ANNEX C – TASK APPROVAL FORM

TASK APPROVAL FORM for DSTL/AGR/01068/01 Testing and Evaluation of TLMS COTS products

Purchase Order Number: DSTLX1000161003	Task No.: 12	Issue No.: 1	Date: 16th June 2021

Part 1: Proposal to be completed by Dstl Demand Owner

1.1. Task Title:	*Xeos Onyx evaluation in* ▮▮▮▮ *Redacted under Military sensitive technical information exemption*

1.2. Task Objective and Description (including Specification, Acceptance Criteria/ Testing, Documentation required, & Quality Standard:

Dstl has a requirement for technical trials and evaluations to be conducted to validate the integration of the Xeos Onyx Iridium tracker into the ▮▮▮▮▮ Redacted under Military sensitive technical information exemption. backend command and control (C2) platform.

Due to the Onyx previously undergoing a full technical evaluation, certain aspects such as physical assessment of the build quality, power options, accessories and general functionality **do not require retesting**.

Instead, this evaluation should provide assurance that the Onyx has been successfully integrated into ▮▮▮▮Redacted under Military sensitive technical information exemption. without detrimental impact to its reliability. The evaluation should identify any performance trade-offs and functionality restrictions when being operated from a ▮▮▮▮Redacted under Military sensitive technical information exemption, backend. Testing should include, but not be limited to:

- Ability to reliably view accurate position logs from the Onyx on ▮▮▮▮, Redacted under Military sensitive technical information exemption, communicated via Iridium SBD;
- Ability to view accurate status messages on ▮▮▮▮, Redacted under Military sensitive technical information exemption, communicated via Iridium SBD;
- Ability to reliably command the Onyx from ▮▮▮▮ Redacted under Military sensitive technical information exemption, as per its specification and data sheet over Iridium SBD;
- Any additional latencies incurred through use of the ▮▮▮▮ Redacted under Military sensitive technical information exemption, platform;
- Any differences in functionality between the Onyx functioning natively and the Onyx functioning within ▮▮▮▮. Redacted under Military sensitive technical information exemption.

An additional, specific test should ascertain how long the Onyx takes to re-establish a communications link with Iridium after being left in a GPS and Iridium denied environment for a prolonged period (24 hours). The test should also establish the average power consumption of the Onyx when in this environment compared to being outside with a clear view of the sky. Assume a basic configuration of transmitting a GPS location every ▮▮▮▮. Redacted under Military sensitive technical information exemption.

Once a functioning test setup has been established, the first test undertaken must ascertain whether the Onyx can communicate with ▮▮▮▮ **Redacted under Military sensitive technical information exemption., with encryption enabled**. In the event encrypted communication between ▮▮▮▮ Redacted under Military sensitive technical information exemption., and the Onyx has not been properly integrated, Providence will be asked to **temporarily halt the evaluation**. This will allow remedial action to be taken to establish an encrypted link ready for all future tests to be conducted on.

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1.3. Deliverables Required:	

- A technical evaluation report for the Onyx/ ███████ Redacted under Military sensitive technical information exemption., integration

- Any equipment purchased and billed to Dstl (Dstl should be consulted before making any purchases)

NOTE: Annex A of the contract. Conditions of supply need to be identified on the Title Page of the report. Crown Copyright.

1.4. Timescale of Task - Start:	01-Jul-2021	End:	31-Aug-2021

1.5. Additional Special terms and conditions:	
None	

Dstl Project Manager:	████████ Redacted under FOI exemption
Dstl Project Number:	███████ Redacted under FOI exemption
Requisition ID:	██████ Redacted under FOI exemption

Part 2: Price for Proposed Task (to be completed by Contractor)				
The Task at 'Part 1' is accepted at a Firm Price of	£18,860.00 (excl. VAT)		broken down as follows:	
Name	**Number of Days**	**Rate**	**Sub-Total**	**Travel & Subsistence**
Technical equipment benchmarking & platform integration validation	▮ Redacted under FOI exemption	▮ Redacted under FOI exemption	£18,870.00	-
Iridium airtime provision	-	-	£0.00	-
Date:	21 June 21	**Proposal submitted by:**		▮ Redacted under FOI exemption

Part 3: Approval to be completed by the Dstl Demand Owner	
Approval is hereby given to place the Task	
Signed	▮ Redacted under FOI exemption
Dated	22-06-2021

Upon completion of Part 3 the Dstl Demand Owner shall create/update the iCAS requisition, then attach this form and submit to Dstl Commercial Services for action.