

S1000D User Forum Update



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3 June 2005



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Events

- **S1000D US User Forum**
- **AIA/DoD Workshop (AIA Conference)**
- **Technical Publication Specification Management Group**
- **Electronic Publications Working Group**



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S1000D US User Forum

16-18 May 2005



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S1000D US User Forum

- **250 attendees**
- **Education Focus**



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- **Information Sessions**
- **Discussion Groups**
- **Working Group Meetings**



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Presentations

- **Keynotes**
 - Howard Perkins (UK MoD)
 - Tim Tate (ADL)
 - Lisa Hollenbeck



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Presentation Topics

- **Usage**
- **Graphics & Multimedia**
- **Interactive Data**
- **Diagnostics**
- **Case Studies**
- **Product Demonstrations**
- **SCORM**



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S1000D usage World Wide

- **Detailed usage of S1000D**
- **Projects & platforms using S1000D**



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Multimedia & Graphics

- **3D Graphics**
- **WebCGM 2.0**
- **Scalable Vector Graphics**



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Interactive Data & Diagnostics

- **Process Data Module**
- **Support for variable references**
- **Vendor Implementation**
- **Fault Tree Support**
- **Allows capture of fault codes**
- **US Army Project - Remote Diagnostics of Equipment**



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Case Studies

- **Royal Navy**

- Conversion of all legacy data
- Lessons learnt: Systems to manage data required, clear use plan prior to commencement

- **UK Army**

- Electronic Technical Documents - PDF
- Configuration Status Account Pilot Project
 - Outcomes: allows delegation of task to lower level personnel, automate data capture and reporting, improved availability data for commanders



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Product Demonstrations/ Case Studies

- **Corenna**
- **Innodata Isogen**
- **PBM Associate**
- **Raytheon**



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SCORM

- **SCORM = Shareable Content Object Reference Model**
- **Use of Data Modules to construct training courses**
 - procedures
 - descriptions
 - checklists



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Discussion Groups

- **S1000D in Acquisition**
- **S1000D and PLCS**
- **Business Rules**



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S1000D in Acquisition

- **Required inclusions**
- **Project Team Questions**
- **Pricing**
- **Data Duplication**



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S1000D in Acquisition

- **What are the steps required?**
 - Decide who is to provide the information?
 - Do they understand S1000D?
 - What is the support philosophy?
 - Where is the information required?
 - What is already available? (60% of information usually exists already)
 - What information is to be generated? (the last 40%)
 - Where is the information coming from? (engineering, spares)
 - Is the information likely to be used elsewhere?
 - How much information will be generated in-house? How to integrate in+ out-house information?



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S1000D and PLCS

- **PLCS = Product Lifecycle Support**
- **Practical implementation of CALS philosophy**
- **UK driven logistics framework**
- **ISO 10303**
- **S1000D is a data exchange format**
- **Similar to JP 2077**



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Business Rules

- **Each project requires a set**
- **Business rules are usually defined under 3 types**
 - core
 - environment specific
 - project specific
- **US Business Rules WG**



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AIA Spring 2005 Product Support Conference

9-11 May 2005

***Logistics transformation – A
Systems Approach for Moving
from Concepts to Capabilities***



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Agenda

- **Developing Business Case Analysis**
- **Keynote Address**
 - How Industry will Support the Logistics Transformation
- **Achieving Focused Logistics**
- **Performance Based Logistics Progress: Outcomes & Enablers**
- **SE Challenges & Logistics Integration Challenges**
- **DoD Keynote Address**
 - Aviation Logistics Transformation: How partnerships can save money with better support
- **Supply Chain Management Panel**
- **Jointness – Interoperability & Interdependence**



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**Aerospace Industries
Association/US Dept Defence
Joint Services Workshop**

12-13 May 2005

***Electronic Technical Manuals –
From Concept to Reality***



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Agenda

- **Executive Plenary Panel**
 - Mr. Jerry Beck – Office of the Asst. Deputy Under Secretary of Defence
 - Mr. John Lawless – Head of Policy & Advice, UK MoD DLA
 - Ms. Lissa Hollenbeck – VP of Product Support, Boeing
- **S1000D Update to Issue 2.2**
- **Public Private Partnering - Roundtable**
- **Electronic Pubs from the users view**
- **Dealing with Legacy Data**
- **Making Electronic Pubs Work**
- **ATA Overview**
- **S1000D Joint US Support Project**
- **Global S1000D Report**



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Technical Publication Specification Management Group

**Executive Meeting
19-20 May 2005**



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Agenda

- **ATA signed up**
- **Rapid Change Process/Standard Change Process**
- **Review of organisation**
- **Future release schedule**
- **Web site**
- **Upcoming events**
- **Australian Actions**



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ATA

- **MOU almost agreed - legal technicalities, work already underway**
- **ATA have nominated a co-Chair to TPMSG**
- **Civil Aviation Working Group formed - met for first time in Clearwater**



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Change Process

- **Rapid Change Process:**
 - Covers corrections to specification requiring immediate attention
- **Standard Change Process**
 - White papers to be prepared initially detailing:
 - Issue that requires change
 - Effects of change
 - Possible solutions
 - CPFs will be raised after consideration of white paper



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Review of Organisation

- **TPSMG unwieldy - 50+ voting members**
- **Executive growing - 24 members**
- **Additional bodies becoming involved - ATA, ADL, AIDN**
- **New Structure**
 - streamlined
 - efficient



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Future Release Schedule

- **Industry concern**
 - frequency of releases -> delays in product update delivery
- **Change to schedule**
 - Currently: Annual
 - Proposed: Every 2 years
 - Supported by Rapid Change Process



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Web site

- **Refresh of design**

- improved delivery of updates
- new USSMG website (<https://ussmg.btas.com>) - possible move to share single web site internationally (based on MS Sharepoint)

- **White papers/CPFs**

- moved from members area to public area



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Future Events

- **Europe 2005 - Munich**

- October 4: TPSMG Executive Meeting
- October 5-7: User Forum
- October 8 & 10: EPWG

- **US 2006 - Clearwater**

- May 30-June 2: User Forum
- June 5-6: TPSMG Executive
- June ?? EPWG

Also includes AIA/DoD Joint Services Workshop and
ADL/SCORM Conference



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Future Events

- **Format Change**

- Morning Sessions:
 - Presentations
- Afternoon Sessions:
 - Discussion Groups
 - Working Group Meetings



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Australian Actions

- **Industry Rep - pursue possibility of MOU between AIDN and TPSMG**
 - would give AIDN representative co-Chair position on TPSMG Executive
- **proposed addition of Australia to International calendar**
 - first Asia-Pacific event
 - possible dates: Jan/Feb 2007
 - includes User Forum, TPSMG Executive meeting, ADL/SCORM Conference, international working group meetings (EPWG, APWG, CAWG, etc)



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Electronic Publications Working Group Meeting

10-11 May 2005



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- S1000D Readability
- Generic Interfaces
- Multimedia
- Graphics
- Hydraulic/Pneumatic etc schematics



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- Process DM Enhancements
- Diagnostics
- Effectivity-Applicability-Change
- SGML
- XML Schemas



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Electronic Publications Working Group

- Rapid Action Change (RAC) to S1000D
- Implementation Guide

- Other Business
- Next Meeting: Munich, October 2005



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Summary



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Key Issues

- **Expansion of S1000D use into non-military applications**
- **Alignment of S1000D with:**
 - lifecycle management
 - training
- **Specification Direction**



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Resources

- **Official S1000D website**
 - www.s1000d.org
- **UK MoD website**
 - www.ams.mod.uk
- **USSMG website**
 - <https://ussmg.btas.com>
- **ASMG website**
 - www.defdoc.com



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Questions?

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