successfully met by the Supplier and to the satisfaction of the BFOO.



Annex A: General Requirements of Work

Please see *C22116 - HMC Seeker - LL + MSER - Bidding Tool - v8*.



Annex B: Inspection, Testing and Certification of Safety Equipment

Please see *C22116 - HMC Seeker - LL + MSER - Bidding Tool - v8*.



Annex C: Vessel Maintenance Tasks

Please see *C22116 - HMC Seeker - LL + MSER - Bidding Tool - v8*.



Annex D: Painting

Please see *C22116 - HMC Seeker - LL + MSER - Bidding Tool - v8*.



Annex E: Modifications and Defect Rectification

Please see *C22116 - HMC Seeker - LL + MSER - Bidding Tool - v8*.



Annex F: General Arrangements



General
Arrangement.pdf



Annex G: Vessel Details

 Border Force	Name	MMSI	Callsign
		HMC SEEKER	235082000
Length overall (LOA)	42.80 m		
Length waterline (LWL)	42.80 m		
Beam Overall	6.95 m		
Draught aft full load	2.5 m		
Ht Overall USK to mast	17.8 m		
Displacement	251.1 tons		
Deadweight	69.3 tons		
Gross Tonnage	235 tons		
Construction	Steel Hull Aluminium Superstructure		
Main Engines	2x Caterpillar 3156B		
Gearbox	2x Reintjes WLS		
Propulsion	2x Controllable Pitch Propellers		
Speeds	26.50 knots		
Manoeuvrability	2x Rudders		
Range / Endurance	Up to 2150 nautical miles at 12 knots		
Fuel	23 cubic metres		
Fuel Consumption	Variable		
Fresh water	6 cubic metres		
Black Water	2 cubic metres		
Accommodation	16 persons		
Built to	Lloyd's 100A1 SCC		



Annex H: Emergent Work Individual Item Proforma

Emergent Work (EW) Individual Item Proforma		 Border Force	
EMERGENT WORK ITEM No: C22116			
<i>Description</i>			
Signed, BFOO:		Date:	
PART I: By Supplier			
The above item is accepted as a genuine Emergent work item.			
Our Firm Price is*^Δ		£	
Our Realistic Estimate is*^Δ			
Signed:		Position:	
		Dated:	
TIME PENALTY (if any) The completion date of the contract* will/will not be affected by this item.			
PART II: By BFOO			
It is agreed that this is a genuine emergent work item and authority is given for the work to be undertaken.			
The Above Firm Price/Realistic Estimate* of £		ACCEPTED	REJECTED
Signed:		Date:	
Notes:			
1 * Delete as required			
2 ^Δ If the costing of an EW task, upon further examination, is projected to vary by ± 10%, the quote must be re- authorised by the BFOO			
3 All interactions pertaining to Emergent Work are to be carried out strictly in accordance with Pt. 5, § 8.0.			



Annex J: Project Completion Certificate

<h1>Project Completion Certificate</h1>		 Border Force
PART I: to be completed by Supplier		
<h3>HMC Seeker</h3>		
HMC Seeker, having completed contract C to the satisfaction of the Authority and having successfully completed any applicable trials and provided all documentation required under this requirement, Contract Number C22116 is this day offered as completed to the Authority.		
Signed:	For and on Behalf of the Supplier:	
Print Name:	Date:	
PART II: to be completed by The Authority		
By Vessel Commander:		
I attended the Project Completion Meeting of HMC Searcher and have satisfied myself that all systems, machinery, and equipment are working satisfactorily. I have inspected the vessel and consider she is in a condition suitable for return to operational service.		
Signed:	Print Name / Post:	
By BFOO: HMC Seeker having completed contract C22116 to the satisfaction of the Authority and having completed all appropriate trials and received all documentation required under the Contract is hereby accepted at..... hours.		
Signed:	BFOO	
Print Name:	Date:	
PART III: Warranty		
The issuing of a Project Completion Certificate to the Supplier by the Authority, or a duly authorised representative of the Authority, does in no way effect the warranty requirements as specified in this requirement nor the statutory rights of the Authority		
Distribution		
Original	-	Retained by the Supplier
Copies to	-	BFOO



Annex K: Reimbursable Expenses

The Supplier may claim the following Reimbursable Expenses at the rates set out below:

1. Travel

Standard rate of allowance for private cars

Initial 10,000 miles	40p per mile
Additional miles over the initial 10,000	25p per mile
Public transport rate	23.8p per mile

2. Hotel rates

London	£125 per night
All other locations other than London	£90 per night



Annex L: Paint Specification



Border Force
Vessels Tech 181121



Annex M: Lubrication Specification



HMCC Seeker V1.40
LRS.pdf



Annex N: Border Force SOP 08

SOP 08 will be made available to the Supplier post contract award.



Annex O: Survey reports

1. Portable Appliance Testing
2. Electrical insulation test results
3. Alternator insulation test results
4. Reintjes Gearbox
5. Intentionally Blank
6. Hatches, water test
7. Steering Gear inspection
8. Bow thruster coupling
9. Portable Fire pump service
10. Emergency Fire pump
11. Hydrophore
12. Air Conditioning
13. Electrical Starters
 - 13.1 GS pumps x 2
 - 13.2 Capstans x 2
 - 13.3 Anchor Windlass
 - 13.4 Davit
 - 13.5 AC pump
 - 13.6 Hydrophore pumps x 2
14. Davit



Annex P: PCM Meeting Agenda



Border Force

Agenda

Title of meeting	C22116 – HMC Seeker – Project Conclusion Meeting
Date	[INSERT AS REQUIRED]
Time	[00:00]
Venue	[Location]
Attendees	Mr P. Impey (BFOO) [INSERT AS REQUIRED] (Supplier PM) [INSERT AS REQUIRED]
Meeting objectives	Finalise the period of works for C22116 – HMC Seeker - MSER

Agenda Item	Description	Lead	Complete
1	Welcome	BFOO	Complete
2	Project Summary	Supplier PM	
3	Outstanding Work Items		
4	Certificates and Survey Reports a) Delivered b) Outstanding	Supplier PM Supplier PM	
5	Emergent Work a) Approved Forms b) Rejected Forms	Supplier PM BFOO	
6	Spares a) Unused, return of	Supplier PM	
7	Return of all drawings and manuals	Supplier PM	
8	Finance a) Outstanding items reimbursement amount b) Final invoice amount	Supplier PM BFOO	
9	AOB	BFOO	
Issue Certificate	Project Completion Certificate	BFOO	

NB: The meeting minutes are to be recorded by the Supplier and emailed to the BFOO.



Annex Q: Basin Trials Report Form



(12b) Vol V -
MSP-12 Annex B - Cl



Annex R: Sea Trials Report Form



(12a) Vol V - MSP-12
Annex A - Cutter Sea



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