What will be in Issue 4.1

Mr. Paul Haslam – S1000D Steering Committee
Ms. Kim Willmott - EPWG
Top “5” changes that went into S1000D Issue 4.1

What it is
What it does
What we did
Number 5
All those “alts”
All those “alts”

• Provides for alternate content (an internal “container”)

• Harmonized with Common Information Repository (<zoneAlt> in <zoneRepository>)
Number 4
Service Bulletin
Service Bulletin – Prior to Issue 4.1

• Prior to 4.1 Service Bulletins were created by:
  – Using descriptive data modules to capture the content
  – Using publication modules to reference the descriptive data modules to create the Service Bulletin Publication
Service Bulletin – Issue 4.1

• Dedicated schema for service bulletin
• All branches necessary to create a service bulletin
Number 3
Illustrated Parts Data
Illustrated Parts Data (IPD)

• Restructured to mirror the part segment of the Common Information Repository (CIR)
  – Harmonized the element names and structures between the part repository and the IPD
  – Regrouped items in a logical fashion
• Modified schema so it can be used by non-S2000M projects without impacting S2000M projects
  – Removed incompatibilities and mandatory requirements for S2000M specific data that other industries do not have
  – Enhanced IPD structures to support Civil Aviation and other industries that do not have S2000M projects
Illustrated Parts Data (IPD)

• Other impacts
  – A general cleanup of the S1000D Schemas caused some changes to the IPD and parts repository
  – Some element names changed to more accurately reflect the contents

5/23/2012
Illustrated Parts Data (IPD)

• Results
  – Does not disrupt S2000M projects
  – Remains consistent with the other S1000D Schemas
  – Enhances the Part CIR
  – Allows exchange of data elements for parts when using the IPD without the Part CIR
Number 2
Common Information Repository (CIR) and Incremental Update
CIR data modules have a dedicated schema: comrep.xsd
Each CIR data module can have an introductory text (CPF 2009-045US)
New consistent approach on associated illustrations and multimedia files.
There is one CIR data module per CIR type (with dedicated Information code).

3 new CIR types are introduced for 4.1:
- Externalized applicability annotations
- Warnings
- Cautions
Incremental Update

• Goals
  – Avoid data redundancy
  – Avoid exchanging data that has not changed since previous release

• Only impacts common information repository

• Rules
  – Each fragment must not have sequential relationship with the rest of the DM (schema constraint)
  – Each fragment must have an identifier that is persistent over the time
Incremental Update

- New schema introduced (update)
Incremental Update

This schema consists of a list of updated elements, sorted by class of update. There are a content with four branches:

- New fragments to be inserted
- Revised fragments to be replaced
- Deleted fragments to be deleted
- Old fragments to be reinstated
Number 1
Front Matter
Front Matter

• Prior to 4.1
  – Descript data modules
  – Publication modules

• After 4.1
  – Standardized in CSDB
  – Dedicated schema for front matter consisting of:
    • Metadata section
    • Content section
Front Matter

• Three major components
  – Title page
  – Table of contents
  – Front matter lists
    • List of effective pages
    • List of effective data modules
    • Highlights
Questions

Kim Willmott
EPWG Vice-Chair
Pentecom, LLC
willmott@pentecom.com
(888) 773-9067 x7481

Paul Haslam
PPWG Chair
O’Neil & Associates
phaslam@oneil.com
(937) 865-0846 ext. 3633