Integrated Logistics Support Handbook, SX000i

Mike Schmitt
Ramon Somoza
Agenda

• About the Suite of Specifications
• About the Handbook
  – Aim
  – Purposes
  – Initial Structure
• About the Working Group
  – Working Group Member Companies
  – Actions to Date
  – Program Plan
The Vision for the Suite of Specifications

“All stakeholders will be able to apply common logistics processes so as to share and exchange data securely through the life of products and services.”

- SX000i ILS Working Group Charter, 2012-01-18
Vision Implementation

“Establish and adopt a coherent set of global information standards which:

– Establish a common understanding of ILS, and its global processes ...

– Optimize the life cycle cost and performance of the product and support system.

– Respond more quickly to initial and changing requirements...

– Enable collaboration between customers and industry through simplification of electronic information exchange.”

- SX000i ILS Working Group Charter, 2012-01-18

When implemented, the suite of ILS specifications enables a coherent interface with systems engineering.
About the Integrated Logistics Support (ILS) Handbook, SX000i
Aim

“... an Integrated Logistic Support (ILS) Handbook, named SX000i, so as to ensure compatibility and the commonality of ILS processes...”

- SX000i ILS Working Group Charter, 2012-01-18
Purposes

• Explain the vision and objectives for the suite of specifications;
• Provide a framework that documents the global ILS process and interactions;
• Explain how the AIA/ASD ILS specifications interface with other standardization domains such as engineering, manufacturing, etc.
• Identify missing ILS specification needs for possible future development;
• Describe the global governance of AIA/ASD ILS specifications development;
• Provide guidance on how to satisfy specific business requirements using an appropriate selection of defined processes and specifications.

- SX000i ILS Working Group Charter, 2012-01-18
Initial Structure

Copyrights and User Agreements

Chapter 1 **Introduction to the Handbook**

1.1 General
1.2 Introduction

Chapter 2 **Integrated Logistics Support Framework**

2.1 Introduction
2.2 System Life Cycle Overview
2.3 ILS Overview
2.4 An ILS Process

Chapter 3 **Usage of the Suite of ILS Specifications in an ILS Program**

3.1 Introduction
3.2 Mapping of AIA/ASD ILS Specifications to ILS Elements
3.3 AIA/ASD ILS Specifications Interface with Other Domains
3.4 Selecting the Appropriate AIA/ASD ILS Specifications
3.5 Implementing the Specifications
Chapter 4  AIA/ASD ILS Specification Governance

4.1 Introduction
4.2 Organizational Structure
4.3 Global Requirements for the Suite of ILS Specifications
4.4 User Community Feedback
4.5 Standard Specification Change Process

Annexes

References
Glossary
Abbreviations, Acronyms
About the ILS Handbook, SX000i Working Group
Member & Observer Organizations

### Member Organizations

<table>
<thead>
<tr>
<th>Company/Organization</th>
<th>Country</th>
<th>Company/Organization</th>
<th>Country</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airbus</td>
<td>France</td>
<td>Lockheed Martin</td>
<td>USA</td>
</tr>
<tr>
<td>Airbus Military</td>
<td>Spain</td>
<td>MoD UK</td>
<td>UK</td>
</tr>
<tr>
<td>Boeing Defense Systems</td>
<td>USA</td>
<td>Northrop Grumman</td>
<td>USA</td>
</tr>
<tr>
<td>Bundeswehr</td>
<td>Germany</td>
<td>OCCAR-EA</td>
<td>European</td>
</tr>
<tr>
<td>Cassidian</td>
<td>Spain</td>
<td>O'Neil &amp; Associates</td>
<td>USA</td>
</tr>
<tr>
<td>Cassidian</td>
<td>Germany</td>
<td>Rolls-Royce Submarines</td>
<td>UK</td>
</tr>
<tr>
<td>ESG Elektroniksystem und Logistik GmbH</td>
<td>Germany</td>
<td>Saab</td>
<td>Sweden</td>
</tr>
<tr>
<td>Integrated Support Systems, Inc</td>
<td>USA</td>
<td>SDL</td>
<td>USA</td>
</tr>
<tr>
<td>Jotne</td>
<td>Norway</td>
<td>SELEX ELSAG</td>
<td>Italy</td>
</tr>
<tr>
<td>USAMC LOGSA</td>
<td>USA</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Observer Organizations

<table>
<thead>
<tr>
<th>Company/Organization</th>
<th>Country</th>
<th>Company/Organization</th>
<th>Country</th>
</tr>
</thead>
<tbody>
<tr>
<td>Defense Acquisition University</td>
<td>USA</td>
<td>NDLO/IM-PLCS</td>
<td>Norway</td>
</tr>
<tr>
<td>Jacobs Technology (on behalf of LOGSA)</td>
<td>USA</td>
<td>Scandinavian Avionics A/S</td>
<td>Denmark</td>
</tr>
<tr>
<td>Lockheed Martin UK Integrated Systems</td>
<td>UK</td>
<td>Spanish Air Force</td>
<td>Spain</td>
</tr>
<tr>
<td>LSC Group</td>
<td>UK</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Currently the SX000i Working Group Has 24 Members and 12 Observers
Significant Actions to Date

• **Kick-off Meeting** – Stockholm, Sweden, 27 June 2011
  – Launched Working Group to Develop the Handbook
  – Confirmed of Participants and Commitment of Resources
  – Selected Interim European Chairman
  – Scheduled First Working Group Meeting

• **Working Group Meeting 01.00** – Madrid, Spain, 14-15 September 2011
  – Drafted ILS Handbook Terms of Reference
  – Drafted ILS Handbook Working Group Terms of Reference
  – Drafted Rough Structure of the ILS Handbook
  – Approved European Chairman
  – Nominated Interim U.S. Co-Chairman
  – Developed Project Plan & Timeline
Significant Actions to Date
(Continued)

• **Working Group Meeting 02.00** – Unterschleissheim, Germany, 18-19 January 2012
  – Reviewed and Approved ILS Handbook Charter
  – Reviewed and Approved ILS Handbook Working Group Terms of Reference
  – Approved U.S. Co-Chairman
  – Continued Discussion and Development of ILS Handbook Structure

• **Working Group Meeting 03.00** – Plano, Texas, 17-19 April 2012
  – Planned and Coordinated Integration with Data Modeling and Exchange Working Group (DMEWG)
  – Approved Working Group Secretary
  – Finalized and Approved Initial Handbook Structure
  – Identified Task Teams and Writers for Handbook Chapters and Sections
  – Reviewed Submitted ILS Processes, Models and Elements
# Program Plan

<table>
<thead>
<tr>
<th>Phase</th>
<th>Activity</th>
<th>Deliverable(s)</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Task Definition</td>
<td>• SX000i ILS Handbook Charter</td>
<td>Completed</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• SX000i Working Group Terms of Reference</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Program Plan Preparation</td>
<td>• Initial Handbook Structure</td>
<td>Completed</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Task Team and Writing Assignments</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Handbook Preparation and Integration</td>
<td>SX000i ILS Handbook</td>
<td>In-Progress; Due 12/2012</td>
</tr>
<tr>
<td>4</td>
<td>Industry Agreement and Authorization</td>
<td>AIA and ASD Approval</td>
<td>In-Progress Due 06/2013</td>
</tr>
</tbody>
</table>
Summary

“Develop, publicize and maintain an Integrated Logistic Support (ILS) Handbook, named SX000i, so as to ensure compatibility and the commonality of ILS processes.”

- SX000i ILS Working Group Charter, 2012-01-18
Integrated Logistics Support Handbook, SX000i