APPENDIX 2 TO ANNEX A

ILS PRODUCT DESCRIPTION TEMPLATES

A.1 Introduction

A 1.1 The ILS PD have been structured to provide the MOD with a generic set of documents which address the management aspects of the ILS activity in conjunction with a specific project. The ILS PD have been classified into six categories ILS Management, Supportability Analysis, Technical Documentation (TD), Supply Support Procedures Supportability Case and Logistics Data.

A1.2 As part of the tailoring activity the project representative shall select which products are appropriate for the project and use the product description templates as a basis for developing project specific deliverables. Materiel may be added or removed from these templates to specify the contractual deliverable.

A1.3 ILS Management PD. The deliverables from this category of PDs, include plans and procedures which detail how the contractor will undertake and manage the ILS process (eg the Integrated Support Plan and Supportability Analysis Plan).

A1.4 Supportability Analysis (SA) PD. The deliverables from this category of PD ensure that the applicable SA Activities are completed in order to conduct the appropriate analytical techniques to meet the contracted SA requirements and produce the associated reports (eg Failure Modes, Effects and Criticality Analysis, Reliability-Centred Maintenance). This also ensures that, when applicable, supportability will influence system design.

A1.5 Technical Documentation PD. These detail the requirements concerned with the production of documentation and data in both paper and electronic form.

A1.6 Supply Support PD. These detail the requirements concerned with the material management and support of equipment.

A 1.7 Supportability Case PD. These detail the requirements concerned with the production of supportability case reports.

A1.8 Logistic Data PD. These deal with the delivery of Logistic Data as specified in the Logistics Information Plan (LogIP)

A2. Product Description Numbering

A2.1 The PD has been assigned a unique identifier according to the following convention:

PD XXXX-YY

XXXX - 4 digit4-digit numeric identifier
YY - Version Number

PD type	**Number range**
Management PD	0001-0999
Supportability Analysis PD	1001-2000
Technical Documentation PD	2001-3000
Supply Support PD	3001-4000
Supportability Case PD	4001-5000
Supportability Data PD	5001-6000

A2.2 The complete set of PD comprises the following:

a) **Management PD:**

(1) PD0001-02 Integrated Support Plan.

(2) PD0002-02 Supportability Analysis Plan.
(3) PD0003-02 ILS Associated Meeting, Minutes and Actions.
(4) PD0004-02 Integrated Logistic Support Element Plans.
(5) PD0005-03 Software Support Plan.
(6) PD0006-02 Master Fielding Schedule

b) **Supportability Analysis PD:**
(1) PD1001-02 Supportability Analysis (SA) Activities.
(2) PD1002-02 Trade-off Analysis Report.
(3) PD1003-02 Failure Modes, Effects and Criticality Analysis (FMECA) Programme Plan.
(4) PD1004-02 Failure Modes, Effects and Criticality Analysis (FMECA) Report.
(5) PD1005-02 Reliability-Centred Maintenance (RCM) Programme Plan.
(6) PD1006-02 Reliability-Centred Maintenance (RCM) Report.
(7) PD1007-02 Level of Repair Analysis (LORA) Programme Plan.
(8) PD1008-02 Level of repair Analysis (LORA) Report.

c) **Technical Documentation PD:**
(1) PD2001-03 Technical Documentation Management Plan (TDMP).
(2) PD2002-02 Project Tailoring of Defence Standard 00-601
(3) PD2003-02 Data Module Requirements List (DMRL).
(4) PD2004-02 Project BREX
(5) PD2005-02 IETP Compliant Dataset
(6) PD2006-01 Interactive Electronic Technical Publication (IETP)
(7) PD2007-01 Portable Document Format (PDF)

d) **Supply Support PD[1]:**
(1) Introduction to service phases (before Logistics Support Date (LSD))
(a) PD 3001-02 Supply Support Strategy.
(b) PD 3002-02 Supply Support Plan.
(c) PD 3003-01 Initial Provisioning Guidance Conference.
(d) PD 3004-02 Initial Provisioning Guidance Document.
(e) PD 3005-03 Initial Provisioning Implementation.
(f) PD 3006-02 NATO Codification.
(g) PD 3007-02 Illustrated Parts Catalogue (IPC).
(2) In-Service phase (after LSD):
(a) PD 3008-02 Re-Provisioning Plan.

e) **Supportability Case PD:**
(1) PD 4001-02 Supportability Case.
(2) PD 4002-02 Supportability Case Report PD.

f) **Logistic Data PD:**
(1) PD 5001-01 Logistic Support Analysis Control Number (LCN) Assignment Report
(2) PD 5002-01 Logistic Support Analysis Record (LSAR) Data
(3) PD 5003-01 Logistic Support Analysis Record (LSAR) Reports
(4) PD 5004-01 Methods of Delivery of LSAR Data
(5) PD 5005-01 Delivery Standards and Schedule of Non ADP LSAR Data

[1] Highlights provide correction to PD numbering contained within DefStan 00-600Pt3Iss2.

A.3 ILS Product Description Template

A 3.1 Projects are encouraged to use the product description template format below for project specific products not covered by the descriptions contained in this annex.

Table A1 ILS Product Description Template

ILS Product Description	
Product Title	**Product Description Identifier**
Description Synopsis	
Purpose	
Full Description \ Product Composition	
Format and Presentation ISO PDF Microsoft Office Suite	
Allocated Responsibilities Customer Owner Supplier Owner Customer Assurance Supplier Assurance	
Quality Assurance Quality method Performance Indicators Quality Check skills required	

A 4 ILS Product Descriptions

Table A2 Integrated Support Plan PD

ILS Product Description	
Product Title Integrated Support Plan	**Product Description Identifier** PD 0001-02

Description Synopsis
This PD contains the requirement for the format and content of the Integrated Support Plan (ISP) to be specified in the ILS SOW.

Purpose
The ISP is used by the MOD to evaluate, monitor and accept the contractor's planning and performance of the ILS programme task(s) as specified by the contract.

Full Description \ Product Composition
The ISP documents the management plans of the contractor for data gathering and analyses; task management, control and execution; and interface of the ILS programme task(s). The management plans of the contractor will demonstrate that integration the new system or equipment, when deployed, will satisfy all supportability criteria.
The ISP must contain each of the sections listed below. If there is no data or text requirement, the contractor will enter 'NOT APPLICABLE' and justify the reasons. The seven sections are as follows:

Introduction;
Support System Concept
Integrated Logistic Support (ILS) Programme Management, Organization and Performance;
ILS Programme Tasks;
Related plans applicable to the ILS Programme;
Programme plan and Milestone Schedule;
Glossary of acronyms and terms used in text.

Introduction
This section identifies the requirements of the ISP as specified in the ILS Statement of Work. This section contains the following sub-sections:

1.1. **Purpose and Scope.** This sub-section provides a statement regarding the purpose and scope of the ISP as the document for the management and performance of the contractual ILS programme.
1.2. **ISP Summary.** This sub-section provides a description of the ISP so as to establish a clear understanding of the scope, content and organization of the material presented.
1.3. **Updating Procedure.** This sub-section provides a description of how alterations to the ISP are to be developed, authorized and incorporated.

2. **Support System Concept**.
This section contains a summary of the system characteristics relevant to ILS and the support process. Included is an explanation of how the system will be utilized and supported in its intended operational role. This section contains the following sub-sections:

2.1. **System/Equipment Description.** This sub-section provides a brief description of the functional and physical characteristics of the system/equipment and its major sub-systems/equipment's. Also included is a description of the physical and functional relationship between the equipment or system and any associated systems or equipment's that it will interface with when operational.
2.2 **Reliability Function Interface.** This section detail how the ILS activities will interact with the ARM function.
2.3 **Safety Management Interface.** This section detail how the ILS activities will interact bi-directionally with the safety management function
2.4 **Security Management Interface.** This section detail how the ILS activities will interact bi-directionally with the security management function.
2.5 **Configuration Management System Interface.** This section detail how the ILS activities will interact bi-directionally with the necessary configuration management system(s)
2.6 **Obsolescence Management System Interface.** This section detail how the ILS activities will interact bi-directionally with the obsolescence management system.
2.7 **Interoperability Interface Requirements.** This section details how interoperability is managed through life. Includes:
The exchange of information through information systems;

Compatibility of technology and equipment;
The working practices of people.
Compatibility of processes;
Other elements of the support solution that require interaction between organisations.

2.8 **Change Management System Interface.** This section details how the ILS programme interfaces with the Project capability management and control systems regime.

3. **ILS Programme Management, Organization and Performance**.

This section provides a description of the overall process, involving both the MOD and the contractor, for use in managing and performing the contractual ILS programme. This section contains the following sub-sections:

3.1. **Contractor's Objectives, Policies, General Management Procedures.** These shall state the objectives, policies and general management procedures that relate to the ILS programme.

3.2. **Contractor's ILS Organizational Structure.** This shall describe the contractor's organizational structure that has been selected to accomplish the contracted ILS programme requirements. The identification of names, positions, functions, responsibilities and authority of those responsible for satisfying the contracted ILS programme shall be given.

3.3. **Sub-contractor and Vendor Interface Management.** This sub-section contains a list of all major sub-contractors (for the purpose of the ISP, major sub-contractors are termed as those responsible for supply of deliverables directly to the Prime contractor of the MOD) involved in the ILS methods of control and the organizational interfaces with the sub-contractors. Included is a general description of the method of specifying the ILS requirements in vendor sub-contracts and the means of controlling the accomplishment of specific work and deliverables.

3.4. **MOD ILS Organization and Interface.** This sub-section contains a description of the MOD ILS organization, together with an indication of the relationship with the contractor's ILS organization.

3.5. **Design Interface Planning and Reporting.** This sub-section, in conjunction with the approved management system, contains a description of how the contractor will accomplish report and provide an audit trail for integration with a formal design influence programme. The design interface planning ensures that all the logistic requirements and maintenance decisions made by the other contractually required system engineering disciplines are input to and output from one another, in a timely manner. System engineering disciplines include, but are not limited to, the design programme the safety programme, the standardization programme and the ARM programme.

3.6. **Contractor's Objective.** This sub-section contains a description of the system that provides for the cost-effective integration design, development, test and evaluation tasks required to progress from an operational requirement to the operational deployment of a system or equipment. Included is identification of the audit trail and reporting criteria.

3.7. **Contractor's Approach.** This sub-section contains the establishment of a logical sequence of activities and decisions which transform an operational requirement into a viable, cost-effective system.

3.8. **Contractor's Integrating.** This sub-section describes the design interface/engineering discipline integration that will establish integration of all engineering, design and management efforts, and disciplines including Reliability, ILS, standardization and production. This is necessary to control the influences on the SA programmes, cost effective design enhancement and system/equipment design. Included is identification of the audit trail and the reporting criteria.

3.9. **Contractor's Control and Reporting.** This sub-section contains identification of the contractor's in-house report procedure. Included is the relationship between the technical programme planning and the schedule planning. Included is identification of the planned interface between specific task and management procedures that ensure the design influence and contractual provisions are met. Also contained is the establishment of ILS to influence design and system engineering.

3.10. **Post-Design Services (PDS).** This section shall contain a description of the contractor's approach for providing PDS to the MOD in the context of ILS. The contractor shall consider PDS, and its consequences on ILS, in terms of its effects on maintaining an effective support policy with optimum costs throughout the life of the equipment. The following shall be addressed:

3.10.1. Control and maintenance of design records.
3.10.2. Maintenance of technical information.
3.10.3. Provision of support for equipment hardware and software.
3.10.4. Implementation of technical tasks to investigate obsolescence issues.

4. **ILS Programme Tasks**.

This section contains a detailed description of how the contractor will accomplish all ILS programme tasks stated in the ILS programme Statement of Work or equivalent specification. For ILS programme tasks not covered by separately deliverable plans, a detailed description is to be contained in this section. This section contains the following sub-sections:

4.1. **SA Activities and the Logistic Information Repository (LIR).** This sub-section contains a detailed description of the plans for the accomplishment of SA Activities and Sub activities, and associated documentation in the LIR, as defined in the contract.

4.2. **Other Standards.** This sub-section provides a detailed description of all other relevant standards or tasks, as defined in the contract.

5. **Related Plans Applicable to the ILS Programme**.

This section contains appropriate appendices as related plans required for the ILS programme effort. This section contains the following sub-section:

5.1. **Related Plans.** This sub-section references the contractually required ILS programme tasks; eg SA Plan in accordance with PD0002-00, and all separately deliverable plans for all contractually required ILS element development efforts; eg Documentation Management Plan, Supply Plan, Training and Training Equipment Plan etc prepared in accordance with PD0004-00.

6. **Programme Plan and Milestone Schedule**.

This section contains the programme plan and master milestone schedule for the ILS effort. This section contains the following sub-sections:

6.1. **Master Milestone Chart.** This sub-section is a master milestone chart to include all programme milestones, eg Preliminary and Critical Design Reviews (PDRs & CDRs).

6.2. **ILS Programme Milestone Chart.** This sub-section is a milestone chart for events required to accomplish all required ILS programme tasks, eg ILS Conferences and Reviews.

6.3. **ILS Element Milestone Chart.** This sub-section is a milestone chart for the events required to accomplish all contractually required support element development efforts, including Technical Publications, Supply Support, etc

7. **Glossary, Acronyms and Terms**.

This section shall contain a glossary of all acronyms and special terms or words used in the text.

Format and Presentation

ISO PDF
Microsoft Office

Allocated Responsibilities

Customer Owner – DT ILSM \ TTLS Manager
Supplier Owner – Contractors ILSM
Customer Assurance – TLS Sp Dir CET Team Representative
Supplier Assurance – Quality Manager

Quality Assurance

Quality method – Formal Review
Performance Indicators – Not Specified
Quality Check skills required
Customer – MOD ILS Level 3 licence
Supplier – Not Specified

Table A3 Supportability Analysis Plan (SAP)

ILS Product Description	
Product Title Supportability Analysis Plan (SAP)	**Product Description Identifier** PD 0002-02

Description Synopsis

This product description defines the Supportability Analysis Plan (SAP). The SAP is the primary management tool used to establish and execute an effective SA programme. When submitted as a response to an Invitation to Tender (ITT), Request for Tender (RFT) or Statement of Work (SOW), it is used in the source selection process.

Purpose

The plan identifies the contractor's approach and description of how the Supportability Analysis (SA) will be conducted to meet the SA programme requirements as part of the engineering effort.

Full Description \ Product Composition

This product Description identifies the content and preparation instructions of the SAP resulting from the work described by. The SAP must contain each of the sections listed below. If there is no data or text requirement, the contractor will enter 'NOT APPLICABLE' and justify the reasons. The SAP describes how the contractor SA programme will be conducted to meet overall programme requirements. The plan is a self-supporting document and may form part of the Integrated Support Plan. It will be updated by the contractor throughout the life of the contract, subject to MOD acceptance.

1. The SAP includes:
    - 1.1. **SA programme description.** This section describes how the SA programme will be conducted to meet the system and logistic requirements contained in the applicable programme documents.
    - 1.2. **SA programme/schedule.** This section contains a schedule with estimated start and completion points for each SA programme activity. Included is the relationship of the SA schedule with other ILS programme requirements and associated engineering requirements.
    - 1.3. **Management structure and organization.** This section identifies the management structure applicable to SA. Included is the relationship with the MOD SA organization.
    - 1.4. **Applicability.** This section contains a description of how SA will be tailored to the contractor's specific proposed solution.
    - 1.5. **SA Activities.** This section identifies each SA activity that will be accomplished to meet the contracted SA requirements and the extent to which they will be performed.
    - 1.6. **Equipment Breakdown Structure (EBS)/SA candidate list.** This section includes the EBS identification of items upon which SA will be performed and documented. Also included is the SA candidate list and applicable selection criteria. The list will include all items recommended for analysis, items not recommended and the appropriate justification for selection or non-selection.
    - 1.7. **Control of Subcontractors SA programmes.** This section contains the internal SA processes and management of subcontractors along with an explanation of how such processes will be integrated and managed into the overall SA programme.
    - 1.8. **Introduction/Identification.** This section identifies the End Item, procuring authority, preparing authority, contract number and general background to the Plan.
    - 1.9. **Purpose of the Plan.** This section contains details of the purpose of the Plan.
    - 1.10. **Interface requirements.** This section includes a description of how SA Activities and data will interface with other ILS and system oriented tasks and data. This description includes analysis and data interfaces with the following programmes as applicable:
        - 1.10.1. System/equipment design programme;
        - 1.10.2. System/equipment reliability & maintainability programme;
        - 1.10.3. Human factors Integration programme;
        - 1.10.4. Standardization programme;
        - 1.10.5. Parts control programme;
        - 1.10.6. System safety programme;
        - 1.10.7. Packaging, handling and storage programme;
        - 1.10.8. Transportation and transportability programme;
        - 1.10.9. Initial provisioning programme;
        - 1.10.10. System / equipment testability programme;
        - 1.10.11. Survivability programme;
        - 1.10.12. Technical documentation programme;
        - 1.10.13. Training and training equipment programme;

1.10.14. Facilities programme;
1.10.15. Support equipment programme;
1.10.16. Test and evaluation programme.

1.11 **SA Process standards.** This section details what if any SA process standards will be used for a particular SA task / ILS element.

1.12. **Supportability Analysis Configuration system.** This section contains an explanation of the configuration system to be used for SA candidate items

1.13. **Design requirements dissemination.** This section includes the method by which supportability related design requirements are disseminated to designers and associated personnel. Also included is the method by which supportability related design requirements are disseminated to subcontractors and the controls levied under such circumstances.

1.14. **Government Furnished Assets (GFA).**
This section contains the identification of government assets to be furnished to the contractor, and the schedule for its required delivery.

1.15. **SA data updates and validation.** This section contains the procedure for updating and validating SA data, including configuration control procedures.

1.16. **Status and control procedures.** This section defines the procedures used to evaluate the status and control of each activity, and the identification of the unit authorized with responsibility for executing each activity.

1.17. **Deficiency control.** This section contains the procedures, methods and controls for identifying and recording design problems or deficiencies affecting supportability. It also contains an identification of corrective actions required and the status if action taken to resolve the problems.

1.18. **Data collection.** This section contains a description of the data collection system to be used by the performing activity to document, disseminate and control SA and related design data. Included are the identification of responsibilities and dependencies.

1.19. **Design review procedures.** This section includes a description of design review procedures which provide for official review and control of related design information with SA the SA programme participation.

1.20. **Training.** The training and experience of the SA team shall be stated, and the method by which further personnel will be trained.

1.21. **SA for Software.** This section explains the need for support analysis for software.

1.22. **Comments.** This section will provide for comments on the SA Strategy, as supplied. This could include the need for further data to be supplied and any contradictions between the SA Strategy and other documentation.

1.23. **Quality Assurance.** This section identifies the measures that shall be taken to ensure correct application of Quality Assurance procedures for SA.

Format and Presentation
ISO PDF
Microsoft Office Suite

Allocated Responsibilities
Customer Owner – DT ILSM \ TTLS Manager
Supplier Owner – Contractors ILSM
Customer Assurance – TLS Sp Dir CET Team Representative
Supplier Assurance – Quality Manager

Quality Assurance
Quality method – Formal Review
Performance Indicators – Not Specified
Quality Check skills required
Customer – MOD ILS Level 1 licence
Supplier – Not Specified

Table A4 ILS Associated Meetings

ILS Product Description	
Product Title ILS Associated Meetings	**Product Description Identifier** PD 0003-02
Description Synopsis This product description identifies the requirement for agendas, minutes and actions associated with ILS/SA meetings. The minutes shall be raised by the contractor and agreed with MOD.	
Purpose To formalise meeting conduct	
Full Description \ Product Composition This PD describes the format and content required for the production of meeting agendas, minutes and resultant actions required. 1. The meetings will be scheduled at dates and times agreed between MOD and the contractor. Meetings shall be chaired jointly by the MOD ILS manager (MILSM), or nominated representative, and the contractor ILS manager (CILSM), or nominated representative. 2. The meeting minutes format/agenda may include the following items; this list shall not be considered exhaustive and will be developed and tailored to suit individual project specific requirements: 2.1. **Title.** This item shall include the meeting number, name, venue address and date. 2.2. **Attendees.** This item shall contain a list of personnel attending the meeting. 2.3. **Apologies.** This item will contain a list of invited personnel not present at the meeting. 2.4. **Matters arising.** This item contains matters arising from the minutes of the previous meeting and gives an opportunity to discuss and agree the previous minutes. 2.5. **Discussion.** This item includes presentation of reports and correspondence and general discussion including progress measured against milestones in accordance with the ILS programme and any associated problems. 2.6. **Any other business.** This item gives an opportunity to discuss any subject deemed relevant to the aims and objectives of the project. 2.7. **Meeting Closure.** This item shall include the date, time and venue of the next meeting. 2.8. **Annex.** This item shall contain a listing of actions that shall be clearly identified and annotated with the instigator of the action, the individual or organization tasked with carrying out the action and the action completion/due date. The actions shall have no implications regarding changes to the contractual status of the project. 2.9. **Distribution.** Attendees plus all agencies, departments and personnel not attending the meeting but requiring copies of the minutes. 3. The minutes shall be an accurate account of the meeting in order to clearly record what was discussed and what actions were agreed to be carried out in defined timescales. 4. The minutes shall be signed by both co-chairmen to signify their acceptance. 5. Discussion at meetings shall be conducted ‘without prejudice’ and shall not affect the rights and liabilities of the parties to the contract	
Format and Presentation ISO PDF Microsoft Office Suite	
Allocated Responsibilities Customer Owner – DT ILSM \ TTLS Manager Supplier Owner – Contractors ILSM Customer Assurance – TLS Sp Dir CET Team Representative Supplier Assurance – Quality Manager	
Quality Assurance Quality method – Formal Review Performance Indicators – Not Specified Quality Check skills required Customer – MOD ILS Level 1 licence Supplier – Not Specified	

Table A5 - Integrated Logistic Support Element Plans

ILS Product Description	
Product Title Integrated Logistic Support Element Plans	**Product Description Identifier** PD 0004-02

Description Synopsis

This product description identifies and describes the contractor's Integrated Logistic Support (ILS) Element Plans. The plans describe the specific techniques to be used, tasks to be performed and the development and integration into the overall ILS/SA programme and related programmes. Individual Element Plans may be amalgamated and submitted as one plan for MOD acceptance.

Purpose

The principal purpose of the plans is to provide the MOD with a basis for review and evaluation of the contractor's proposed ILS elements and their integration with the overall ILS and engineering programmes. They also identify the establishment of contractual ILS elements compliance requirements and for providing the milestone schedule. The plan is the basic tool used to establish and execute an ILS element programme. When submitted in response to an Invitation to Tender (ITT), Request for Tender (RFT) or Statement of Work (SOW), it is used in the source selection process.

Full Description \ Product Composition

Detailed Requirements

1. Introduction.
    - 1.1. Identification and description of the End Item.
    - 1.2. Identification of the contractor, contract number and contracting organization.
    - 1.3. Identification of all element programme milestones.
2. Reliability Plan shall be in accordance with advice and guidance given in Def Stan 00-40 and include the following:
    - 2.1. Identification of the contractor's programme organizational structure responsible for reliability.
    - 2.2. An explanation of how data selection, data flow, data storage and data control will be coordinated.
    - 2.3. A description of the contractor's procedure for implementing the requirements of Failure Modes, Effects and Criticality Analysis (FMECA). The precise requirements are contained in PD1003-XX FMECA Programme Plan and PD1004-XX FMECA Report.
3. Maintainability Plan shall be in accordance with advice and guidance given in the Defence Logistics Framework (DLF) and include the following:
    - 3.1. Identification of the contractor's programme organizational structure responsible for maintainability.
    - 3.2. An explanation of how data selection, data flow, data storage and data control will be coordinated.
    - 3.3. A description of the contractor's procedure for implementing the requirements of Reliability-Centred Maintenance (RCM). The precise requirements are contained in PD1005-XX RCM Programme Plan and PD1006-XX RCM Report.
    - 3.4. A description of the contractor's procedure for implementing the Requirements of a Level Of Repair Analysis (LORA). The precise requirements are contained in PD1007-XX LORA programme plan and PD1008-XX LORA report.
4. Logistics Test and Evaluation Plan shall describe how testing and evaluation will be conducted to assist in the engineering design and development processes.
5. Human Factors Integration (HFI) Plan shall be in accordance with advice and guidance given in the DLF and include:
    - 5.1. An explanation of how the End Item design will minimise human factor risks in all areas in order to promote safe, efficient and reliable operation.
    - 5.2. An explanation of HFI process and its impact on human factors engineering, manpower, personnel, training, safety and health hazard assessments.
    - 5.3. Identification of existing knowledge, skill and experience capabilities.
    - 5.4. Identification of training needs analysis and an explanation of how suitable courses will be implemented.
    - 5.5. Details of how training effectiveness will be measured.
    - 5.6. Identification of the process by which training courses will be updated and further developed as technical standards relating to the End Item evolve.
6. Facilities Plan shall contain the following:

6.1. Procedures for identification, justification, costing and development of new facilities.
6.2. A description as to how the requirements for purpose built facilities will be avoided or reduced to the minimum.
6.3. An explanation of the need for the identification of specialist facilities.
6.4. Plans for any modification to existing facilities.

7. Supply Support Plan shall be in a format agreed by SME
8. Support Equipment Plan shall contain the following:
8.1. Explanation of optimum utilization of existing in-Service Support Equipment, including the use of common tools or standard Test Equipment wherever possible and the avoidance of new Support Equipment and Special To Type Test Equipment (STTE).
8.2. A description of the requirement of, and justification for any proposed new Support Equipment.
8.3. A description of the requirements for hand tools, mechanical test equipment and electrical/electronic test equipment.
9. Documentation Management Plan is addressed separately under PD2001-XX.
10. Packaging, Handling, Storage and Transportation Plan (PHS&T Plan) shall be in accordance with the requirements of advice and guidance given in the Defence Logistics Framework (DLF) and include:
10.1. Identification of resources and methods for packaging, handling, storage and land, sea and air transportation with particular regard to policies, procedures, specific requirements and safety precautions.
10.2. Considerations relating to equipment disposal, to include any associated risks.
10.3. An explanation of any specific packaging and handling requirements.
10.4. An explanation of the use of bar coding.

Format and Presentation
ISO PDF
Microsoft Office Suite

Allocated Responsibilities
Customer Owner – DT ILSM \ TTLS Manager
Supplier Owner – Contractors ILSM
Customer Assurance – TLS Sp Dir CET Team Representative
Supplier Assurance – Quality Manager

Quality Assurance
Quality method – Formal Review
Performance Indicators – Not Specified
Quality Check skills required
Customer – MOD ILS Level 1 licence
Supplier – Not Specified

Table A6 Software Support Plan

ILS Product Description	
Product Title Software Support Plan	**Product Description Identifier** PD 0005-03

Description Synopsis

This product descriptor identifies and describes the Software Support Plan. The plan describes the application of the SA methodology to the software element of the system or equipment. It addresses:

a. Definition of software support package.
b. Impact of software on the support policy.
c. Identification, quantification and minimisation of support resources.
d. Documentation of software within the Information Repository.

Purpose

The principle purpose of this product descriptor is to provide the MOD with a basis for review and evaluation of the proposed Software Support Plan.

Full Description \ Product Composition

1. INTRODUCTION

1.1. Identify the requirements of the Software Support Plan (SSP).

2. SCOPE

2.1. Define the purpose and scope of the SSP.

2.2. Describe the equipment applicable - Computer Software Configuration items/Computer Software Units (if known).

3. REFERENCES

3.1. Define the policy/guidance for the software, if applicable, eg:

- DEF STAN 00-600 ILS - Requirements for MOD Projects
- DEF STAN 00-60 Pt 3 Guidance for Application of Software Support
- JSP886 Vol 7 Pt 4 Software Support
- RTCA/DO-178B Software Considerations in Airborne Systems and Equipment Certification

3.2. Define the relationships to other plans that contain any pertinent information, eg. ISP. How does this SSP fit in with all other plans?

4. STRATEGY

4.1. Detail any strategy or direction/guidance received from the Project Team or other Customer during development of the support concept/strategy.

4.2. Define the support concept.

5. ORGANISATION

5.1. Define the organisational structure that will be responsible for software support. This may include Military personnel/Teams if appropriate.

5.2. Define the contractor's programme (if known).

5.3. Define the structure of the Software Configuration Management Board (SCMB), stating its composition, responsibilities, etc - Project Team Leader, ILSM, Contractor, etc

6. SOFTWARE MODIFICATION

6.1. Software modification falls into the following four categories:

- Corrective - The diagnosis and fixing of errors, from localised changes to more fundamental design fixes.
- Adaptive - Changing the software so that it can work properly in a changing environment, and can be adapted to changes in the environment, such as changes in other software, hardware or even user practices.
- Perfective - Includes the addition of new functions and enhancements and changes to existing functions.
- Preventative - Improving the sustainability of the software, so that future changes can be done more rapidly and easily. These include complexity reduction and activities such as refactoring, which are aimed at

improving the understandability of software, without changing the externally observed functional behaviour of the software.
Note: Depending upon your view, you could define 3 categories where perfective also covers preventive.

7. CHANGE REQUESTS
7.1. Detail how changes or suggested improvements become Software Change Requests (SCRs).
7.2. Detail how these change requests will be actioned - recording, prioritising, approval, tracking, etc
7.3. Define how the SCMB will grant approval of change requests.
Note: Flow Charts or diagrams are often helpful here.

8. FAULTS
8.1. Reporting - State how problems/faults will be recorded and tracked.
8.2. Query Evaluation - How will queries/faults be investigated to determine their impact on the system and its severity? What mechanisms will be used to determine if the problem is to be corrected and a SCR raised? What is the impact if the fault is not corrected - could a workaround be utilised, for example?
8.3. Corrective Action - How do SCRs get logged and authority given for corrective action? How are the corrective actions carried out? Indicative response times for corrective action should also be stated (if applicable)?
8.4. Implementation - Define how the software update will actually be embodied within the platform and by whom?

9. RAPID RESPONSE SOFTWARE CHANGES
9.1. Define how any rapid response software changes will be carried out, processes, timelines, etc

10. CERTIFICATION & QUALIFICATION
10.1. Define how any software modifications will be tested and revalidated for use. How will they be cleared / released for use?

11. OPERATIONAL SUPPORT
11.1. Define the operational support needed, eg.
• Helpdesk - define what helpdesk support is needed, eg. 8-5 or 24/7? Detail who will provide this support and where it will be (location).
• Define what processes are needed to load, re-load, replicate, copy, store, distribute and carry out any handling activity on software, firmware and data.

12. MISSION SUPPORT
12.1. Define what data support is needed, if any. This could be mission data that requires to be uploaded prior to its use or downloaded post use.

13. SUPPORT EQUIPMENT & PROCESSES
13.1. Detail any applicable equipment or processes needed for support. These should include:
• Documentation
• Software engineering environment
• Software tools
• Support & test equipment
• Software licences & IPR issues

14. RESOURCES
14.1. Personnel - define any attributes the user must have, ie. Skills, rank, trade, service, security level, etc.
14.2. Training - list any training required by the user that will enable them to utilise the software applications.
14.3. Facilities - define what facilities are needed, if any. Some projects, as part of their software support, opt to have a service software team and therefore identify the need for buildings, desks, power, etc Are any reference or test systems needed, eg. Rigs?

15. TRANSITION

15.1. How is the transfer from development to support (maintenance) to be affected? Is it to be done at all or is maintenance to remain with the original development team at the original site?

16. SAFETY
16.1. Detail any safety aspects related to software. If applicable, refer to the overall Safety Plan.

17. SECURITY
17.1. Define any security implications with the classification of software (Restricted, Classified, etc. etc). If applicable, refer to the Security Plan.

18. RISK MANAGEMENT
18.1. Define how risks will be managed for software. If applicable, refer to the Risk Management Plan.

19. QUALITY SYSTEM/ASSURANCE
19.1. Define how to ensure quality has been maintained for any software modifications. This will include additional factors, eg. documentation, processes, etc. If applicable, refer to the Quality Management Plan.

20. CONFIGURATION MANAGEMENT
20.1. Define how configuration management will be applied for all software modifications. If applicable, refer to the Configuration Management Plan.

21. OBSOLESCENCE MANAGEMENT
21.1. Define how obsolescence will be managed for all software. If applicable, refer to the Obsolescence Management Plan.

Format and Presentation
ISO PDF
Microsoft Office Suite

Allocated Responsibilities
Customer Owner – DT ILSM \ TTLS Manager
Supplier Owner – Contractors ILSM
Customer Assurance – TLS Sp Dir CET Team Representative
Supplier Assurance – Quality Manager

Quality Assurance
Quality Method – Formal Review
Performance Indicators – Not Specified
Quality Check skills required
Customer – MOD ILS Level 3 licence
Supplier – Not Specified

Table A7 Master Fielding Schedule

ILS Product Description	
Product Title Master Fielding Schedule	**Product Description Identifier** PD 0006-02

Description Synopsis

This document contains management information for the fielding of the ILS product to an identified end user community.

Much of the information contained in the master Fielding Schedule is sourced from other project deliverables and documents and should only be included here in sufficient detail to allow the fielding of the ILS product

The fielding plan is primarily derived from the contactor ISP and the MOD fielding plan with additional detail from the end user. The MOD ILS manager in partnership with the end user community will need to develop a MOD master fielding schedule.

Purpose

The aim of this document is to mitigate- the risks associated with the introduction of a product into service.

This document contains specific management information for the fielding of the ILS product (as specified in Def-Stan 00-600) to an identified end user community.

The fielding schedule will allow the delivery of ILS product based upon the MOD fielding plan schedule

Full Description \ Product Composition

Fielding Schedule Product Description

Introduction

This document contains management information for the fielding of the ILS product to an identified end user community.

Much of the information contained in the fielding plan is sourced from other project deliverables and documents and should only be included here in sufficient detail to allow the fielding of the ILS product

The fielding plan is primarily derived from the contactor ISP and to a lesser extent the MOD ILSP with additional detail from the end user. The MOD ILS manager in partnership with the end user community will need to develop a MOD master fielding schedule

The Fielding Schedule must be developed to support the requirements of the MOD Fielding Plan, where one exists.

Detailed information that is subject to change such as contact information and detailed delivery \ deployment schedules are to be included as annexes.

The fielding schedule(s) may be a single comprehensive list, or a number of lists tailored for individual operating Centres, platforms, units at discretion of the project manager.

The MoD project manager is responsible for agreeing the fielding schedule with the end user. Responsibility for developing the schedule will normally be delegated to the contractor.

Fielding methodology

The fielding methodology must detail a process for issuing materiel that is safe, fit for its intended purpose and supportable at issue.

The method used for fielding might be constant throughout the entire introduction into service or differ on a number of basis, eg. Initial Operating Capability(IOC) and Full Operating Capability (FOC) may use different methods. Urgent Operational Requirements (UOR) may be undertaken differently. Different global locations may be undertaken differently.

The method of fielding to achieve FOC must be specified. The method used to field equipment to support IOC must be specified if differing from FOC.

A number of approaches to fielding are recognised, including:

- Incremental,
- Phased,
- Push – Pull.

Fielding Team Considerations

The roles of all staff involved in the fielding process must be specified

Any additional resource required to field the system, over and above that already present in the ILS team must be identified.

The relationship between the MOD (including DE&S / Operating centres /User) and Contractual partners must be identified where it differs from that identified in the ILSP / ISP eg. The use of floorwalkers to assist staff during the first few days of introducing a new IS system.

Associated Equipment / Systems

The fielding plan must detail any existing system that must be removed, displaced or modified.

The impact of the new ILS product on the software or hardware of any existing mission or support system must be identified.

ILS Element Considerations

The following ILS Elements should be given careful consideration when developing the fielding schedule. Not all elements may not be fully mature at the start of fielding and the impact upon the end user must be considered.

- Maintenance support;
- Training Support;
- Manpower requirements;
- Facilities;
- PHS&T;
- Technical Information;
- Supply Support.

Associated Disciplines Considerations

The associated disciplines section of the fielding schedule need only augment what is in the main project documentation so far as is necessary to support the transition of the ILS product into service.

Security

The security section of the fielding schedule must consider the following:

- A security management system must be in place prior to fielding the system.
- Security Aspects of the systems must be identified and documented prior to fielding the system.

- Any security aspects of the system that will require consideration during the fielding process, particularly the handover of responsibility from the contractor to the user must be documented.
- For CIS systems JSP 604 Compliance must be attained prior to connecting the system to any MOD network.

Safety

The safety section of the fielding schedule must consider the following:

- Prior to fielding the equipment, a clearly defined safety management system must be in operation.
- The organisation responsible for designating the system safe to issue to users must be identified.
- Approval from a suitable authority with delegated safety responsibilities must approve the introduction of the product into service.

Commercial Considerations

The commercial section of the fielding schedule must consider the following:

- Warranty Considerations;
- Defect Considerations;
- IPR licensing considerations, inc. software licences.

The responsibility for each and the procedures for dealing with each must be detailed for the transition period from contractor to the MOD during the fielding activity.

Actions required by MOD to place equipment into service

Front Line commands

Responsibility for sources of service manpower to fulfil the requirements of the fielded system during the fielding process must be identified.

The role of the end user (if any) in the acceptance process must be identified.

Information requirements

The information requirements and data flows required during the fielding process must be identified and detailed if they differ from the procedures identified in the Logistic Information Plan

Consideration should be given to the information required by the following systems.

- Fleet Management
- Asset Management
- Commodity Management
- Defect Reporting and Corrective Action System

DE&S

The fielding schedule should list requirements placed on the project team by the fielding process that are not covered sufficiently in the MOD Fielding or ILS Plans.

The responsibilities addressed should include:

Budgeting Activities
Acceptance process
Information Requirements

The fielding schedule should specify the interface with the MOD Fielding plan.

Annexes A. Points of contact B. Associated MOD Fielding Schedule
Format and Presentation ISO PDF Microsoft Office Suite
Allocated Responsibilities Customer Owner – DT ILSM \ TTLS Manager Supplier Owner – Contractors ILSM Customer Assurance – TLS Sp Dir CET Team Representative Supplier Assurance – Quality Manager
Quality Assurance Quality method – Not Specified Performance Indicators – Not Specified Quality Check skills required Customer – MOD ILS Level 3 Licence

Table A8 - Supportability Analysis (SA) Tasks Plan

ILS Product Description	
Product Title Supportability Analysis (SA) Tasks Plan	**Product Description Identifier** PD 1001-02
Description Synopsis This PD identifies a Plan for SA Activities and sub activities that will be performed.	
Purpose The principal use of this PD is to provide the MOD with a basis for review and evaluation of activities for ensuring contractual compliance.	
Full Description \ Product Composition This product contains a plan for the conduct of the SA Activities and sub activities to meet the contracted requirements of DEFSTAN 00-600: The following tasks are normally carried out by the customer and shall only be included in the plan under exceptional circumstances: SA strategy Supportability analysis plan Programme and design reviews Use study The following tasks are normally conducted by the contractor and shall be covered by the plan unless tailored out. Mission hardware, software, firmware and support system standardization; Comparative system; Technological opportunities; Supportability and supportability related design factors; Functional requirements identification; Support system alternatives; Evaluation of alternatives and trade-off analysis; Maintenance Task Analysis; Early fielding analysis; Post production support analysis; Supportability test, evaluation and verification.	
Format and Presentation ISO PDF Microsoft Office Suite	
Allocated Responsibilities Customer Owner – DT ILSM \ TTLS Manager Supplier Owner – Contractors ILSM Customer Assurance – TLS Sp Dir CET Team Representative Supplier Assurance – Quality Manager	
Quality Assurance Quality method – Formal Review Performance Indicators – Not Specified Quality Check skills required: Customer – MOD ILS Level 3 Licence	

Table A9 Trade-Off Analysis Report

ILS Product Description

Title	**Product Description Identifier**
Trade-Off Analysis Report	PD 1002-02

Description Synopsis

This product description defines a format for the presentation of trade-off analysis results.

Purpose

The principal use of the trade-off report is to advise the MOD of the trade-off analysis results to determine contractual compliance

Full Description \ Product Composition

1. The format of the report shall contain each of the sections listed below. If there is no data or text requirement, the contractor shall justify the reasons. The format shall be as follows:

- 1.1. Introduction.
- 1.2. Aim.
- 1.3. Assumptions and Constraints.
- 1.4. General.
- 1.5. Results.
- 1.6. Recommendations.
- 1.7. Annexes.

Detailed Requirements

Content.

The trade-off analysis shall be accomplished by the contractor and include the following topics:

1.1. **Introduction.** The contents of the introduction shall refer to relevant papers and give any previous decisions which have been reached and would normally give the scope and purpose of the analysis conducted. Describe briefly the circumstances leading to the production of the report. In addition, describe briefly the system/equipment under analysis.

1.2. **Aim.** The aim of the report is to recommend to the MOD the proposed support system and document the results of the analysis of risks, costs, availability, support and other factors which determined the recommended best approach to support.

1.3. **Assumptions and Constraints.** The nature of the trade-off techniques used and the scope of the analysis will depend upon both the phase of the project and the system complexity. Trade-offs early in the program will generally be broad in scope. As development progresses, trade-offs are progressively refined and inputs become more specific. The criteria for each evaluation or trade off shall be documented. The baseline information shall be standard throughout the process. The quantitative and qualitative criteria to be used to select the best alternatives shall be documented. Any assumption or constraints pertinent to above factors shall be described.

1.4. **General.** The following topics shall be covered:

1.4.1. The appropriate model or relationship chosen or constructed for conducting the evaluation or trade-off analysis shall be identified.

1.4.2. The support system or system used for the analysis shall be identified, each accompanied by a brief rationale for their use.

1.5 **Results.** The results shall be described in detail under the categories listed below. For each category, the rationale for the recommendation or rejection of alternatives shall be documented.

1.5.1. **Maintenance Policy.** An analysis of the maintenance policy to be adopted, based on Level of Repair Analysis (LORA) shall be described for each alternative. Such an analysis shall take into account the requirements for supply support. A recommendation shall be made of the most acceptable overall maintenance and support concept for the system.

1.5.2. **Manpower and Personnel.** An analysis of the manpower and personnel requirements of each alternative shall be recorded. The evaluation shall include skill specialties, skill levels, and experience that may be required to support the operation and maintenance of the system.

1.5.3. **Training.** The optimum training methods required to implement each alternative shall be discussed and the preferred option identified. Training methods consist of a combination of formal, informal and on-the-job-training.

1.5.4. **Testing Concepts.** Following a description of the alternative available, a recommendation shall be made as to what method of testing is most appropriate to support maintenance actions.

1.5.5. **Comparative analysis.** This section shall identify the supportability problems that occurred with the existing or baseline system and then analyse the proposed support alternatives to see if these problems are surmountable. Shortfalls or critical issues that must be corrected before the new system becomes operational shall be highlighted. The most appropriate alternative shall be identified.

1.5.6. **Energy requirements.** Problem areas that might arise due to changes in cost or availability of energy source shall be identified with respect to each alternative. A preferred solution shall be identified.

1.5.7. **Transportability.** The support option which optimises the use of transportation resources shall be identified.

1.5.8. **Facilities.** The analysis for determining the optimum support system in terms of facilities shall be described and a preferred solution identified.

1.6. **Recommendations.** Having identified the preferred alternatives for each of the categories above, the preferred overall support system shall be identified and justified for the subject system/equipment. This recommendation shall be recorded in the Logistic Information Repository. Follow up action in the light of this report's findings, shall be recommended. Material that has not been addressed in the main body shall not be introduced in this recommendation.

1.7. **Annexes.** Annexes shall be included to provide, as necessary, the detail to support the content, or recommendations of the report. Tables and figures can be included to support textual explanation.

Format and Presentation
ISO PDF
Microsoft Office Suite

Allocated Responsibilities
Customer Owner –- DT ILSM \ TTLS Manager
Supplier Owner – Contractors ILSM
Customer Assurance – TLS Sp Dir CET Team Representative
Supplier Assurance – Quality Manager

Quality Assurance
Quality method – Formal Review
Performance Indicators – Not Specified
Quality Check skills required:
Customer – MOD ILS Level 3 licence
Supplier – Not Specified

Table A10 Failure Modes Effects and Criticality Analysis (FMECA) Programme Plan

ILS Product Description

Product Title	**Product Description Identifier**
Failure Modes Effects and Criticality Analysis (FMECA) Programme Plan	PD 1003-02

Description Synopsis

This Product Description Identifies and describes the contractor's FMECA programme plan. This plan describes the specific techniques to be used and tasks to be performed and defines their development and integration into the overall SA programme and other related programmes.

Purpose

The plan provides the MOD with a basis for the review and evaluation of the contractor's proposed FMECA programme and its content, for ensuring contractual compliance and for providing the milestone schedule indicating when FMECA will be initiated and completed. The plan is the basic tool used to establish and execute an effective FMECA programme. When submitted in response to an Invitation to Tender (ITT), Request for Tender (RFT) or Statement of Work (SOW), it is used in the source selection process.

Full Description \ Product Composition

This Product Description contains the format, content and preparation instructions for the generation of a FMECA programme plan. If there is no data or text requirement in any of the sections or sub-sections, the contractor will enter 'NOT APPLICABLE' and justify the reasons. The FMECA programme plan will be updated, as required, during the contract period, under MOD acceptance, based on analysis results, programme schedule modifications or programme decisions.

This Product is to be used in conjunction with products described in PD1004-01 FMECA report.

Detailed Requirements

1. The FMECA programme plan shall contain the following:
    - 1.1. Identification of the contractor, contract number and contracting organization.
    - 1.2. Identification and description of the End Item.
    - 1.3. Identification of the contractor's organization structure responsible for performing the FMECA.
    - 1.4. Description of the contractor's procedures for implementing the specified requirements of IEC 60812. The description shall include:
        - 1.4.1. Procedures for creating FMECA
        - 1.4.2. Procedures for updating the FMECA to reflect design changes
        - 1.4.3. Procedures for the use of analysis results to provide design guidance.
    - 1.5. Examples of the contractor's worksheet formats used to organize and document the FMECA.
    - 1.6. Description of processes and analysis assumptions that identify:
        - 1.6.1. The FMECA approach i.e. hardware, functional or combination.
        - 1.6.2. The lowest indenture level to be analysed.
        - 1.6.3. General statements or failure definitions of what constitutes an item failure in terms of performance criteria and allowable limits.
    - 1.7. If analysis requirements change any processes or analysis assumptions, they shall be identified and documented in the FMECA report.
    - 1.8. Identification of the indenture level that applies to the system hardware or functional level at which failures are assumed. Unless otherwise specified the contractor shall base the lowest indenture level for analysis on the following:
        - 1.8.1. The lowest level specified in the SA candidate list to assure complete inputs for each SA Candidate
        - 1.8.2. The lowest indenture level at which items are assigned a catastrophic (Category I) or critical (Category II) severity classification category
        - 1.8.3. The specified or intended maintenance and repair levels for items assigned a marginal (Category III) or minor (Category IV) severity classification category.
    - 1.9. Description of the contractor's coding system used for consistent identification of system functions and for tracking failure modes. The coding system shall be based on upon the equipment breakdown structure or other similar uniform numbering system and shall provide complete visibility of each failure mode and its relationship to the system.
    - 1.10. Identification of the data sources used to ascertain failure rates for the FMECA.
    - 1.11 Description of how the results of FMECA will be documented in the Logistics Information Repository.

Format and Presentation ISO PDF Microsoft Office Suite Structured Database
Allocated Responsibilities Customer Owner – DT ILSM \ TTLS Manager Supplier Owner – Contractors ILSM Customer Assurance – TLS Sp Dir CET Team Representative Supplier Assurance – Quality Manager
Quality Assurance Quality method – Formal Review Performance Indicators – Not Specified Quality Check skills required: Customer – MOD ILS Level 3 licence Supplier – Not Specified

Table A11 Failure Modes Effects and Criticality Analysis (FMECA) Report

ILS Product Description	
Product Title Failure Modes Effects and Criticality Analysis (FMECA) Report	**Product Description Identifier** PD 1004-02
Description Synopsis This Product Description and content instructions generated by the task requirement as specified in the contract. The MOD accepted FMECA programme plan forms part of the contract and defines the specific FMECA task requirements.	
Purpose The principal use of the FMECA report is to advise the MOD of the results of the FMECA programme and for determining contractual compliance.	
Full Description \ Product Composition **Detailed Requirements** 1. The contractor's worksheet package, selected as part of the FMECA programme plan, shall form the basis of the FMECA report. Further information required is as follows: 1.1. Identification of the level of analysis carried out. 1.2. Description of the applicable Design Standard. 1.3. System definition narrative and resultant analysis data. 1.4. Detailed Summary of the results. 1.5. Identification of Failure Mode selection. 1.6. Description of Failure Mode Category List. 1.7. Identification of data sources and techniques used in the analysis. 1.8. Recommendations for updating FMECA to reflect design changes. The FMECA report documents, in detail, the results of the FMECA plan carried out by the contractor in compliance with advice and guidance given in the Defence Logistics Framework (DLF) or as otherwise specified in the contract. FMECA reports shall contain, as a minimum, the information detailed below. This product shall be used in conjunction with products described in PD1003-XX FMECA programme plan.	
Format and Presentation ISO PDF Microsoft Office Suite	
Allocated Responsibilities Customer owner – MOD ILS Manager \ TTLS Manager Supplier Owner – ILS Manager Customer Assurance – SEOC CET Team Representative Supplier Assurance – Quality Manager	
Quality Assurance Quality method – Formal Review Performance Indicators – Not Specified Quality Check skills required: Customer – MOD ILS Level 1 licence Supplier – Not Specified	

Table A12 - Reliability Centred Maintenance Programme Plan (RCM)

ILS Product Description	
Product Title Reliability Centred Maintenance Programme Plan (RCM)	**Product Description Identifier** PD 1005-02

Description Synopsis
This identifies and describes the contractor's RCM programme plan. This plan describes the specific techniques to be used and tasks to be performed and defines their development and integration into the overall SA programme and other related programmes.

Purpose
The principal uses for the plan are to provide the MOD with a basis for review and evaluation of the contractor's proposed RCM programme and its contents, for establishing contractual RCM compliance requirements and for providing the milestone schedule indicating when RCM will be initiated and completed. The plan is the basic tool used to establish and execute an effective RCM programme. When submitted in response to an Invitation to Tender (ITT), Request for Tender (RFT) or Statement of Work (SOW), it is used in the source selection process.

Full Description \ Product Composition
This Product Description contains the content and preparation instructions for the data product generated by the provision of an RCM plan and must contain each of the sections listed below. If there is no data or text requirement in any of the sections, the contractor will enter 'NOT APPLICABLE' and justify the reasons. The RCM Programme Plan will be updated as required during the contract period, under MOD acceptance, based on analysis results, programme schedule modifications and programme decisions.
This Product must be used in conjunction with products described in PD1006_XX RCM Report.

Detailed Requirements

1. The RCM Programme Plan shall include the following:
    - 1.1. Identification of the contractor, contract number and the contracting MOD organization.
    - 1.1.1 Identification of the who will be involved with the study and their skills
    - 1.2. Identification and description of the End Item.
    - 1.3. Identification of the 'Operating Context' and boundaries of analysis.
    - 1.4. Examples of how the required information shall be presented including:
        - 1.4.1. Worksheet layout.
        - 1.4.2. Software package utilized.
    - 1.5. The RCM methodology used.
    - 1.6. Description of the coding system used to link the FMECA to RCM task analysis.
    - 1.7. Structurally Significant Item and Functionally Significant Item selection criteria and listing.
    - 1.8. Example of Zonal Plan production.
    - 1.9. Procedures for updating the RCM to reflect design changes.
    - 1.10. Procedures for the use of redesign recommendations to provide design guidance.
    - 1.11. The data sources used to ascertain failure rates and/or failure patterns.

Format and Presentation
ISO PDF
Microsoft Office Suite

Allocated Responsibilities
Customer Owner – DT ILSM \ TTLS Manager
Supplier Owner – Contractors ILSM
Customer Assurance – TLS Sp Dir CET Team Representative
Supplier Assurance – Quality Manager

Quality Assurance
Quality method – Formal Review
Performance Indicators – Not Specified
Quality Check skills required:
Customer – MOD ILS Level 3 licence
Supplier – Not Specified

Table A13 - Reliability Centred Maintenance (RCM) Report

ILS Product Description	
Product Title Reliability Centred Maintenance (RCM) Report	**Product Description Identifier** PD 1006-02
Description Synopsis This product description contains the format and content instructions generated by the task requirement as specified in the contract. The MOD accepted RCM Programme Plan forms part of the contract and defines the specific RCM task requirements.	
Purpose The principal use of the RCM Report is to advise the MOD of the results of the RCM programme and for determining contractual compliance.	
Full Description \ Product Composition The RCM Report documents, in detail, the results of the RCM analysis carried out by the contractor in compliance with the contract and MOD accepted Maintainability plan. This product is to be used in conjunction with products described in PD1005-XX RCM Programme Plan. **Detailed Requirements** 1. The worksheet selected as part of the RCM programme plan shall form the basis of the RCM report. Further information required will be dependent on the worksheet or software package utilized and accepted by MOD. 2. The RCM report shall include: 2.1. The specification of the RCM analysis performed including the RCM methodology used, a description of the End Item, Operating Context and system boundaries. 2.2. A list of all references regarding Policy and warranty obligations together with any examples in which the RCM analysis may challenge Policy. 2.3. Full justification of all task and task frequency recommendations. 2.4. Listing of all outputs generated by the RCM analysis for each item under analysis. 2.5. Recommendations for generation and update of the Preventive Maintenance Plan to reflect current design.	
Format and Presentation ISO PDF Microsoft Office Suite	
Allocated Responsibilities Customer Owner – DT ILSM \ TTLS Manager Supplier Owner – Contractors ILSM Customer Assurance – TLS Sp Dir CET Team Representative Supplier Assurance – Quality Manager	
Quality Assurance Quality method – Formal Review Performance Indicators – Not Specified Quality Check skills required: Customer – MOD ILS Level 3 licence Supplier – Not Specified	

Table A14 - Level Of repair analysis (LORA) Programme Plan

ILS Product Description	
Product Title Level Of repair analysis (LORA) Programme Plan	**Product Description Identifier** PD 1007-02

Description Synopsis

This product description identifies and describes the contractor LORA programme plan and LORA candidate selection criteria. The LORA plan describes the specific techniques to be used and tasks to be performed. It defines their development and integration into the overall SA programme and other related programmes.

Purpose

The principal uses for the LORA programme plan are to provide the MOD with a basis for review and evaluation of the contractor's proposed LORA programme and its proposed content, for establishing contractual LORA compliance requirements, and for providing the milestone schedule or study plan schedule. The plan is used to establish and execute an effective LORA programme. When submitted in response to an Invitation to Tender (ITT), Request for Tender (RFT) or Statement of Work (SOW), it is used in the source selection process.

Full Description \ Product Composition

This product Description contains the format, content and preparation instructions for a LORA programme plan and will contain each of the sections listed below. If there is no data or text requirement in any of the sections or sub-sections, the contractor will enter 'NOT APPLICABLE' and justify the reasons. The plan will be updated as required during the contract period, under MOD acceptance, based on analysis results, programme schedule modifications or programme decisions.

Detailed Requirements

1. The LORA programme plan shall include the following:
    - 1.1. Identification and description of the End Item.
    - 1.2. Identification of the contractor preparing the LORA programme plan, the MOD organization contracting for the LORA programme, and the contract number.
    - 1.3. Identification of the contractor's internal organization structure performing the LORA.
    - 1.4. The interrelationships of the LORA discipline with other ILS elements and system engineering disciplines.
    - 1.5. The method by which LORA information affecting design is disseminated to equipment designers.
    - 1.6. The criteria used to guide the designers on the advisability of discard-at-failure or reparability recommendations.
    - 1.7. The procedures used for collecting, updating and validating LORA input data and final LORA decisions, including:
        - 1.7.1. Procedures for integration and monitoring implementation of the LORA decisions into the system support requirements and logistic planning.
        - 1.7.2. Procedures for updating inputs to the LORA with data and results from contractor testing, demonstrations, development testing and operational testing.

    Note: This product description must be used in conjunction with products described in PD1008-XX LORA Report.

    - 1.8. Delineation of the tasks and milestone schedules required to conduct the LORA programme, along with schedule relationships to schedules of other SA programme requirements and associated system engineering activities.
    - 1.9. Description of each LORA programme task relationship to other SA programme events and its integration into the SA programme schedule to ensure that LORA tasks are completed prior to other SA activities requiring LORA results.
    - 1.10. Identification and description of the LORA model(s) to be used for conducting LORA(s) and the class (es) of LORA that will be performed. A LORA model is defined as a computerized, or manual, mathematical model or technique used to compare the relative economics and performance levels of the viable repair or discard options. There are three classes of LORA which include system or end item analysis, sub-system or item analysis and specific aspects of repair analysis.
    - 1.11. A list that identifies the specific items Which make up the End Item under contract for LORA. The list includes items recommended for analysis, items not recommended for analysis and rationale for selection or non-selection. The list will be consistent with the SA configuration system used in the Logistic Information Repository.

1.12. Identification of previous systems, similar to the system under analysis, in conjunction with their support structure and previous LORAs that are to be used to establish the baseline for the support structure constraints on the system under analysis.
1.13. Reasons and justifications for any non-economic considerations that may impact or shall be considered in adjusting decision alternatives derived from the economic considerations.
1.14. The LORA results which will be used to assist in developing or revising system engineering and logistic products or data within the following:
- 1.14.1. Maintenance planning.
- 1.14.2. Maintenance Allocation Chart (MAC).
- 1.14.3. Source, Maintenance and Recoverability (SMR) coding.
- 1.14.4. Provisioning Parts List (PPL).
- 1.14.5. Logistic Information Repository (LIR).
- 1.14.6. Failure Modes, Effects and Criticality Analysis (FMECA).
- 1.14.7. Reliability.
- 1.14.8. Maintainability.
- 1.14.9. Reliability-Centred Maintenance (RCM).

1.15. How the LORA results will be used to influence the equipment design in the following aspects:
- 1.15.1. Modularity.
- 1.15.2. Built-in-test. (BIT).
- 1.15.3. Built-in-test equipment (BITE).
- 1.15.4. Testability.
- 1.15.5. Repair or discard.

1.16. The LORA data required to execute the LORA model(s) and the sources to provide that data (eg MOD, contractors, sub-contractors, vendors, test agencies).
1.17. The sensitivity analysis requirements and proposed ranges of particular data elements to quantify the uncertainty of design and programme characteristics.

Format and Presentation
ISO PDF
Microsoft Office Suite

Allocated Responsibilities
Customer Owner – DT ILSM \ TTLS Manager
Supplier Owner – Contractors ILSM
Customer Assurance – TLS Sp Dir CET Team Representative
Supplier Assurance – Quality Manager

Quality Assurance
Quality method – Formal Review
Performance Indicators – Not Specified
Quality Check skills required:
Customer – MOD ILS Level 3 licence
Supplier – Not Specified

Table A15 Level Of Repair Analysis (LORA) Report

ILS Product Description	
Product Title Level Of Repair Analysis (LORA) Report	**Product Description Identifier** PD 1008-02

Description Synopsis

This product description contains the format and content instructions generated by the task requirement as specified in the contract. The MOD accepted LORA programme plan forms part of the contract and defines the specific LORA task requirements.

Purpose

The principal use of the LORA report is to advise the MOD of the results arising from the contractor LORA tasks and for determining contractual compliance.

The LORA Report documents, in detail, the results of the activities set out in the LORA programme plan performed by the contractor in compliance with SA Task and as defined in the Contract. The report documents and supports the analysis and subsequent recommendations on the economic, and operational advantages with reference to the following:

a. Repair versus discard at failure.
b. Optimum repair level.
c. Support equipment (including test programme sets, built-in-test equipment, and discrete test equipment).
d. Maintenance facility requirements.
e. Maintenance and supply support life cycle costs.
f. Spare parts provisioning.
g. Specific design alternatives for each of the items undergoing LORA.

This report also documents data input into the LORA model(s) and the sources of the data. Also documented is a baseline output product from the execution of the LORA model(s).

This Product Description shall be used in conjunction with PD1007-XX LORA Programme Plan.

Full Description \ Product Composition

1. The LORA report shall include the following:

1.1. A statement of the LORA performed and descriptions of each maintenance alternative, location and operational scenario considered for: test, measurement and diagnostic equipment; maintenance personnel; built-in-test equipments; supply and maintenance facilities.

1.2. The LORA model(s) used. A LORA model is defined as a computerized, or manual, mathematical model, or technique used to compare the relative economics and performance levels of the viable repair or discard options.

1.3. The contractor's level of repair or discard recommendation for each item undergoing LORA. The items subjected to LORA are those listed in the MOD approved LORA programme plan. Included is a brief discussion of the compatibility of the LORA recommendations with the operational (both performance and support) and technical (reliability and maintainability design factors) requirements of the system.

1.4. Any recommended repair or discard level discussion, where cost is irrelevant due to operational and/or support requirements. Also, to be explained are the non-economic considerations which may result in a different decision from those based on economic factors.

1.5. Identification of any economic benefits to be achieved under warranty or any form of contractor support.

1.6. A listing of the LORA model data elements utilized, and numerical values used for each data element in analysing level of repair and discard alternatives. A reference to the origin of numeric data for each data element is to be included. A description is to be included of the method or methods used for deriving any estimated data. The description, in particular, shall cover the rationale to support the reliability and maintainability values used in the LORA (together with the source for those values) and justification of any derivation or allocation from the required values. Any estimated values are also covered in the sensitivity analysis discussion.

1.7. A definition of the sensitivity analysis performed along with the results. The discussion shall include the identification of the LORA model data elements varied as part of the sensitivity analysis and the specific numerical range used, rationale for that range, and the identification of each numerical value varied which impacts on the contractor LORA recommendation. The discussion of the sensitivity and analysis is intended to qualify the uncertainty of design and characteristics by providing a measure of the validity of the LORA recommendations.

1.8. A definition of the sensitivity of the LORA decisions. This definition is included as part of the sensitivity analysis and shall include the identification of the detrimental aspects of choosing alternatives, other than those selected as optimum when considering economic, non-economic and operational advantages.
1.9. Recommendations for updating any maintenance and logistic support planning factors.
1.10. Identification of any recommendations made for updating planning factors related to maintenance and logistic support based on the LORA. Also discussed are the established operational and readiness requirement limitations and effects that are taken into account when making level of repair and discard recommendations.
1.11. A tabulation of the complete system or equipment items analysed. An explanation of how the reference to the tabulation is to be included if SA is not invoked. Also included are the LORA recommendations resulting from the present analysis along with any previous MOD accepted recommendations or decisions made from past analysis.
1.12. A listing of the outputs generated by the execution of the LORA model(s) for the items under analysis.
1.13. The documentation of the level of repair and discard decisions made by the MOD after the review of the contractor's repair or discard recommendations. The decisions could range from full acceptance to deferral. The decisions documented are to be considered as interim and may change if conditions in the programme change. This section shall be considered as a planning tool. Great care shall be given in determining and documenting the interim level of repair and discard decisions because of the impact and cost associated with planning for a specific maintenance structure which may change. The sensitivity analysis discussion will be used to determine the risks involved in making a level of repair and discard decision.
1.14. A comparison of any similar system/equipment identified and their maintenance structures against the system/equipment under analysis.
1.15. The identification of any constraints that were levied against the similar equipment that influenced the level of repair and discard decisions on those equipment's.
1.16. The identification of specific components and assemblies that have established maintenance structures that are to be used by the equipment under analysis.
1.17. An indication and a discussion of how the LORA source data is used for the similar equipment, to include recommendations for updating the logistic planning factors for the equipment under analysis, based on the LORAs conducted on the similar equipment under review.
1.18. A justification of any recommendations to the equipment designer to influence the design of the system under development.
1.19. Identification of recommended actions by the equipment designer to incorporate the LORA decisions into the system or equipment.
1.20. A description of problems, conclusions, assumptions, exceptions, and actions required.

Format and Presentation
ISO PDF
Microsoft Office Suite

Allocated Responsibilities
Customer Owner – DT ILSM \ TTLS Manager
Supplier Owner – Contractors ILSM
Customer Assurance – TLS Sp Dir CET Team Representative
Supplier Assurance – Quality Manager

Quality Assurance
Quality method – Formal Review
Performance Indicators – Not Specified
Quality Check skills required
Customer – MOD ILS Level 3 licence

Table A16 - Technical Documentation Management Plan (TDMP)

ILS Product Description	
Product Title Technical Documentation Management Plan (TDMP)	**Product Description Identifier** PD 2001-03

Description Synopsis

This Product Description identifies and describes the Technical Documentation Management Plan (TDMP). The TDMP shall explain the general procedures, terms, and conditions governing the planning, selection, preparation, and delivery of documentation required for the maintenance, operation, and training support of the equipment.

Purpose

The TDMP is used by the MOD to evaluate, monitor and accept the production of the contractor's technical documentation.

Full Description \ Product Composition

If there is no data or text requirement in any of the sections or subsections, the contractor will enter 'NOT APPLICABLE' and justify the reasons.

The TDMP shall follow the format and content as listed below. It shall detail the timescales for the required deliverable

Detailed Requirements

1. The TDMP shall include as applicable:
    - 1.1. A description of the method for developing documentation.
    - 1.2. The system for utilization of information from SA, operational requirements data, engineering data, operator data and test data.
    - 1.3. Methods for achieving consistent and common use of data.
    - 1.4. Use of standards and specifications.
    - 1.5. How the integration and associated activity, and subcontractors' efforts, are related and controlled.
    - 1.6. Documentation development plan and approval procedures.
    - 1.7. Preliminary documentation development and distribution methods.
    - 1.8. First verification procedures.
    - 1.9. Second verification procedures.
    - 1.10. In-Process Review procedures, controls and schedules.
    - 1.11. System for storage and retrieval of data and method to prevent duplication of data already developed.
    - 1.12. DM preparation and control.
    - 1.13. Method of handling routine and priority changes and supplements.
    - 1.14. Documentation status reporting.
    - 1.15. Control of classified information.
    - 1.16. Methods of incorporating engineering changes, and instructions/information furnished by the MOD, for inclusion in documentation.
    - 1.17. It shall contain reference to Defence Standard 00-601: MOD Business Rules – Contracting for Technical Documentation and detail how this has been tailored for the programme and how it maps to the TDMP sections.
    - 1.18. A statement of the method by which a determination will be made in the following areas:
        - 1.18.1. Identification of existing MOD documentation that covers the equipment required by the contractor, or can be made suitable through supplements, changes or revisions.
        - 1.18.2. Identification of existing commercial documentation that covers the referenced equipment or can be made suitable through the preparation of supplements.
        - 1.18.3. Identification of equipment which require new documentation for acceptable support.
    - 1.19. Identification of risks to the successful completion of the documentation effort, particularly those factors not within the control of the technical documentation organization, and associated proposals for risk containment.
    - 1. 20. The plan shall include a brief description of the contents of each deliverable or groups of deliverables. These descriptions shall include:
        - 1. 20.1. References to specific sections of the applicable specification to indicate the extent of compliance and non-compliance with the requirements.
        - 1.20.2. Any special features or innovations of this documentation programme.

1.20.3. Projected requirements for new presentation techniques based upon peculiarities of equipment configurations and design.

1.21. Procedures used to ensure the schedule for release of documentation recognizes any interrelated document dependencies.

1.22 An indication of the guidance sections that shall be treated as mandatory shall be identified as an annex to the TDMP

2. The TDMP shall detail the timescale for delivery of the following as required:
   - 2.1. Project tailoring of Defence Standard 00-601 (PD2002-02)
   - 2.2. Data Modules Requirements List (DMRL) (PD2003-02)
   - 2.3. Project BREX (PD2004-02)
   - 2.4. IETP Compliant Dataset (PD2005-02)
   - 2.5. Interactive Electronic Technical Publication (IETP) (PD2006-02).
   - 2.6. Portable Document Format (PDF) (PD2007-02).

Format and Presentation
ISO PDF
Microsoft Office Suite

Allocated Responsibilities
Customer Owner – DT ILSM \ TTLS Manager
Supplier Owner – Contractors ILSM
Customer Assurance – TLS Sp Dir CET Team Representative
Supplier Assurance – Quality Manager
MOD SME – DES SpDir-SCG-SCEng-TechDocs

Quality Assurance
Quality method – Formal Review
Performance Indicators – Not Specified
Quality Check skills required:
Customer – MOD ILS Level 3 licence
Supplier – Not Specified.

Table A17 - Defence Standard 00-601 tailored

ILS Product Description	
Product Title Defence Standard 00-601 tailored	**Product Description Identifier** PD 2002-02
Description Synopsis This product description identifies and describes the tailoring by a project of Defence Standard 00-601: MOD Business Rules – Contracting for Technical Documentation. This tailoring is required to ensure a project defines the business rules required.	
Purpose To identify the detailed Business Rules to be applied within the programme.	
Full Description \ Product Composition 1. The programme will work with the contractor to produce an agreed set of Business Rules for the programme. 2. The Business Rules shall be delivered to the MOD ILS Manager prior to authoring start and re-issued as necessary prior to scheduled ILS TD working group meetings.	
Format and Presentation Microsoft Office Suite	
Allocated Responsibilities Customer Owner – DT ILSM \ TTLS Manager Supplier Owner – Contractors ILSM Customer Assurance – TLS Sp Dir CET Team Representative Supplier Assurance – Quality Manager MOD SME – DES SpDir-SCG-SCEng-TechDocs	
Quality Assurance Quality method – Formal Review Performance Indicators – Not Specified Quality Check skills required: Customer – MOD ILS Level 3 licence / ASD S1000D detailed technical knowledge Supplier – Not Specified	

Table A18 Data Module Requirements List (DMRL)

ILS Product Description	
Product Title Data Module Requirements List (DMRL)	**Product Description Identifier** PD 2003-02
Description Synopsis This product description identifies and describes the Data Module Requirements List (DMRL). The DMRL forms part of the Technical Document Management Plan (TDMP). The format shall be as detailed at time of contract. The content of the DMRL shall include all Data Modules (DM) required to support the equipment. Note:- Where required other support information may be delivered at the same time to support the overall TD deliverables. Eg. Design Datum Pack deliverables in the Maritime environment.	
Purpose To identify the detailed content requirements of electronic technical documentation produced in accordance with ASD S1000D.	
Full Description \ Product Composition 1. The information to be presented for each DM shall consist of the following as a minimum: 1.1. DMC (Data Module Code). 1.2. DM title. 1.3. Issue Number. 1.4. Issue Date (This shall be the date the DM was issued). 1.5. QA Status of the DM. 1.6. Classification of the DM. 1.7. Source Configuration Identifier (SA, Design etc) Note:- Some of the information included in the DMRL may come from other data sources. Eg. LSAR. 2. The DMRL shall be delivered to the MOD ILS Manager prior to authoring start and re-issued as necessary prior to scheduled ILS TD working group meetings.	
Format and Presentation Microsoft Office Suite XML	
Allocated Responsibilities Customer Owner – DT ILSM \ TTLS Manager Supplier Owner – Contractors ILSM Customer Assurance – TLS Sp Dir CET Team Representative Supplier Assurance – Quality Manager MOD SME – DES SpDir-SCG-SCEng-TechDocs	
Quality Assurance Quality method – Formal Review Performance Indicators – Not Specified Quality Check skills required: Customer – MOD ILS Level 1 licence Supplier – Not Specified	

Table A19 - Project Business Rules Exchange (BREX) file

ILS Product Description	
Product Title Project Business Rules Exchange (BREX) file	**Product Description Identifier** PD 2004-02
Description Synopsis This product description identifies the project BREX. This is required by the project to ensure that data modules created are compliant with the business rules agreed by the project.	
Purpose To identify the detailed BREX to be applied within the project.	
Full Description \ Product Composition 1. The BREX is an ASD S1000D Data Module that details in XML form the agreement made on the construct of the Project business rules. 2. The BREX file or files, if a layered approach is used (see ASD S1000D) will ensure compliance with the agreed business rules for the project tailored Defence Standard 00-601. 3. The BREX shall be delivered to the MOD ILS Manager, and associated information supply chain partners, prior to authoring start and re-issued as necessary prior to scheduled ILS TD working group meetings.	
Format and Presentation XML	
Allocated Responsibilities Customer Owner – DT ILSM \ TTLS Manager Supplier Owner – Contractors ILSM Customer Assurance – TLS Sp Dir CET Team Representative Supplier Assurance – Quality Manager MOD SME – DES SpDir-SCG-SCEng-TechDocs	
Quality Assurance Quality method – Formal Review Performance Indicators – Not Specified Quality Check skills required: Customer – MOD ILS Level 3 licence / ASD S1000D detailed technical knowledge Supplier – ASD S1000D detailed technical knowledge	

Table A20 - IETP Compliant Dataset

ILS Product Description	
Product Title IETP Compliant Dataset	**Product Description Identifier** PD 2005-02
Description Synopsis This product description defines an IETP compliant Dataset.	
Purpose The purpose of the Dataset to allow a project to take delivery of a full set of information formatted so that it will work in the IETP. Note:- It may contain a single Dataset or multiple Datasets.	
Full Description \ Product Composition The format of the Dataset is based on information derived from the CSDB or other supporting information databases. 1. The Dataset shall contain all the DM and associated information objects compiled to ensure that the Corporate IETP software will render this dataset to the end User.	
Format and Presentation Compiled Dataset applicable for Corporate IETP software.	
Allocated Responsibilities Customer Owner – DT ILSM \ TTLS Manager Supplier Owner – Contractors ILSM Customer Assurance – TLS Sp Dir CET Team Representative Supplier Assurance – Quality Manager MOD SME – DES SpDir-SCG-SCEng-TechDocs	
Quality Assurance Quality method – Formal Review Performance Indicators – Not Specified Quality Check skills required: Customer – MOD ILS Level 3 licence / ASD S1000D technical knowledge Supplier – Not Specified	

Table A21 - Interactive Electronic Technical Publication (IETP)

ILS Product Description	
Product Title Interactive Electronic Technical Publication (IETP)	**Product Description Identifier** PD 2006-01
Description Synopsis This product description identifies and describes the MOD IETP solution.	
Purpose To identify the content and format of Interactive Electronic Technical Publications	
Full Description \ Product Composition 1. General. The IETP to be used is the MOD Corporate solution. Note: - It is understood that some projects specifying an IETP may not be able to use the Corporate solution. Eg FMS type arrangements. In these instances, projects need to understand the through life implications of this and document and manage any risks associated with this.	
Format and Presentation MOD Corporate IETP solution	
Allocated Responsibilities Customer Owner – DT ILSM \ TTLS Manager Supplier Owner – Contractors ILSM Customer Assurance – TLS Sp Dir CET Team Representative Supplier Assurance – Quality Manager MOD SME – DES SpDir-SCG-SCEng-TechDocs	
Quality Assurance Quality method – Formal Review Performance Indicators – Not Specified Quality Check skills required: Customer – MOD ILS Level 3 licence / ASD S1000D detailed technical knowledge Supplier – ASD S1000D detailed technical knowledge	

Table A22 Portable Document Format (PDF)

ILS Product Description	
Product Title Portable Document Format (PDF)	**Product Description Identifier** PD 2007-01
Description Synopsis This product description defines a PDF file(s).	
Purpose The purpose of the PDF is to allow a project to take delivery of a fully formatted publication as a single PDF eg the total publication is within a single PDF or as multiple PDFs. Eg Each chapter is delivered as a separate PDF. Note: - The delivery methodology should suit how the Delivery Team (DT) intends to manage the publication(s).	
Full Description \ Product Composition The format of the PDF is based on the publications derived from an ASD S1000D CSDB or MS Office source material. Detailed Requirements 1. The PDF shall contain all the Data Modules (DM) and associated information objects or MS Office Suite documents to allow the production of a final deliverable PDF.	
Format and Presentation ISO PDF	
Allocated Responsibilities Customer Owner – MOD ILS Manager Supplier Owner – ILS Manager Customer Assurance – SIT Representative Supplier Assurance – Quality Manager MOD SME – DES SpDir-SCG-SCEng-TechDocs	
Quality Assurance Quality method – Formal Review Performance Indicators – Not Specified Quality Check skills required: Customer – MOD ILS Level 3 licence / ASD S1000D technical knowledge Supplier – Not Specified	

Table A23 Supply Support Strategy

ILS Product Description	
Product Title Supply Support Strategy	**Product Description Identifier** PD 3001-02
Description Synopsis This PD describes a strategy for the ILS element of Supply Support (SS). The SS Strategy.	
Purpose For the customer (MOD) to identify their SS requirements for the through-life delivery of Supply Support to the supplier (contractor(s)).	
Full Description \ Product Composition The SS strategy shall seek to harness innovation and industrial power to facilitate optimised and integrated commercial solutions. However, it shall be developed within Key Support Areas (KSAs) of the Support Solutions Envelope (SSE), specifically: KSA 1 – Logistic Support and Sustainability; KSA 2 – Supportability Engineering; KSA 3 – Supply Chain Management; KSA 4 – Logistic Information. Responsibility for initial development of the strategy lies with the Delivery Team (DT) in conjunction with the Programme Support Office. It must be included within the project Through Life Management Plan (TLMP) / Integrated Logistic Support Plan (ILSP). **SS Deliverables** The Supply Support strategy will detail the project Supply Support Procedures (SSPs) and cover the following SS deliverables: 1. Supply Support Plan (SSP) 2. Design for Supply Support 3. Delivery of Supply Support 4. Monitoring and review of Supply Support procedures Areas to be addressed in the strategy: a. **Logistic Support & Sustainability.** The ability to provide logistic support / sustainability to conduct operations (generate, deploy, operate and recover contingent forces) as defined by Defence Planning Assumptions (DPAs). b. **Engineering and Asset Management.** For safety and engineering purposes certain high value and critical assets are governed by specific policy. Engineering Managed Items (EMIs) are tracked through-life by a unique serial number which has to be recorded on MOD Logs/E&AM IS on receipt of the item. It is important to ensure that EMIs are easily identifiable at point of delivery to ensure the appropriate procedures governing the receipt, storage, maintenance and issue of assets controlled under EMI policy can be implemented. Further information can be found in the Defence Logistics Framework (DLF). c. **Material Flow.** The aim of Material flow is the creation of a lean and agile supply chain that offers speed, certainty and low total cost. d. **Industry and Innovation.** The supply support strategy / solution shall seek to harness innovation and industrial power to facilitate optimised and integrated commercial solutions. e. **Contractors Support to Operations.** The use of contractors to support operations. f. **IKM and Logistic C4I.** Requirements for effective Information and Knowledge Management (IKM) and a reliable, secure and coherent approach to Logistic Command, Control, Communications, Computing and Information (C4I), to maximise the availability of logistic information and improve asset visibility and logistic decision making. This seeks to maximise the availability of logistic information, enable asset visibility and improve logistic decision making. g. **People and Training.** The timely provision, retention and sustainment of the optimum mix of support personnel, correctly trained and resourced. h. **Whole Life Costing (WLC) and Cost of Ownership.** The critical examination of the Cost of Ownership of Defence equipment, taking full account of the longer-term implications of acquisition, including operating, training, supporting, sustaining and disposal. i. **Resource Management.** The management of financial processes in order to ensure optimum utilisation of resources with due regard to propriety, regularity and value for money.	

j. **Environment and Safety.** The compliance with appropriate E&S legal, regulatory and policy requirements. k. **Supply Support Budget.** The Supply Support budget will develop as work on the Key Support Areas progresses and must form an integral part of the Business Case for Initial and Main Gate Submissions. Responsibility for the budget lies with the Programme Board and the DT.
Format and Presentation ISO PDF Microsoft Office Suite
Allocated Responsibilities Customer Owner – DT ILSM \ TTLS Manager Supplier Owner – Contractors ILSM Customer Assurance – TLS Sp Dir CET Team Representative Supplier Assurance – Quality Manager
Quality Assurance Quality method – Formal Review Performance Indicators – Not Specified Quality Check skills required: Customer – MOD ILS Level 3 licence Supplier – Not Specified

Table A24 Supply Support Plan

ILS Product Description	
Product Title Supply Support Plan	**Product Description Identifier** PD 3002-02
Description Synopsis The Supply Support Plan (SSP) provides the Supply Support elements of the Integrated Logistic Support Plan (ILSP)	
Purpose The SSP is the means by which the supplier (contractor) effectively demonstrates how they will plan, design, deliver and monitor supply support to the customer (MOD ILSM).	
Full Description \ Product Composition SUPPLY SUPPORT PLAN (SSP) - EXAMPLE OUTLINE 1. Introduction 2. Principles 3. Aim 4. Scope 5. Supply support organisation 6. Departmental responsibilities 7. General strategy, eg Proposed policy or options to be considered including the supply of any spares package 8. Schedule of SS milestones 9. Stakeholder management 10. Monitor and evaluation of through-life SS. Refer to the use of modelling tools to identify the most economic repair parts and spares package needed to support the operation and maintenance of the equipment at all maintenance levels in conjunction with the SA activities 11. Project supply documentation including Illustrated Parts Catalogues and/or Illustrated Spare Parts Lists. Processing of the Maintenance Planning data to identify the spares to be included in the Technical Documentation. 12. Initial Provisioning (IP) (DEFCON 82) detailed requirements for: a. IP responsibilities. Define the procedures for electronic spares procurement. b. IP guidance conferences. c. Pre-Assessment Meetings and timescales. d. Initial Provisioning List (IPL), complete the level of breakdown; the presentation, size and number of IPL; the management and interpretation of specific data elements; and parts data commonality. e. The preparation, process, presentation and layout of IPL's. f. The preparation, control and distribution of illustrations. g. Updating of IP data the management and administration of updates and corrections. h. The generation, format and management of observations. i. The structure and format for the electronic data interchange (EDI) (DEFFORM 30). 13. NATO codification. Responsibilities for codification and definition of procedures and processes to be used to identify those that need codification. (DEFCON 117) 14. Order Placement. eProcurement procedures. 15. Re-provisioning/Inventory management & optimisation. 16. Pipeline times. Briefly describe supply support plans for crisis/war. 17. Packaging including the use of Special to Type Containers (STCs) (DEFCON 129). 18. Handling. Mechanical Handling Equipment requirements and transportability. 19. Storage/Shelf-life requirements. 20. Transportation. 21. Delivery arrangements. 22. Labelling/Bar Coding (DEFCON 129) 23. Soft Consumables. 24. Health and Safety (Safety Data Sheets in accordance with DEFCON 68 (Supply of Data for Hazardous Articles, Materials and Substances). DEFCON 624 (Use of Asbestos In Arms, Munitions Or War Materials) must be included in all Invitations To tender (ITTs) 25. Engineering Drawing Provision.	
Format and Presentation ISO PDF	

Microsoft Office Suite
Allocated Responsibilities Customer Owner – DT ILSM \ TTLS Manager Supplier Owner – Contractors ILSM Customer Assurance – TLS Sp Dir CET Team Representative Supplier Assurance – Quality Manager
Quality Assurance Quality method – Formal Review Performance Indicators – Not Specified Quality Check skills required: Customer – MOD ILS Level 3 licence Supplier – Not Specified

Table A25 - Initial Provisioning Guidance Conference Requirements

ILS Product Description	
Product Title Initial Provisioning Guidance Conference Requirements	**Product Description Identifier** PD 3003-02
Description Synopsis This product description identifies and describes the issues to be addressed at the Initial Provisioning (IP) Guidance Conference.	
Purpose For customer and supplier to agree the contractual requirements to be satisfied prior to any provisioning activity.	
Full Description \ Product Composition 1. Essentiality of data elements are determined and agreed together with the requirement and frequency of messages; and most importantly of all, the content of the Interchange Agreement is finalised. The requirements for testing must be agreed. For example the following aspects must be determined: 1.1. The level of testing: at the interface or at database level. 1.2. The responsibility for the production of test data. 1.3. The method to be adopted for the evaluation of the results of testing. 2. Agreement must be reached on maintenance concepts and support policies and timescales for undertaking the IP programme. The main outputs will be an agreed IP programme and completed IP Guidance Document. 3. The format and content required for the production of the results will be in the form of minutes which will be used to formulate the IP Guidance Document (PD 3003-02) **Detailed Requirements** 1. The IP Guidance Conference will be jointly chaired by the MOD ILSM, or nominated representative, and the contractor's ILS manager, or nominated representative. 2. The conference will be called by the MOD at a date and time agreed with the contractor. 3. The conference shall be held at the contractor's premises where suitable conference facilities shall be provided. The minutes shall be prepared in accordance with PD 3003-02. 4. The conference format and agenda shall cover a list of topics which shall be developed and tailored to suit individual project requirements. The following shall normally be included in the agenda: 4.1. Confirmation and explanation of the contractor's approach to IP in order to reflect the developing maintenance concept and support policy. 4.2. Establishment of the level of IP presentation required. 4.3. Outline for the IP programme. 4.4. Timescales for the IP programme. 4.5. Requirement for advance part-number orientated Initial Provisioning Lists (IPL). 4.6. Customer's support parameters on which all spares' recommendations shall be based. 4.7. Parts data commonality. 4.8. Concurrent ordering of production, and spare, line replaceable items, together with any procedures to be followed. 4.9. Deviations from the IP process as defined in the Defence Logistics Framework (DLF). 4.10. Codification requirements. 4. 11. Identification of applicable data elements, agreement on their interpretation, and allocation of appropriate codes to be used in the project. 4.12. Implementation of appropriate Interchange Agreements. 4.13. Contractor's and customer's IT systems to be used in the IP process, and confirmation of their availability and timescales predicated by the IP Programme Plan. 4.14. Parameters for a test programme for data exchange. 4.15. Procedure for handling observations. 4.16. Procedure for the placement of IP orders. 4.17. Requirement for an IP guidance document. 4.18. Production and delivery of illustrated parts documentation. 4.19. Arrangements for the conduct of pre-assessment meetings. 4.20. Implications of any arrangements for contractor support on the IP process. 5. The discussions at the IP Guidance Conference shall be conducted 'without prejudice' and shall not affect the rights and liabilities of the parties to the contract.	

Format and Presentation ISO PDF Microsoft Office Suite
Allocated Responsibilities Customer Owner – DT ILSM \ TTLS Manager Supplier Owner – Contractors ILSM Customer Assurance – TLS Sp Dir CET Team Representative Supplier Assurance – Quality Manager
Quality Assurance Quality method – Formal Review Performance Indicators – Not Specified Quality Check skills required: Customer – MOD ILS Level 3 licence Supplier – Not Specified

Table A26 Initial Provisioning Guidance Document

ILS Product Description	
Product Title Initial Provisioning Guidance Document	**Product Description Identifier** PD 3004-03
Description Synopsis The results of the IP Guidance Conferences will be incorporated into a formal Guidance Document which will provide details of the requirements for agreement between MOD and contractor. The IP process and supporting procedures may be tailored on a project specific basis and requirements agreed between the customer and contractor.	
Purpose The IP Guidance Document will define the detailed methods by which the initial spares support requirements are identified, listed and presented to the MOD ILSM. Within IP, options exist for selection of data elements and the use of messages. The Guidance Document will formally list the topics discussed at the Guidance Conference and will provide a record of the agreements reached.	
Full Description \ Product Composition 1. The following are topics which need to be covered by the IP Guidance Document: 1.1. Long Lead –Time Items – Part Number Orientated Initial Provisioning Data Presentations (PNOIPD). The Customer and the contractor must agree at the start of a project what constitutes a Long Lead Time. Items whose manufacturing lead time exceed this period will be the subject of a PNOIPD IPL presentation. 1.2. Size of IPL. Any IP project numbering system that provides a high degree of flexibility in handling the large amounts of data flows will be acceptable. Any such system shall take into account: a. Each Catalogue Sequence Number (CSN) – orientated IPL shall contain a maximum of 5000 lines, unless otherwise identified in the Supply Support Plan (SSP). b. An IPL may consist of a number of IP Project Numbers (IPPN). c. An IPPN shall be discrete to the contractor holding the relevant system design responsibility. d. For individual equipment, the content of a single IPPN presentation shall relate to the content of the Illustrated Parts Catalogue (IPC) for that equipment. 1.3. Timescales. If the timescales for the conduct of the IP Programme vary from those published, revised flow charts will be provided by the Customer in the SSP. Eg the need for the deferment of spares quantification modelling or order placement. 1.4. Illustrations. The medium by which illustrations shall be provided to support Draft and Master IPL will be stated in the SSP. 1.5. Pre-Assessment Meetings (PAM). The PAM is a meeting, normally chaired by the Customer, at which the Customer and the contractor can agree all outstanding observations and the content of the formal IPL. The outcome of the PAM is the Master IPL. Each PAM shall not exceed 5 working days. Note: Determination of the quantities of spares to be procured involves the following business processes: a. Identification of Items for Codification: (1) Codification. (2) Transfer of Item data to MOD Supply System Base Inventory System (BIS). (3) Identification of Items for inclusion in Technical Documentation. (4) Cooperate with Technical Documentation to ensure appropriate standards are met. (5) Identification of Items for Initial Provisioning (IP). (6) Iterative determination of range and scale of spares; including appropriate modelling. (7) Screening against existing Defence Inventory to prevent duplication of supply. (8) Procurement of IP and transfer of Contract data to Supply System. (9) Transfer of unique asset identification data to MOD asset management system for Engineering Managed Items.	
Format and Presentation ISO PDF Microsoft Office Suite	
Allocated Responsibilities Customer Owner – DT ILSM \ TTLS Manager	

Supplier Owner – Contractors ILSM Customer Assurance – TLS Sp Dir CET Team Representative Supplier Assurance – Quality Manager
Quality Assurance Quality method – Formal review Performance Indicators – Not Specified Quality Check skills required: Customer – MOD ILS Level 3 licence

Table A27 Initial Provisioning List (IPL)

ILS Product Description	
Product Title Initial Provisioning List (IPL)	**Product Description Identifier** PD 3005-04
Description Synopsis There may be numerous iterations of an IPL. The ASD S2000M process has the potential for a Draft, Formal and Master IPL. The process will be agreed between the MOD and contractor at the IP Guidance Conference before the IP programme commences.	
Purpose The IPL is the means by which the supplier (contractor) identifies lists and presents the recommended spares and S&TE required to support the equipment/platform for the Initial Support Period to the customer (MOD ILSM).	
Full Description \ Product Composition 1. The IPL will contain categories of spares scaling requirements for consideration and include: a. Initial outfit of spares for operational support b. Initial outfit of spares for depot support c. Installation and setting to work spares d. Spares for support and test equipment e. Whole life buys 2. Draft IPL. After the first compilation of data the contractor provides the Draft IPL (preferably by electronic means) to the Customer. The Customer must review the contents of the Draft and make observations as required to the contractor. The Draft IPL is also used to initiate the NATO Codification process. Contractor to issue, DT- ILSM to review. 3. Formal IPL. On receipt of the Customer's observations, the contractor will amend his database whenever he accepts the Customers observations. Additionally, the contractor will also incorporate the results of the codification process and will prepare the Formal IPL for presentation and consideration at the Pre-assessment Meeting. 4. Pre-assessment Meeting (PAM). PAMs are normally held at the Manufacturer's works, where it's required to make the equipment and engineering drawings available for inspection. The outcome of the PAM will be a set of agreed changes to the Formal IPL which will be incorporated into the Contractors database and issued as the Formal IPL. Formal IPL are normally produced in hardcopy. The contractor is responsible. The purposes of the PAM are to: a. Familiarise the Customer with the equipment to be supported. b. Review the Customer's observations on the IP Data and to agree any actions necessary. c. Review any NATO codification queries. d. Allocate any outstanding codes, including Customer supplied codes. e. Approve the IP data. 5. Master IPL. The Master IPL is the final version of the provisioning documentation agreed by the Pre-Assessment meeting. It is used by the Customer to establish the Provisioning and Ordering Processes. The contractor is responsible. Data Elements required in the IPL Manufacturers Part Number Manufacturer NSN (if already codified) Short item name Unit of Issue Pre packed quantity Materiel Accounting Classification Code (Provided by DE&S DT) Recommended base quantity Recommended deployed quantity Engineer Managed Item Indicator Periodic maintenance indicator Pre-issue inspection indicator Shelf-Life Indicator Packaging level indicator STC indicator Storage requirements	

Calibration indicator Capital spare indicator Hazardous item indictor Electrostatic item indicator Estimated Item Price Lifetime buy recommendations Quality Assurance documentation indicator 6. Output. The main output of IP will be orders placed for the initial spares and S&TE as agreed on the final agreed IPL during the manufacture phase to be delivered to the customer prior to Logistic Support Date (LSD). Spares and S&TE may be required for installation, trials and setting to work prior to LSD.
Format and Presentation ISO PDF Microsoft Office Suite
Allocated Responsibilities Customer Owner – DT ILSM \ TTLS Manager Supplier Owner – Contractors ILSM Customer Assurance – TLS Sp Dir CET Team Representative Supplier Assurance – Quality Manager
Quality Assurance Quality method – Formal review Performance Indicators – Not Specified Quality Check skills required: Customer – MOD ILS Level 3 licence

Table A28 NATO Codification

ILS Product Description

Product Title	**Product Description Identifier**
NATO Codification	PD 3006-02

Description Synopsis

NATO Codification uniquely allocates a NATO Stock Number (NSN) to an Item of Supply. This function can only be carried out in the UK by the UKNCB or an official licensed agent of the UKNCB.

Purpose

It is Defence policy that all Items of Supply procured by DTs or by Industrial partners under Contractor Logistic Support (CLS) arrangements that are to be demanded, managed or tracked using LogIS within the JSC or on MOD Balance Sheet must be NATO codified.

Full Description \ Product Composition

1. NATO Codification is a disciplined process of Identification, Classification, Naming and Unique Numbering of stores by which all Items of Supply can be identified and recorded in a uniform manner.
2. The selection of items requiring codification is generally based on the Initial Provisioning List (IPL). To do this the MOD ensure that the contractor has procedures in place to obtain all relevant obtain all relevant identifying Part/Standard numbers and source data from OEMs in accordance with DEFCON 117.

b. To ensure that the contractor has procedures in place to supply UKNCB with the source data. The contractor may wish to:

(1) Consider employing, or contracting, codification knowledge and experience from an contract cataloguer certified by the UKNCB

(2) Liaise with UKNCB to ensure they meet UKNCB's requirements and communicate any codification relevant messages.

3. NATO Item Identification. NATO item identification comprises the minimum amount of information required to establish positively what an item is and how it differs from similar items. Item identification consists of the following basic elements:

a. The Item Name. Two types of Item Name are used in codification:

(1) Approved Item Name. The Approved Item Name (AIN) is selected and carefully delimited to designate a family of Items of Supply with similar characteristics mostly determined by a definition.

(2) Non-Approved Item Name. The Non-Approved Item Name (Non-AIN) may be a part name given to an item of production by a manufacturer or an official NATO agency according to professional practice when an AIN is not available.

b. The NATO Stock Number. The NATO Stock Number (NSN) comprises a unique 13-digit NSN composed of:

(1) A 4-digit NATO Supply Classification Code (NSC), and

(2) A 9-digit NATO Item Identification Number (NIIN) comprising:

(a) A 2-digit National Codification Bureau Nation Code (NC) identifies the nation allocating the NSN.

(b) A 7-digit Item Identification Number (IIN), which is unique within each Nation.

(c) The NSC is dynamic and can change; however, the last nine digits (NIIN) are unique and will never change.

Characteristic Data. A statement of the necessary supporting characteristic data pertaining to an item, according to the applicable Item Identification Guide, such as length, width, height, material, colour, surface treatment etc recorded in a uniform manner, required to differentiate the item from similar items

	NSC	NIIN		
	NC		IIN	
	1005	99	1234567	

4. Item Of Supply Information System (ISIS) Database. Data records on all items assigned a UK NSN, or items codified by foreign codification bureau in which the UK has registered interest, are held by UKNCB on the Item of Supply Information System (ISIS) database. “UK interest must be registered on all Foreign NSNs, through UKNCB. Only NSNs registered through UKNCB can be introduced to a BIS”.
5. Supply Management Data. Data gathered upon initial creation (including subsequent amendments to NSNs) are currently conveyed to Service Supply or Inventory Managers by means of an electronic output from ISIS to the relevant BIS. Provision of a minimum mandated dataset enable automatic item

introduction on SS3, CRISP, or SCCS. Creation of eSMD is the only means through which NSN Item Data Records can be introduced on the 3 main BIS.
Format and Presentation ISO PDF Microsoft Office Suite
Allocated Responsibilities Customer Owner – DT ILSM \ TTLS Manager Supplier Owner – Contractors ILSM Customer Assurance – TLS Sp Dir CET Team Representative Supplier Assurance – Quality Manager
Quality Assurance Quality method – Formal Review Performance Indicators – Not Specified Quality Check skills required: Customer – MOD ILS Level 1 licence

Table A29 Illustrated Parts Catalogue

ILS Product Description	
Product Title Illustrated Parts Catalogue	**Product Description Identifier** PD 3007-03
Description Synopsis An Illustrated Parts Catalogue (IPC) is a component breakdown to the level of repair, containing text and illustrations. Each chapter is concerned with a major component and is further subdivided.	
Purpose The IPC is designed as an aid to the identification of component parts or assemblies of parts of the equipment, and to provide the information necessary for demanding spares.	
Full Description \ Product Composition IPC will be delivered as part of the IETP (ie iaw ASD S1000D)	
Format and Presentation ISO PDF Microsoft Office Suite	
Allocated Responsibilities Customer Owner – DT ILSM \ TTLS Manager Supplier Owner – Contractors ILSM Customer Assurance – TLS Sp Dir CET Team Representative Supplier Assurance – Quality Manager	
Quality Assurance Quality method – Formal Review Performance Indicators – Not Specified Quality Check skills required: Customer – ILS Level 1 licence	

Table A30 Re-Provisioning Plan

ILS Product Description	
Product Title Re-Provisioning Plan	**Product Description Identifier** PD 3008-02
Description Synopsis MOD materiel accounting policy mandates that DTs must have a plan for re-provisioning in the form of an Inventory Plan.	
Purpose To ensure the right items are available in the right place at the right time for the user. To ensure that the Defence inventory is optimised and cost effective in order to provide value for money.	
Full Description \ Product Composition SECTION HEADINGS IN THE INVENTORY PLAN **GENERAL** 1. **Introduction and Scope.** This field must detail the specific platform / equipment / commodity group responsible for the Inventory Plan covering their range to support SSE compliance within Governing Principles (GP) 3.3 and 3.5. 2. **Governance. Involvement of FLCs.** This field must demonstrate the relationship the DT has with the relevant FLC and how the needs of the FLC are reflected in the plan ie through reflecting outputs required within the Joint Business Agreements. 3. **IM Planning Review Process & Integration with the TLMP.** It is anticipated that DTs will undertake regular reviews and consult with FLCs as deemed appropriate to meet business needs. 4. **Performance Management.** This field must detail of how the DT manages its performance, the reporting regime in place, the KPIs that are in use and any targets for continuous improvement agreed with the FLCs. 5. **Roles and Responsibilities.** This field must contain details of the organisational structure supporting the current and future inventory management business model and the roles ascribed. In particular the role of Inventory Planner and Supply Chain Management SME shall be detailed. **FINANCIAL MANAGEMENT** 6. **NAO Requirements.** The major National Audit Office requirements including Accounting Assurance, Segregation of Inventory, Stock Financial Position and Financial Statement are detailed below: a. **Accounting Assurance.** This field must describe what accounting systems and arrangements are in place for all MOD owned inventory supported by either, Traditional / CLS / CfA / CfC contracts. b. **Segregation of Inventory.** This field must detail what segmentation strategies exist within the DTs inventory where the support is via CLS / CfA/ CfC contracts c. **Stock Financial Provision.** This field must specify the value, the method of calculation and assumptions made by a DT when generating the Stock Financial Provision figure. d. **Financial Statement.** This field must include the tables below, which are to be populated from the most recent Planning Round (PR) information input to provide an overview of the DTs financial position, procurement plans, disposal plans and user consumption. 7. **Total Inventory Value (£M).** Reflects the Opening Balance (on 1 Apr) on Inventory Holdings Both Net Book Value (NBV) and Gross Book Value (GBV) are shown and are broken down by category (Capital Spares, RMC and where applicable, Guided Weapons, Missiles & Bombs (GWMB) as supporting information). 8. **Forecast of JSCS Inventory Activity and Cost.** Under CDMs direction JSCS and D Fin are introducing a charging system by which DTs will be charged for the services provided by JSCS including receipts, storage, maintenance, issues and distribution. 9. **Disposal Plan (£M GBV of Disposals).** This reflects the target level of disposals for the current financial year, the actual level achieved and the target level of disposals for the next financial year (as shown within the Planning Round and other financial submissions **OPTIMISATION** 10. **Analysis and Modelling.** It must detail what segments of the inventory have been analysed/modelled and give a clear indication of the quality and the depth of that Inventory Analysis utilised to support and justify the level of inventory. In providing the necessary details, the plan shall address the following: a. **Ranging and Scaling Activity.** How was or will this activity be sourced? In-house, through SCM-SCO or through a commercial contractor?	

b. What Optimisation Tools and Methodologies have been or will be applied to the Subject Inventory? This might range from simple engineering judgement, single item modelling through to Multi-Indenture Multi-Echelon (MIME) modelling analysis.

c. When was the Analysis Undertaken or last Reviewed and what was its Purpose? The DT shall detail the date and designated key point on the CADMID cycle when analysis occurred or is planned to occur next?

d. What approach is evident to the Management of Repairables / Reverse Supply Chain Pipeline Time? (RSCPT). The DT shall detail how repairables are being managed, reviewed and optimised in relation to Initial Provisioning (IP) and Re-provisioning (RP) and what measures a DT has in place to improve the performance of its repairables within the inventory.

e. Are there any reasons that legitimately impede further inventory optimisation? Such as Inventory level influences such as CLS / IOS / CfA / CfC, current or future, whereby inventory has yet to pass to the contractor, or is being held on balance sheet until consumed or reviewed by the contractor for disposal.

11. **Segmentation.** This section must detail what work has been done to segment the inventory to understand key business drivers in terms of value, volume and frequency. Areas of segmentation can include:

a. **Codification of the Inventory.** This field must detail the DTs mandated requirement to meet single item ownership policy and for all items entering the JSC to be NATO Codified which is a key enabler for handling and tracking inventory through the JSC in support of operations.

b. **Management Controls.** Management controls, bans, restrictions and referrals, if not properly managed and, processed within SPC transaction times and reviewed periodically for relevance, can have a detrimental effect on the Supply Chain's ability to deliver within set targets.

c. **Obsolescence.** The plan must articulate a DT's in-service item obsolescence management strategy.

d. **Special Inventory Holdings.** Requirements to hold Operational Stocks, Force Generation, Sustainment Inventory (War Reserves, Priming Equipment Packs and Deployable Spares Packs).

e. **Earmarked Inventory.** Inventory that has earmarking against a specific programme (eg repair, a specific task, a modification programme incorporating planned in-service obsolescence).

f. **Reserved Inventory.** Inventory subject to Memoranda of Understanding (MOU) (eg where other countries are involved and also some CLS / IOS / CfA / CfC arrangements, etc).

g. **'Life of Type' Procurement.** Only 'Life of Type' quantities expected to be consumed within the Out of Service Date.

h. **Suffix Stock.** Air Operating Centre DTs are to articulate when the last Suffix Stock review has taken place, the number of items, the value of inventory involved and the percentage breakdown for retained, task for repair and inventory identified for disposal.

i. **Non-Conforming Receipts (NCRs).** DTs are to articulate the processes in place within their control that ensure that no NCRs are outstanding over the OC / JSCS agreed timescale of 12 working days.

12. **Disposal Plan.** As part of Through Life Management Planning a DT must have a Disposal Plan covering planned obsolescence, equipment and materiel out of service management.

13. **Data Availability to Support Inventory Analysis.** It must detail the DTs data management strategy irrespective of the support solution selected and must include its availability, source, method of transfer across Information Systems and the level of confidence in the integrity of raw data to support Inventory Analysis, supply, engineering and financial accounts.

14. **Risks and Assumptions.** This field must detail the planning assumptions used in the creation and maintenance of the Inventory plan together with highlighting areas of risk and how these will be mitigated.

Format and Presentation
ISO PDF
Microsoft Office Suite

Allocated Responsibilities
Customer Owner – DT ILSM \ TTLS Manager
Supplier Owner – Contractors ILSM
Customer Assurance – TLS Sp Dir CET Team Representative
Supplier Assurance – Quality Manager

Quality Assurance
Quality method – Formal Review

Performance Indicators – None Specified Quality Check skills required: Customer – ILS Level 3 licence

Table A31 Supportability Case

ILS Product Description	
Product Title Supportability Case	**Product Description Identifier** PD4001-02
Description Synopsis The supportability case is a reasoned auditable argument created to support the contention that a defined system will satisfy the support requirements of a project.	
Purpose To provide auditable evidence that support requirements have been adequately addressed.	
Full Description \ Product Composition 1. The Supportability Case is defined as: “A reasoned, auditable argument created to support the contention that a defined system will satisfy the Support requirements of a Project”. Starting with the initial statement of requirement, it will subsequently include identified perceived and actual risks, strategies and an Evidence Framework referring to associated and supporting information, including Support related evidence and data from design activities, trials, etc, through to In-Service and field data as appropriate and also record any changes. 2. The supportability case is a top-level control document that will be updated periodically through the issue of Supportability Case Reports linked to an Evidence Framework. 3. The Supportability Case is, therefore, a progressively expanding body of evidence whose currency and relevance shall be maintained in order to inform the Through Life Management decisions for the Project. The supportability case will contain or provide a link to a configuration controlled set of supportability requirements for a product. 4. The supportability case reference one or more supportability case reports that will contain the following: a. Supportability requirement under scrutiny and success criteria. b. Identified SA process outputs that address the requirements. c. Any Assumptions necessary due to the incomplete nature of the SA. 5. Evidence or preferably links to configuration controlled outputs of the SA process that provide evidence the SA requirements are being met.	
Format and Presentation ISO PDF Microsoft Office Suite	
Allocated Responsibilities Customer Owner – DT ILSM \ TTLS Manager Supplier Owner – Contractors ILSM Customer Assurance – TLS Sp Dir CET Team Representative Supplier Assurance – Quality Manager	
Quality Assurance Quality method – Formal Review Performance Indicators Quality Check skills required: Customer – MOD ILS Level 3 licence Supplier – Not Specified	

Table A32 Supportability Case Report

ILS Product Description	
Product Title Supportability Case Report PD	**Product Description Identifier** PD 4002-01
Description Synopsis Supportability Case Reports are periodic updates to the Supportability Case (usually at predetermined points in the programme as agreed in the Evidence Framework. They report on the evidence, arguments and conclusions drawn from work since the last report provide an assessment of overall Support related achievement/progress and a review and evaluation of the ILS Strategy and Plan	
Purpose To update the supportability Case. The Supportability Case is defined as: “A reasoned, auditable argument created to support the contention that a defined system will satisfy the Support requirements of a Project”. Starting with the initial statement of requirement, it will subsequently include identified perceived and actual risks, strategies and an Evidence Framework referring to associated and supporting information, including Support related evidence and data from design activities, trials, etc, through to In-Service and field data as appropriate and also record any changes.	
Full Description \ Product Composition Supportability Case report unique Identifier; Relationships links to other supportability case reports; Supportability requirements addressed listing; Supportability risk addressed listing; Evidence of requirement fulfilment; Supportability related Project milestone status; Product deliverables addressed during this report; Process deliverables addressed during this report; Links to external configuration controlled ILS products fulfilling requirements; Evidence of risk avoidance; Links to external configuration controlled ILS products implementing risk avoidance; Evidence of risk mitigation; Links to external configuration controlled ILS products implementing risk mitigation; SA Tasks addressed during this report; ILS elements addressed during this report; ILS task/Element maturity summary analysis; Proposed activities over next period	
Format and Presentation ISO PDF Microsoft Office Suite	
Allocated Responsibilities Customer Owner – DT ILSM \ TTLS Manager Supplier Owner – Contractors ILSM Customer Assurance – TLS Sp Dir CET Team Representative Supplier Assurance – Quality Manager	
Quality Assurance Quality method – Formal Review Performance Indicators – Not specified Quality Check skills required: Customer – MOD ILS Level 3 licence	

Table A33 Logistic Support Analysis Control Number (LCN) Assignment Report

ILS Product Description	
Product Title Logistic Support Analysis Control Number (LCN) Assignment Report	**Product Description Identifier** PD 5001-01
Description Synopsis This Product Description contains the format for a report detailing the requirements and rationale used for allocation of LCNs and associated data, to meet the requirements of DEF STAN 00-60 Part 0.	
Purpose To facilitate the use of a DEF STAN 00-60 based LSAR as part of the LIR. Reference is to be made to the applicable Contract Data Requirements List (CDRL) for delivery requirements which may be in paper or electronic format. Specific guidance on LCN assignment is available in DEF STAN 00-60, Part 2, Annex A.	
Full Description \ Product Composition 1. Aim The aim shall be to provide a report detailing the justification and assignment method used for the Project LCN structure. 2. Structure The report structure shall follow the headings detailed below: 2.1. Assumptions & Constraints This section is to detail all assumptions adopted in assigning the LCN structure, together with any constraints which may have limited the choice. Examples include: 2.1.1. Project size and complexity 2.1.2. Policy directives 2.1.3. Legacy data structures 2.2 LCN assignment method used This section shall detail and justify the proposed LCN assignment method. It shall include the following, with illustrations and examples as necessary: 2.2.1. Proposed Physical and/or Functional LCN structures 2.2.2. Proposed Physical and/or Functional LCN breakdown 2.2.3. Characters to be used 2.2.4. Physical/Functional cross-mapping process 2.2.5. Proposed ALC/UOC configuration, related to system/equipment variants 2.2.6. Application and control of LCN structures assigned to subcontractors 3. Conclusions 4. Recommendations	
Format and Presentation ISO PDF Microsoft Office Suite	
Allocated Responsibilities Customer Owner – DT ILSM \ TTLS Manager Supplier Owner – Contractors ILSM Customer Assurance – TLS Sp Dir CET Team Representative Supplier Assurance – Quality Manager	
Quality Assurance Quality method – Formal Review Performance Indicators – Not Specified Quality Check skills required: Customer – MOD ILS Level 3 licence	

Table A34 Logistic Support Analysis Record (LSAR)

ILS Product Description

Product Title	**Product Description Identifier**
Logistic Support Analysis Record (LSAR)	PD 5002-01

Description Synopsis

This Product Description identifies deliverable LSAR data. LSAR data usage includes source data in the preparation of technical documentation, manpower and personnel requirements, training requirements, support and test equipment requirements. The medium of delivery of the LSAR data will be as specified in the Contract Data Requirements List (CDRL)

Purpose

To facilitate the use of a DEF STAN 00-60 based LSAR as part of the LIR.

DETAILED REQUIREMENTS

The following relational tables, described in DEF STAN 00-60 (PART 0) Annex C, are deliverable data under this UKDID as specified by the relevant CDRL, and tailored in accordance with the Data Selection Sheet.

1. Cross Functional Requirement

1.1 Table XA, End Item Acronym Code
DEF STAN 00-60 (PART 0) Annex C, Para C.4.1

1.2 Table XB, LSA Control Number Indentured Item
DEF STAN 00-60 (PART 0) Annex C, Para C.4.2

1.3 Table XC, System/End Item
DEF STAN 00-60 (PART 0) Annex C, Para C.4.3

1.4 Table XD, System/End Item Serial Number
DEF STAN 00-60 (PART 0) Annex C, Para C.4.4

1.5 Table XE, LCN to Serial Number Usable On Code
DEF STAN 00-60 (PART 0) Annex C, Para C.4.5

1.6 Table XF, LCN to System/End Item Usable On Code
DEF STAN 00-60 (PART 0) Annex C, Para C.4.6

1.7 Table XG, Functional/Physical LCN Mapping
DEF STAN 00-60 (PART 0) Annex C, Para C.4.7

1.8 Table XH, Commercial and Government Entity (CAGE) Code
DEF STAN 00-60 (PART 0) Annex C, Para C.4.8

1.9 Table XI, Technical Manual Code and Number Index
DEF STAN 00-60 (PART 0) Annex C, Para C.4.9

2. Operations and Maintenance Requirements

2.1 Table AA, Operations and Maintenance Requirement
DEF STAN 00-60 (PART 0) Annex C, Para C.5.1

2.2 Table AB, War/Peace Operations and Maintenance Requirement
DEF STAN 00-60 (PART 0) Annex C, Para C.5.2

2.3 Table AC, Operations/Maintenance Level Requirement
DEF STAN 00-60 (PART 0) Annex C, Para C.5.3

2.4 Table AD, Organizational Level Requirement
DEF STAN 00-60 (PART 0) Annex C, Para C.5.4

2.5 Table AE, Skill Operations and Maintenance Requirement
DEF STAN 00-60 (PART 0) Annex C, Para C.5.5

2.6 Table AF, War/Peace Additional Requirements Narrative
DEF STAN 00-60 (PART 0) Annex C, Para C.5.6

2.7 Table AG, Reliability Requirement
DEF STAN 00-60 (PART 0) Annex C, Para C.5.7

2.8 Table AH, Interoperability Requirement
DEF STAN 00-60 (PART 0) Annex C, Para C.5.8

2.9 Table AI, Modelling Data
DEF STAN 00-60 (PART 0) Annex C, Para C.5.9

2.10 Table AJ, Operations/Maintenance Level Transportation Requirement
DEF STAN 00-60 (PART 0) Annex C, Para C.5.10
2.11 Table AK, System/End Item Narrative
DEF STAN 00-60 (PART 0) Annex C, Para C.5.11

3. Item Reliability, Availability and Maintainability Characteristics; Failure Modes Effects and Criticality Analysis and Maintainability Analysis
3.1 Table BA, Reliability, Availability and Maintainability Characteristics
DEF STAN 00-60 (PART 0) Annex C, Para C.6.1
3.2 Table BB, Reliability, Availability and Maintainability Characteristics Narrative
DEF STAN 00-60 (PART 0) Annex C, Para C.6.2
3.3 Table BC, Reliability, Availability and Maintainability Logistics Considerations
DEF STAN 00-60 (PART 0) Annex C, Para C.6.3
3.4 Table BD, Reliability, Availability, and Maintainability Indicator Characteristics
DEF STAN 00-60 (PART 0) Annex C, Para C.6.4
3.5 Table BE, War/Peace Reliability, Availability and Maintainability Indicator Characteristics
DEF STAN 00-60 (PART 0) Annex C, Para C.6.5
3.6 Table BF, Failure Mode and Reliability-Centred Maintenance Analysis
DEF STAN 00-60 (PART 0) Annex C, Para C.6.6
3.7 Table BG, Failure Mode and Reliability-Centred Maintenance Narrative
DEF STAN 00-60 (PART 0) Annex C, Para C.6.7
3.8 Table BH, Failure Mode Task
DEF STAN 00-60 (PART 0) Annex C, Para C.6.8
3.9 Table BI, Failure Mode Indicator Mission Phase Code Characteristics
DEF STAN 00-60 (PART 0) Annex C, Para C.6.9
3.10 Table BJ, Failure Mode Indicator Mission Phase Code Characteristics Narrative
DEF STAN 00-60 (PART 0) Annex C, Para C.6.10
3.11 Table BK, Reliability, Availability and Maintainability Criticality
DEF STAN 00-60 (PART 0) Annex C, Para C.6.11
3.12 Table BL, Mission Phase Operation Mode
DEF STAN 00-60 (PART 0) Annex C, Para C.6.12

4. Task Inventory, Task Analysis, Personnel and Support Requirements
4.1 Table CA, Task Requirement
DEF STAN 00-60 (PART 0) Annex C, Para C.7.1
4.2 Table CB, Subtask Requirement
DEF STAN 00-60 (PART 0) Annex C, Para C.7.2
4.3 Table CC, Sequential Subtask Description
DEF STAN 00-60 (PART 0) Annex C, Para C.7.3
4.4 Table CD, Subtask Personnel Requirement
DEF STAN 00-60 (PART 0) Annex C, Para C.7.4
4.5 Table CE, Task Remark
DEF STAN 00-60 (PART 0) Annex C, Para C.7.5
4.6 Table CF, Task Remark Reference
DEF STAN 00-60 (PART 0) Annex C, Para C.7.6
4.7 Table CG, Task Support Equipment
DEF STAN 00-60 (PART 0) Annex C, Para C.7.7
4.8 Table CH, Task Manual
DEF STAN 00-60 (PART 0) Annex C, Para C.7.8
4.9 Table CI, Task Provisioned Item
DEF STAN 00-60 (PART 0) Annex C, Para C.7.9
4.10 Table CJ, Job and Duty Assignments
DEF STAN 00-60 (PART 0) Annex C, Para C.7.10
4.11 Table CK, Task Inventory
DEF STAN 00-60 (PART 0) Annex C, Para C.7.11
4.12 Table CL, Task/Subtask Associated Narrative
DEF STAN 00-60 (PART 0) Annex C, Para C.7.12
4.13 Table CM, Associated Electronic Documentation

DEF STAN 00-60 (PART 0) Annex C, Para C.7.13
4.14 Table CN, Maintenance Procedure Inventory
DEF STAN 00-60 (PART 0) Annex C, Para C.7.14
4.15 Table CO, Maintenance Procedure Task Sequence
DEF STAN 00-60 (PART 0) Annex C, Para C.7.15

5. Support Equipment and Training Materiel Requirements
5.1 Table EA, Support Equipment
DEF STAN 00-60 (PART 0) Annex C, Para C.8.1
5.2 Table EB, Support Equipment Allocation Data
DEF STAN 00-60 (PART 0) Annex C, Para C.8.2
5.3 Table EC, Support Equipment Parameters
DEF STAN 00-60 (PART 0) Annex C, Para C.8.3
5.4 Table ED, Support Equipment Authorization
DEF STAN 00-60 (PART 0) Annex C, Para C.8.4
5.5 Table EE, Support Equipment Narrative
DEF STAN 00-60 (PART 0) Annex C, Para C.8.5
5.6 Table EF, Support Equipment Recommendation Data
DEF STAN 00-60 (PART 0) Annex C, Para C.8.6
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8. Personnel Skill Considerations
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8.2 Table GB, New or Modified Skill
DEF STAN 00-60 (PART 0) Annex C, Para C.11.2
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DEF STAN 00-60 (PART 0) Annex C, Para C.11.3
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DEF STAN 00-60 (PART 0) Annex C, Para C.11.5

9. Packaging and Provisioning Requirements
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9.2 Table HB, Additional Reference Number
DEF STAN 00-60 (PART 0) Annex C, Para C.12.2
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DEF STAN 00-60 (PART 0) Annex C, Para C.12.8
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DEF STAN 00-60 (PART 0) Annex C, Para C.12.10
9.10 Table HK, Parts Manual Description
DEF STAN 00-60 (PART 0) Annex C, Para C.12.11
9.11 Table HL, Parts Manual Provisioning Nomenclature
DEF STAN 00-60 (PART 0) Annex C, Para C.12.12
9.12 Table HM, Item Basis of Issue
DEF STAN 00-60 (PART 0) Annex C, Para C.12.13
9.13 Table HN, Provisioning Serial Number Usable On Code
DEF STAN 00-60 (PART 0) Annex C, Para C.12.14
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Format and Presentation ISO PDF Microsoft Office Suite
Allocated Responsibilities Customer Owner – DT ILSM \ TTLS Manager Supplier Owner – Contractors ILSM Customer Assurance – TLS Sp Dir CET Team Representative Supplier Assurance – Quality Manager
Quality Assurance Quality method – Formal Review Performance Indicators – Not Specified Quality Check skills required: Customer – MOD ILS Level 3 licence

Table A35 Logistic Support Analysis Record (LSAR) Reports

ILS Product Description	
Product Title Logistic Support Analysis Record (LSAR) Reports	**Product Description Identifier** PD 5003-01

Description Synopsis

This Product Description contains a listing and description of the Logistic Support Analysis Record (LSAR) reports. These reports may be produced from a LSAR Automated Data Processing (ADP) system or manually produced. Requirements will be as specified in the Contract Data Requirement List (CDRL).

Purpose
To facilitate the use of a DEF STAN 00-60 based LSAR as part of the LIR.

Full Description \ Product Composition
This Product Description contains the requirements for deliverable LSAR standard output reports. When the LSAR reports are manually prepared, they shall be in accordance with the content, format, sequence and computational requirements contained in DEF STAN 00-60 Part 0 Annex C Appendix A. This Product Description s to be used in conjunction with PD 5004 Methods of delivery of LSAR Data or UKDID 2005 Delivery standard and schedule of non-ADP LSAR Data.

1. DEF STAN 00-60 Standard Reports

1.1 LSA-001 Man-Hours by Skill Specialty Code and Level of Maintenance.
DEF STAN 00-60 (PART 0) Annex C, Para C/A 1.1
1.2 LSA-003 Maintenance Summary.
DEF STAN 00-60 (PART 0) Annex C, Para C/A 1.2
1.3 LSA-004 Maintenance Allocation Chart Summary.
DEF STAN 00-60 (PART 0) Annex C, Para C/A 1.3
1.4 LSA-005 Support Item Utilization Summary.
DEF STAN 00-60 (PART 0) Annex C, Para C/A 1.4
1.5 LSA-006 Critical Maintenance Task Summary.
DEF STAN 00-60 (PART 0) Annex C, Para C/A 1.5
1.6 LSA-007 Support Equipment Requirements.
DEF STAN 00-60 (PART 0) Annex C, Para C/A 1.6
1.7 LSA-008 Support Items Validation Summary.
DEF STAN 00-60 (PART 0) Annex C, Para C/A 1.7
1.8 LSA-009 Support Items List.
DEF STAN 00-60 (PART 0) Annex C, Para C/A 1.8
1.9 LSA-010 Spare and Repair Parts Summary.
DEF STAN 00-60 (PART 0) Annex C, Para C/A 1.9
1.10 LSA-011 Special Training Equipment/Device Summary.
DEF STAN 00-60 (PART 0) Annex C, Para C/A 1.10
1.11 LSA-012 Facility Requirement.
DEF STAN 00-60 (PART 0) Annex C, Para C/A 1.11
1.12 LSA-013 Support Equipment Grouping Number Utilization Summary.
DEF STAN 00-60 (PART 0) Annex C, Para C/A 1.12
1.13 LSA-014 Training Task List.
DEF STAN 00-60 (PART 0) Annex C, Para C/A 1.13
1.14 LSA-016 Preliminary Maintenance Allocation Chart (PMAC).
DEF STAN 00-60 (PART 0) Annex C, Para C/A 1.14
1.15 LSA-018 Task Inventory Summary
DEF STAN 00-60 (PART 0) Annex C, Para C/A 1.15
1.16 LSA-019 Task Analysis Summary.
DEF STAN 00-60 (PART 0) Annex C, Para C/A 1.16
1.17 LSA-023 Maintenance Plan Summary.

DEF STAN 00-60 (PART 0) Annex C, Para C/A 1.17

1.18 LSA-024 Maintenance Plan.
DEF STAN 00-60 (PART 0) Annex C, Para C/A 1.18

1.19 LSA-026 Packaging Developmental Data.
DEF STAN 00-60 (PART 0) Annex C, Para C/A 1.19

1.20 LSA-027 Failure/Maintenance Rate Summary.
DEF STAN 00-60 (PART 0) Annex C, Para C/A 1.20

1.21 LSA-030 Indentured Parts List.
DEF STAN 00-60 (PART 0) Annex C, Para C/A 1.21

1.22 LSA-033 Preventive Maintenance Checks and Services (PMCS)
DEF STAN 00-60 (PART 0) Annex C, Para C/A 1.22

1.23 LSA-036 Provisioning Requirements.
DEF STAN 00-60 (PART 0) Annex C, Para C/A 1.23

1.24 LSA-037 Spares and Support Equipment Identification List.
DEF STAN 00-60 (PART 0) Annex C, Para C/A 1.24

1.25 LSA-039 Critical and Strategic Item Summary.
DEF STAN 00-60 (PART 0) Annex C, Para C/A 1.25

1.26 LSA-040 Authorization List Items Summary.
DEF STAN 00-60 (PART 0) Annex C, Para C/A 1.26

1.27 LSA-046 Nuclear Hardness Critical Item Summary.
DEF STAN 00-60 (PART 0) Annex C, Para C/A 1.27

1.28 LSA-050 Reliability Centred Maintenance (RCM) Summary.
DEF STAN 00-60 (PART 0) Annex C, Para C/A 1.28

1.29 LSA-056 Failure Modes Effects and Criticality Analysis (FMECA) Report.
DEF STAN 00-60 (PART 0) Annex C, Para C/A 1.29

1.30 LSA-058 Reliability Availability and Maintainability Summary.
DEF STAN 00-60 (PART 0) Annex C, Para C/A 1.30

1.31 LSA-065 Manpower Requirements Criteria.
DEF STAN 00-60 (PART 0) Annex C, Para C/A 1.31

1.32 LSA-070 Support Equipment Recommendation Data (SERD).
DEF STAN 00-60 (PART 0) Annex C, Para C/A 1.32

1.33 LSA-071 Support Equipment Candidate List.
DEF STAN 00-60 (PART 0) Annex C, Para C/A 1.33

1.34 LSA-072 Test Measurement and Diagnostic Equipment (TMDE) Requirements Summary.
DEF STAN 00-60 (PART 0) Annex C, Para C/A 1.34

1.35 LSA-074 Support Equipment Tool List.
DEF STAN 00-60 (PART 0) Annex C, Para C/A 1.35

1.36 LSA-075 Consolidated Manpower, Personnel and Training Report.
DEF STAN 00-60 (PART 0) Annex C, Para C/A 1.36

1.37 LSA-076 Calibration and Measurement Requirements Summary (CMRS).
DEF STAN 00-60 (PART 0) Annex C, Para C/A 1.37

1.38 LSA-077 Depot (4th Line) Maintenance Data Summary.
DEF STAN 00-60 (PART 0) Annex C, Para C/A 1.38

1.39 LSA-078 Hazardous Materials Summary.
DEF STAN 00-60 (PART 0) Annex C, Para C/A 1.39

1.40 LSA-080 Bill of Materials.
DEF STAN 00-60 (PART 0) Annex C, Para C/A 1.40

1.41 LSA-085 Transportability Summary.
DEF STAN 00-60 (PART 0) Annex C, Para C/A 1.41

1.42 LSA-126 Hardware Generation Breakdown Tree.
DEF STAN 00-60 (PART 0) Annex C, Para C/A 1.42

1.43 LSA-151 Provisioning Parts List Index (PPLI).
DEF STAN 00-60 (PART 0) Annex C, Para C/A 1.43

1.44 LSA-152 PLISN Assignment/Reassignment.
DEF STAN 00-60 (PART 0) Annex C, Para C/A 1.44

1.45 LSA-154 Provisioning Parts Breakout Summary.
DEF STAN 00-60 (PART 0) Annex C, Para C/A 1.45

1.46 LSA-155 Recommended Spare Parts List for Spares Acquisition Integrated with manufacture (SAIM).
DEF STAN 00-60 (PART 0) Annex C, Para C/A 1.46

2 UK LSA Reports

2.1 LSA-602 Candidate Item Maintenance and Upkeep Plan (CIMUP).
DEF STAN 00-60 (PART 0) Annex C, Para C/A 2.1
2.2 LSA-604 Failure Modes Effects and Criticality Analysis Summary.
DEF STAN 00-60 (PART 0) Annex C, Para C/A 2.2
2.3 LSA-606 Reliability Centred Maintenance (RCM).
DEF STAN 00-60 (PART 0) Annex C, Para C/A 2.3
2.4 LSA-608 Preventive Maintenance Summary (PMS).
DEF STAN 00-60 (PART 0) Annex C, Para C/A 2.4
2.5 LSA-610 Schedules Supplementary Summary (SSS).
DEF STAN 00-60 (PART 0) Annex C, Para C/A 2.5
2.6 LSA-612 Component Repair Plans Summary (CRPS).
DEF STAN 00-60 (PART 0) Annex C, Para C/A 2.6
2.7 LSA-614 Scaling Model Data Requirements.
DEF STAN 00-60 (PART 0) Annex C, Para C/A 2.7
2.8 LSA-624 Support Equipment Report (SER).
DEF STAN 00-60 (PART 0) Annex C, Para C/A 2.8
2.9 LSA-626 Support Equipment Data Transfer Report.
DEF STAN 00-60 (PART 0) Annex C, Para C/A 2.9
2.10 LSA-628 Facilities Summary.
DEF STAN 00-60 (PART 0) Annex C, Para C/A 2.10
2.11 LSA-634 Training Facilities Report.
DEF STAN 00-60 (PART 0) Annex C, Para C/A 2.11
2.12 LSA-636 Facilities Environmental Impact Report.
DEF STAN 00-60 (PART 0) Annex C, Para C/A 2.12
2.13 LSA-648 Provisioning (ASD 2000M Related Data) Report.
DEF STAN 00-60 (PART 0) Annex C, Para C/A 2.13
2.14 LSA-650 NATO Codification (ASD 2000M Related Data) Report.
DEF STAN 00-60 (PART 0) Annex C, Para C/A 2.14
2.15 LSA-652 Illustrated Parts Catalogue (ASD 2000M Related Data) Report.
DEF STAN 00-60 (PART 0) Annex C, Para C/A 2.15
2.16 LSA-654 Ammunition Packaging, Handling, Storage and Transportation (PHS&T) Report.
DEF STAN 00-60 (PART 0) Annex C, Para C/A 2.16
2.17 LSA-660 Removal Routes Report.
DEF STAN 00-60 (PART 0) Annex C, Para C/A 2.17
2.18 LSA-662 Preventive Maintenance Actions for Items in Store.
DEF STAN 00-60 (PART 0) Annex C, Para C/A 2.18
2.19 LSA-664 Item Storage Information Summary.
DEF STAN 00-60 (PART 0) Annex C, Para C/A 2.19
2.20 LSA-672 Software Engineering Report
DEF STAN 00-60 (PART 0) Annex C, Para C/A 2.20
2.21 LSA-674 Electronic Documentation Requirements Report (ASD 1000D)
DEF STAN 00-60 (PART 0) Annex C, Para C/A 2.21
2.22 LSA-676 UK Packaging Report
DEF STAN 00-60 (PART 0) Annex C, Para C/A 2.22

Format and Presentation
ISO PDF
Microsoft Office Suite

Allocated Responsibilities
Customer Owner – DT ILSM \ TTLS Manager
Supplier Owner – Contractors ILSM
Customer Assurance – TLS Sp Dir CET Team Representative

Supplier Assurance – Quality Manager
Quality Assurance Quality method – Formal Review Performance Indicators – Not Specified Quality Check skills required: Customer – MOD ILS Level 3 licence

Table A36 Data Methods of Delivery of LSAR Data

ILS Product Description	
Product Title Data Methods of Delivery of LSAR Data	**Product Description Identifier** PD 5004-01
Description Synopsis This Product Description contains the format and content instructions generated by the task requirement as specified in the contract. The MOD accepted methods of delivery of LSAR Data forms part of the contract and defines the specific delivery requirements. The principal use of this UKDID is to advise the MOD of the contractual compliance**.**	
Purpose To facilitate the use of a DEF STAN 00-60 based LSAR as part of the LIR.	
Full Description \ Product Composition This PD contains the acceptable format for the methods of delivery of LSAR data, in accordance with DEF STAN 00-60 Part 0 Annex C Para C.3.3, as specified in the contract. 1. The formats for delivery of LSAR data are: 1.1. On-line access. 1.2. Digital data transfer media (as defined by the CDRL) containing the LSAR relational tables in the format specified in DEF STAN 00-60 Part 0 Annex C. 1.3. Digital data transfer media (as defined by the CDRL) containing the LSAR Output Reports in the format specified in DEF STAN 00-60 Part 0 Annex C Appendix C. 1.4. Hard copy LSAR relational tables in the format specified in DEF STAN 00-60 Part 0 Annex C. 1.5. Hard copy LSAR Output Reports in the format specified in DEF STAN 00-60 Part 0 Annex C Appendix C	
Format and Presentation ISO PDF Microsoft Office Suite	
Allocated Responsibilities Customer Owner – DT ILSM \ TTLS Manager Supplier Owner – Contractors ILSM Customer Assurance – TLS Sp Dir CET Team Representative Supplier Assurance – Quality Manager	
Quality Assurance Quality method – Formal Review Performance Indicators – Not Specified Quality Check skills required: Customer – MOD ILS Level 3 licence	

Table A37 Delivery Standards and Schedule of Non ADP LSAR Data

ILS Product Description	
Product Title Delivery Standards and Schedule of Non ADP LSAR Data	**Product Description Identifier** PD 5005-01
Description Synopsis This Product Description contains the format and content instructions generated by the task requirement as specified in the contract. The MOD accepted methods of delivery of standard and schedule of non ADP LSAR Data forms part of the contract and defines the specific requirements.	
Purpose To facilitate the use of a DEF STAN 00-60 based LSAR as part of the LIR. The principal use of this Product Description is to advise the MOD of the contractual compliance.	
Full Description \ Product Composition This Product Description contains the acceptable format and delivery standard of non-ADP LSAR data, in accordance with DEF STAN 00-60, as specified in the contract. The schedule of data deliverable will be in accordance with the Support Analysis Plan (SAP) as specified in PD0002 and the Contract Data Requirements List (CDRL). <u>DETAILED REQUIREMENTS</u> 1. The formats for delivery of non-ADP LSAR data are: 1.1. Digital data transfer media (as defined by the CDRL) containing an electronic output, other than from a validated LSAR, of the LSAR relational tables in the format specified in DEF STAN 00-60 Part 0 Annex C. 1.2. Digital data transfer media (as defined by the CDRL) containing an electronic output, other than from a validated LSAR, of the LSAR Output Reports in the format specified in DEF STAN 00-60 Part 0 Annex C Appendix C. 1.3. Hard copy LSAR relational tables in the format specified in DEF STAN 00-60 Part 0 Annex C. 1.4. Hard copy LSAR Output Reports in the format specified in DEF STAN 00-60 Part 0 Annex C Appendix C.	
Format and Presentation ISO PDF Microsoft Office Suite	
Allocated Responsibilities Customer Owner – DT ILSM \ TTLS Manager Supplier Owner – Contractors ILSM Customer Assurance – TLS Sp Dir CET Team Representative Supplier Assurance – Quality Manager	
Quality Assurance Quality method – Formal Review Performance Indicators – Not Specified Quality check skills required: Customer – MOD ILS Level 3 licence	