ASD SSG meeting N°33

held on the 21-22 November 2018 at Airbus, Toulouse

11 participants, from BAE Systems plc, Rolls Royce, TDI, Airbus, Airbus DS, Airbus Space, Boost, AFNeT.

Summary

During the meeting, the participants went through the following agenda:

1. Introduction, SSG organisation and communication
2. Updates of SSG website since last meeting:
   - Newsletter finalised and published
   - "Harmonisation of QIF and STEP" statement validated and published
   - Welcome page: highlight AP242 Day presentations
   - SSG documents: link to 10 presentations added (incl. presentations made during AFNeT standardisation days by SSG members)
   - Related documents: links to AFNeT Standardisation Days, GPDIS 2018 and AP242 Day added.
3. Collaboration with AIA: Howard Mason provided a status of AIA Business Technology Interoperability Committee (BTIC). The next AIA-ASD collaboration call is planned the **30th of January 2019**, 3.30 PM to 6.30 PM CET.
4. Relationship with ASD-STAN: Jean-Yves Delaunay provided a status of ASD STAN Domain 7 "Digital Products" and links with ASD SSG works.
5. ECSS standardisation: Christophe Ducamp presented the ECSS standardisation system
6. Progress of Supported activities (transversal)
   - 2.2. ISO/TC 184/SC 4 status (Howard).
     Several NWI submitted for STEP Extended Architecture (Parts 15, 16, 17)
   - 2.3. LOTAR (Jean-Yves)
5. SSG WG updates :
   - 5.1. Systems Engineering: MoSSEC Committee Draft approved by ISO in June 2018.
   - 5.2 ILS update: S4000P Issue 2 released, AP239 ed3: progress on harmonization work, need to plan a future work on mapping the AIA-ASD ILS Specifications to ISO AP239 ed3.
   - 5.3 PLM WG update: Report on STEP AP242, Report on PDM-IF and CAx6IF, 3D visualisation
   - 5.4 Manufacturing WG: status provided by Steven Carter. More manufacturing members expected to join the working group.
   - 5.5 Supply Chain: work on the Design Reference in a Purchase Order (PO) mechanism.
6. SSG Radar Chart: the next updated will include new component standards (UAF, Spec 2000, Spec 2300) plus several updates.

Actions decided during the meeting are related to the preparation of the next collaboration call with AIA (planned 30 January 2019), update of SSG Radar and SSG website.

ASD SSG meeting N°32
held on the 11-12 July 2018 at ASD, Brussels

15 participants from AFNeT, Airbus, Airbus DS, ASD-STAN, BAE Systems, Boost Interational, Dassault Aviation, EDA, HeMe, Rools Royce, TDI

Summary

The meeting was an opportunity to share progress on the several inanities and projects supported by ASD SSG. The main themes developed or questions discussed during the meeting include:

- *Report of the last AFNeT Standardisation Days, 17-18 May 2018, where several SSG members participated and where SSG approach was presented and discussed. Presentations made include:*
  - Model-Based Enterprise (MBE) & Model-based Manufacturing (MBM) standards : AP209, AP242, AP238, QIF, Step Extended Architecture - Jean Brangé
  - Status of use of STEP AP242 ed1 for PDM and 3D MBD interop, new capabilities of AP242 edition 2 - Jean-Yves Delaunay
  - Presentation of ISO TC 184/SC 4/WG 16: "formats for visualization" - Christophe Mouton
  - STEP Geometry Services - Jean Brangé
  - Overview of STEP AP209 for multi disciplinary analysis interoperability and associated CAE Implementer Forum - Jean-Marc Crepel
  - Electrical wiring harness interoperability: functionalites of AP242 ed2; preparation of the STEP 'electrical' Implementer Forum - Sophie Hérail
  - Needs & approaches of interoperability standards for MBSE - Dr. Joerg Wirtz
  - PLCS, a strategic enabler for Enterprise Through Life-cycle interoperability -Yves Baudier
  - ILS standards initiatives - Franck Ramaroson
  - ASD-AIA ILS specifications - Phil Williams
  - PLCS and the S-series - Yves Baudier
- *Updates of the SSG public website*
- *Finalisation of the SSG Newsletter, to be published before end of July.*
- *Collaboration with AIA on Data Interoperability Standards. The minutes of the last collaboration call are finalised and are to be published ASAP on SSG website.The need of a* common 5 year roadmap of requirements to drive product data standards priorities is highlighted.
- *The status of ANSI QIF V3 harvesting in ISO/TC 184/SC 4 was discussed. AN ASD statement is proposed to avoid duplication of ISO standards for the same scope – to be published on SSG website.*
- *EDA contribution to SSG is welcome. Two main actions are identified: 1) participation of SSG to EDSTAR Expert Group 13 "Life Cycle Project Management", with the objective to ensure consistency of the next deliverable of this Expert Group with SSG recommendations, and 2) Support from EDA to identify a funding framework for SSG-initiated projects (e.g. future project to develop the mappings between the ILS Specifications and ISO AP239 ed3).*

ASD SSG meeting N°31

held on the 23-24 January 2018 at ASD, Brussels

16 participants from AFNeT, Airbus, Airbus DS, ASD-STAN, BAE Systems, Boost Interational, Dassault Aviation, EDA, HeMe, Leonardo, Rools Royce, TDI

Summary

The participants shared the status of the on-going projects and initiatives, including the status of SSG WG activities.

12 actions have been decided, related to:
- o *Update of SSG website (including the CAx-IF page)*
- o *Investigation to identify additional resources in support to the ISO AP239 ed3 project.*
- o *Publication of the SSG statement in support to ISO AP239 ed3 project.*
- o *Finalisation of the SSG recommendation in regard to the Technical Data Package edition to be specified in a Purchase Order.*
- o *Consistency of the several activities related to MBSE interoperability (at PDES, Inc., LOTAR, AIA, ASD and A&D PLM AG)*
- o *Support of EDA for future standardisation projects.*
- o *Organisation of the next collaboration call on Data interoperability with AIA.*
- o *Development of Business requirements for STEP and AP242 5-year roadmap*