

Standards Coordination Working Group Meeting 12th May 2026

Meeting Notes and Actions

Introduction

The hybrid meeting was facilitated by Julian Dayment (JD) from Team Defence Information (TD-Info) and attended by 16 people with 4 in the office and 12 on-line. This included representatives from Allan Webb, Arcadis, dstl, Eurostep, Rolls-Royce (x2), MBDA, BMT, Red Scientific, Pennant, TFD and TD-Info (3 staff members).

Meeting Agenda

- Last meetings notes and actions – Julian Dayment
- Updates
 - NATO / SVC meetings - Phil Williams
 - Updates from other meeting participants
- Case studies for S-Series implementation
- Working Group activities discussion - all
- Actions, next step, AOBs - all

After introductions, the slides interspersed below were used to provide background and direction for subsequent discussions.

Last meeting notes & actions



- Any feedback on the issued meeting notes?
- March meeting actions
 - **1 - Craig Randall (CR)** (MBDA) was asked to formally provide details so this could be used to feed into the S3000L development team. *Email provided by Craig to JD.*
Action complete
 - **2** – JD to arrange a Teams call with the co-chairs to agree how future meeting will be performed. *Call held 10th Apr with Lee and Chris.* **Action complete**
 - **3** – JD coordinate the collation and recording of the representatives for the S-Series and related IPS specifications and standards. *See slide 5.* **Action complete**
 - **4** – JD to draft the standards and specifications map and share with the group before the next meeting. *See slide 6.* **Action complete**
 - **5** – PW to link up JD with Gareth Walsh of ASD to obtain the various presentations from the SSG meeting so these can be shared with the group via the TD-Info website. *JD collated artefacts and placed on the website.* **Action complete**

Last Meeting Notes and Actions

There was no feedback on the last meeting's notes.

Actions Review

March meeting Action 1 - Craig Randall (CR) (MBDA) provided the following slides which instigated some discussion about the specific points and potential solutions. As the meeting was not intended to solve the various issues raised, there was some input from individuals about potential solutions.

MBDA Craig Randall S-Series Comments (1)



- A small number of programmes, mainly from European Countries, prescribe the ASD S Series, but in an inconsistent way.
- For example, requested S1000D with a mix of issues 2.3 and 4.1, S2000M mandated 7.0 but requested the DEDs from 5.0, and S3000L they requested 1.1 whilst 2.0 is available.
- We have received excel templates that automate population of the ASD S series tool they use but there are instances where they want data that isn't available (for example scrap rate - we do not have sufficient statistically significant repairs to calculate it), but then ask that we put values in anyway, **guidance on this would be useful.**
- Other programmes we have worked closely with the Customer to understand their data needs, and some of them are switched on; using S Series terminology consistently.

MBDA Craig Randall S-Series Comments (2)



- One of the key issues is with already in service Military Off The Shelf equipment, with complete technical publications, yet we receive requests for S3000L Task, Sub-Task structures, including definition of the Start-up, Core and Close-up aspects.
- The Support Analysis and Task Analysis has already been conducted for some of the In-Service Equipment and informed the technical publications process, but does not have the S3000L Task Analysis structures, e.g. it pre-dated the adoption of a S3000L compliant system.
- Effectively we are being asked to re do Task Analysis in the S3000L format for a MOTS product, which drives cost not efficiency, and whilst we are migrating our products over to S3000L tools, it appears as though there is no real tailoring conducted for consideration of MOTS equipment, and the Specification does not provide clear guidance on this.
- For example, it is the purpose of the Task Analysis for a development project to determine the resources and procedural steps to perform a maintenance activity, the net outcome is the Technical Publication that the end user sees, **S3000L could be clearer in providing the guidance around inclusion of Task Analysis data for MOTS / COTS products that entered service prior to formal adoption of S3000 Task Analysis structures and data requirements, e.g the S1000D Data Modules / publications of MOTS products takes precedent over Task Structures.**
- Revisiting Task Analysis to adapt it into a S Series format drive costs up unnecessarily, shouldn't one of the primary aims of standardisation seek to reduce additional / duplicative work, especially when considering the whole purpose of Task Analysis.

MBDA Craig Randall S-Series Comments (3)



- The next point is about Task Personnel Resource Competence, and role as per S3000L.
- We have had specific values provided by a customer (Leading Hand etc) to populate in the TPRC column, S3000L gives the flexibility to do this, and allows Roles to be defined e.g. Person 1, Person 2, but it does not align with the allowable values of S1000D (which tends to use Person A, Person B).
- Therefore, there is a need **to map all of the S Series where data is supposed to flow between the standards - or provide improved guidance on allowable values for roles in S3000L that will subsequently map to S1000D.**
- If there is flexibility to assign values for project defined roles, then the S1000D fields should be flexible to receive the variations of roles that may be defined by different customers or S Series Specifications.

MBDA Craig Randall S-Series Comments (4)



- Another example is that of S2000M to S1000D hardwarePartProvisioningCategory (ITY) to PartsUsageCode.
- They should be the same list, but they are not. When using automated tools that pull information from S3000 & S2000 tool and runs through a parser, it returns errors due to the differences. Whilst this can be resolved locally, it takes time and can differ from project to project, not a standardised approach.
- Another issue is the hardwarePartProvisioningCategory (ITY) which has grown slightly to include StandardTool (ST) but has not included Special Tools which doesn't follow logic, both are support equipment (AG) so what is the purpose of specifying Standard Tools as an ITY and omit Special Tools? Perhaps use HT for Standard Hand Tool and ST for Special Tool.
- Whilst the above may appear minor, these are all points that have instigated some level of Customer discussion and delay for interpretation of specifications.

Mark Willis (MW) (Pennant) advised that there are software tools check lists being established for the various S-Series specifications with S1000D, S2000M and S3000L almost complete and others under way.

May meeting Action 1 - MW accepted an action to feed the content of the slides into the various S-Series working groups.

Whilst on this topic, there was discussion about obtaining an understanding of the UK input into the various S-Series specifications. Effectively identifying the UK representatives from the MOD and industry who are involved with the development of each specification.

March meeting action 3 – With input from various WG members, JD established a spreadsheet identifying UK personnel involved in development of the S-Series specifications, related standards and committees/working groups. This is copied below.

Name	Org.	Standards & Specifications										Committees & Working Groups														
		ALP10Sx000i	1000D	2000M	3000L	4000P	5000F	6000T	SSG	PSSG	SVC	PS	Counc	PS	DiG	STOG	WG	SSSTOG	WG	TrnSTOG	WG	PETWG	DM&E	W	Bike	WG
TD-Info		X							X	X																
BAE Systems																										
Rolls Royce																										
Airbus									X																	
Rolls Royce									X																	
Rolls Royce			X						X																	
TFD Europe			X				X																			
Pennant			X												X		X				X					
MDD		X	X																							
CDS DS			X																							
Babcock			X																					X		
MDD			X																							
Rolls Royce			X																							
MDD		X																								
Rolls-Royce							X																			
MDD							X																			
CDSDS							X																			
MDD							X																			
FlightAwareCollins										X																
TD-Info										X																
Aquila Learning										X																
Rolls Royce										X																
MDD -left the group										X																
CDSDS										X																
Aquila Learning										X																
Thales										X																
Thales										X																
TFD Europe										X																
CDSDS										X																
Rolls-Royce										X																
MDD										X																
BAE Systems							X																			

Note: Names not shown for GDPR purposes

During the meeting there were some inputs to further develop the detail in the spreadsheet. There was also an action on JD to interact with James Irwin-Brown (JI-B) to capture BMT involvement in these activities.

May meeting action 2 – JD to interact with JI-B and record BMT involvement in the spreadsheet.

March meeting action 4 – With input from various WG members, JD established the mapping slide below.

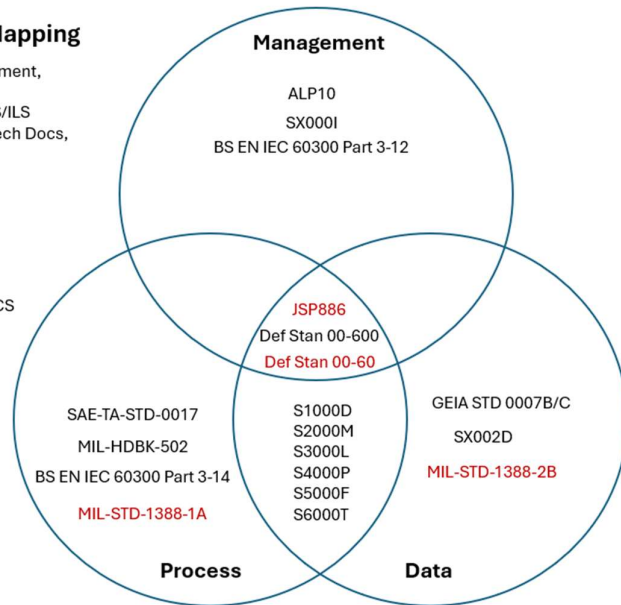
IPS/ILS Specifications and Standards Mapping

Note: This mapping is primarily focused on IPS/ILS Management, the IPS S-Series and PSA/LSA process and data.
It has not addressed a wide range of other standards for IPS/ILS Elements, R&M, safety, etc. Such as the US standards for Tech Docs, Training, Supply Support, Facilities, etc.

Other Related Documents / Standards

PAS280 Framework
ISO 55000 Asset Management
ISO 10303 STEP Application Protocols including AP 239 PLCS

Key:
Red Text indicates obsolete standards which are being used currently



The scope and structure of the slide was discussed.

There was some related discussion about the S-Series glossary and different issues being available from different sources. MW advised he would investigate.

Phil Williams (PW) mentioned the potential of adding the MOD Support Solutions Envelope (SSE) to the mapping. It was pointed out that whilst this is a part of the MOD ILS/IPS 'toolkit' it is a guide rather than a standard. There is an opportunity however to add other artefacts such as this to the map.

This included input from Allan Goody (AG) (TD-Info) referencing similar work done by Pierre-Michael Delamotte of MBDA.

May meeting action 3 – JD to interact with Pierre-Michael Delamotte to obtain his standards mapping diagram.

Phil Williams

Other meeting participants

Updates

Phil Williams (PW) provided an update from the IPS Council meeting week of 4th May of which the minutes will be available in due course and placed on the WG website page.

The upcoming IPS User Forums were identified, with the next one taking place in Washington (Boeing in Arlington hosting the first 2 days) in September 2026. Abstracts for presentations are required by the end of May.

Subsequently, the plan for the 2027 European forum is either Sweden or Turkey to host. PW requested input from the WG members as to the preference of Sweden or Turkey.

May meeting action 4 – JD to communicate the PW request to the WG members.

A Japan User Forum is also planned for late 2027 with the focus on Global Combat Air Programme (GCAP).

There was a discussion about IPS training and the training forum. This included SX000i training and an approach to the implementation of IPS for different types of programmes.

PW discussed personnel changes in Brussels and advised there are posting opportunities for IPS Subject Matter Experts (SMEs) to help with S-Series activities.

There was a discussion about the Rail sector showing interest in the S-Series. This discussion included input from various meeting attendees with JI-B and Michael Horncastle (MH) (Arcadis) advising of their experience. As PW will be meeting with Rail sector personnel soon, he requested a call to be arranged so this experience could be shared with him prior to his meeting.

May meeting action 5 – PW to arrange a Rail Sector call with JI-B and MS.

MW provided an update for the activities he is involved with which included SX000i and the Customer Support Services and Training Operational Group (CSSTOG). He advised on work to establish guidance on PBL/contracting for support which is focused on GCAP and will be added to SX000i in the future.

MW also advised on the development of software tools checklists for vendors to use when developing these tools.

MW also raised the Training Advisory Group and there was some discussion about the need for and approach for IPS training.

The next agenda item was case studies. This was a topic raised by PW between the March and May meetings.

Case studies for S-Series implementation



- There has been discussion outside of the working group environment about the possibility of establishing case studies of UK S-Series specifications implementations
- This is to demonstrate 'shortfalls' in scope or data formats and how these have been addressed in real projects so it can be clearly demonstrated what these shortfalls are and how they might be addressed by ASD
- This is especially relevant to 3000L, 4000P, 5000F and 6000T

The gist of this is to identify project applications of the various specifications identifying the positives and negatives from these experiences. These will then be used to demonstrate progress with the use of the specifications. CRs slides on page 2 and 3 above provide the types of input for a case study.

May meeting action 6 – JD to communicate with the WG to request any case studies.

There was a discussion about obtaining a copy of ALP10 which several people were struggling with.

May meeting action 7 – MW to provide a copy of ALP10 to JD who will place on the website page.

The next agenda item was the range of WG activities.

WG Activities Discussion



Standards and Specifications identified at the January meeting.

- S-Series suite of specifications and ALP10
- Long Term Archive and Retrieval (LOTAR)
- Standards for the Exchange of Product Model Data (STEP) including Product Lifecycle Support (PLCS).
- Def Stan 05-10 (Product Definition Information)
- Standards related to Institute for Systems Engineering (IfSE), especially ISO15288.
- Other topics, Block Chain and export controls.

Related to the rail sector discussion and standards, MH raised the topic of Model Based Systems Engineering (MBSE) and related standards. JD shared the image below to help address the range of

standards within the ASD domain. PW advised the 'Engineering' standards were addressed by the Strategic Standards Group (SSG). MH advised he would like to find out more about this topic and PW took an action to obtain access to the ASD website for MH.

May meeting action 8 – PW to link up MH with Gareth Walsh of ASD to obtain access to the ASD website.



Source: ASD Website 1st April 2026

Actions, Next Steps and AOB

The meeting concluded with identification of next steps (actions listed below) and AOB.

AOB from PW was more publicity for the WG with an aim of increasing the numbers of people involved. This included a suggestion to promote the WG with ADS and Tech UK.

May meeting action 9 – JS to investigate promotion of WG with ADS and Tech UK.

Next Meeting

Mid July, specific date is to be advised.

Summary of Meeting Actions

- 1 - MW accepted an action to feed the content of the slides into the various S-Series working groups.**
- 2 – JD to interact with JI-B and record BMT involvement in the spreadsheet.**
- 3 – JD to interact with Pierre-Michael Delamotte to obtain his standards mapping diagram.**
- 4 – JD to communicate the PW request to the WG members.**
- 5 – PW to arrange a Rail Sector call with JI-B and MS.**



6 – JD to communicate with the WG to request any case studies.

7 – MW to provide a copy of ALP10 to JD who will place on the website page.

8 – PW to link up MH with Gareth Walsh of ASD to obtain access to the ASD website.

9 – JS to investigate promotion of WG with ADS and Tech UK.