ASD/AIA guide— SX000i

International Guide for the Use of the S-Series Integrated Logistics Support Specifications

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Agenda

- Introduction

- The Vision for the Suite of Specifications

- Implementation of the Vision

- The AIA/ASD Suite of ILS Specifications

- The Aim and Purpose of the Guide

- Background and development history

- Member and Observer Organizations

- Current SX000i outline (structure & contents)

- Ongoing work and next steps

- Summary of what we do

Introduction

- Ramon Somoza – who am I?
  - Business development & Integration Platform Manager at Airbus Military
  - European Chairman of SX000i
  - Member of AIA/ASD ILS Council
  - Member and data modeler of S5000F
  - Member of the ASD Standards Steering Group (SSG)
  - Software engineer, logistician, writer, translator, and a few more other things.

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

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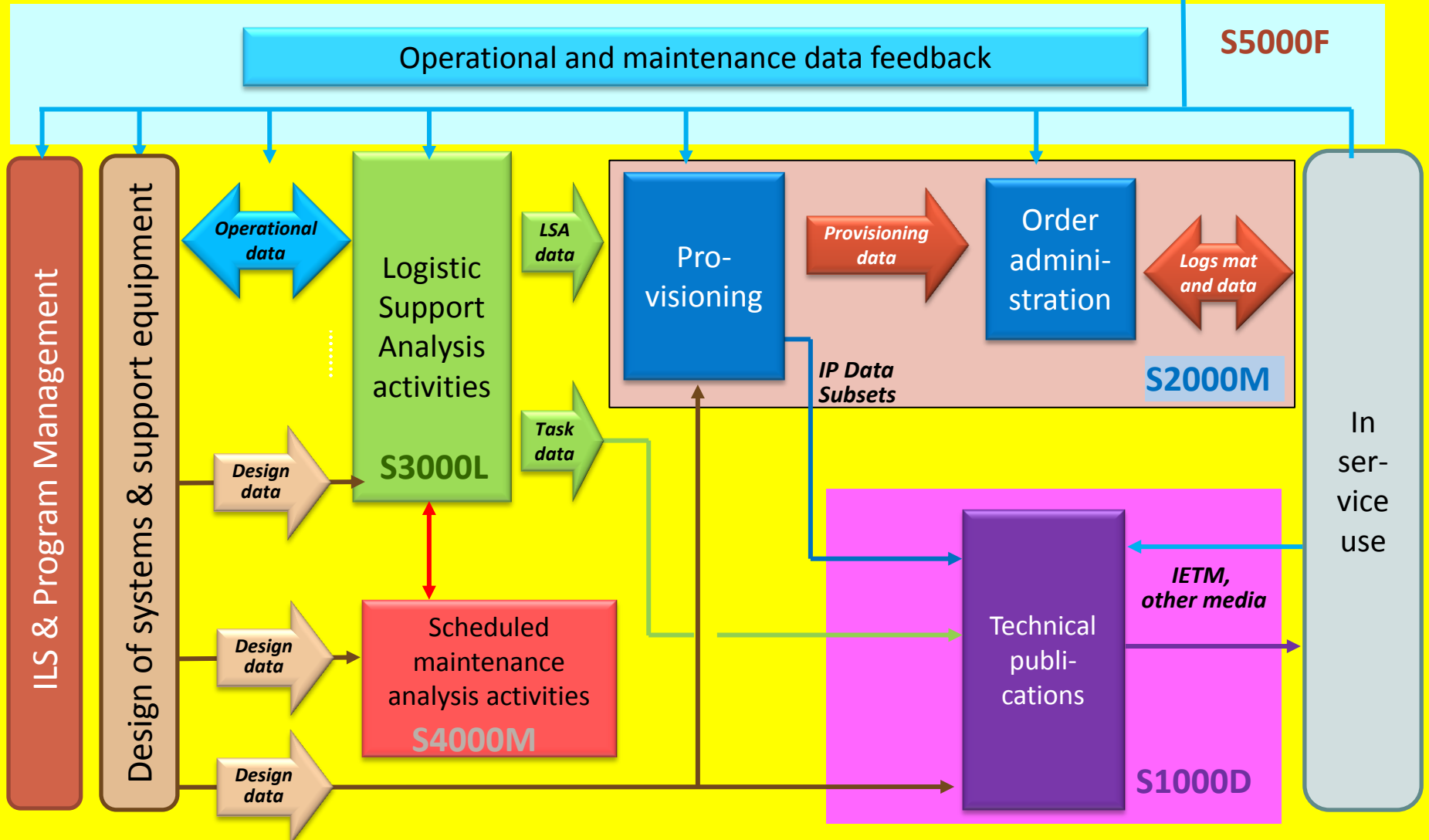
- SX000i ILS Working Group Charter, 2012-01-18

When implemented, the suite of ILS specifications enables a coherent interface with systems engineering.

The AIA/ASD Suite of ILS Specifications

council

SX000i

S9000D – Dictionary
STE100 – Simplified Technical English

SX000i – Integrated Logistic Support Guide

S5000F

Operational and maintenance data feedback

ILS & Program Management

Design of systems & support equipment

Operational data

Logistic Support Analysis activities

S3000L

LSA data

Design data

Task data

Pro-visioning

Provisioning data

Order admini-stration

Logs mat and data

IP Data Subsets

S2000M

Design data

Scheduled maintenance analysis activities

S4000M

Design data

Technical publi-cations

S1000D

IETM, other media

In ser-vice use

"… an Integrated Logistic Support (ILS) Guide, named SX000i, so as to ensure compatibility and the commonality of ILS processes…"

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

SX000i Purpose

The purpose of SX000i, Integrated Logistic Support Guide, is:

- 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

SX000i Background and development history

- During the development of the ASD ILS Specifications, the different WGs identified the need for an "umbrella" specification to ensure the compatibility and commonality of ILS processes among the suite of ILS specifications.

- In 2011, the decision was made to develop, publicize and maintain an Integrated Logistic Support Guide, named SX000i, so as to provide a compatible and common ILS process to be used in the other ILS specifications. Development of SX000i was viewed by the ILS Specifications Council as an essential step to achieving the vision for the suite of ILS specifications.

- In June of 2011, the SX000i WG was formed and SX000i development commenced.

- The current title of SX000i, International Guide for the Use of the S-Series Integrated Logistics Support Specifications, was approved by the ASD/AIA ILS Specifications Council in June of 2012.

Member & Observer Organizations

MEMBER ORGANIZATIONS			
Company/Organization	**Country**	**Company/Organization**	**Country**
Airbus	France	Lockheed Martin	USA
Airbus Military	Spain	MoD UK	UK
Boeing Defense Systems	USA	OCCAR-EA	European
Bundeswehr	Germany	Saab	Sweden
Cassidian	Spain & Germany	SELEX ELSAG	Italy
ESG Elektroniksystem und Logistik GmbH	Germany	Tusas Aerospace Industries (TAI)	Turkey

OBSERVER ORGANIZATIONS			
Company/Organization	**Country**	**Company/Organization**	**Country**
Defense Acquisition University	USA	Northrop Grumman	USA
Integrated Support Systems, Inc	USA	NDLO/IM-PLCS	Norway
Jacobs Technology (on behalf of LOGSA)	USA	Scandinavian Avionics A/S	Denmark
Lockheed Martin UK Integrated Systems	UK	Spanish Air Force	Spain
LSC Group	UK	O'Neil & Associates	USA
Jotne	Norway	Rolls-Royce Submarines	UK
USAMC LOGSA	USA	SDL	USA

Currently the SX000i Working Group has 15 Members , 14 Stakeholders and 20 Observers

Current SX000i outline (1)

Structured in 4 distinct Chapters, derived directly from the SX000i Charter purposes:

1. Introduction to the Guide

2. Integrated Logistics Support Framework
   2.1 Introduction
   2.2 Product Life Cycle Overview
   2.3 ILS Overview
   2.4 ILS Process

3. Usage of the Suite of ILS Specifications in an ILS Program

     3.1 Introduction

     3.2 AIA/ASD ILS Specifications Interface with Other Domains

     3.3 Mapping of AIA/ASD ILS Specifications to ILS Elements

     3.4 Selecting the Appropriate AIA/ASD ILS Specifications

     3.5 Implementing the Specifications

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 Specification Publication process

    4.5 Management of Specification Websites

    4.6 User Community Feedback

    4.7 Standard Specification Change Management Process

    4.8 Implementor forums

Appendices

SX000i Ongoing work & next steps

- Chapters 1 & 4 basically finished
- Chapter 4 to be discussed with ILS Council tomorrow
- Some outstanding work pending for chapters 2 & 3 – expected to be finished during the SX000i September meeting at Bristol (hosted by UK MoD)
- Issue 0.1 for internal review to be issued to AIA/ASD by the end of 2013
- Issue 0.2 for public review in Q2 2014
- Issue 1.0 of SX000i by Q3 2014.

Summary of what we do

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

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

SX000i Operational and maintenance data feedback

- Any Questions?