

Welcome
The Presentation will commence shortly

Second Submarine Radar

Market Engagement Event

1000

16 June 2025

Microsoft Teams

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Second Submarine Radar

Market Engagement Event

1000

16 June 2025

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Welcome and Introduction

- Che Wong (Commercial)
 - Mike Smerdon (Lead Eng)
 - Scott Booth (Eng)
-
- Second Submarine Radar (SSR)
 - ASTUTE & VANGUARD Class RN Submarines



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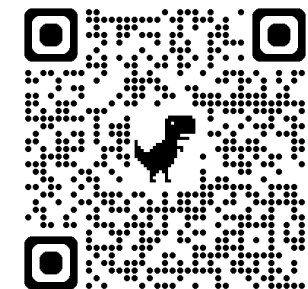


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Welcome and Introduction



Sense, Decide and Communicate (SDC)



Maritime Radar (MR)



**Maritime Radar Update Programme
(MRUP)**



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Housekeeping

- Microsoft Teams event
- Network signal
- Please keep microphone on mute
- Q&A will follow the presentation



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Market Engagement Event

What to expect

- 30-minute (approx.) Presentation 1010 -1040
- Questions and Answers 1040 -1110
- AoB 1110 - 1200

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Market Engagement Event

What to expect

- 30-minute (approx.) Presentation 1010 -1040
- Questions and Answers 1040 -1110
- AoB 1110 - 1200

Market Engagement Event

What to expect

- 30-minute (approx.) Presentation 1010 -1040
- Questions and Answers 1040 -1110
- AoB 1110 - 1200



Agenda

- Market Engagement Objective
- Rules of Engagement/Commercial Statement
- SSR Familiarisation
- SSR Challenges
- SSR Opportunity
- Indicative Timeline
- Closing Remarks
- Questions and Answers



Agenda

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Market Engagement Objective

- Brief the Authority's SSR requirements and desired outcomes
- Communicate the unique SSR operating environment
- Opportunity for Suppliers to ask questions



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- Communicate the unique SSR operating environment
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Rules of Engagement/Commercial Statement

- Engagement at OFFICIAL
- Questions will be answered to the best of MRUPs knowledge
- Please recognise that the project is in the early market engagement stage
- All participants to disclose any potential conflict at the outset



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Rules of Engagement/Commercial Statement

- Engagement does not signify the start of an official procurement process and there is no obligation for UK MoD to continue with the requirement following this event
- Any expenditure, work or effort undertaken prior to any offer and subsequent acceptance of contract, is a matter solely for your commercial judgement
- All discussion shall be considered “SUBJECT TO CONTRACT”. The UK MoD do not intend any discussions to be legally binding until a written contract has been agreed and signed by those with authority to do so



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Rules of Engagement/Commercial Statement

- All information regarding the requirement and specification, including question and answer from this market engagement event will be published/made available to all Suppliers after the event

(With the exception of sensitive information - including but not limited to proprietary information, commercially sensitive data, personal data, and business strategies)



Rules of Engagement/Commercial Statement

- The Authority will be conducting all applicable advertising and potential procurement exercises via the Defence Sourcing Portal (DSP). Interested parties are strongly encouraged to review the information published by DSP. Interested parties will need to gain access to DSP to ensure they acquire the most up to date information



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SSR Familiarisation

- Selection of current SSR equipment pictures
- 4 short SSR installation videos (note: no sound)



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SSR Familiarisation



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SSR Familiarisation

- Carriage solution in bridge



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SSR Familiarisation

- Radome Stowage



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SSR Familiarisation

- Radome Stowage



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SSR Familiarisation

- Radome Stowage



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SSR Familiarisation

- Radome Stowage

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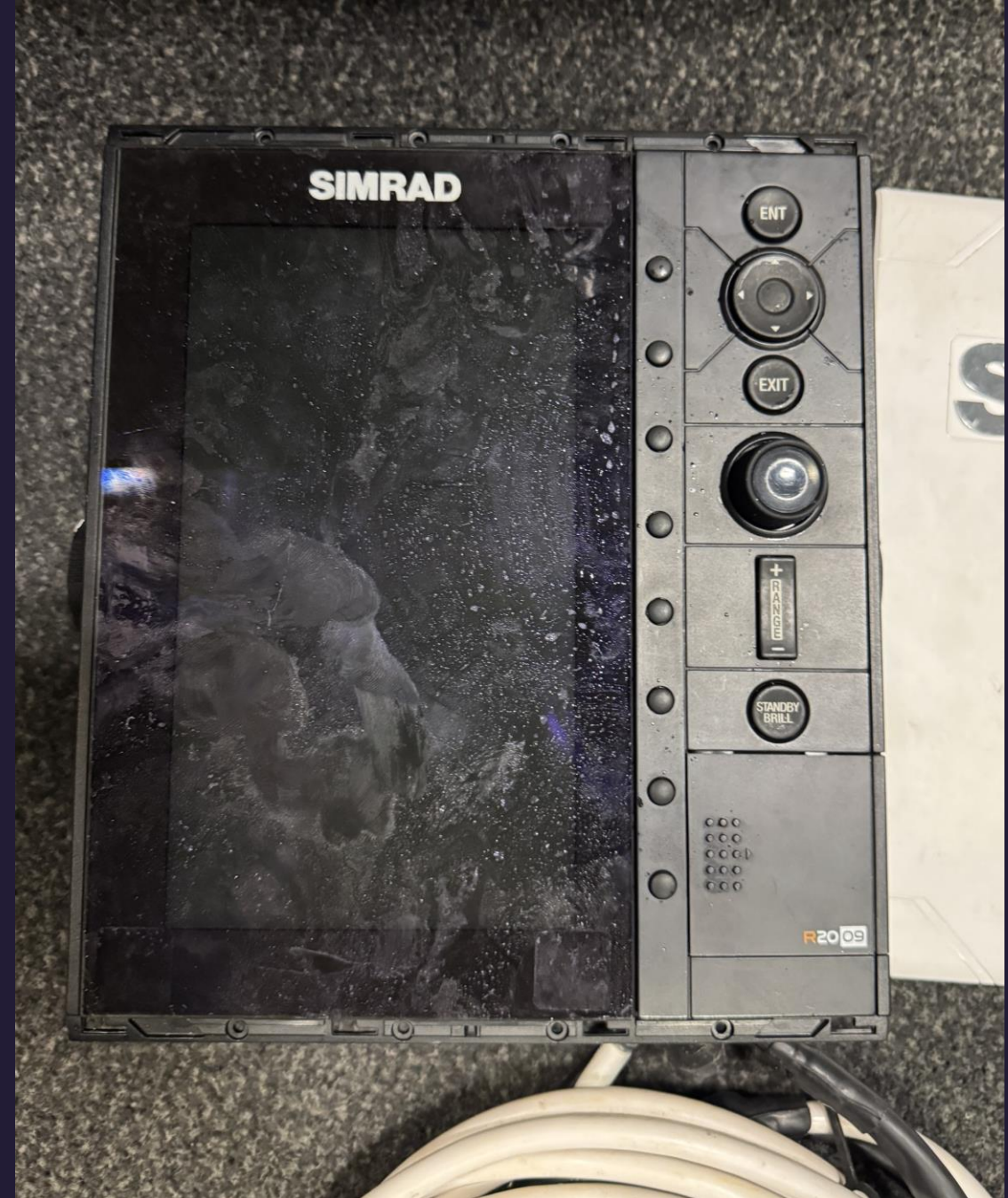


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SSR Familiarisation

- Radar Control Unit (Front)



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SSR Familiarisation

- Radar Control Unit
(Back)



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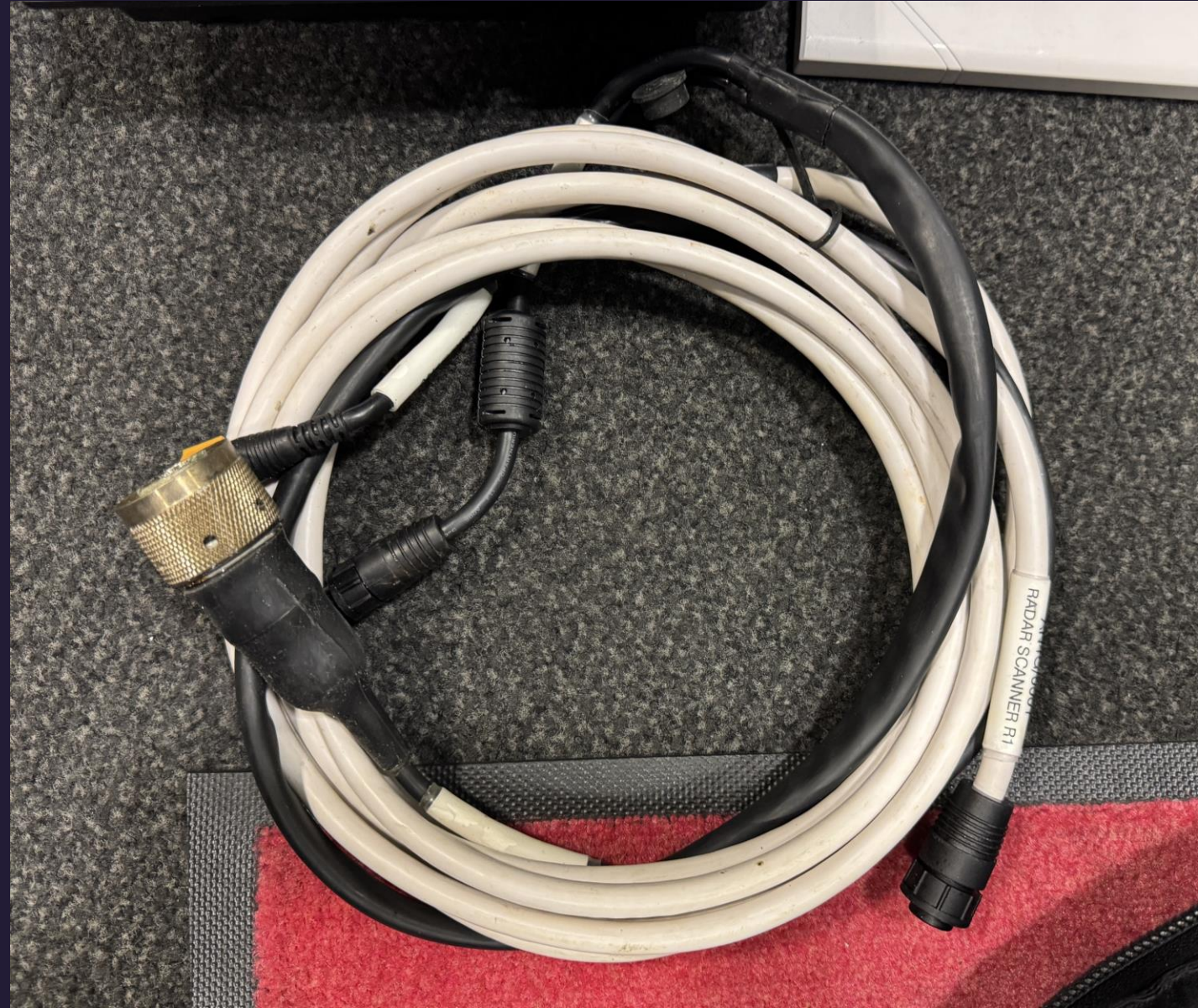


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SSR Familiarisation

- Cable



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SSR Familiarisation

- Radar Control Unit & Cable



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SSR Familiarisation

- Radar Control Unit Bracket



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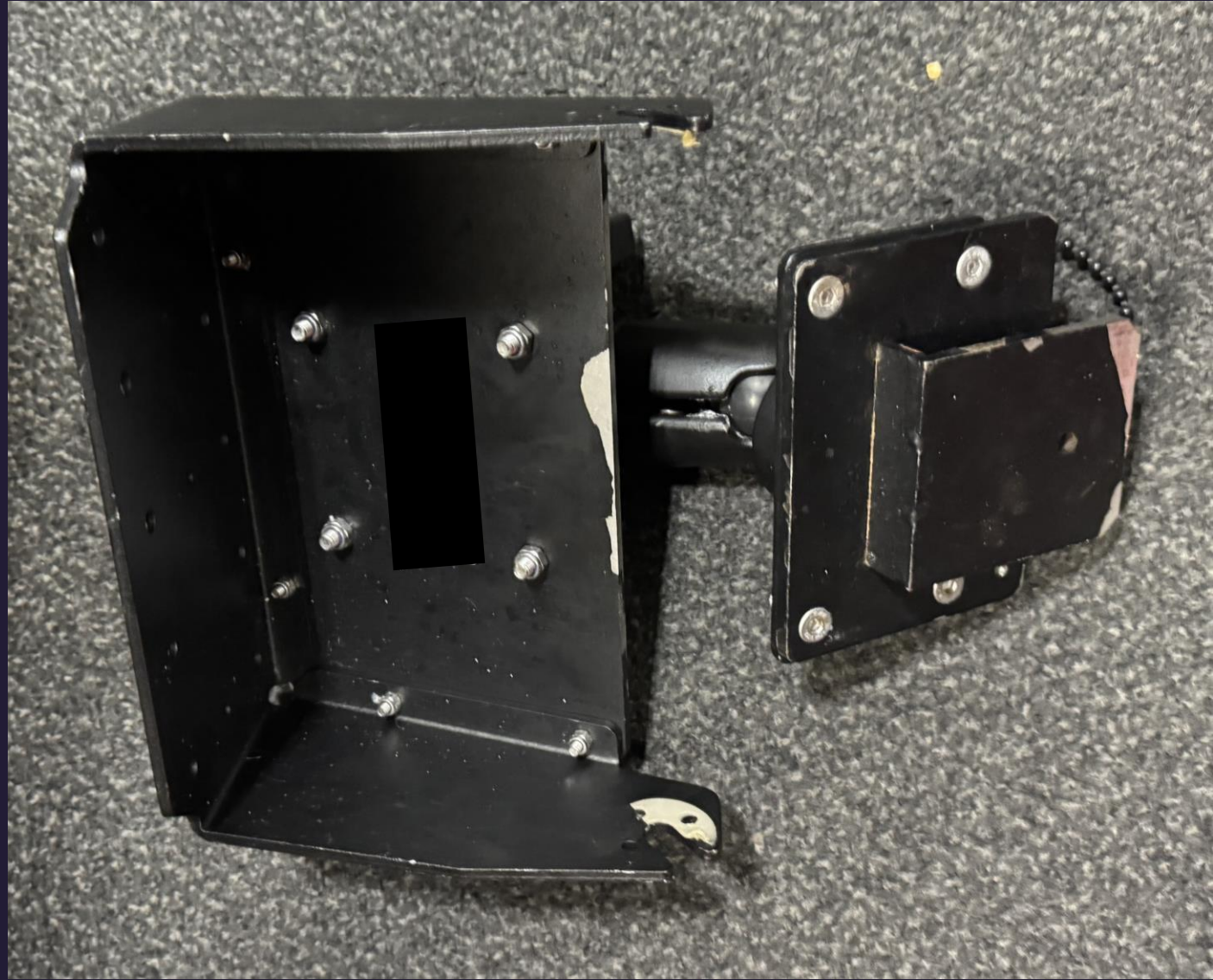


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SSR Familiarisation

- Radar Control Unit Bracket



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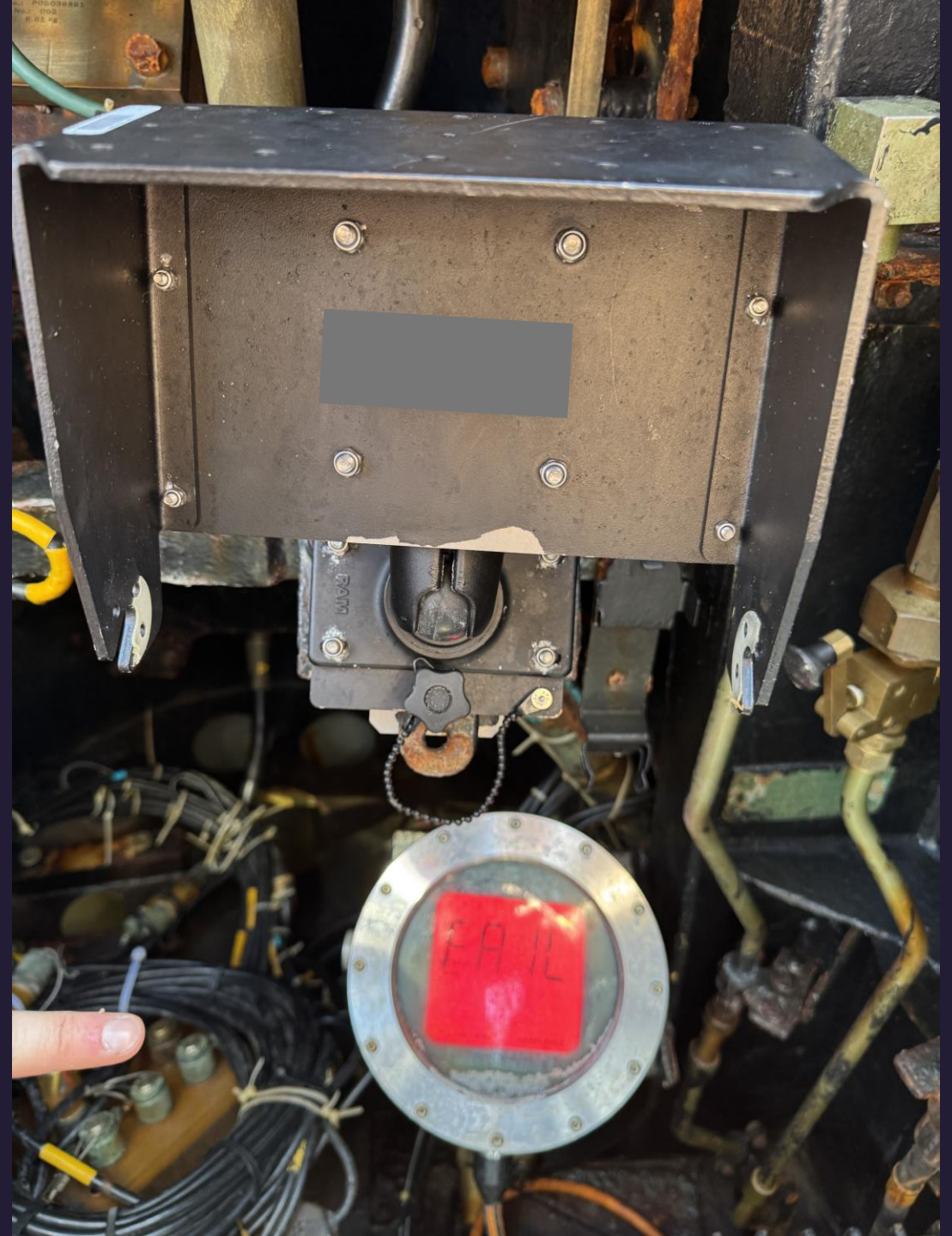


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SSR Familiarisation

- Radar Control Unit Bracket Installed



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SSR Familiarisation

- Radome Bracket



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SSR Familiarisation

- Radome Bracket
Masthead Steaming
Light Mast (MSLM)
Clamp



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SSR Familiarisation

- Radome Bracket
MSLM Clamp



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SSR Familiarisation

- Radome Bracket
MSLM Clamp



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SSR Familiarisation

- Hoisting Equipment

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SSR Familiarisation

- Hoisting Equipment

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SSR Familiarisation

- Hoisting Equipment

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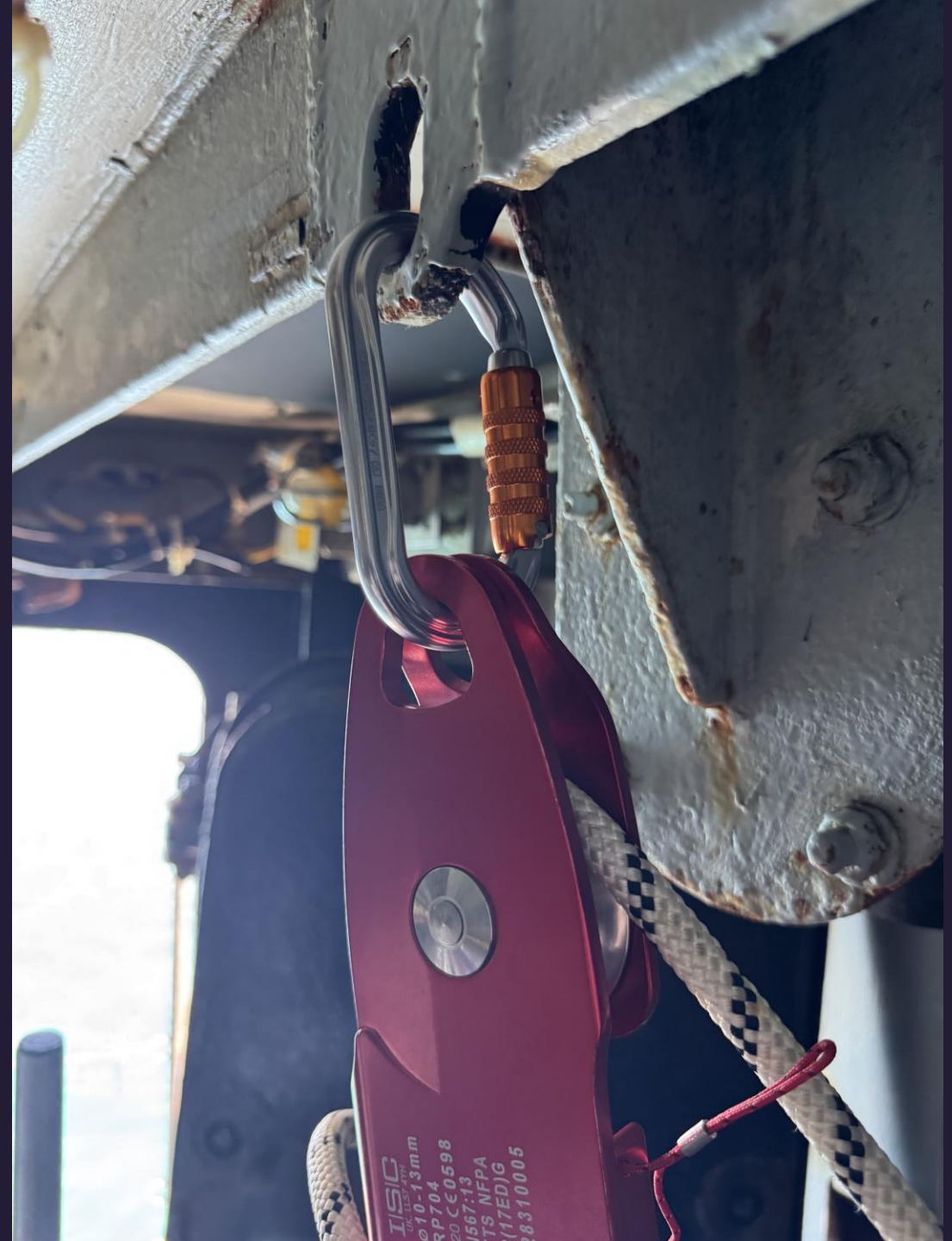
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SSR Familiarisation

- Hoisting Equipment

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SSR Familiarisation

- Hoisting Equipment

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SSR Familiarisation

- Hoisting Equipment



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SSR Familiarisation

- Masthead Steaming Light Mast (MSLM)

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SSR Familiarisation

- MSLM Notch





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SSR Familiarisation

- Radome Anchor Strap

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SSR Familiarisation

- Radome Installed

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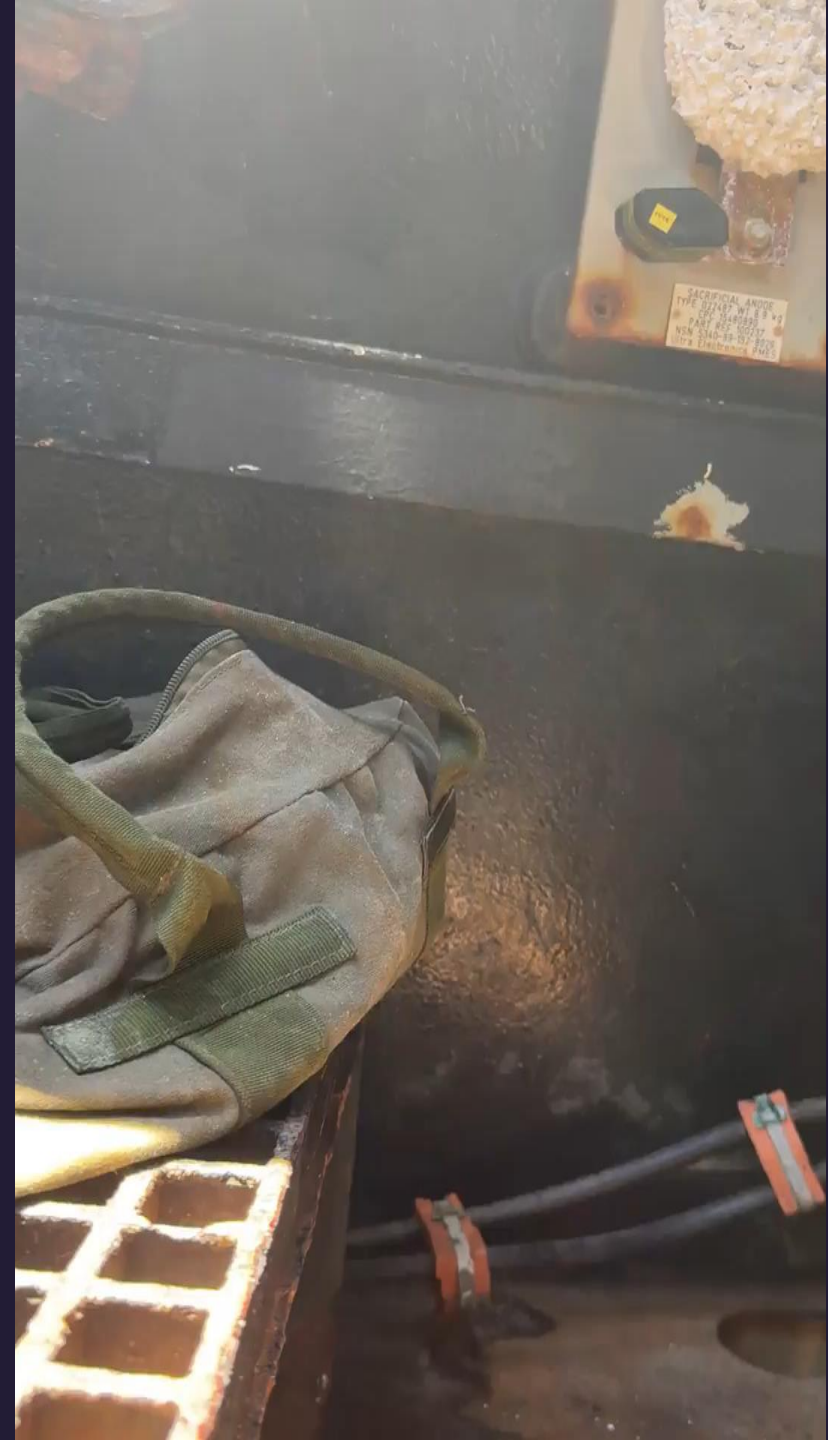
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SSR Familiarisation

- Bridge/Conning Tower transfer route

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SSR Familiarisation

- Radar Control Unit and Power Cable installation

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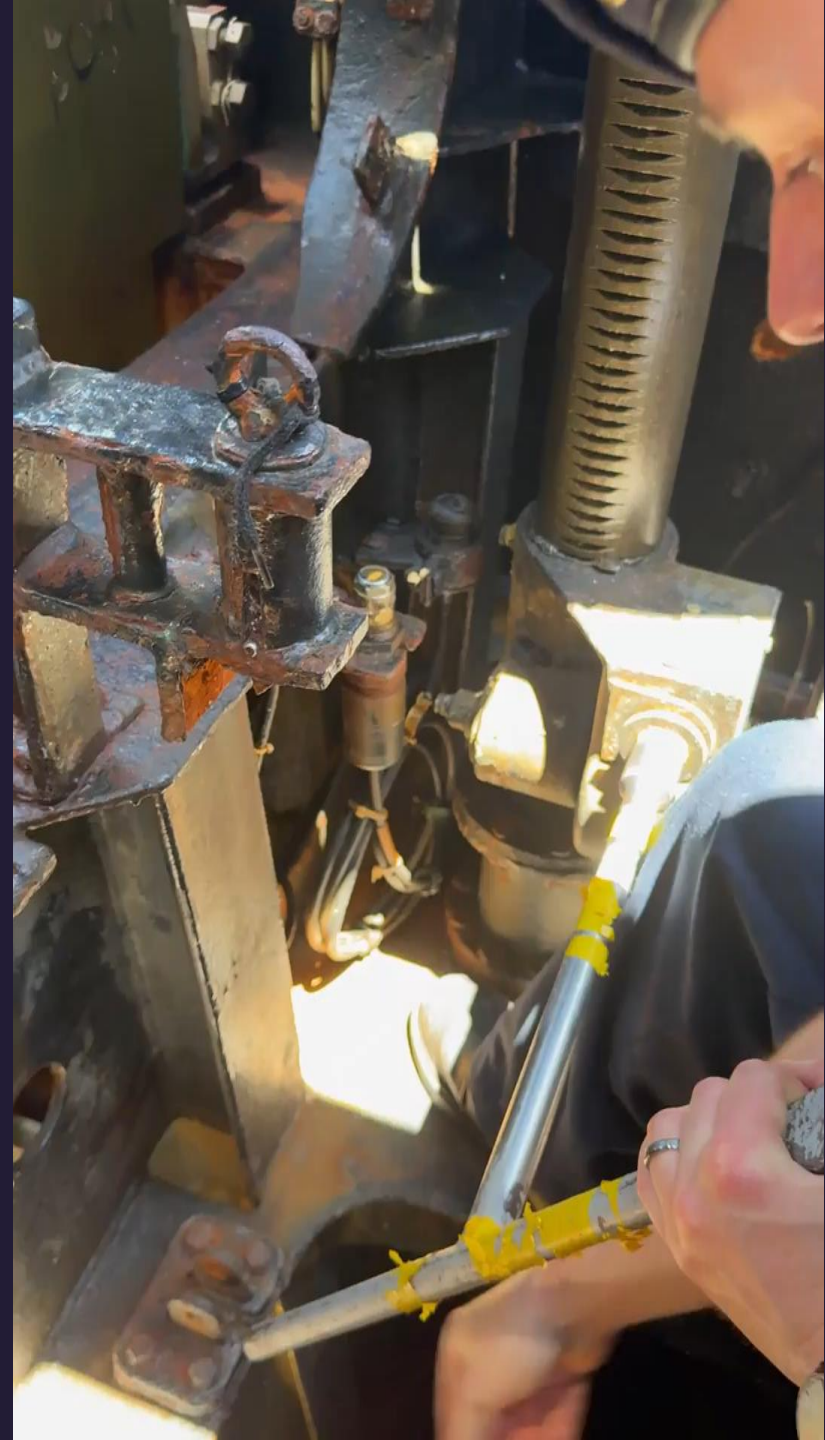
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SSR Familiarisation

- MHSL Raising

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SSR Familiarisation

- Radar Control Unit Power up



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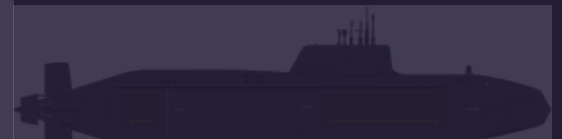
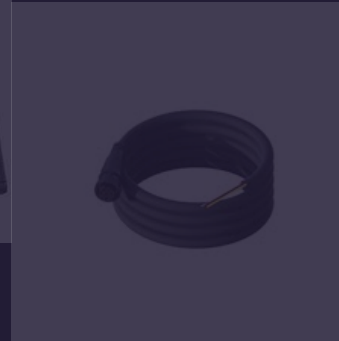
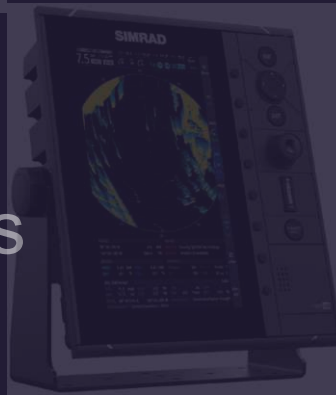


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SSR Challenges

- Operating Environment
- Ergonomics
- Manual Handling Requirement
- Failure rate
- Legislation Requirement
- Logistical difficulties
- Environmental Requirements



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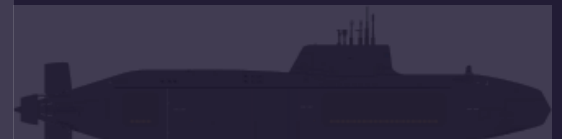
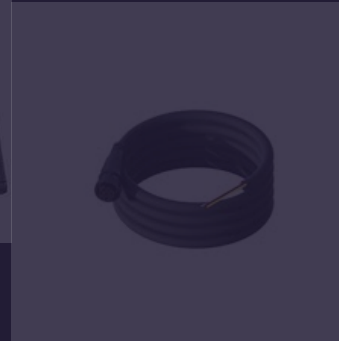
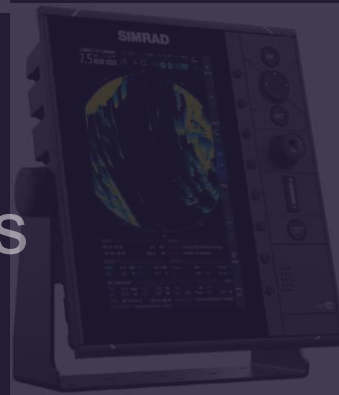


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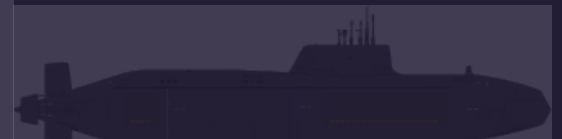
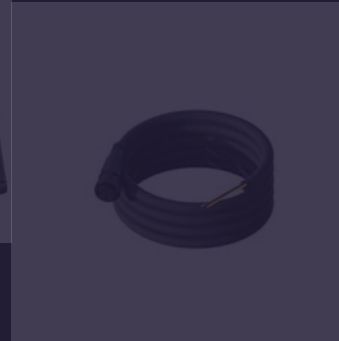
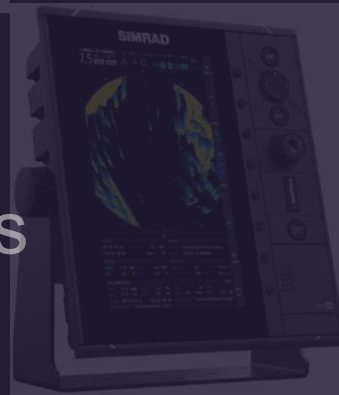


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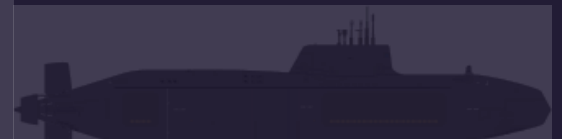
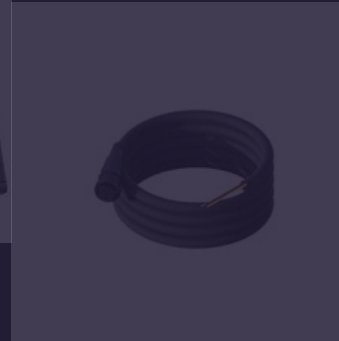
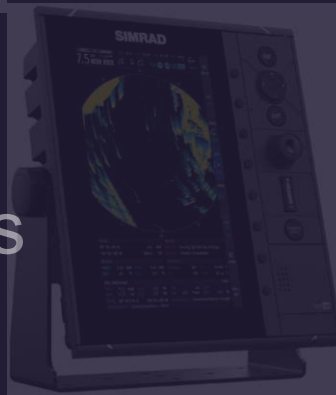


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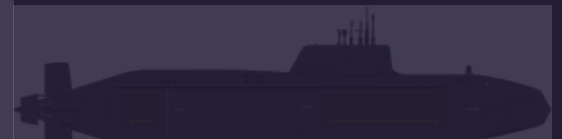
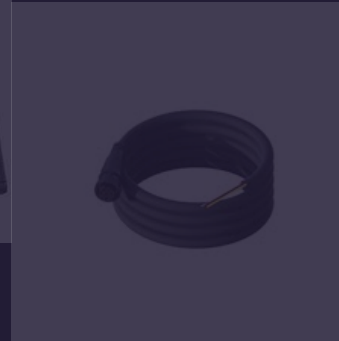
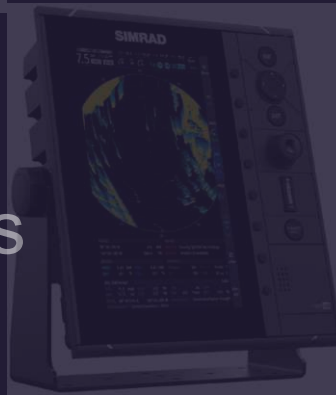


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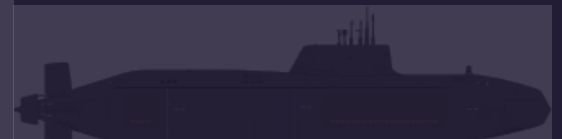
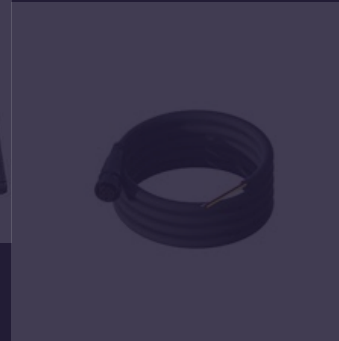
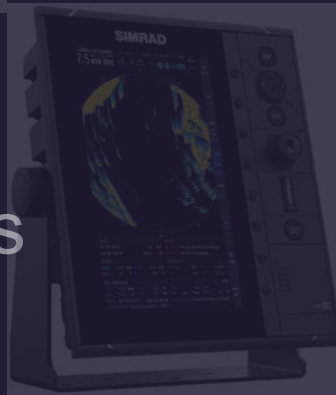


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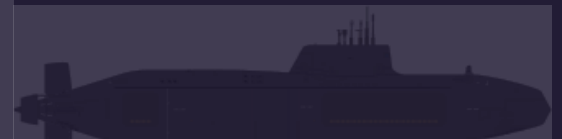
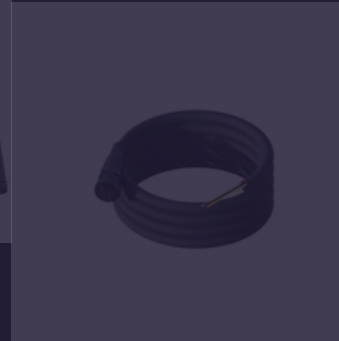
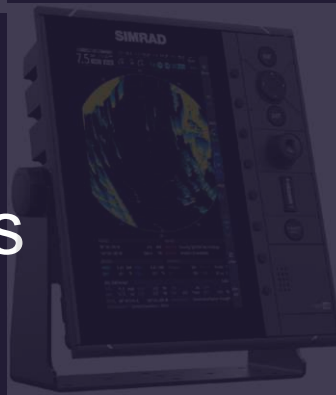


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SSR Opportunity

- Contribute to UK Continuous At Sea Deterrent (CASD)
- Provide a better user experience to Royal Navy (RN) Operators
- Improved availability through robustness
- MRUP keen to evaluate industry solutions
- 5-year contract

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Indicative Timeline

Procurement Specific Questionnaire (PSQ)

17 Jun 25

PSQ Response Deadline

4 Jul 25

Invitation to Tender/Negotiate (ITT/N)

11 Jul 25

Supplier Visits

21-25 Jul 25

ITT/N Response Deadline

15 Sep 25

MoD Review of Tender Documents

15-26 Sep 25

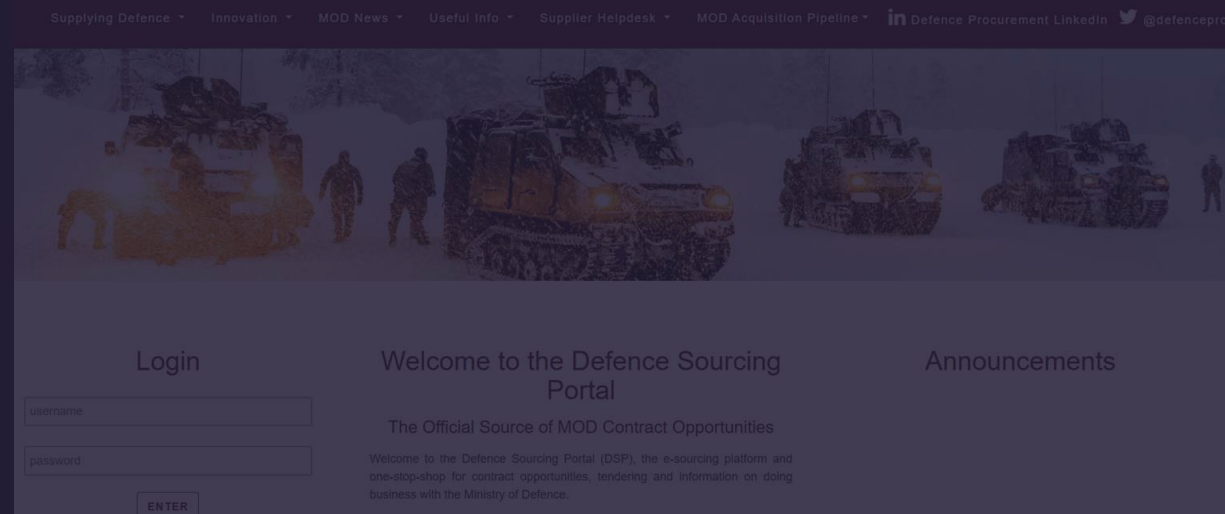
Industry Notified of Successful Supplier

29 Sep 25

Contract Award/Start

13 Oct 25

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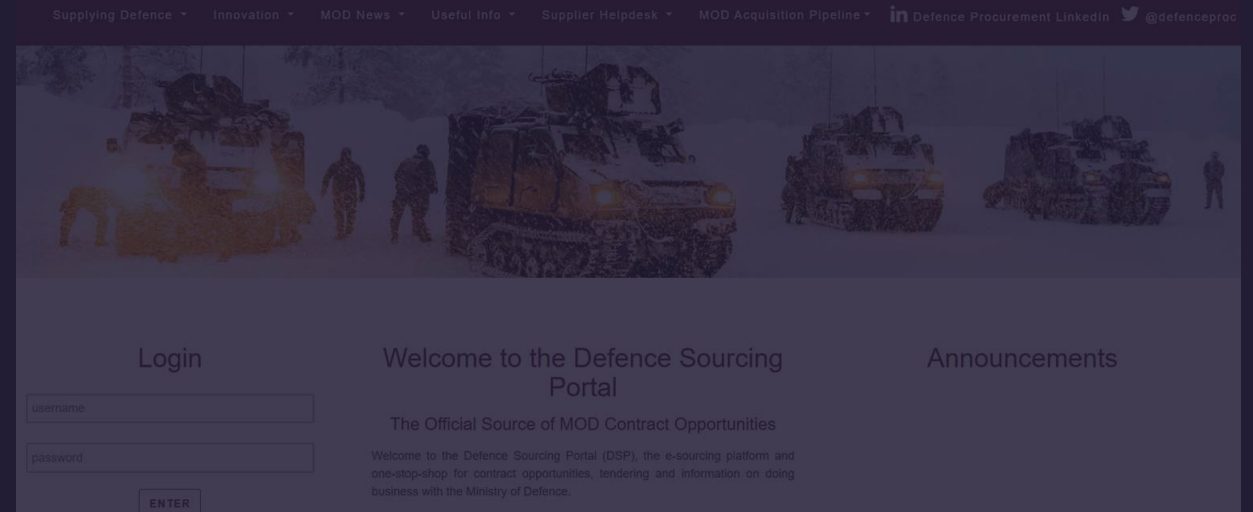
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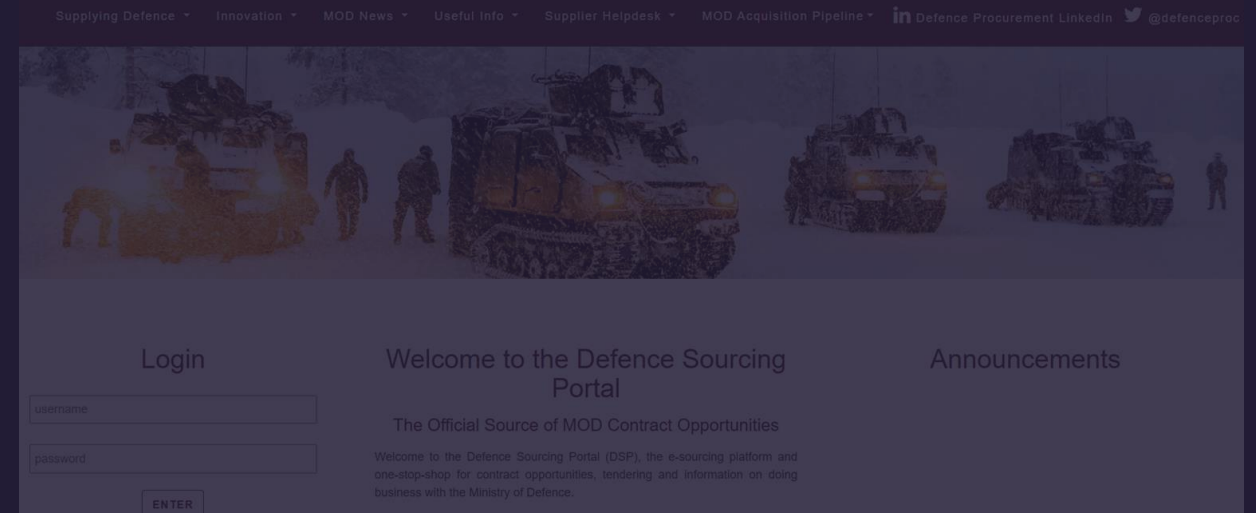
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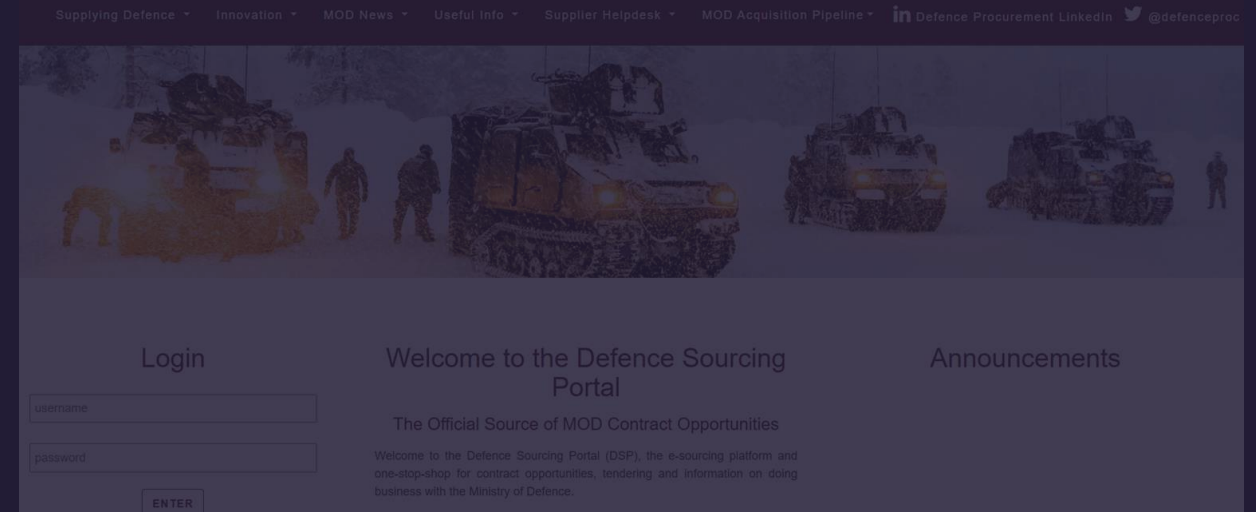
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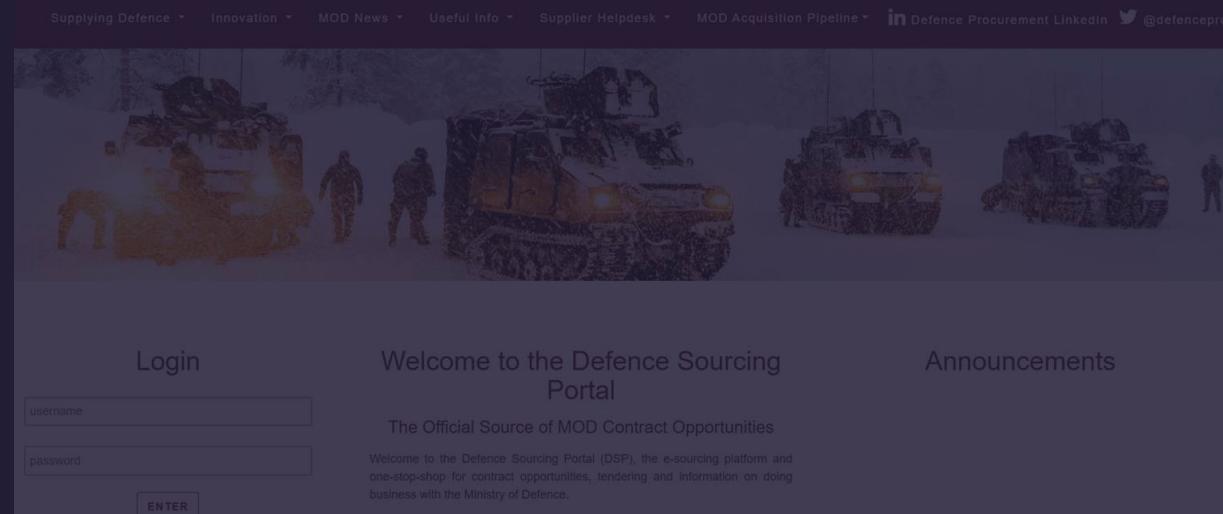
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Indicative Timeline



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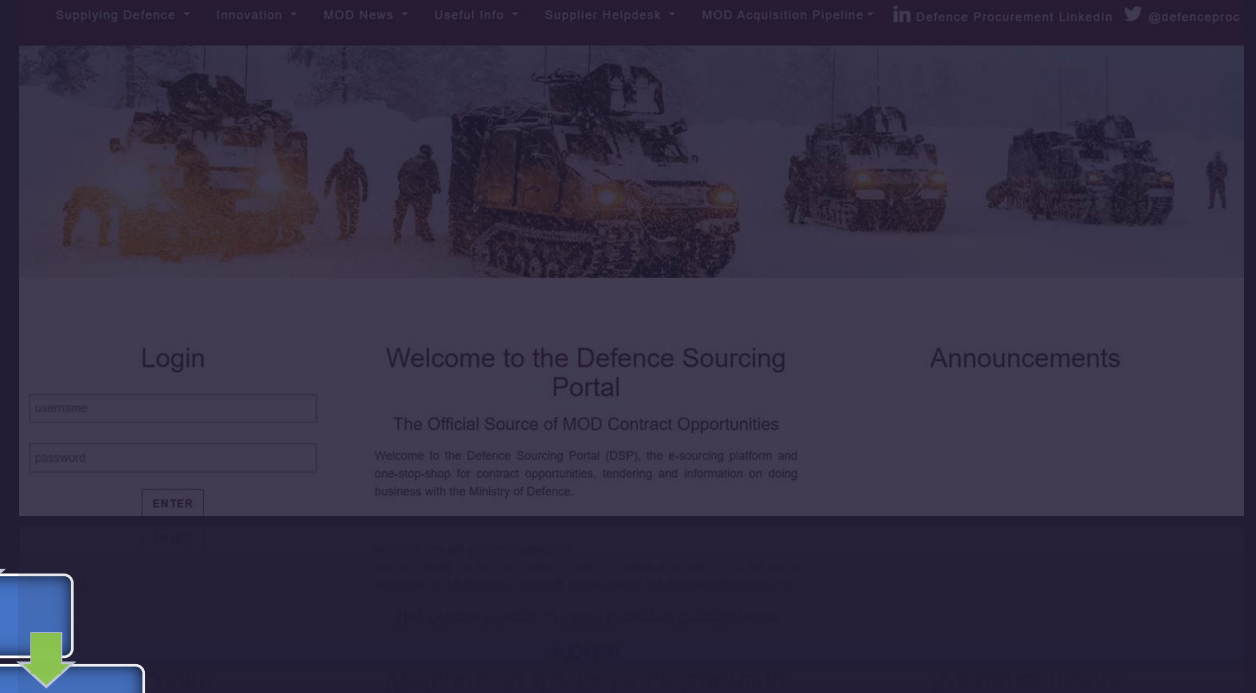
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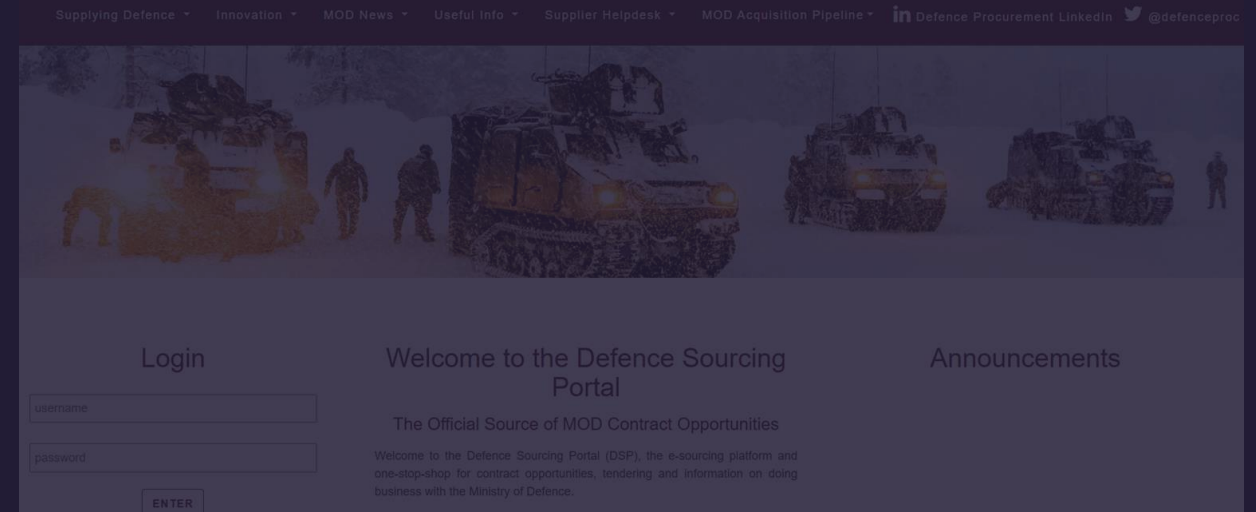
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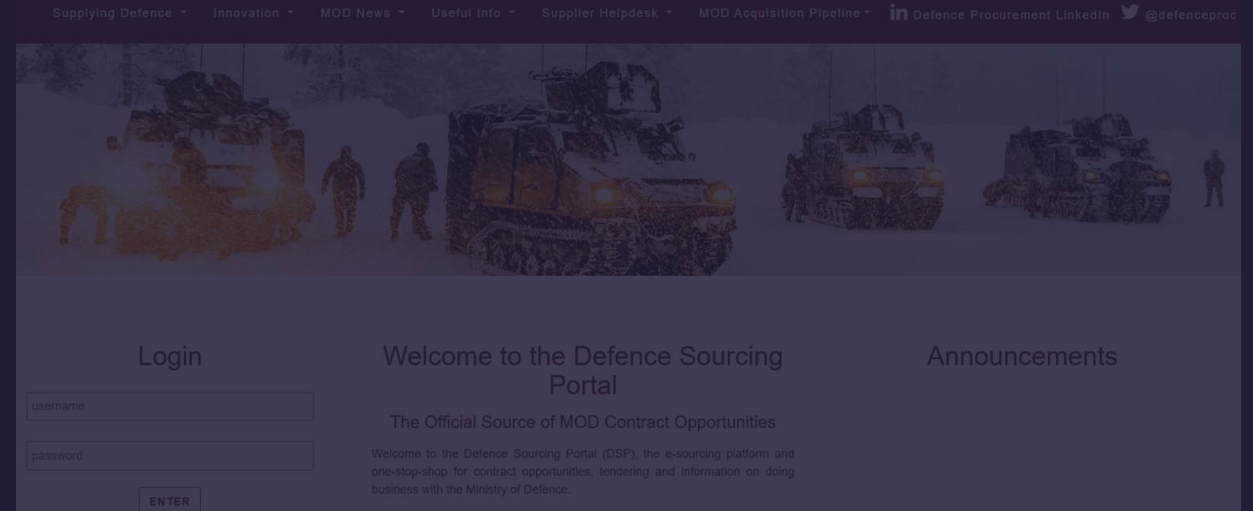
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Indicative Timeline

Procurement Specific Questionnaire (PSQ)

17 Jun 25

PSQ Response Deadline

4 Jul 25

Invitation to Tender/Negotiate (ITT/N)

11 Jul 25

Supplier Visits

21-25 Jul 25

ITT/N Response Deadline

15 Sep 25

MoD Review of Tender Documents

15-26 Sep 25

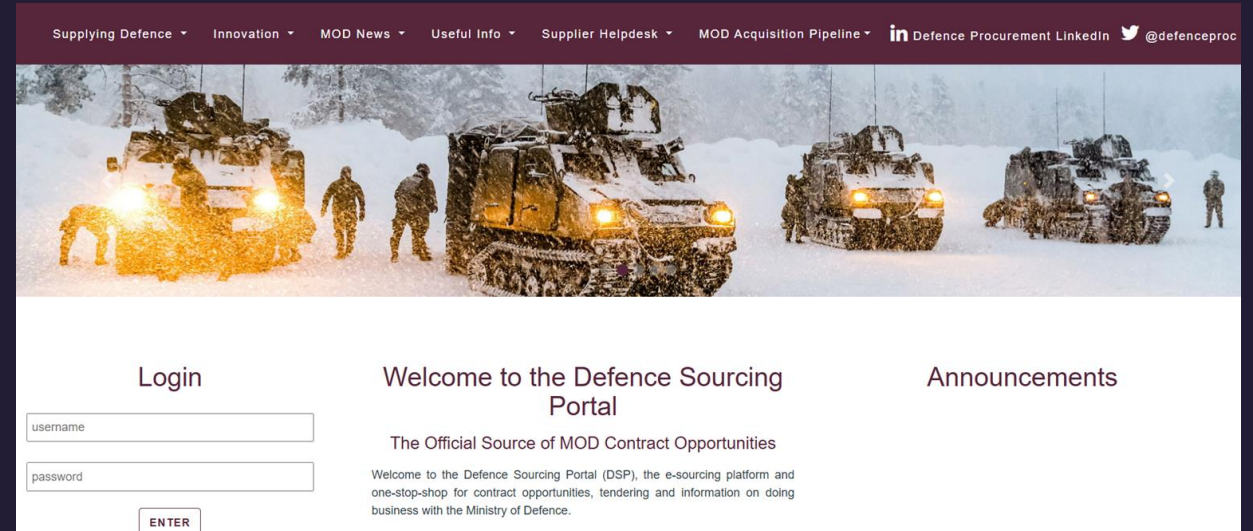
Industry Notified of Successful Supplier

29 Sep 25

Contract Award/Start

13 Oct 25

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Closing Remarks

- Delivery at Pace
- Form of Contract – SC2 Standard Form of Contracting
- Overall Duration of Contract 5 years (budget value £500k – £1M)
- 13 Oct 25 Contract Start Date
- 6m for Replacement from Contract Award
- 4.5yrs Support



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Questions and Answers



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