

DEFENCE MARINE SERVICES – NEXT GENERATION

STATEMENT OF REQUIREMENT

**THE SERVICES – SUPPLY AND MAINTENANCE OF AUTHORITY
MOORINGS, MARKERS AND TARGETS**

SCHEDULE 2

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PART 1 - SERVICE DELIVERY

INTRODUCTION

PURPOSE

1. The purpose of this Statement of Requirement (SOR) is to define the Authority's requirements for the Services. The Contractor's performance will be monitored, reported and managed in accordance with Schedule 4 (Payment, Performance and Incentivisation Mechanism).

BACKGROUND

2. 'Defence Marine Services – Next Generation' is a Navy Command Category A programme, consisting of four distinct procurements:
 - a. Contract 1: Support to In-Port Marine Services and Delivery of a Vessel Replacement Programme (Service Delivery Areas 1 to 3)
 - b. Contract 2: Inshore Support to Military Training, Testing and Evaluation (Service Delivery Areas 4, 5 and 7)
 - c. Contract 3: Supply and Maintenance of Authority Moorings, Markers and Targets (Service Delivery Area 8)
 - d. Contract 4: Offshore Support to Military Training and Exercises (Service Delivery Area 6).

THE SERVICES – SUPPLY AND MAINTENANCE OF AUTHORITY MOORINGS, MARKERS AND TARGETS REQUIREMENT – OVERVIEW OF THE SOR

3. For this Contract 3 (Supply and Maintenance of Authority Moorings, Markers and Targets), the Contractor shall provide the Services in Service Delivery Area (SDA) 8 which includes: responsibility for the Mooring Replacement Programme; updating the Authority Mooring Inventory; the Mooring Maintenance Programme; and the delivery of Moorings Materials (using established Authority supply chains) for use in the Ascension Islands and the Falkland Islands.

VESSEL ADMINISTRATION

4. Authority Vessel shall be commercially operated by the Contractor and owned by the Authority and be UK flagged and certified unless otherwise agreed in writing with the Authority.

PART 2 – SDA 8

SUPPLY AND MAINTENANCE OF AUTHORITY MOORINGS, MARKERS AND TARGETS

INTRODUCTION

5. Service Delivery Area (SDA) 8 comprises the delivery of the Mooring Replacement Programme; updating the Authority's Mooring Inventory; the delivery of the Mooring Maintenance Programme; and the delivery of Moorings Materials (using established Authority supply chains) for use in the Ascension Islands and the Falkland Islands.
6. The Mooring Inventory consists of the Moorings, Target Moorings and Navigation Buoys (collectively known as Moorings) and Targets listed with their identity numbers (ID) as set out in the tables at Parts 3-7 of this SOR.

MOORING MAINTENANCE PROGRAMME (MMP)

7. The Contractor shall deliver a MMP approved by the Authority. The MMP must account for the Mooring Inventory items listed in Parts 3, 4, 5 and Part 6A of this SOR.
8. The Authority shall advise the Contractor of any required Changes to the Mooring Inventory; any such Changes shall be managed in accordance with the Change Control Procedure.
9. With effect from the second Contract Year, the Mooring Maintenance Programme shall be prepared by the Contractor at the start of each Contract Year and submitted for approval by the Authority in accordance with Schedule 6 (Governance, Management Information, Reports, Records and Audit).
10. The Contractor shall ensure that the Mooring Maintenance Programme is sufficiently flexible to respond to short notice changes, provided that any such changes must be agreed in writing between the Parties. The Change Control Procedure will not apply to such short notice changes.

PROVISION OF MOORING MATERIALS ONLY TO FALKLANDS ISLANDS AND ASCENSION ISLANDS

11. The Contractor shall be responsible for the provision of Mooring Materials for all Moorings including for supply to the Falklands Islands and Ascension Islands Moorings listed in the Mooring Inventory in Part 6B. The Contractor is not required to maintain any Moorings listed in the Mooring Inventory for the Falklands and Ascension Islands, but the Contractor shall be responsible for ensuring that the Mooring Materials to be supplied to the Falklands and Ascension Islands are delivered to the Designated Port at the agreed time. The Contractor's obligation to delivery such Mooring Materials shall be subject to the following:

- a. 6 months' prior notice from the Authority for standard Mooring Materials (being those Mooring Materials which are either: (i) Commercially-available Off-The-Shelf Item; or (ii) derive from a design included in the MOD Mooring Manual); or
- b. 8 months' prior notice (or such shorter notice period as is agreed between the Parties at the time) from the Authority for non-standard Mooring Materials (being those Mooring Materials not subject to paragraph 11a.) above).

MOORING REPLACEMENT PROGRAMME (MRP)

13. The Contractor shall be responsible for the replacement (which shall include the design, construction and installation) of Moorings which are included in Table 1 of Part 7 of this SOR.
14. The timeline for replacement of Moorings shall be based on a minimum of the replacement of 2 Moorings/year. Moorings and Navigation Buoys are to be replaced in priority order (as defined in Part 7 of this SOR) as follows:
 - a. Priority 1 – to be replaced within 3 years of Service Commencement Date;
 - b. Priority 2 – to be replaced within 5 years of Service Commencement Date; and
 - c. Priority 3 and 4 – to be replaced by no later than the date which falls six months before the Expiry Date, noting that the schedule for the replacement of 12 Navigation Buoys shall be carried out concurrently with the replacement of the Priority 3 and 4 Moorings.

AKROTIRI TANKER MOORING REPLACEMENT OPTION

15. The Contractor acknowledges and accepts that the Authority may wish to exercise the Akrotiri Tanker Mooring Replacement Option (as described in Table 2 of Part 7 of this SOR) at any time during the Contract Term. If the Authority wishes to exercise this option then it shall request such replacement as an Additional Service via the Change Control Procedure with a minimum of ten (10) months' notice (or such other period as agreed between the Parties in writing). The Parties agree that such replacement shall be carried out in accordance with the MOD Mooring Manual and priced in accordance with the option pricing as described in Schedule 19 (Change Control Procedure), unless agreed otherwise in writing by the Parties at the time.

REDACTED UNDER FOIA SECTION 23 & 23: SECURITY BODIES AND NATIONAL SECURITY

MOD MOORING MANUAL

16. The Authority is the owner of the MOD Mooring Manual. The MOD Mooring Manual sets out the requirements and guidance which apply to the Moorings and Targets to be

accepted, managed and maintained under this Contract. Fig 1-1 (Mooring Acceptance Flow Chart) sets out the process to be followed by the Parties in relation to the design, construction and acceptance of new Moorings and Targets. The standard of certification for Mooring Materials (mooring chain, cast and forged steel and associated materials) is set out in the MOD Mooring Manual. The construction of each Mooring shall be equivalent to the standard set out in the MOD Mooring Manual.

DIVING ASSURANCE

17. All diving operations, within the United Kingdom, and all associated diving personnel including Sub-contractor personnel, shall be compliant with the Diving At Work Regulations 1997 ("DWR97") and appropriate Health & Safety Executive (HSE) Approved Code of Practice and guidance relevant to the nature of the diving project. For overseas, Authority contracted diving operations shall comply with the laws of host states, where they apply, and in circumstances where such requirements fall short of DW97 shall apply UK standards as far as it is reasonably practicable to do so. This shall include but not be limited to the requirement that:
 - a. The Contractor shall provide an evidenced demonstration to the client identified to the Contractor by the Authority (the "Client") that they have satisfied themselves that their diving contractor has discharged its duties under the DWR97 and is suitability qualified and experienced to undertake activities under the Contract;
 - b. The Client reserves the right to independently satisfy itself of the Contractor's or diving contractor's suitability.
 - c. Prior to commencement of any diving activity, the Contractor shall provide a detailed Diving Project Plan, and Risk Assessment to the CRO Project Manager or their authorised representative.
18. The Contractor shall conduct all associated diving activities in executing installation, maintenance and removal of moorings, Aids to Navigation or targets in compliance with the DWR 97.
19. The Contractor acknowledges that the Authority intends to maintain its own assurance framework for diving operations in accordance with DMS SEMS (Diving). This aims to ensure compliance with both the DWR 97 and DSA02-800.
20. The Authority reserves the right to conduct audits on the Contractors' diving teams and activities or subcontracted diving contractors given reasonable notice to ensure compliance with relevant standards.
21. All diving operations are to be notified to the Authority before commencement and carried out with the full knowledge of affected stakeholders.
22. The Contractor is to enact and maintain a Diving Safety Management System. The contractor will ensure that any divers employed are properly certified to undertake the expected type of diving work and hold a valid medical certification.

23. The Contractor shall notify The Authority in advance if it wishes to engage the use of Third Party/external commercial diving services. Any such contracted services are to be suitably compliant to the same DWR 97 requirements irrespective of the location or local requirements of the expected diving operation.

EQUIPMENT AUTHORITY AND DESIGN AUTHORITY

24. In accordance with the MOD Mooring Manual, the Contractor shall act as the Equipment Authority (EA) for the Mooring Inventory and as such, shall be responsible and accountable for the health, safety and environmental assurance of the design, installation and through life support of the Mooring Inventory, and as EA will have the following specific responsibilities:
- a. Certifying that Moorings and Targets are 'safe to operate' and Fit For Purpose: The EA may delegate this function but remains responsible for it as the EA. Any delegation shall be subject to the prior written approval of the Authority.
 - b. Obtaining the services of a Design Authority (DA): The Contractor shall always ensure that Mooring and Target designs comply with the requirement of the MOD Mooring Manual. The EA is responsible for ensuring the DA function is delivered by an organisation that is competent and adequately resourced. This DA function may be delegated by the Contractor but the Contractor remains responsible for it as the EA.
 - c. Providing assurance to the Authority and/or any Entitled Customer that adequate steps have been taken to ensure that all Moorings and Targets have been inspected, maintained, designed and installed correctly (provision of design assurance, product assurance, Safety and Environmental Case, development and certification).
 - d. Providing component assurance including but not limited to arranging as for tests and inspections of Mooring Materials and certificates submitted as required by a member of the International Association of Classification Societies (IACS) such as Lloyd's Register. All chain cable and associated equipment shall be covered by a full statutory certificate issued by a UK recognised classification society such as Lloyd's Register. The statutory certificate is to accompany the relevant chain cable and associated equipment upon delivery from the manufacturer to the consignee. If Lloyd's Register is not used, the Contractor must inform the Authority of the alternative and gain approval to use such alternative from the Authority in writing.
 - e. Reviews of the MOD Mooring Manual: The Contractor shall ensure that, no earlier than the fifth anniversary of the Service Commencement Date and no later than the sixth anniversary of the Service Commencement Date, (or more frequent if required by the Authority) reviews of the MOD Mooring Manual are conducted by a UK recognised classification society. Any updates to the MOD Mooring Manual proposed by the UK recognised classification society, and

approved in accordance with the Change Control Procedure, shall be uploaded to the Shared Data Environment by the Contractor.

25. The Contractor shall conduct annual reviews of the MOD Mooring Manual in accordance with Clause 28.5 (Change) of the Contract. Following such review, the Contractor shall propose any updates to the MOD Mooring Manual it deems necessary, including a review of all content, a check of the referenced standards and the opportunity to address obsolescence.

SOR TABLE - LINE ITEM COLUMN HEADINGS

The SOR table contains the following information in relation to the Services:

Column Heading	Description
1. Contract	Contract number 3 – Supply and Maintenance of Moorings, Markers and Targets
2. Service Delivery Area (SDA)	Service Delivery Area (SDA) 8 - responsibility for delivery of the Mooring Replacement Programme, updating the Mooring Inventory, delivery of the Mooring Maintenance Programme and the delivery of Mooring Materials (using established Authority supply chains) for use in the Ascension Islands and the Falkland Islands.
3. Line Number	A unique reference number for each line item.
4. Line Item Description	<p>The description of the service output required, which includes:</p> <ul style="list-style-type: none"> • Vessel and service capability requirements; • operational parameters (sea state); • programming information; • geographical areas; • chart numbers other key references; and • concurrency requirements.
5. Quantity	The agreed quantity to be completed under each Line Item Description.
6. Remarks	Any pertinent remarks

Table 1.2 – SOR Table – Line Item Column HEADING

STATEMENT OF REQUIREMENT TABLE

Contract	SDA	Line Number	Line Item Description	Quantity	Remarks
SOR (Technical) Section 3.8-Moorings, Navigation Buoys and Targets					
3	8	1	Authority Moorings UK A UK Moorings and Targets service shall be provided, encompassing all of the following elements.	The total of the following items.	
3	8	1.1	Maintenance Provide and maintain Moorings at the locations identified in the Mooring Inventory, in accordance with the Standards, in particular the MOD Mooring Manual.	All locations identified in the Mooring Inventory as UK Moorings or UK Target Moorings (Part 3 and Part 4).	Moorings shall remain as Fit For Purpose. Any relevant replacement material components shall be certified to an Authority agreed Standard.

3	8	1.2	<p>Replacement Moorings and Navigation Buoys</p> <ul style="list-style-type: none"> - Design, manufacture and install replacement Moorings at the locations identified in Table 1 of Part 7 of this SOR in accordance with the MOD Mooring Manual and the MRP. -Installation of replacement Moorings is to be to in accordance with the Standards and certified by a UK recognised classification society. The Moorings Acceptance Process shall be followed in full for each replacement Mooring. -12 of the IDs listed are Navigation Buoys which shall be replaced by telemetry capable buoys to enable remote monitoring of the operational characteristics of the designated buoys. 	All IDs identified in Part 7.	Replacement in accordance with order of priority set out in Part 7; schedule as set out in the MRP.
3	8	1.2.1	<p>Replacement Moorings – Akrotiri Tanker Moorings</p> <ul style="list-style-type: none"> - Design, manufacture and install replacement Moorings at the locations identified in Table 2 of Part 7 of this SOR in accordance with the MOD Mooring Manual. -Installation of replacement Moorings is to be to in accordance with the Standards and certified by a UK recognised classification society. The Moorings Acceptance Process shall be followed in full for each replacement Mooring. 	ID 10101, 10102, 10103, 10104	To be priced in accordance with FIN02/Financial Model.

			The price agreed between the Contractor and the Authority for this line item is contained in the Fin 02 (Road B) of the FIN02.		
3	8	2	<p>Maintenance of Targets and Target Moorings in UK</p> <p>Maintain the Targets & Target Moorings listed in the Mooring Inventory in Part 4.</p> <p>When instructed by the Authority's Representative to bring a Target Mooring ashore, the Contractor shall liaise with the Authority's Explosives Ordnance Disposal team (EOD team) to arrange for the Target Mooring to be examined for/cleared of ordnance by the EOD team prior to repair.</p> <p>Disposal of any unwanted Target Moorings material/debris shall be disposed of in accordance with MARPOL and local waste disposal legislation.</p>	At each station identified in the Mooring Inventory (Part 4).	Targets and Target Moorings shall remain Fit For Purpose.
3	8	3	<p>Authority Navigation Buoys UK</p> <p>A UK Navigation Buoys service shall be provided, encompassing all the following elements.</p>	The total of the following items listed below.	

3	8	3.1	Maintenance of UK Navigation Buoys Maintain Navigation Buoys to International Association of Lighthouse Authorities (IALA) Maritime Buoyage System standards.	At each station identified in the Mooring Inventory (Table 1 of Part 5)	Navigation Buoys shall remain Fit For Purpose. Performance measured in accordance with IALA performance category standards.
3	8	3.2	Maintenance of the 'Sunk Head Tower' to International Association of Lighthouse Authorities (IALA) Maritime Buoyage System standards. For the purposes of the 'Sunk Head Tower' Navigation Buoy (ID: X603) only, the Contractor acknowledges and accepts that maintenance or rectification works to such Navigation Buoy shall be undertaken by the Corporation of Trinity House under a pre-existing commercial arrangement with the Corporation of Trinity House (and a copy of the existing documentation has been provided to the Contractor), and the Contractor shall be responsible for paying the Corporation of Trinity House under the terms of such arrangement. Payment to the Contractor for this Line Item shall be dealt with under Schedule 4 (Payment, Performance and Incentivisation Mechanism).	At the station identified in the Mooring Inventory (Table 2 of Part 5)	Navigation Buoy shall remain Fit For Purpose. Performance measured in accordance with IALA performance category standards
3	8	4	Authority Non-UK A non-UK Moorings, Targets and Navigation Buoys	The total of the following items 4.1 to 4.3 inclusive .	

			service shall be provided, encompassing all the following elements.		
3	8	4.1	Maintenance of Authority Navigation Buoy (Mooring) in Gibraltar Maintain Navigation Buoy (ID G604) listed in Part 6A to International Association of Lighthouse Authorities (IALA). Maritime Buoyage System standards.	ID G604 in Part 6A.	Moorings shall remain Fit for Purpose. In accordance with IALA performance category standards
3	8	4.2	Maintenance of Moorings in Cyprus Maintain Moorings at the locations identified in the Mooring Inventory, in accordance with the Standards. Maintain Navigation Buoys to International Association of Lighthouse Authorities (IALA) Maritime Buoyage System standards.	All Moorings at Cyprus identified in the Mooring Inventory (Part 6A).	All Moorings shall remain Fit for Purpose. In accordance with IALA performance category standards
3	8	4.3	Provision of Mooring Materials for Moorings and Navigation Buoys in the Falklands Islands and Ascension Islands Provide Mooring Materials only for the items listed in Part 6B of the Mooring Inventory in this Statement of Requirement. All Mooring Materials shall be certified in accordance with the MOD Mooring Manual. The Contractor is not required to maintain any Moorings, Navigation Buoys or Targets listed in Part 6B of the	Replacement items for each station identified as such in the Mooring Inventory (Part 6B).	Moorings Materials to be delivered to the Designated Port from the UK, subject to 6 months' prior notice by the Authority

			Mooring Inventory in this Statement of Requirement in relation to the Falklands and Ascension Islands.		
3	8	4.4	<p>Akrotiri Tanker Moorings – additional inspections</p> <p>The Akrotiri Tanker Mooring (consisting of IDs 10101, 10102, 10103, 10104 as listed in Part 6A), shall be inspected by the Contractor:</p> <p style="text-align: center;">Redacted under FOIA section 23 & 23: security bodies and national security</p> <p>and, at each inspection, the Contractor shall confirm whether the Mooring system is free from defects and Fit for Purpose. The Contractor acknowledges and accepts that these inspections shall be carried out in addition to the annual maintenance visit detailed in the MOD Mooring Manual.</p>		
3	8	5	<p>Storage and maintenance of four (4) emergency wreck marks, ready for immediate deployment</p> <p>(Based on 10 ft Trinity Buoy)</p>		Note that this requirement is limited to the storage and maintenance of the wreck markers only. The emergency deployment of such wreck markers may be

					requested as an Additional Service via the Change Control Procedure if required by the Authority.
3	8	6	Removal of Mooring Materials from the sea bed which may be hazardous to navigation/environment	Up to 3 tasks per Contract Year on average, maximum task duration of five (5)days. Any further tasks will be requested by the Authority as an Additional Service via the Change Control Procedure.	Ad hoc tasking following discovery of hazard if/when required. Scheduling to be agreed with Authority.

PART 3 - UK MOORINGS INVENTORY

ID No	Mooring Name	Area	Position	Class	Remarks
1001	"C" Buoy	Devonport	50°20.25'N 04°08.9'W	NRTB	
1002	"D" Buoy (Resilient)	Devonport	50°20.38'N 04°08.1'W	NRTB	Redacted under FOIA section 23 & 23: security bodies and national security
1003	"E" Buoy (Resilient)	Devonport	50°20.55'N 04°08.58'W	NRTB	Redacted under FOIA section 23 & 23: security bodies and national security
1101	Capital Ship Trot 1	Devonport	50°23.43'N 04°12.00'W	1st Class	
1102	Capital Ship Trot 2	Devonport	50°23.50'N 04°12.20'W	1st Class	
1301	"F" Buoy	Devonport	50°20.71'N 04°07.89'W	3rd Class	
1304	NATO 8 and 9	Devonport	50° 23.686' N 004° 12.481'W	3rd Class	

1501	Ajax Seamanship Training Barge	Devonport	50° 23.52' N 004° 13.79' W	5th Class	Mooring only
1505	Dartmouth Hindustan Bow	Devonport	50° 21.611' N 003° 34.722' W	5th Class	N Sandquay Jetty
1506	Sandquay Pontoon	Devonport	50° 21.674' N 003° 34.812' W	5th Class	N Sandquay Jetty
1507	Dartmouth No 1 Trot	Devonport	North Buoy 50° 21.682' N 003° 34.821' W	5th Class	
1508	Dartmouth No 2 Trot	Devonport	North end 50° 21.835' N 003° 34.852' W South 50° 21.679' N 003° 34.770' W	5th Class	
1510	Dartmouth No 4 Trot	Devonport	North End 50° 21.792' N 003° 34.876' W	5th Class	
1511	Dartmouth Upper Pontoon	Devonport	North End	5th Class	Mooring only

			50° 21.914' N 003° 34.863' W		
1512	Drakes Island Yacht Trot	Devonport	50°21.40'N 04°09.10'W	5th Class	
1513	Jupiter Point Inner Trot	Devonport	50°23.50'N 04°13.28'W	5th Class	
1514	Jupiter Point Outer Trot	Devonport	50°23.58'N 04°13.22'W	5th Class	
1515	Jupiter Point Inner Trot (S)	Devonport	50°22.90'N 04°13.70'W	5th Class	
1516	Jupiter Point Outer Trot (N)	Devonport	50°23'26.5"N 4°13'44.8"W	5th Class	
1517	Kinterbury Trot	Devonport	50°23.48'N 04°11.88'W	5th Class	
1524	Sandquay Yacht Pontoon	Dartmouth	50° 21.63' N 003° 34.78' W	5th Class	Mooring only SSE Sandquay Jetty
1529	Exmouth Range Safety Boat	Exmouth	50° 36.829' N 003° 26.252' W	5th Class	

1535	Ajax Training Buoy	Devonport	50° 23.508' N 004° 13.751' W	5th Class	
1536	Lynher Trot	Devonport	50°23.578N 04°12.515'W	5th Class	
1537	Looking Glass Trot	Devonport	50°23.02N 04°11.13'W	5th Class	
1539	LA2	Devonport	50° 23.846' N 004° 12.625' W	5th Class	
1540	LA3	Devonport	50° 24.823' N 004° 12.389' W	5th Class	
1541	LA4	Devonport	50° 23.939' N 004° 12.405' W	5th Class	
1542	BP1	Devonport	50° 23.725' N 004° 12.310' W	5th Class	
1543	BP2	Devonport	50° 23.658' N 004° 12.223' W	5th Class	
1544	N3	Devonport	50 21.770' N 004 11.506' W	5th Class	
1545	N4	Devonport	50 21.865' N 004 11.617' W	5th Class	

1546	MS3	Devonport	50 23.442' N 004 12.258' W	5th Class	
1547	MS4	Devonport	50 23.501' N 004 12.379' W	5th Class	
1548	MS5	Devonport	50 23.557' N 004 12.500' W	5th Class	
2102	Z Mooring	Portsmouth	50°48.78N 01°07.32'W	1 st Class	
2204	Rame Head	Portsmouth	50°45.19N 01°07.95'W	2 nd Class	
2304	V Trot 1-2	Portsmouth	50°49.75N 01°07.05'W	3 rd Class	
2305	W Trot	Portsmouth	50°49.42N 01°07.99'W	3 rd Class	
2501	A Trot Poole	Poole	50°42.698N 002°01.559'W	5 th Class	
2503	B Trot Poole	Poole	50° 42.705' N 002° 01.845' W	5 th Class	
2505	C Trot Poole	Poole	50° 42.460' N 002° 01.960' W	5 th Class	
2506	C Trot Portsmouth	Portsmouth	50°49.74N 01°08.85'W	5 th Class	
2509	Oil Fuel Jetty Gosport	Portsmouth	50°47.86N 01°06.93'W	5 th Class	

2511	Upnor (RSME) Moorings (1)	Thames/Medway	51° 24.072N 000° 31.543E	5 th Class	
2512	Upnor (RSME) Moorings (2)	Thames/Medway	1) 51° 24.134' N 000° 31.607' E 2) 51° 24.125' N 000° 31.578' E 3) 51° 24.116' N 000° 31.589' E 4) 51° 24.107' N 000° 31.581' E 5) 51° 24.098' N 000° 31.573' E 6) 51° 24.088' N 000° 31.565' E	5 th Class	
3002	A 8 Clyde NRTB	Clyde	55°57.89'N 04°45.04'W	NRTB	
3109	Broadford Bay Redacted under FOIA section 23 & 23: security bodies and national security	Isle of Skye	57°15.07'N 05°53.30'W	1st Class	Redacted under FOIA section 23 & 23: security bodies and national security

3201	Loch Ewe A 1 Redacted under FOIA section 23 & 23: security bodies and national security	Loch Ewe	57°50.95'N 05°37.47'W	2nd Class	Redacted under FOIA section 23 & 23: security bodies and national security
3202	NATO C25 Tail of the Bank	Clyde	55°58.22'N 04°44.63'W	2nd Class	
3203	Loch Eribol	Loch Eribol	58°29.61'N 04°41.90'W	2nd Class	
3204	Gareloch Sierra Redacted under FOIA section 23 & 23: security bodies and national security	Gareloch	56°02.91'N 04°49.20'W	2nd Class	Redacted under FOIA section 23 & 23: security bodies and national security
3303	Inverary No 2	Loch Fyne	56°13.88'N 05°03.41'W	3rd Class	
3304	Rothesay SM1 Redacted under FOIA section 23 & 23: security bodies and national security	Clyde	55°51.34'N 05°02.90'W	3rd Class	Redacted under FOIA section 23 & 23: security bodies and national security
3402	Gareloch No 2 Trot	Gareloch	56°02.72'N 04°49.70'W	4th Class	

3405	Loch Ewe A 2	Loch Ewe	57°50.24'N 05°36.18'W	4th Class	
3407	Loch Goil D16 Accommodation	Loch Goil	56°06.14'N 04°52.45'W	4th Class	
3503	Fairlie Pontoon	Gareloch	56°03'14.3"N 4°49'10.3"W	5th Class	Mooring only
3512	MOD Police loch Long Mooring North and South	Loch Long	North 56 03.986' N 004 54.372' W South 56 03.852' N 004 53.506' W		
4505	DKYD SOUTH	Pembroke	51°42.05N 04°57.36'W	5th Class	
5101	River Forth No 1 Mooring	River Forth	56°01.12'N 03°21.12'W	1st Class	Redacted under FOIA section 23 & 23: security bodies and national security
7201	Loch Goil Redacted under FOIA section 23 & 23: security bodies and national security	Loch Goil	56°08.46'N 04°53.36'W	2nd Class	Redacted under FOIA section 23 & 23: security bodies

					and national security
7202	Loch Goil Redacted under FOIA section 23 & 23: security bodies and national security	Loch Goil	56°08.46'N 04°53.36'W	2nd Class	Redacted under FOIA section 23 & 23: security bodies and national security
7203	Loch Goil Redacted under FOIA section 23 & 23: security bodies and national security	Loch Goil	56°08.46'N 04°53.36'W	2nd Class	Redacted under FOIA section 23 & 23: security bodies and national security
7204	Loch Goil Redacted under FOIA section 23 & 23: security bodies and national security	Loch Goil	56°08.46'N 04°53.36'W	2nd Class	Redacted under FOIA section 23 & 23: security bodies and national security
7507	HVM Tower No 1 Launch Mooring	Luce Bay	54°49.91'N 04°53.03'W	5th Class	
7509	Loch Goil A Small Craft Mooring	Loch Goil	56°09.91'N 04°54.36'W	5th Class	
7510	Loch Goil B Small Craft Mooring	Loch Goil	56°09.34'N 04°54.36'W	5th Class	

7513	Loch Goil Maytime Barge	Loch Goil	56°09.41'N 04°53.98'W	5th Class	Mooring only
7518	Pendine Ginst Point	Pembroke	51°41.42N 04°24.18'W	5th Class	
7519	Pendine Towyn Point	Pembroke	51°43.90N 04°23.30'W	5th Class	
7520	Albert Harbour Pontoon	BUTEC	57°16'46.6"N 5°42'27.8"W	5th Class	Mooring only
7521	Loch Goil Power Raft	Loch Goil	56° 08.540' N 004° 53.33' W	5th Class	
7523	Ru-Na-Lachan A & B Cable Corridor	BUTEC	57°28.33'N 05°52.60'W	5th Class	
7524	Loch Goil Saddle Raft	Loch Goil	56°08.36'N 04°53.12'W	5th Class	
7525	Loch Goil Signal Raft	Loch Goil	56° 08.54' N 004° 53.58' W	5th Class	Mooring only
7526	Loch Fyne Signal Raft Rosebank	Loch Fyne	56° 11.915' N 005° 04.540' W	5th Class	Mooring only
9203	C33 - North Buoy South Buoy	Clyde- Garloch	56 03.371N 004 50.096W 56 03.295N 004 50.045W	2nd Class	

7527	Loch Goil Secondary Buoy Trot - Northerly Southerly	Loch Goil	56°09.393'N 004°54.594'W 56°09.393'N 004°54.594'W	5th Class	
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PART 4 - UK TARGETS AND TARGET MOORINGS INVENTORY

ID No	Moorings	Area	Position	Class	Remarks
1647	Fowey No 5 Tri Plane Target	Devonport	50°07.01N 04°30.00'W	Peg Top	FOST(S)
4901	Lilstock Whaleback Targets	Pembroke	51°12.95N 03°12.70'W	Target Special	-Unlit; VLN
5903	Donna Nook 9m Target	Donna Nook	53°28.47'N 00°12.07'E	Target Special	RAF
7911	Quebec Target Mooring	Pembroke	52°18.0'N 04°50.4'W	Target Special	QQ
7912	November Target Mooring	Pembroke	52°22.6N 04°47.3'W	Target Special	QQ
7915	Alpha Target Mooring	Pembroke	52°26.73'N 04°51.74'W	Target Special	QQ
7916	X-Ray Target Mooring	Pembroke	52°25.07'N 04°39.96'W	Target Special	QQ
7917	Yankee Mooring	Pembroke	52°25.07'N 04°44.32W	Target Special	QQ

PART 5 - UK NAVIGATION BUOYS INVENTORY

Table 1 of Part 5: Navigation Buoys in the Mooring Maintenance Programme

ID No	Moorings	Area	Position	Class	Category	Priority	Remarks
160 1	Anthony Passage	Devonport	50°23.53N 04°13.87'W	Nav Buoy	Cat 3	5	Unlit
160 2	Ash	Devonport	50°21.65N 04°08.78'W	Nav Buoy	Cat 3	5	
160 3	Asia	Devonport	50°21.53N 04°08.82'W	Nav Buoy	Cat 3	5	
160 4	Battery	Devonport	50°21.49N 04°10.14'W	Nav Buoy	Cat 3	5	
160 5	Beggars Island	Devonport	50°23.70N 04°12.83'W	Nav Buoy	Cat 3	5	Unlit
160 6	Cargreen Ski Area	Devonport	50°26.18N 04°11.73'W	Nav Buoy	Cat 3	5	Unlit
160 7	Cremyll Shoal	Devonport	50°21.70N 04°10.39'W	Nav Buoy	Cat 3	5	
160 8	Draystone	Devonport	50°18.00N 04°11.03'W	Nav Buoy	Cat 3	5	
160 9	Duke Rock	Devonport	50°20.28N 04°08.16'W	Nav Buoy	Cat 3	5	
161 0	Dunstone Rock	Devonport	50°21.13N 04°07.79'W	Nav Buoy	Cat 3	5	Unlit
161 1	East Tinker	Devonport	50°19.17N 04°08.23'W	Nav Buoy	Cat 3	5	
161 2	East Vanguard	Devonport	50°21.43N 04°09.63'W	Nav Buoy	Cat 3	5	
161 3	Fylrix	Devonport	50°21.05N 04°07.05'W	Nav Buoy	Cat 3	5	
161 4	Hand Deep	Devonport	50°12.7N 04°21.0'W	Nav Buoy	Cat 3	5	

161 5	Kildare Rock	Devonport	50°20.70N 04°08.70'W	Nav Buoy	Cat 3	5	Unlit
161 6	Knap	Devonport	50°19.53N 04°10.63'W	Nav Buoy	Cat 3	5	
161 7	Lyner Entrance	Devonport	50°23.76N 04°12.78'W	Nav Buoy	Cat 3	5	
161 8	Melampus	Devonport	50°21.12N 04°08.66'W	Nav Buoy	Cat 3	5	
161 9	NE Winter	Devonport	50°21.50N 04°08.43'W	Nav Buoy	Cat 3	5	
162 0	Neal Point	Devonport	50°25.12N 04°11.13'W	Nav Buoy	Cat 3	5	Unlit
162 1	New Ground	Devonport	50°20.74N 04°09.61'W	Nav Buoy	Cat 3	5	
162 4	North Drakes Island	Devonport	50°21.49N 04°09.32'W	Nav Buoy	Cat 3	5	
162 5	NW Drakes Island	Devonport	50°21.38N 04°09.43'W	Nav Buoy	Cat 3	5	
162 6	NW Winter	Devonport	50°21.50N 04°08.63'W	Nav Buoy	Cat 3	5	
162 7	Queens Ground	Devonport	50°20.26N 04°10.01'W	Nav Buoy	Cat 3	5	
162 9	Sandacre Point	Devonport	50°30.51N 04°13.35'W	Nav Buoy	Cat 3	5	
163 0	South Mallard	Devonport	50°21.48N 04°08.23'W	Nav Buoy	Cat 3	5	
163 1	South Rubble	Devonport	50°23.76N 04°12.78'W	Nav Buoy	Cat 3	5	
163 2	South Winter	Devonport	50°21.36N 04°08.48'W	Nav Buoy	Cat 3	5	
163 3	St Johns Lake	Devonport	50°22.10N 04°12.00'W	Nav Buoy	Cat 3	5	Unlit
163 4	Tamar North	Devonport	50°25.76N 04°12.13'W	Nav Buoy	Cat 3	5	

163 5	Tamar South	Devonport	50°25.33N 04°11.98'W	Nav Buoy	Cat 3	5	
163 6	Wacker Lake	Devonport	50°22.80N 04°15.84'W	Nav Buoy	Cat 3	5	Unlit
163 7	Warren Point	Devonport	50°25.58N 04°11.88'W	Nav Buoy	Cat 3	5	Unlit
163 8	West Mallard	Devonport	50°21.54N 04°08.29'W	Nav Buoy	Cat 3	5	
163 9	West Mud	Devonport	50°21.72N 04°11.38'W	Nav Buoy	Cat 3	5	
164 0	West Mud (N)	Devonport	50°22.00N 04°11.66'W	Nav Buoy	Cat 3	5	Unlit
164 1	West Mud (S)	Devonport	50°21.65N 04°11.33'W	Nav Buoy	Cat 3	5	Unlit
164 2	West Tinker	Devonport	50°19.22N 04°08.57'W	Nav Buoy	Cat 3	5	
164 3	West Vanguard	Devonport	50°21.45N 04°09.91'W	Nav Buoy	Cat 3	5	
164 4	Dodman Point "A"	Devonport	50°08.97N 04°46.30'W	Nav Buoy	Cat 3	5	
164 5	Dodman Point "B"	Devonport	50°10.90N 04°45.40'W	Nav Buoy	Cat 3	5	
164 6	Dodman Point "C"	Devonport	50°11.05N 04°46.40'W	Nav Buoy	Cat 3	5	
164 8	Naval Gunfire Support A	Devonport	50°33.31N 02°06.44'W	Nav Buoy	Cat 3	5	
164 9	Naval Gunfire Support B	Devonport	50°32.07N 02°05.84'W	Nav Buoy	Cat 3	5	
165 0	Naval Gunfire Support C	Devonport	50°32.72N 02°04.49'W	Nav Buoy	Cat 3	5	
165 1	Straight Point (N)	Exmouth	50°59.64N 03°31.63W	Nav Buoy	Cat 3	5	
165 2	Straight Point (S)	Exmouth	50°61.62N 03°18.80W	Nav Buoy	Cat 3	5	

165 3	Saint Nicholas	Devonport	50 21.556N 004 09.201W	Nav Buoy	Cat 3	5	
260 1	1 Bar	Portsmouth	50°46.74N 01°05.72'W	Nav Buoy	Cat 3	5	
260 2	2 Bar	Portsmouth	50°46.66N 01°05.88'W	Nav Buoy	Cat 3	5	
260 3	3 Bar	Portsmouth	50°46.03N 01°06.17'W	Nav Buoy	Cat 3	5	
260 4	4 Bar	Portsmouth	50°46.98N 01°06.27'W	Nav Buoy	Cat 3	5	
260 6	Bembridge Ledge	Portsmouth	50°41.10N 01°02.71'W	Nav Buoy	Cat 3	5	
260 7	Boyne	Portsmouth	50°46.11N 01°05.18'W	Nav Buoy	Cat 3	5	
260 8	Browdown	Portsmouth	50°46.52N 01°10.86'W	Nav Buoy	Cat 3	5	
260 9	Cambrian Wreck	Portsmouth	50°44.40N 01°03.32'W	Nav Buoy	Cat 3	5	Unlit
261 0	Castle	Portsmouth	50°46.42N 01°05.29'W	Nav Buoy	Cat 3	5	
261 1	Dean Elbow	Portsmouth	50°43.66N 01°01.75'W	Nav Buoy	Cat 3	5	
261 2	Dean Tail (N)	Portsmouth	50°43.10N 00°59.49'W	Nav Buoy	Cat 3	5	
261 3	Dean Tail (S)	Portsmouth	50°42.88N 00°59.49'W	Nav Buoy	Cat 3	5	
261 5	E Bramble	Portsmouth	50°47.20N 01°13.55'W	Nav Buoy	Cat 3	5	
261 6	Foul Ground (1)	Portsmouth	50°48.93N 01°07.56'W	Nav Buoy	Cat 3	5	Unlit
261 7	Foul Ground (2)	Portsmouth	50°48.65N 01°06.80'W	Nav Buoy	Cat 3	5	Unlit
261 8	Horse Elbow	Portsmouth	50°44.32N 01°03.80'W	Nav Buoy	Cat 3	5	

261 9	Horse Sand	Portsmouth	50°45.48N 01°05.16'W	Nav Buoy	Cat 3	5	
262 1	Motherbank	Portsmouth	50°45.46N 01°11.14'W	Nav Buoy	Cat 3	5	
262 2	N Ryde Middle	Portsmouth	50°46.59N 01°14.30'W	Nav Buoy	Cat 3	5	
262 3	N Sturbridge	Portsmouth	50°45.30N 01°08.14'W	Nav Buoy	Cat 3	5	
262 4	Nab East	Portsmouth	50°42.82N 01°42.00'W	Nav Buoy	Cat 3	5	
262 5	Nab End	Portsmouth	50°42.60N 00°59.40'W	Nav Buoy	Cat 3	5	
262 7	NE Ryde Middle	Portsmouth	50°46.18N 01°11.80'W	Nav Buoy	Cat 3	5	
262 8	NE Tongue Sand Tower	Thames	51°29.65N 01°22.18'E	Nav Buoy	Cat 3	5	
262 9	Norris	Portsmouth	50°45.93N 01°15.43'W	Nav Buoy	Cat 3	5	
263 0	NW Rough Tower	Thames	51°53.80N 01°28.90'E	Nav Buoy	Cat 3	5	
263 1	Oriana	Thames	51°46.80N 01°16.95'E	Nav Buoy	Cat 3	5	Unlit
263 2	OSB	Portsmouth	50°45.55N 01°05.42'W	Nav Buoy	Cat 3	5	
263 3	Peel Bank	Portsmouth	50°45.56N 01°13.26'W	Nav Buoy	Cat 3	5	
263 4	Peel Wreck	Portsmouth	50°44.85N 01°13.80'W	Nav Buoy	Cat 3	5	Unlit
263 5	Spit Elbow	Portsmouth	50°46.41N 01°05.57'W	Nav Buoy	Cat 3	5	
263 6	S Ryde Middle	Portsmouth	50°46.10N 01°14.09'W	Nav Buoy	Cat 3	5	
263 7	Saddle	Portsmouth	50°45.00N 01°04.66'W	Nav Buoy	Cat 3	5	

263 8	SE Rough Tower	Thames	51°53.61N 01°29.06'E	Nav Buoy	Cat 3	5	
263 9	SE Ryde Middle	Portsmouth	50°45.90N 01°12.00'W	Nav Buoy	Cat 3	5	
264 0	Spit Refuge	Portsmouth	50°46.12N 01°05.37'W	Nav Buoy	Cat 3	5	
264 2	Stokes Bay Pier	Portsmouth	50°46.58N 01°09.00'W	Nav Buoy	Cat 3	5	Unlit
264 4	East Tongue Sand	Thames	51°21.40N 01°22.12'E	Nav Buoy	Cat 3	5	
264 5	W Princessa	Portsmouth	50°42.12N 01°03.56'W	Nav Buoy	Cat 3	5	
264 6	W Ryde Middle	Portsmouth	50°46.45N 01°15.70'W	Nav Buoy	Cat 3	5	
264 7	Warner	Portsmouth	50°43.84N 01°03.91'W	Nav Buoy	Cat 3	5	
264 8	Winner	Portsmouth	50°45.07N 01°00.01'W	Nav Buoy	Cat 3	5	Unlit
264 9	St Helens	Portsmouth	50°43.32N 01°02.32'W	Nav Buoy	Cat 3	5	
265 0	Horse Tail	Portsmouth	50°43.20N 01°00.14'W	Nav Buoy	Cat 3	5	
265 1	Dean Tail	Portsmouth	50°42.95N 00°59.08'W	Nav Buoy	Cat 3	5	
265 3	Wooten Creek	Portsmouth	PORT 50 44.098' N 001 12.820' W STBD 50 44.125' N 001 12.820' W	Nav Buoy	Cat 3	5	
360 8	Loch Ewe Fairway	Loch Ewe	57°52.00"N 05°40.01'W	Nav Buoy	Cat 3	5	
360 9	Rhu South West	Gareloch	56°00.67'N 04°47.45'W	Nav Buoy	Cat 3	5	
361 1	Loch Carnan Landfall	Loch Carnan	57°22.16'N 07°11.30'W	Nav Buoy	Cat 3	5	
3612	Millbeg Bank Buoy	Clyde	55°25.53'N 05°33.93'W	Nav Buoy	Cat 3	5	

3613	Loch Ewe No 1	Loch Ewe	57°51.00'N 05°40.01'W	Nav Buoy	Cat 3	5	
3614	Loch Goil Port Hand Buoy No1	Loch Goil	56°05.85'N 04°52.65'W	Nav Buoy	Cat 3	5	
3615	Loch Carnan No 1 Port	Loch Carnan	57°22.33'N 07°13.83'W	Nav Buoy	Cat 3	5	
3617	Loch Carnan No 1 Starboard	Loch Carnan	57°22.45'N 07°14.87'W	Nav Buoy	Cat 3	5	
3620	Loch Goil Port Hand Buoy No 2	Loch Goil	56°06.08'N 04°53.03'W	Nav Buoy	Cat 3	5	
3622	Loch Carnan No 2 Port	Loch Carnan	57°22.32'N 07°14.90'W	Nav Buoy	Cat 3	5	
3623	Loch Carnan No 2 Starboard	Loch Carnan	57°22.13'N 07°16.12'W	Nav Buoy	Cat 3	5	
3624	Loch Goil Starboard Hand Buoy No 3	Loch Goil	56°06.17'N 04°52.90'W	Nav Buoy	Cat 3	5	
3625	Loch Carnan No 3 Port	Loch Carnan	57°22.34'N 07°15.53'W	Nav Buoy	Cat 3	5	
3628	Loch Carnan No 4 Port	Loch Carnan	57°22.28'N 07°15.82'W	Nav Buoy	Cat 3	5	
3635	Loch Fyne P	Loch Fyne	56°00.23'N 05°22.05'W	Nav Buoy	Cat 3	5	
3636	Loch Fyne Q	Loch Fyne	56°00.96'N 05°26.60'W	Nav Buoy	Cat 3	5	
3639	Rhu North East	Gareloch	56°01.03'N 04°47.52'W	Nav Buoy	Cat 3	5	
3640	Rhu North West	Gareloch	56°00.93'N 04°47.72'W	Nav Buoy	Cat 3	5	
3641	Rhu South East	Gareloch	56°00.65'N 04°47.10'W	Nav Buoy	Cat 3	5	
3645	Loch Fyne X	Loch Fyne	56°06.32'N 05°14.00'W	Nav Buoy	Cat 3	5	
3647	Cape Wrath Target Buoy	Cape Wrath	58°36.9'N 04°49.1'W	Nav Buoy	Cat 3	5	
3660	Rhu Channel No 2	Gareloch	55°59.759'N 004°45.481'W	Nav Buoy	Cat 2		
3661	Rhu Channel No 4	Gareloch	56°00.161'N 004°46.159'W	Nav Buoy	Cat 2		
3662	Rhu Channel No 6	Gareloch	56°00.420'N 004°47.080'W	Nav Buoy	Cat 2		
4602	Car Spit No 2	Pembroke	51°42.08'N 04°57.57'W	Nav Buoy	Cat 3	5	
4604	Dockyard Bank No 4	Pembroke	51°42.00'N 04°57.00'W	Nav Buoy	Cat 3	5	
4605	Lilstock Start	Pembroke	51°12.70'N 03°14.30'W	Nav Buoy	Cat 3	5	Unlit
4606	Lilstock DZ No 1	Pembroke	51°15.25'N 03°09.40'W	Nav Buoy	Cat 3	5	
4607	Lilstock DZ No 2	Pembroke	51°13.75'N 03°17.10'W	Nav Buoy	Cat 3	5	
4608	Lilstock DZ No 3	Pembroke	51°15.50'N 03°14.90'W	Nav Buoy	Cat 3	5	
4609	Lilstock Stop	Pembroke	51°13.95'N 03°12.70'W	Nav Buoy	Cat 3	5	Unlit
4611	RTB No 6	Pembroke	50°32.50'N 05°23.00'W	Nav Buoy	Cat 3	5	
4612	Manorbier	Pembroke	51°36.57'N 04°46.32'W	Nav Buoy	Cat 3	5	
5611	Donna Nook No 1 DZ buoy	Donna Nook Range	53°29.47'N 00°12.85'E	Nav Buoy	Cat 3	5	
5612	Donna Nook No 2 DZ Buoy	Donna Nook Range	53°29.38'N 00°16.20'E	Nav Buoy	Cat 3	5	

5613	Donna Nook No 3 DZ Buoy	Donna Nook Range	53°29.28'N 00°19.32'E	Nav Buoy	Cat 3	5	
5614	Donna Nook No 4 DZ Buoy	Donna Nook Range	53°27.13'N 00°19.20'E	Nav Buoy	Cat 3	5	
5615	Donna Nook No 5 DZ Buoy	Donna Nook Range	53°26.43'N 00°16.60'E	Nav Buoy	Cat 3	5	
5616	Donna Nook No 6 DZ Buoy	Donna Nook Range	53°25.73'N 00°13.90'E	Nav Buoy	Cat 3	5	
5617	Holbeach DZ	The Wash Holbeach	52°54.35'N 00°13.00'E	Nav Buoy	Cat 3	5	Unlit
5618	Holbeach DZ	The Wash Holbeach	52°53.70'N 00°13.42'E	Nav Buoy	Cat 3	5	Unlit
5619	Holbeach DZ	The Wash Holbeach	52°53.00'N 00°13.42'E	Nav Buoy	Cat 3	5	Unlit
	Holbeach DZ 2	The Wash Holbeach	52°54'25"N 00°07'28"E	Nav Buoy	Cat 3	5	
	Holbeach DZ 3	The Wash Holbeach	52°54'45"N 00°09'46"E	Nav Buoy	Cat 3	5	
	Holbeach DZ 5	The Wash Holbeach	52°55'6"N 00°11'28"E	Nav Buoy	Cat 3	5	
	Holbeach DZ 10	The Wash Holbeach	52°51'23"N 00°13'00"E	Nav Buoy	Cat 3	5	
	Holbeach DZ 11	The Wash Holbeach	52°50'56"N 00°12'31"E	Nav Buoy	Cat 3	5	
5636	Wainfleet No 1 DZ	The Wash Wainfleet	53°03.34'N 00°19.75'E	Nav Buoy	Cat 3	5	Unlit
5637	Wainfleet No 2 DZ	The Wash Wainfleet	53°02.98'N 00°18.65'E	Nav Buoy	Cat 3	5	Unlit
5638	Wainfleet No 3 DZ	The Wash Wainfleet	53°02.35'N 00°17.10'E	Nav Buoy	Cat 3	5	Unlit
5642	Whitley Bay EOD	Whitley Bay	55°04.00'N 01°25.20'W	Nav Buoy	Cat 3	5	
5643	Natal Buoy	Cromarty Firth	57°41.25'N 04°05.02'W	Nav Buoy	Cat 3	5	
7601	Luce Bay No 1 DZ	Luce Bay	54°49.83'N 04°47.74'W	Nav Buoy	Cat 3	5	
7602	Luce Bay No 10 Dz	Luce Bay	54°45.39'N 04°54.96'W	Nav Buoy	Cat 3	5	
7603	Luce Bay No 11 DZ	Luce Bay	54°47.21'N 04°55.15'W	Nav Buoy	Cat 3	5	
7604	Luce Bay No 2 DZ	Luce Bay	54°48.64'N 04°43.05'W	Nav Buoy	Cat 3	5	

7605	Luce Bay No 3 DZ	Luce Bay	54°46.55'N 04°38.63'W	Nav Buoy	Cat 3	5	
7606	Luce Bay No 4 DZ	Luce Bay	54°45.01'N 04°36.73'W	Nav Buoy	Cat 3	5	
7607	Luce Bay No 5 DZ	Luce Bay	54°44.78'N 04°35.83'W	Nav Buoy	Cat 3	5	
7608	Luce Bay No 6 DZ	Luce Bay	54°40.84'N 04°35.62'W	Nav Buoy	Cat 3	5	
7609	Luce Bay No 7 DZ	Luce Bay	54°40.20'N 04°50.35'W	Nav Buoy	Cat 3	5	
7610	Luce Bay No 8 DZ	Luce Bay	54°41.11'N 04°51.21'W	Nav Buoy	Cat 3	5	
7611	Luce Bay No 9 DZ	Luce Bay	54°42.25'N 04°53.51'W	Nav Buoy	Cat 3	5	
7618	Ardmore No 10	Clyde	55°59.02'N 04°45.62'W	Nav Buoy	Cat 3	5	
7623	Bute C Range Marker Buoy	BUTEC	57°24.20'N 05°55.43'W	Nav Buoy	Cat 3	5	
7624	Bute D Range Marker Buoy	BUTEC	57°24.20'N 06°00.50'W	Nav Buoy	Cat 3	5	
7628	MCMV DG Range Gate	Portland	50°36.36'N 02°26.22'W	Nav Buoy	Cat 3	5	Unlit
7629	MCMV DG Range Light	Portland	50°36.33'N 02°26.13'W	Nav Buoy	Cat 3	5	
7630	Noise Range NW 1	Portland	50°33.89'N 02°24.41'W	Nav Buoy	Cat 3	5	
7631	Noise Range NE 2	Portland	50°33.91'N 02°24.13'W	Nav Buoy	Cat 3	5	
7632	Noise Range SW 3	Portland	50°33.65'N 02°24.33'W	Nav Buoy	Cat 3	5	
7633	Noise Range SE 4	Portland	50°33.63'N 02°24.24'W	Nav Buoy	Cat 3	5	
7634	Open Sea Range (N)	Portland	50°18.97'N 04°09.86'W	Nav Buoy	Cat 3	5	
7635	Open Sea Range (S)	Portland	50°18.83'N 04°10.04'W	Nav Buoy	Cat 3	5	
7636	Pendine DZ No 1	Pembroke	51°42.00'N 04°35.90'W	Nav Buoy	Cat 3	5	Unlit
7637	Pendine DZ No 10	Pembroke	51°43.75'N 04°34.70'W	Nav Buoy	Cat 3	5	Unlit
7638	Pendine DZ No 2	Pembroke	51°39.95'N 04°37.60'W	Nav Buoy	Cat 3	5	
7639	Pendine DZ No 3	Pembroke	51°37.35'N 04°37.75'W	Nav Buoy	Cat 3	5	Unlit
7640	Pendine DZ No 4	Pembroke	51°35.70'N 04°39.95'W	Nav Buoy	Cat 3	5	
7641	Pendine DZ No 5	Pembroke	51°36.30'N 04°24.35'W	Nav Buoy	Cat 3	5	Unlit
7642	Pendine DZ No 6	Pembroke	51°38.00'N 04°24.35'W	Nav Buoy	Cat 3	5	Unlit
7643	Pendine DZ No 7	Pembroke	51°38.10'N 04°30.10'W	Nav Buoy	Cat 3	5	
7644	Pendine DZ No 8	Pembroke	51°41.50'N 04°24.30'W	Nav Buoy	Cat 3	5	Unlit
7645	Pendine DZ No 9	Pembroke	51°43.10'N 04°24.33'W	Nav Buoy	Cat 3	5	Unlit
7655	Rosneath Perch Rock	Gareloch	55°59.45'N 04°45.88'W	Nav Buoy	Cat 3	5	Unlit
7658	North Corridor Cable Marker Inner	BUTEC	57°28.52'N 05°52.45'W	Nav Buoy	Cat 3	5	Unlit
7659	North Corridor Cable Marker Outer	BUTEC	57°28.52'N 05°52.60'W	Nav Buoy	Cat 3	5	
7660	South Corridor Cable Markers Inner	BUTEC	57°28.25'N 05°52.45'W	Nav Buoy	Cat 3	5	Unlit

7661	South Corridor Cable Marker Outer	BUTEC	57°28.25'N 05°52.60'W	Nav Buoy	Cat 3	5	
7664	Luce Bay N IALA	Luce Bay	54°45.41'N 04°49.90'W	Nav Buoy	Cat 3	5	
7665	Luce Bay S IALA	Luce Bay	54°44.78'N 04°49.80'W	Nav Buoy	Cat 3	5	
7666	Luce Bay E IALA	Luce Bay	54°45.10'N 04°49.43'W	Nav Buoy	Cat 3	5	
7667	Luce Bay W IALA	Luce Bay	54°45.10'N 04°50.24'W	Nav Buoy	Cat 3	5	
9601	NATO A Campbeltown	Clyde	55°25.43'N 05°33.85'W	Nav Buoy	Cat 3		
9602	NATO B Campbeltown	Clyde	55°25.41'N 05°34.78'W	Nav Buoy	Cat 3		
9603	NATO C Campbeltown	Clyde	55°25.30'N 05°34.35'W	Nav Buoy	Cat 3		
9604	NATO D Loch Ewe	Loch Ewe	57°49.14'N 05°36.04'W	Nav Buoy	Cat 3		
9605	NATO E Loch Ewe	Loch Ewe	57°49.44'N 05°35.44'W	Nav Buoy	Cat 3		
9606	NATO F Loch Ewe	Loch Ewe	57°49.87'N 05°35.42'W	Nav Buoy	Cat 3		

Table 2 of Part 5: Other Navigation Buoys maintained by separate arrangement

ID No	Moorings	Area	Position	Class	Category	Priority	Remarks
X603	Sunk Head Tower	Thames		Nav Buoy	Cat 2		See notes against Line Item 3.8.3.2 regards Trinity House.

PART 6A - FOREIGN MOORINGS, NAVIGATION BUOYS & TARGETS INVENTORY

	TABLE 6A:				
ID No		Area	Position	Class	Category
	Cyprus				
10601	SBA 1	Akrotiri	34° 34.1'N 33° 02.5'E	Nav	Class 3
10602	SBA 2	Akrotiri	34° 35.4'N 33° 01.8'E	Nav	Class 3
10603	SBA 3	Akrotiri	34° 36.2'N 33° 01.4'E	Nav	Class 3
10606	DZ East	Akrotiri	34° 32.6'N 32° 57.8'E	Nav	Class 3
10607	DZ West	Akrotiri	34° 32.6'N 32° 55.9'E	Nav	Class 3
10609	Episkopi DZ SE	Episkopi	34° 37.2'N 32° 50.8'E	Nav	Class 3
10610	Episkopi Lead In	Episkopi	34° 37.5'N 32° 45.7'E	Nav	Class 3
10614	Pyla No 1	Dhekelia	34° 57.175'N 033° 49.472'E	Nav	Class 3
10615	Pyla No 2	Dhekelia	34° 56.739'N 033° 48.934'E	Nav	Class 3
10611	Pyla No 3 (Formerly Pyla 1)	Dhekelia	34° 56.1'N 33° 33.4'E	Nav	Class 3
10612	Pyla No 4 (Formerly Pyla 2)	Dhekelia	34° 54.4'N 33° 50.7'E	Nav	Class 3
10613	Pyla No 5 (Formerly Pyla 3)	Dhekelia	34° 54.9'N 33° 53.9'E	Nav	Class 3

10616	Pyla No 6	Dhekelia	34° 55.626'N 033° 53.390'E	Nav	Class 3
10617	Pyla No 7	Dhekelia	34° 56.276'N 033° 53.068'E	Nav	Class 3
10608	PLEM Buoy	Akrotiri	34° 34.8'N 33° 02.1'E	5th	Class 3
10604	Waiting Buoy (N)	Akrotiri	34° 34.6'N 33° 02.0'E	Nav	Class 3
10605	Waiting Buoy (S)	Akrotiri	34° 34.3'N 33° 02.4'E	Nav	Class 3
10102	Tanker Alpha	Akrotiri	34° 34.7'N 33° 02.1'E	First	
10103	Tanker Bravo	Akrotiri	34° 34.9'N 33° 02.0'E	First	
10104	Tanker Charlie	Akrotiri	34° 34.9'N 33° 02.1'E	First	
10101	Tanker Delta	Akrotiri	34° 34.7'N 33° 02.1'E	First	
	Gibraltar				
G604	Western Approach	Gibraltar	36° 09.1'N 5° 22.4'W	Nav	Class 3

PART 6B – FOREIGN MOORINGS NAVIGATION BUOYS & TARGETS INVENTORY – PROVISION OF MOORING MATERIALS ONLY

TABLE 6B: The following are provision of components only					
Falklands					
F205	East Cove Paint Cat	Mare Harbour	51° 54.1'S 58° 27.0'W	Fifth	
fop	Kukri Point	Mare Harbour	51° 54.570'S 058° 25.500'W	Fifth	
F601	Antelope Wreck Marker	San Carlos	51° 33.3'S 59° 03.5'W	Nav	Class 3
F602	Bravo Buoy	Mare Harbour	51° 56.8'S 58° 27.7'W	Nav	Class 3
F603	Charlie Catamaran	Mare Harbour	51° 55.5'S 58° 28.1'W	Nav	Class 3
F604	Delta Catamaran	Mare Harbour	51° 55.0'S 58° 28.6'W	Nav	Class 3
F605	Echo Catamaran	Mare Harbour	51° 54.3'S 58° 27.9'W	Nav	Class 3
F606	Foxtrot Catamaran	Mare Harbour	51° 54.3'S 58° 27.8'W	Nav	Class 3
F607	Golf Catamaran	Mare Harbour	51° 54.5'S 58° 29.5'W	Nav	Class 3
F608	Hotel Catamaran	Mare Harbour	51° 53.9'S 58° 30.4'W	Nav	Class 3
F609	Mike Catamaran	Mare Harbour	51° 54.4'S 58° 27.6'W	Nav	Class 3
F610	November Catamaran	Mare Harbour	51° 54.2'S 58° 27.1'W	Nav	Class 3
F611	Papa Catamaran	Mare Harbour	51° 54.3'S 58° 27.4'W	Nav	Class 3
Ascension					

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A501	West Bay	Ascension		5 th Class	
A502	East Bay	Ascension		5 th Class	

PART 7 – REPLACEMENTS UNDER THE MOORING REPLACEMENT PROGRAMME

Table 1 of Part 7: Replacements under the Mooring Replacement Programme

ID No	Moorings	Area	Class	Priority	Remarks
1001	'C' BUOY	Devonport	NRTB	1	
1002	'D' BUOY	Devonport	NRTB	1	
1003	'E' BUOY	Devonport	NRTB	1	Lit
1102	CAPITAL SHIP TROT B	Devonport	1 st Class	2	
1102	CAPITAL SHIP TROT C	Devonport	1st Class	2	
1301	'F'BUOY	Devonport	3rd Class	4	
2102	Z Mooring	Portsmouth	1st Class	2	
2204	Rame Head	Portsmouth	2nd Class	3	
2304	V Trot 1-2	Portsmouth	3rd Class	4	
2305	W Trot	Portsmouth	3rd Class	4	
3002	A8 Clyde NRTB	Clyde	NRTB	2	
3109	Broadford Bay Redacted under FOIA section 23 & 23: security bodies and national security	Isle of Skye	1 st Class	1	Lit
3201	Loch Ewe A 1 Redacted under FOIA section 23 & 23: security bodies and national security	Loch Ewe	2 nd Class	1	
3202	NATO C25 Tail of the Bank	Clyde	2nd Class	3	
3204	Gareloch Sierra Redacted under FOIA section 23 & 23: security bodies and national security	Gareloch	2nd Class	2	Lit
3402	Gareloch No 2 Trot	Gareloch	4th Class	4	
3405	Loch Ewe A 2	Loch Ewe	4th Class	4	
3407	Loch Goil D16 Accommodation	Loch Goil	4th Class	4	
5101	River Forth No 1 Mooring	River Forth	1st Class	2	
Navigation Buoys to be Replaced with Telemetry Buoys					
1644	Dodman Point "A"	Devonport	Cat 3	3	Lit

ID No	Moorings	Area	Class	Priority	Remarks
1645	Dodman Point "B"	Devonport	Cat 3	3	Lit
1646	Dodman Point "C"	Devonport	Cat 3	3	Lit
1648	Naval Gunfire Support A	Devonport	Cat 3	3	Lit
1649	Naval Gunfire Support B	Devonport	Cat 3	3	Lit
1650	Naval Gunfire Support C	Devonport	Cat 3	3	Lit
2630	NW Rough Tower	Thames	Cat 3	3	Lit
2631	Oriana	Thames	Cat 3	3	Lit
3635	Loch Fyne P	Loch Fyne	Cat 3	3	Lit
3636	Loch Fyne Q	Loch Fyne	Cat 3	3	Lit
3647	Cape Wrath Target Buoy	Cape Wrath	Cat 3	3	Unlit

Table 2 of Part 7: Optional additional replacement Moorings

ID No	Moorings	Area	Class	Priority	Remarks
10102	Tanker Mooring Alpha	Akrotiri	1st	Option	Priced as a Contract option – exercise of option will be in accordance with paragraph 15 of this Statement of Requirement.
10103	Tanker Mooring Bravo	Akrotiri	1st	Option	Priced as a Contract option – exercise of option will be in accordance with paragraph 15 of this Statement of Requirement.
10104	Tanker Mooring Charlie	Akrotiri	1st	Option	Priced as a Contract option – exercise of option will be in accordance with paragraph 15 of this Statement of Requirement.
10101	Tanker Mooring Delta	Akrotiri	1st	Option	Priced as a Contract option – exercise of option will be in accordance with paragraph 15 of this Statement of Requirement.

PART B - Redacted under FOIA section 23 & 23: security bodies and national security

[illegible]

