



S1000D DEFENSE INTEREST GROUP (S1000D DIG) - S1000D User Forum 2025 Montreal

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Agenda

- **Introduction of the S1000D DIG and its goals**
- **S1000D within an MoD/DoD environment**
- **Challenges industry faces regarding joint S1000D projects**
- **Opportunities and risks**
- **Necessity of a joint approach**



Introduction of the ILS/IPS and S1000D DIG

Introduction ILS/IPS and S1000 DIG

- Introduction
- The mission
- The responsibilities
- The objectives
- Representation in the ILS/IPS and S1000D community
- Who can become a member?
- Key positions
- Meeting management
- Sample reports to IPS Council and S1000D Council
- Is your nation not a member yet?
- Questions



Introduction

Defense organizations represent the biggest user group within the Integrated Product Support (IPS) and S1000D community with implementation experience of over 30 years. Although each organization has a different operating model, the experiences, challenges and valuable successes are common across the board.



Therefore the S1000D Defense Interest Group (S1000D DIG) was founded in 2013 and the Integrated Product Support Defense Interest Group (IPS DIG) was founded in 2019 which represent the defense organizations in the worldwide IPS and S1000D community

Mission

The main mission of the S1000D DIG and ILS/IPS DIG is to conduct the harmonization of Defense customers' needs related to the development and application of the S-Series IPS and S1000D Specifications.



Responsibilities

Provide coordinated input to the S1000D and ILS/IPS Council respectively on matters related to strategy and way forward for the S-Series ILS/IPS and S1000D Specifications from a Defense perspective

Conduct the harmonization of Defense customers' needs related to the development, application, implementation, and adoption of the S-Series IPS and S1000D Specifications.

Maintain governance of the S1000D and ILS/IPS DIG, including Memberships, representation at meetings, Terms Of Reference (TOR) and minutes, briefings and submissions.

Objectives



Provide a forum
for the sharing
of information

Support the
analysis and
implementation
of S-series



Use a
consolidated
voice to engage
with Industry to
enable the
implement S-
series

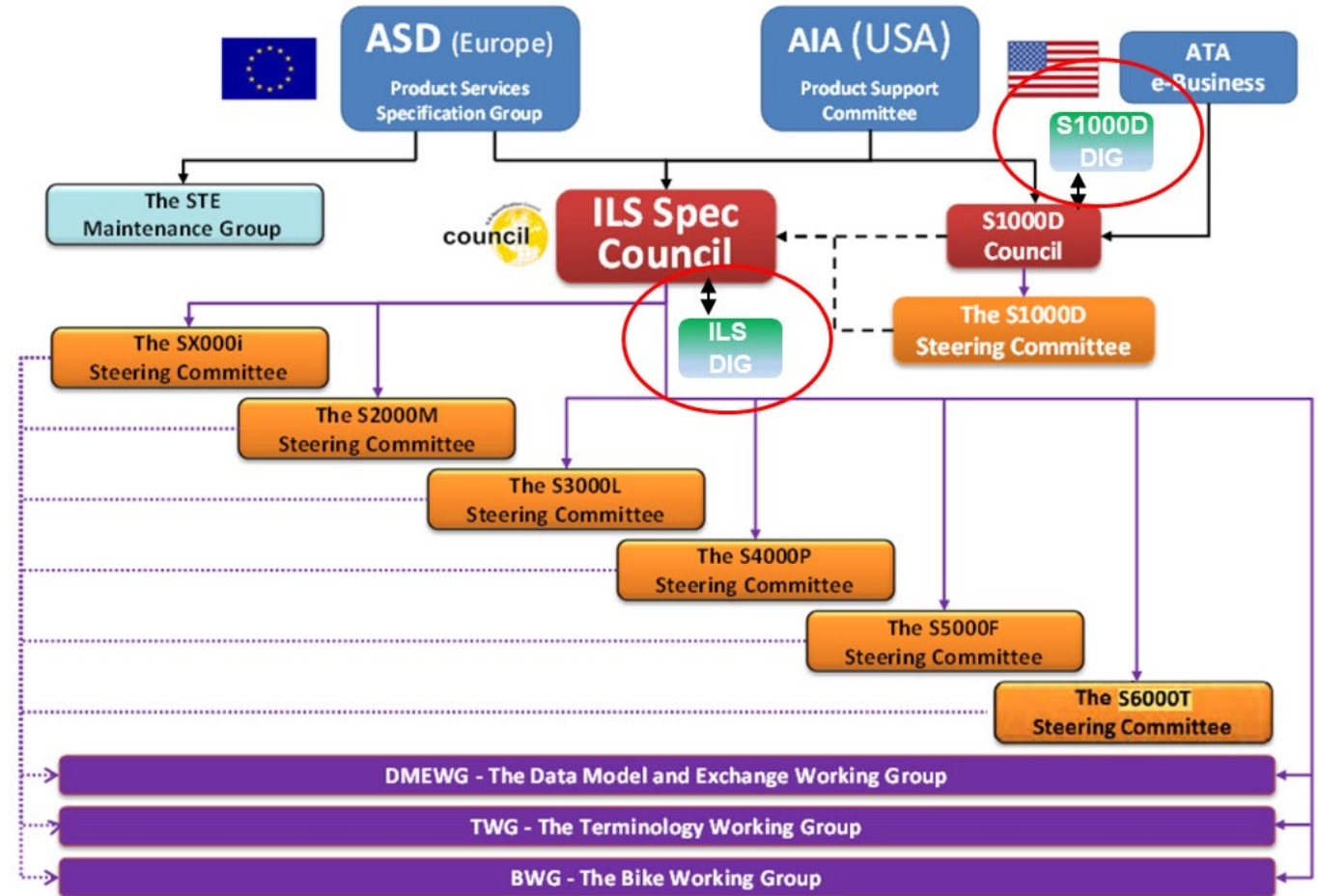


S-Series Representation

The IPS DIG is permanently represented by the IPS DIG Chair as a voting member in the ILS/IPS Council.

The S1000D DIG is permanently represented by the S1000D DIG Chair as an observer member in the S1000D Council.

The S1000D DIG and IPS DIG strive to efficiently coordinate between existing national and international forums involved with ILS/IPS. They focus on using the existing (infra)structures and networks like the NATO working groups, the steering committee meetings of the S-Series ILS/IPS specifications etc. as much as possible in order to prevent overlap and unnecessary additional costs for the people and organizations involved.



ICN-B6865-SX000I40001-004-01

S-Series Representation

Representatives from national ministries, departments of defense and international defense organizations that belong to a member nation (affiliated in one of the parent organizations [ASD, AIA or ATA (for S1000D DIG)]).

Each MOD/DOD may be represented by a primary and a secondary representative.

If requested representatives may be supported by Industry specialists supporting the respective MOD/DOD. Industry representatives are only observers with no voting rights.



Sample report to ILS/IPS Council



Project Status:



Previous | Current

IPS DIG Status Report for IPS Council

Report Date: **26-APR-2023**

Chair: Gerke Mulder (NL) – Co-Chair: Ryan Griffin (UK) - Secretary: Raye Haynes (AU)

Notes to persons preparing report:

- For Project Timeline, team can decide in which month the schedule starts but should show a minimum of 6 months of forward looking milestones / activity.
- It is okay to add additional pages of information if needed.
- Updates from last report in blue text.

Project Scope:

- The S-Series IPS Specifications Defense Interest Group (IPS DIG) is an independent body representing defense customers who have a vested interest in the S-Series IPS Specifications. The main mission of the IPS DIG is to conduct the harmonization of defense customer's needs related to the development and application of the S-Series IPS Specifications.

Team Membership (*list active companies*)

- MoD/DOD members
 - Australia, Austria, Canada, Denmark, Germany, Netherlands, New Zealand, Norway, Spain, Sweden, Turkey, UK, US, NATO
- Industry observers
 - Pennant (AU), ESG (D), Damen Shipyards and Thales (NL), Saab (SE), EPS (US).
- ASD/AIA Council and SC officers

Current Activities/Status

- IPS DIG WG ToR – ToR almost completed. Another meeting necessary on how to deal with consensus. Important aspect is that IPS Council and ASD / AIA as an Industry body (should) have no power over MoD/DoD's.
- IPS DIG WG Collaboration – Standing WG where MoD/DoDs share information about their ILS/IPS organizations. Meeting schedule every 6-8 weeks.
- Request by Chair to ASD for IPS DIG to be mentioned on ASD website and to be provided with an own web page. Preferable on ASD, alternative SX000i.
- All members to consider Amalgamation of DIGs. Currently there is a S1000D DIG and an IPS DIG covering similar or sometimes the same topics.

Issues:

- Rights issues accounts for IPS DIG members on ASD portal

Risks:

Help Needed:

Accomplishments

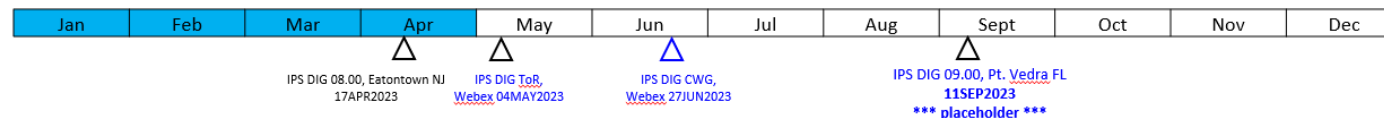
- Decision: As of IPS DIG 08.00, there will be an IPS DIG Committee Meeting (CM) nominally 4 times a year of which two would preferably face-to-face. IPS Working Groups (WGs) will be established for specific topics that the IPS DIG CM wants to be addressed.
- Raye Haynes secretary per IPS DIG 07.00
- Ryan Griffin co-chair per IPS DIG 08.00

What's next?

- Investigate why nations are not part of the IPS DIG
- Investigate why nations do not adopt S-Series

Project Timeline / Milestones

Meetings on the bottom, milestones on the top



Project Status Key:



On plan



Off plan and in recovery



Off plan without current mitigation

Sample report to S1000D Council



Project Status:



Previous | Current

Notes to persons preparing report:

- Links to Supporting Content intended to link to team artifacts available on Kavi site. You may not need all four or wish to re-position them.
- For Project Timeline, team can decide in which month the schedule starts but should show a minimum of 6 months of forward looking milestones / activity.
- It is okay to add additional pages of information if needed.
- Updates from last report in **blue text**. Active activities in **green**.

Council and Steering Committee Status Report Defense Interest Group

Report Date: **17-APR-2023**

Chair: Gerke Mulder, Vice-Chairs: Bob Sharrer, **Secretary: Joakim Lundqvist**

Project Scope:

•The DIG aims to provide guidance in conformity with the S1000D specification as applicable to defense projects. This encompasses in practice the definition of a common set of information regulations specific to defense projects in accordance with the S1000D specification.

Team Membership (list active companies)

- MoD/DoD members: Austria, Australia, Canada, Denmark, Finland, France, Germany, Netherlands, Norway, **South Korea**, Sweden, UK, US
- Other: NATO, OCCAR (on hold)
- Industry observers:
 - From most membership countries.

Current Activities/Status

- Allocation main priorities to owners
 1. **Implementation and Contracting Task Team->**
 - **Sweden MOD has accepted Chair position**
 - **ToR has been created**
 - **Follow-on meetings have been planned**
 - **Collaboration with IPS DIG**
 2. CPF for 'More extensive descriptions for Navy, Land and Software in Spec' – **Turkey takes ownership based on existing descriptions in Turkish MoD**
- **AJ, JL and GM prepare meeting for closer cooperation/integration with IPS DIG.**
- **KR has volunteered to lead a taskteam to explore possibilities to make S1000D DIG more efficient and more effective. Focus on the great potential and existing (national) structures that are available within the member nations.**
- **Review/feedback requested from S1000D by S1000X WG**

Issues:

- Secretary position vacant -> **Resolved. Joakim Lundqvist volunteered as the new S1000D DIG secretary**

Risks:

Help Needed:

Accomplishments

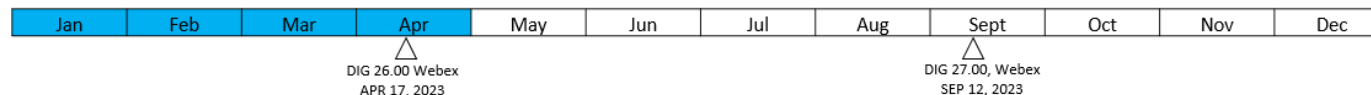
- Contributions S1000D DIG to S1000D USF
- DIG Specials
 - 22 June 2020 - S1000X
 - 15 July 2020 – Modularization
- Defense collage photo for new www.s1000d.org site
- Presentation AU DoD – S1000D **Defence** standard DEF(AUST)CMTD-5630
- Recommendation statement for use of maintained SNS for Navy Ships

What's next?

- **Preparation contribution S1000D DIG to IPS/S1000D USF US**

Project Timeline / Milestones

Meetings on the bottom, milestones on the top



Project Status Key:



On plan



Off plan and in recovery



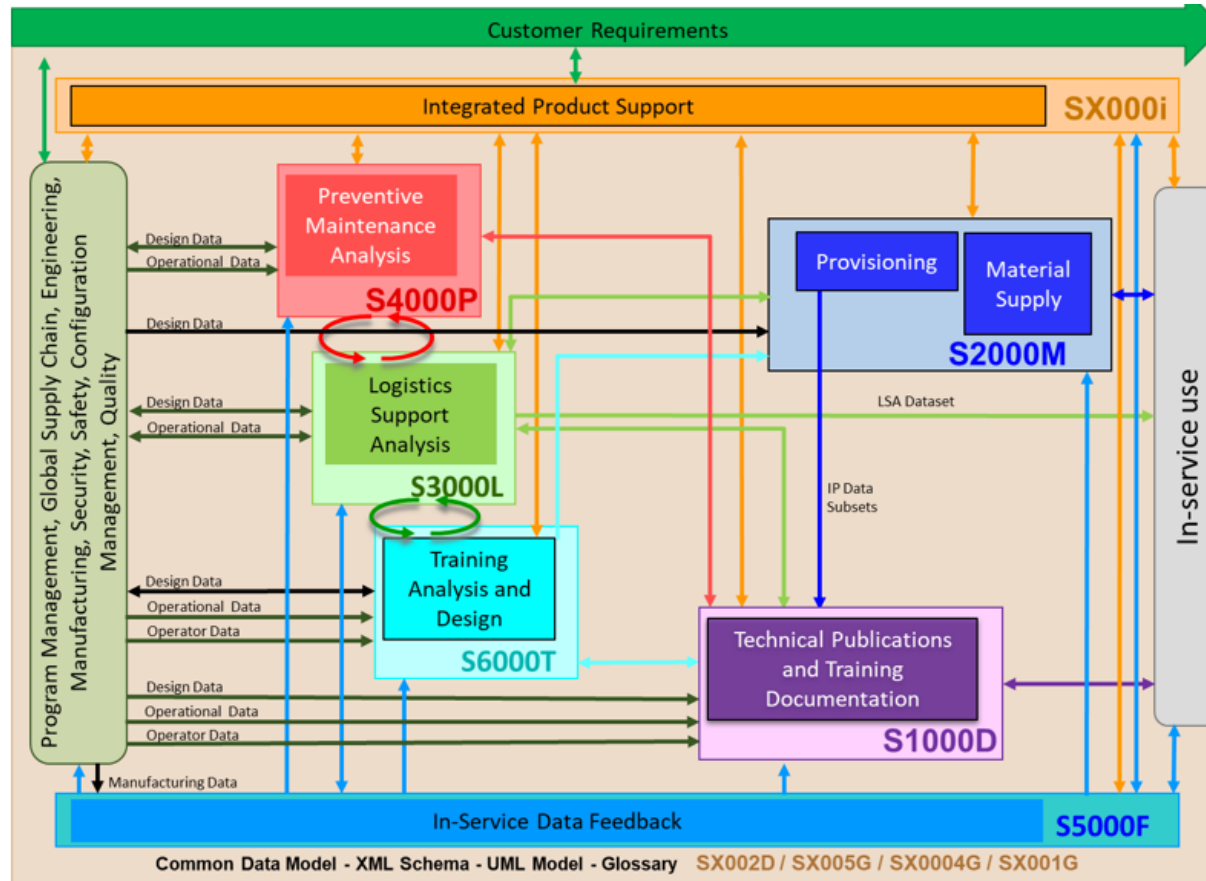
Off plan without current mitigation

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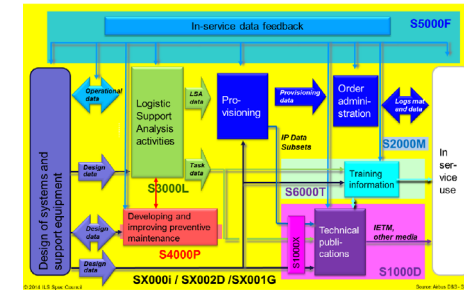
S1000D within an MoD/DoD environment

- Technical publications in context of ILS/IPS
- IETPs for MOD/DoDs
- Challenges for industry
- Opportunities and risks
- National policies and procedures of MoD/DoDs
- Need for joint approach

MoD/DoDs require Technical Publications in the context of the Integrated Logistic Support/Integrated Product Support discipline



Old version



ILS/IPS “Pizza chart”

S1000D: IETP

RNLN SYSTEM01 - ROYAL NETHERLANDS NAVY MAINTENANCE PUBLICATION - TEST DATASET 8 - IADS 4.3.5

Table of Contents


- ROYAL NETHERLANDS NAVY - ASWF Sample dataset S100
- Front matter
 - RNLN SYSTEM01 - ROYAL NETHERLANDS NAVY
 - ASWF test dataset 8 - INTRODUCTION
 - Applicability control files
 - DMA Engine
 - DMA Fresh water production system
 - DMA Encryption/decryption systems

RNLN SYSTEM01 - ROYAL NETHERLANDS NAVY MAINTENANCE PUBLICATION - TEST DATASET 8

UNCLASSIFIED

RNLN SYSTEM01 - ROYAL NETHERLANDS NAVY MAINTENANCE PUBLICATION - TEST DATASET 8

ASWF - test dataset
(SYSTEM01) (NSN: XXXX-YY-ZZZ-AAAA) (EIC: NA)



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NETHERLANDS MINISTRY OF DEFENCE - Material and IT Command (COMMIT)
09 MAY 2025

REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

If you find any mistakes or if you know of a way to improve the procedures, please let us know. Contact Mr. Gerke Mulder at G.Mulder@mindef.nl.

END OF DATA MODULE

RNLN SYSTEM01 - ASWF subsystems MAINTENANCE TASKS - RNLN SYSTEM01 09002-00

Type here to search

on PAC GENERATED DRAFT - Operating controls, jacks and indicators - Description - IADS 4.3.5

Table of Contents

- Operating controls, jacks and indicators - Description
- Figure 1. Rear Panel
- Figure 2. Rear Panel

Operating controls, jacks and indicators - Description

Philips High Fidelity Laboratories Ltd., 1978.

- Power Switch Figure 1, Item 1**
This is the main power switch and must be on for the unit to operate.
- Automatic Switch Figure 1, Item 2**
With this switch off, the unit functions normally by using the Power Switch. With the Automatic Switch and the Power Switch in the standby position the unit operates on a 'standby' basis. Part of the power supply is energized at all times, and the rest of the power supply energizes when a signal is applied to the unit. When the signal is removed from the unit it will return to the 'standby' condition after a short delay, to fan the unit off completely the Power Switch must be in the off position. The pilot lamp (LED) is not lit in the 'standby' or off condition.
- Fuse Holder Figure 1, Item 3**
(use 6.25A SB, 125V)
- Fuse Holder Figure 1, Item 4**
(use 3A SB, 250V)
- Fuse Holder Figure 1, Item 5**
(use 1.5A SB, 250V)
- High Frequency Roll Off Control Figure 1, Item 6**
This control allows you to choose the slope of roll off, in dB per octave, for those frequencies above 7K Hz.
- Input Sensitivity Control Figure 1, Item 7**
This control allows you to match the speaker system to your amplifier or preamplifier. The control should be set for the output voltage of the equipment being used to drive the speaker system. If the driving equipment is rated in watts RMS rather than volts, refer to Figure 7 Figure 3.
- Signal Input Jack, Left Channel Figure 1, Item 8**

Active Configuration: Inbuilt Configuration

on PAC GENERATED DRAFT - Cabinet - Illustrated parts data - IADS 4.3.5

Table of Contents

- Cabinet - Illustrated parts data
- Figure 1. Cabinet and Rear panel Exploded view

Cabinet - Illustrated parts data

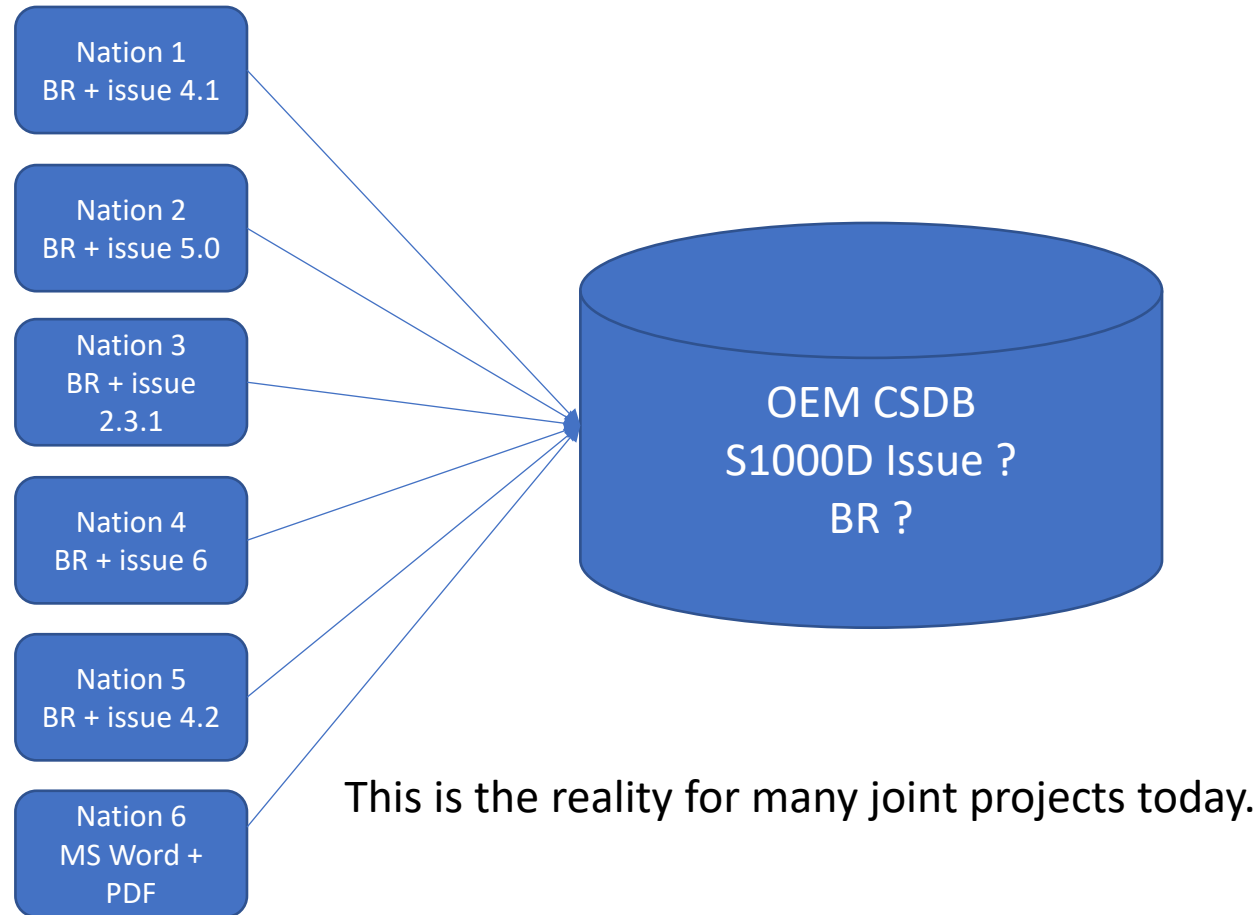
Philips High Fidelity Laboratories Ltd., 1978.

Figure 1. Cabinet and Rear panel Exploded view.

ITEM	SMR	NSN	CAGEC PART NO	DESCRIPTION	QTY
1	XB		H5895 5H48890433	Mica Insulator (TS432a and TS432b)	2
2	XB		H5895 4H26720221	8 Pin Socket	1
3	XB		H5895 4H26560127	Bracket (TS442 and TS430)	2
4	XB		H5895 4H4530081	6 Pin Plug	1
5	XB		H5895 4H27610564	AC Switch (SK-A-1)	1
6	XB		H5895 4H25540112	Disc Insulator (TS444a and TS444b)	2
7	XB		H5895 4H27610564	Automatic Switch (SK-D-11)	1
8	XB		H5895 4H53251043	Insulator Bushing (TS432a, TS432b, TS444a and TS444b)	6
9	XB		H5895 4H25640048	Fuse Holder	3
10	XB		H5895 4H41330623	Knob w/Compression Spring	2
11	XB		H5895 4H26520062	AC Inlet (Interlock)	1
14	XB		H5895 4H26740222	Jack Assembly (Input/Output)	1
15	XB		H5895 4H26730255	AC Outlet	1
16	XB		H5895 4H27610564	Channel Selector Switch (SK-B-11)	1
17	XB		H5895 4H53260643	Disc Cam (SK-E-IV)	1
18	XB		H5895 4H27660503	Input Impedance Switch (SK-E-IV)	1
19	XB		H5895 4H45300476	Name Panel	1
20	XB		H5895 4H45300492	Grille (Small)	1
21	XB		H5895 4H45300493	Grille (Large)	1
22	XB		H5895 4H46690044	Locking Pin Holder	8

Active Configuration: Inbuilt Configuration

Challenges industry faces regarding joint S1000D projects



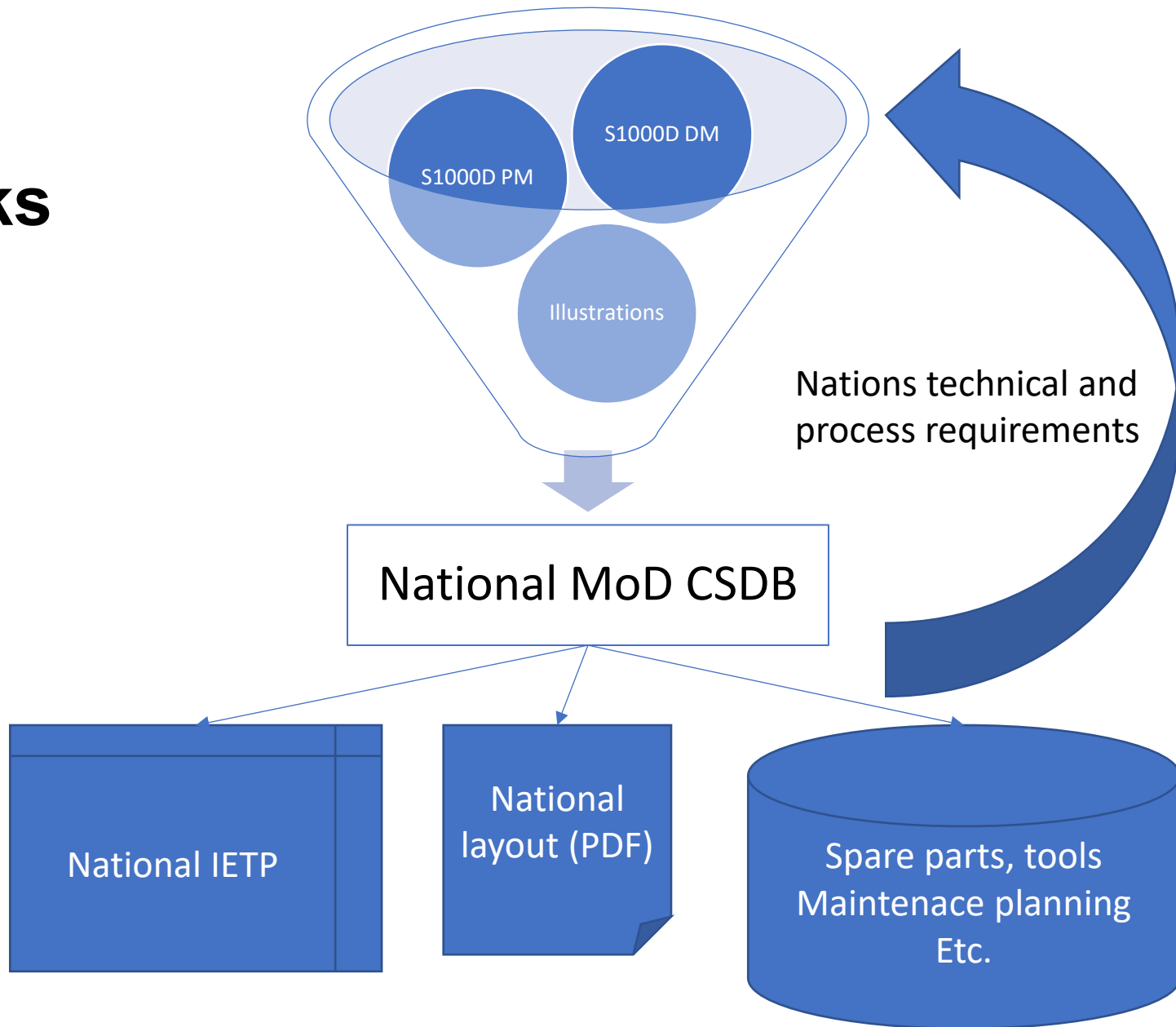
Possibilities for DIG to support

DIG,

- discusses the issue in an MoD/DoD community
- considers development of common DIG business rules
- discusses the importance to differentiate between the business rules:
 - Business "Business Rules"
 - Production "Business rules" (heavily XML schema related)
 - Project "Business rules"
- Tries to harmonize Business Rules (BR) between nations

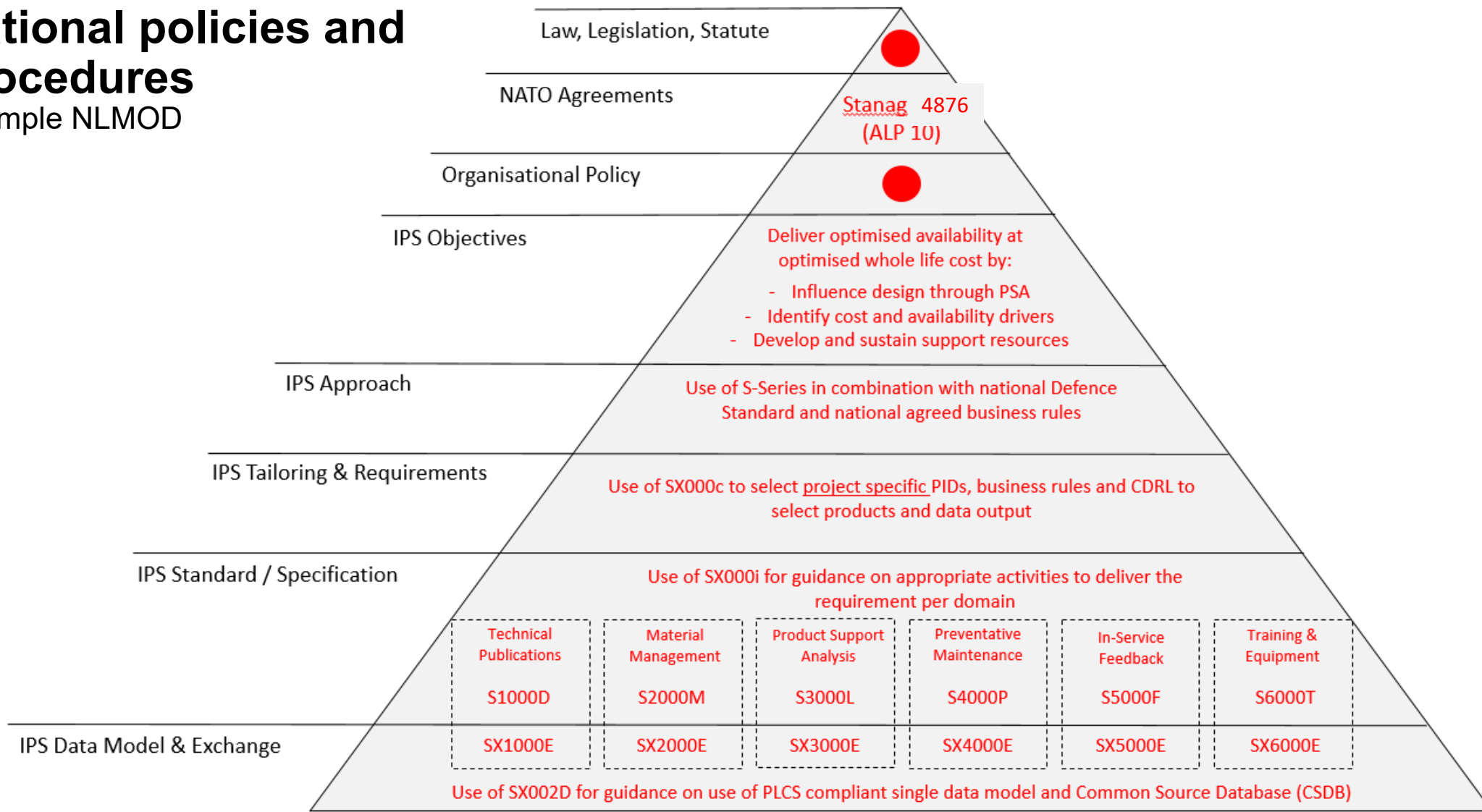
Opportunities and risks

- national policies and procedures
- different IETP viewer tools and concepts
- different support data bases
- different layout rules



National policies and procedures

Example NLMOD



Necessity of a joint approach

- Speed up deliveries
- Have a common approach between nations
- Harmonization of Business Rules between nations
- Etc.



Is your nation not a member yet?
Please come to me after the presentation!