



Host (on behalf of ASD):



ADS is the Premier Trade Organisation for companies in the UK Aerospace, Defence, Security and Space Sectors.

U.S. Navy - NAVSEA S1000D

Name of presenter: L. John Junod
Rank/title of presenter: Chair U.S. S1000D Sea Working Group
Company/organization: U.S. Navy, Naval Surface Warfare Center, Carderock

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S1000D User Forum, London

October 14-16, 2019

Naval Surface Warfare Center, Carderock Division

AMERICA'S FLEET STARTS HERE



U.S. Navy - NAVSEA S1000D

2019 S1000D International User Forum

London October 16th 2019

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Technical Director, NSWCCD

2019-10-16

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US NAVY – NAVSEA, JOURNEY WITH S1000D

As presented at the December 2015 S1000D User Forum:

NAVSEA S1000D TOOL CHEST



<i>Policies</i>	Department of Navy Policy on Digital Product/Technical Data		NAVSEA Policy: Use of S1000D			
<i>Support Groups</i>	U.S. S1000D Sea Working Group	NAVSEA S1000D Configuration Control Board		NAVSEA TM Viewer Configuration Review Board		
<i>Enterprise Resources</i>	Navy S1000D Information Center Website	TM Management Program Operations and Procedures	NAVSEA S1000D Acquisition and Development Procedures	NAVSEA TM Management Course (with S1000D)	NAVSEA S1000D Info Sets	
<i>Project Resources</i>	Business Rules	Model Identification Code Registration	NAVSEA S1000D Tagging and Authoring Guidelines		CSDB User Manual	
<i>Production Tools</i>	SMART-T (TM Contract Requirements Tool)	Data Item Descriptions	Quality Assurance and S1000D BREX	CSDB	Publishing Engine	NAVSEA TM Viewer

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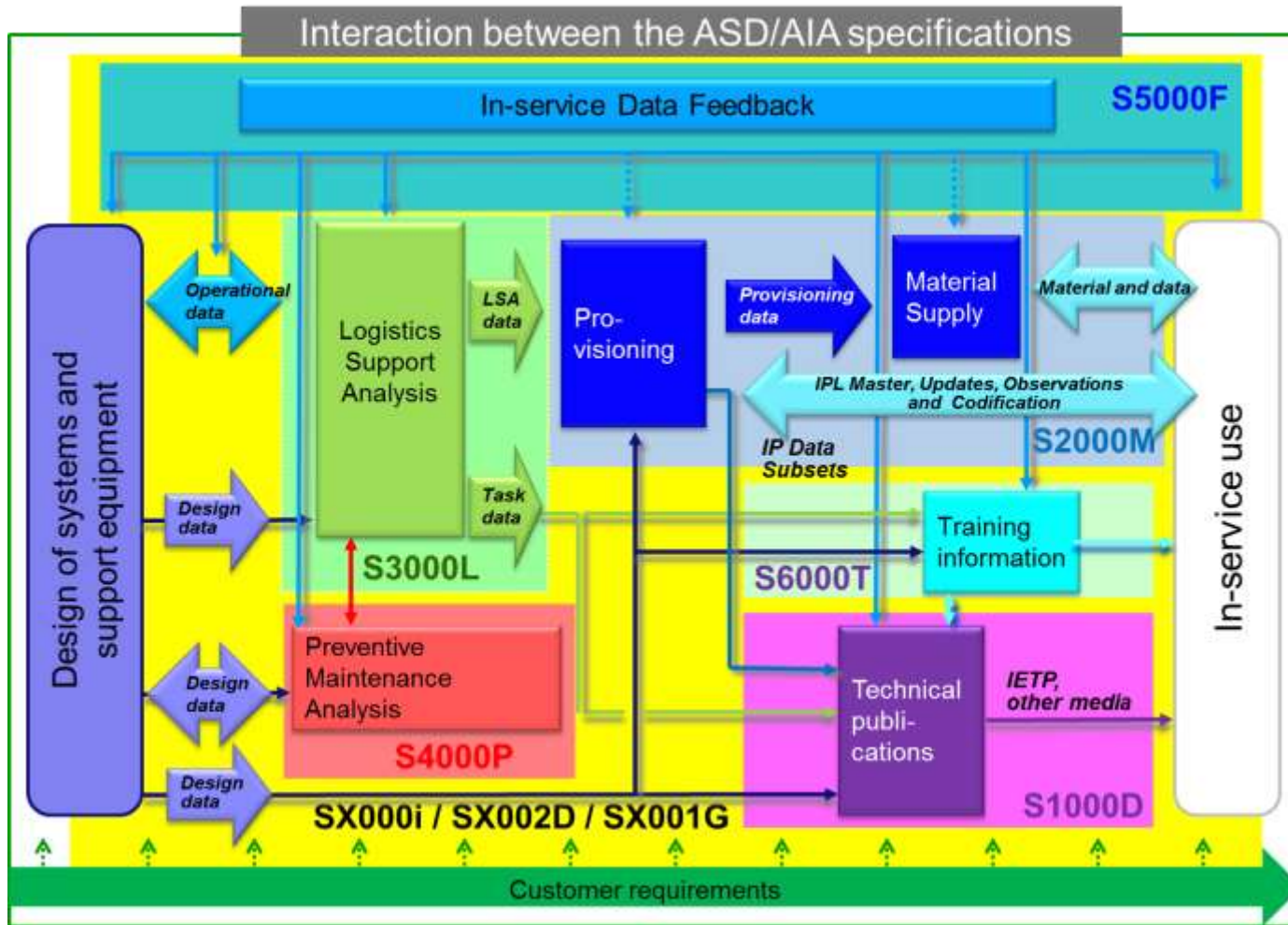
U.S. Navy – NAVSEA,

Way Ahead with S1000D...

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S1000D as a part of the S-Series for Integrated Logistics

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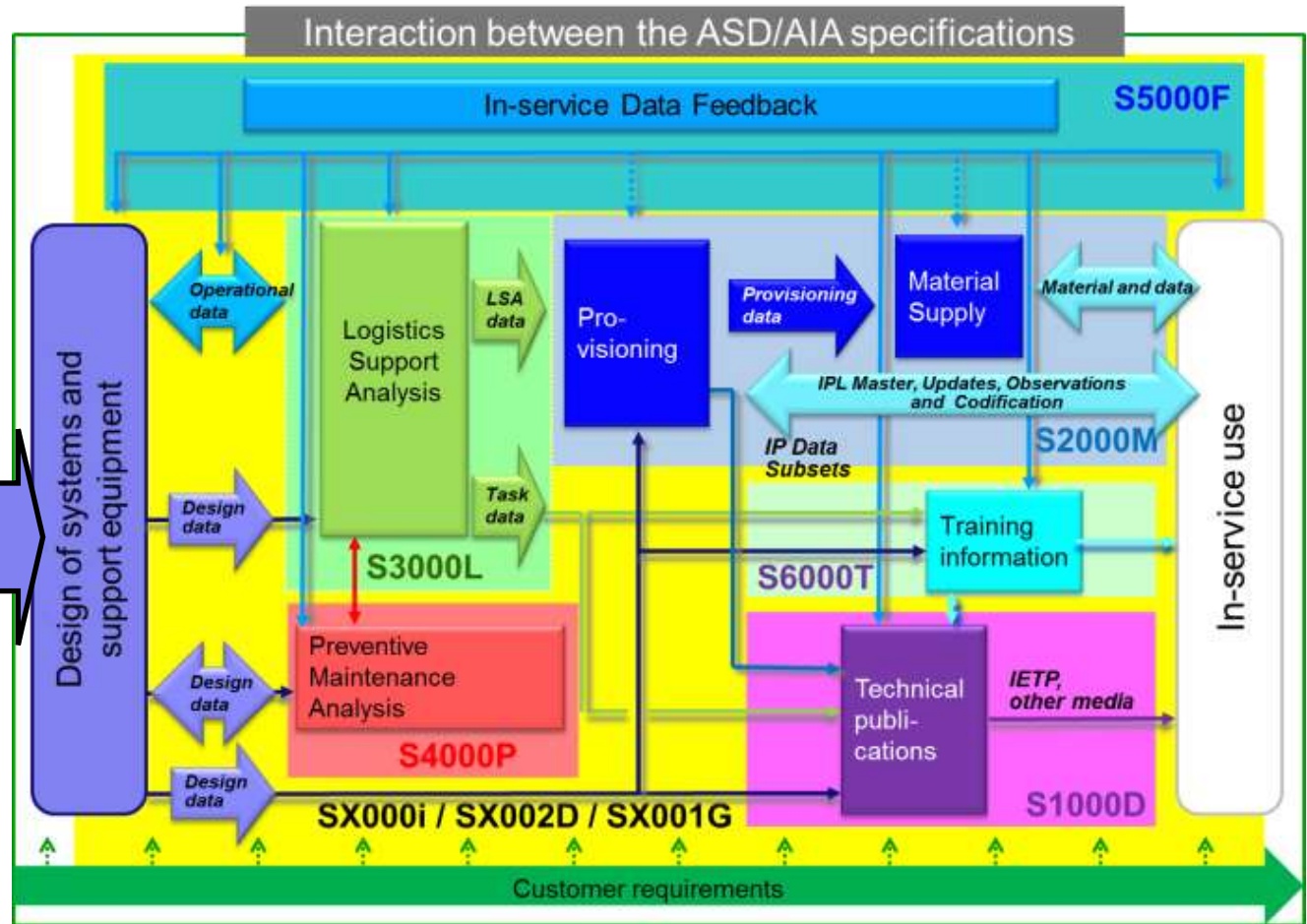
MIL-STD-31000B TDP Design + S-Series

MIL-STD-31000B
31 Oct 2018

U.S. Department Of Defense

Standard Practice

Technical Data Packages



ICN-B6865-SX000I30019-004-00

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ASD SSG Newsletter – April 2019 (Pages 3 & 4)

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ISO AP239 (Product Life Cycle Support) ed3 providing new capabilities to support Integrated Logistics Support specifications

ISO AP239 ed3



The ISO AP239 ed3 project has developed a first set of components of the future STEP Core Model (an information model harmonized between AP242 and AP239).

This harmonization will enable digital continuity between Engineering (where AP242 is identified as the central standard for design and manufacturing) and Support (where AP239 PLCS is targeted as an overarching standard for Integrated Logistics Support specifications, including AIA-ASD ILS Specifications and SAE-GEIA-0007).

The Core Model is planned to be published as an ISO Technical Specification in 2020.

[More information on AP239 \(PLCS\) edition 3 project website](#)

ASD and AIA develop collaboration on data interoperability



AIA Business Technology Interoperability Committee Chair Howard Mason and **ASD Strategic Standardization Group** Chair Yves Baudier led the latest biannual collaboration call on data interoperability between the US and Europe on January 30.

The call reviewed progress on existing collaborative activities within the framework of the MoU between AIA and ASD, such as STEP AP242 ed2, LOTAR and the S-series specifications, product visualisation and transaction standards, and identified future opportunities in the areas of smart manufacturing, blockchain and digital twins.

[More information on SSG website](#)

Reference Link; http://www.asd-ssg.org/asd-ssg-newsletters/-/asset_publisher/U0z4/document/id/776219;jsessionid=dd01f5f9557f41c298da1f8bb088?redirect=%2Fasd-ssg-newsletters

2019-10-16

US Navy - NAVSEA S1000D – Wed 16th Oct 2019

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NAVSEA Legacy Standards Harmonization



As Is:
Center

To Be:
Outer Ring

MIL-STD-31000B TDP
ISO 10303 STEP AP 239
ISO 10303 STEP AP 242
SAE/EIA-649 CM

Tech Pubs and Training

S1000

-S1000D Info Sets
 -S1000D Business Rules

-31000, AP 239, 242, 649 ... Info Sets
 -31000, AP 239, 242, 649 ... Business Rules

Training Needs Analysis

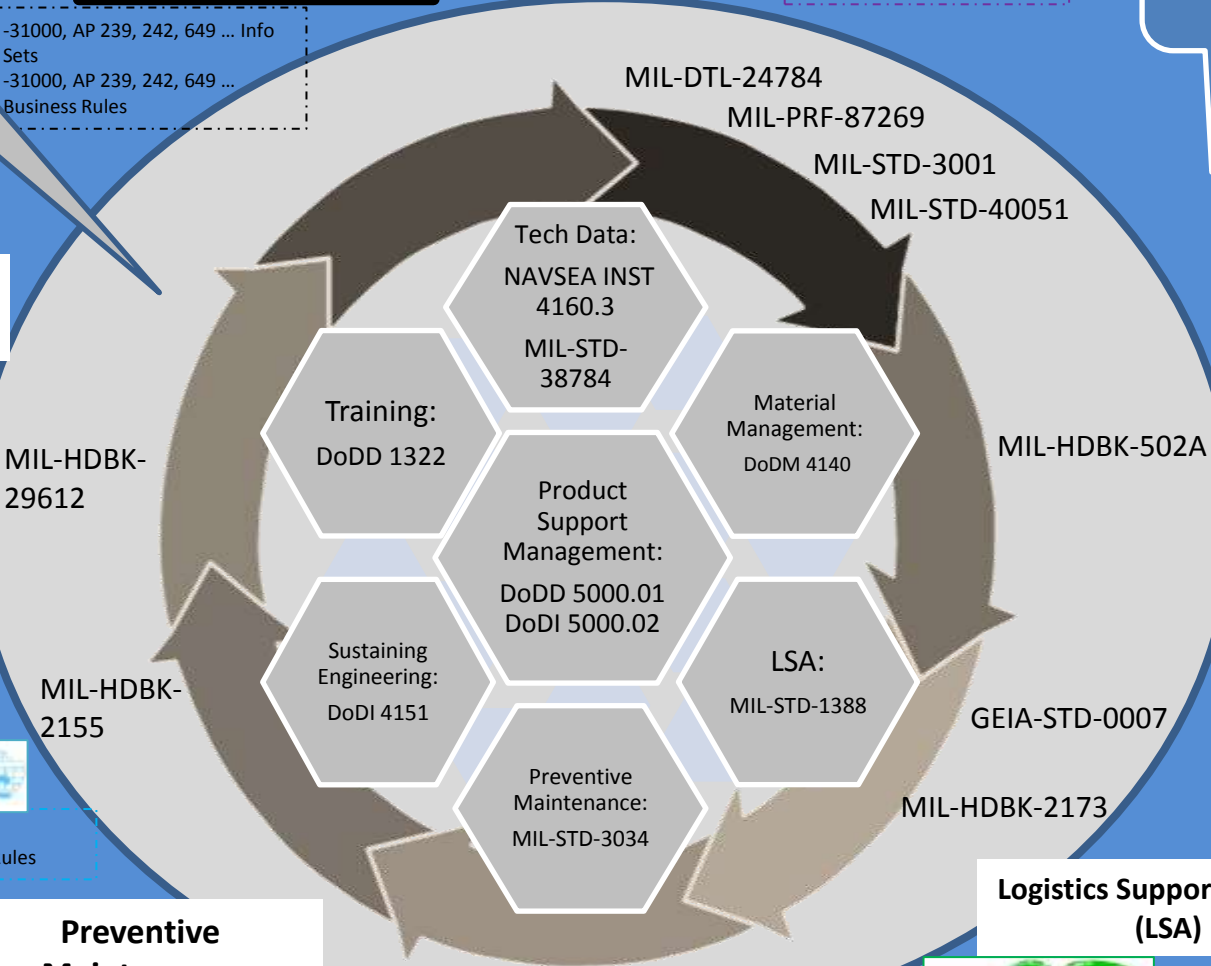
S6000T

-S6000T Info Sets
 -S6000T Business Rules

Operational and Maintenance Feedback

S5000F

-S5000F Info Sets
 -S5000F Business Rules



Material Management

S2000M

-S2000M Info Sets
 -S2000M Business Rules

Preventive Maintenance

S4000P

-S4000P Info Sets
 -S4000P Business Rules

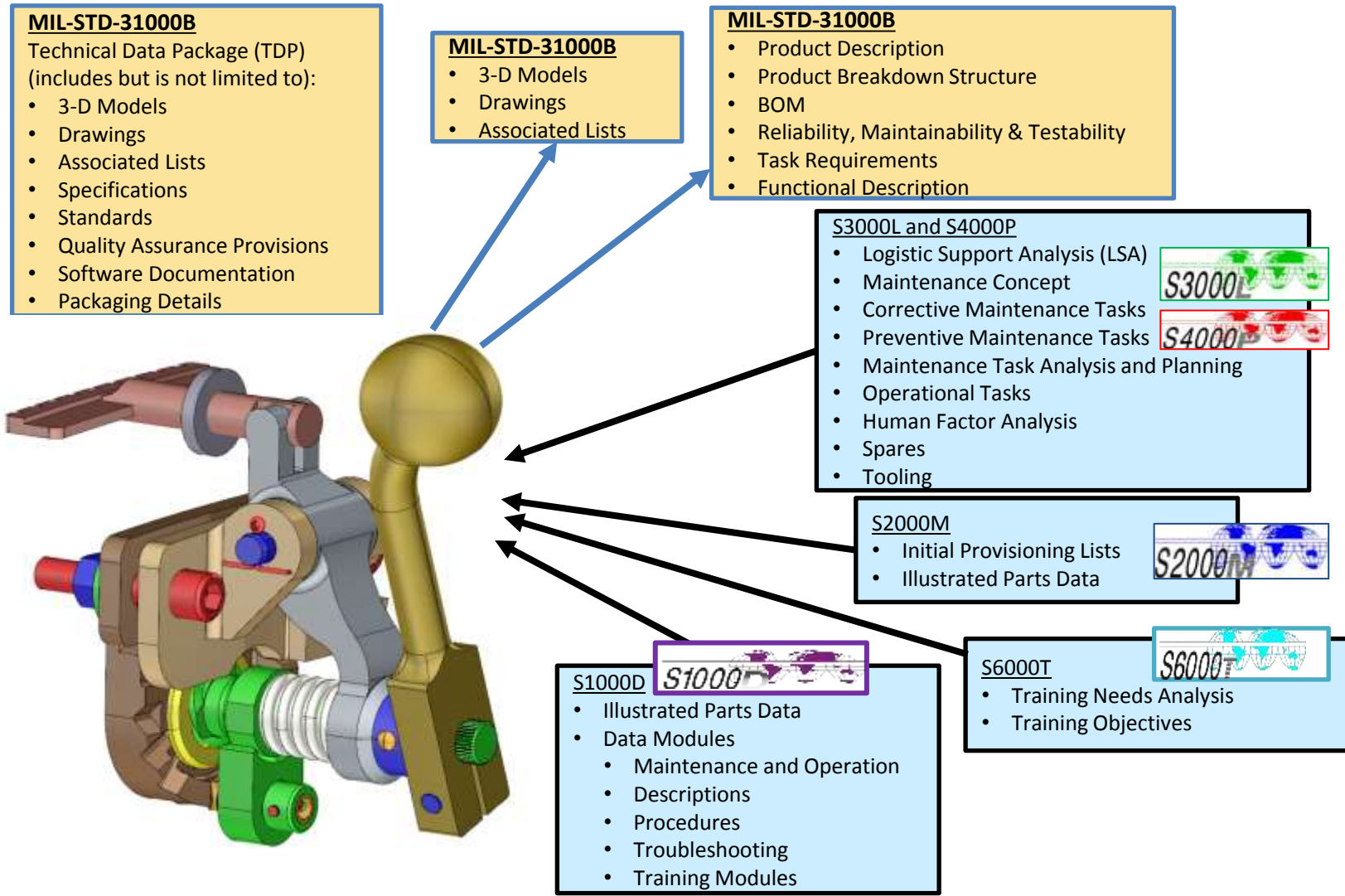
Logistics Support Analysis (LSA)

S3000L

-S3000L Info Sets
 -S3000L Business Rules

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S-1000D WITH MIL-STD-31000B AND OTHER S-SERIES



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Thank you
for your attention!

Questions?

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