International procedure specification for Logistics Support Analysis

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S3000L Overview

• Milestones
• Steering Committee & Observers
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• Preview of Select Chapters
• Q & A
Release Milestones

• March 2006
  – Initial S3000L Team meeting

• June 2009
  – Issue 0.1 released for commenting

• June 2010
  – Issue 1.0 published
S3000L Steering Committee

- EADS (chair)
- Boeing (vice chair)
- AgustaWestland (secretary)
- Military (German Bundeswehr, MoD UK)
- Dassault Aviation
- EADS CASA
- Eurocopter
- LOGSA (US Army)
- OCCAR
- Saab AB
S3000L Observers

- Airbus
- BMLVS
- CALS R&D
- COMAC
- Critical Software
- HICO
- Lockheed Martin
- Selex
Task Teams

- LSA Training
- LSA Primer
- LSA Bicycle Example
S3000L Scope

- Describe the activities and requirements that govern the establishment of Logistic Support Analysis (LSA) Processes.
  - Provides guidance for implementing and tailoring of an LSA Program.
  - Explains the business processes and interdisciplinary relationships of LSA within the framework of Integrated Logistic Support (ILS).
  - Includes a data model based on ISO 10303 AP239 Product Life Cycle Support (PLCS).
The 1993 NATO Acquisition Logistics Model was adapted to illustrate the interrelationship of “S” series processes.
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Chapter 3
LSA Business Process

• Establishment of Product Usage Data
• Product Design & Key Performance Parameters
• LSA Guidance Conference
• Product Breakdown & LSA Candidate Identification
• Identification of LSA Candidate Analytical Tasks
• LSA Review Conferences
• Initialization for downstream ILS products
Chapter 7
LSA Failure Modes & Effect Analysis

- Using a Reliability Technical FMECA to drive maintenance task requirements.
## Chapter 12

### Maintenance Task Analysis

**Product**

System breakdown

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**Maintenance Task Analysis**
Chapter 12
Maintenance Task Analysis

- Documentation of supporting tasks with the help of subtasks/working steps
- Documentation of rectifying tasks with the help of referenced supporting tasks and additional subtasks and working steps respectively
- Integration of preconditions, pre-work and post-work
- Brief narrative description
Chapter 19 Data Model

- Predicated on ISO 10303 AP239 Product Life Cycle Support (PLCS) data model
- Logical UML (Unified Modeling Language) representation of LSA data
- Supports much of the data required to populate S1000D data modules
  - S1003X was developed as a “companion” document that addresses a data exchange between S3000L and S1000D
- Basis for data exchange specifications DEX1 A&D and DEX3 A&D
S3000L Representation of Product Breakdown Structure
Finale

• Download Site
  – [www.asd-stan.org/s3000L.html](http://www.asd-stan.org/s3000L.html)