Author S1000D to the ASD S1000D v4.x Schema’s in Adobe FrameMaker 12

Classroom Duration: 3 Day
Virtual Duration: 6 x 2 hour

Chapter 1  Author the Identification and Status Section

- Identification Section
- Data Module Address
  - Data Module Code (DMC)
  - Technical Name
  - Ifoname
- Status Section
  - Security classification
  - Responsible partner company
  - Originator
  - Applicability cross-reference table reference
  - Applicability
  - Business rules reference
  - Quality assurance

Chapter 2  Authoring Common Data Module Elements

- Data Module Common Elements
- References
  - To be presented in the reference table - Element <refs>
  - Element <dmRef>
  - Element <externalPubRef>
  - In-line use of element <dmRef> and element <externalPubRef>
- Warnings, Cautions and Notes
  - Warnings
  - Cautions
  - Notes
  - General
  - Elements
- Paragraphs
  - Indexes (O)
  - Emphasis (O)
  - Symbol (O)
  - Subscript (O)
  - Superscript (O)
  - Acronyms (O)
  - Footnotes (O)
  - Verbatim (O)
  - Paragraph significant data (O)
  - Quantity data (O)
  - Functional item number (O)
Chapter 3  Common Information Repositories

- Benefits of CIR
- Insertion of CIR into content

Chapter 4  Authoring a Descriptive Data Module

- Required DTD and Schema information
  - XML modular schema instances
  - XML flat schema instances
- Descriptive information
  - DTD basic rules
  - References
  - Headings
  - Titles
  - Special paragraphs
  - Use of warnings and cautions

Chapter 5  Authoring a Procedural Data Module

- Required DTD and Schema information
  - XML modular schema instances
  - XML flat schema instances
- Procedural
  - References
- Preliminary requirements
- Production management data (O)
  - Threshold interval
  - Zone
  - Access point
  - Product required conditions
  - Maintenance task duration
  - Required conditions (M)
  - Required conditions - simple actions/conditions
  - Required conditions - referenced data module
  - Required conditions - circuit breaker list
  - Required conditions - referenced technical publication
- Required persons (O)
  - Category
  - Skill level
• Trade/trade code
• Estimated time
• Support equipment
  • Name of the support equipment element
  • Identification
• Catalog sequence number - CSN
• NATO stock number - NSN
• Identification number
• Tool reference
  • Quantity
  • Remarks
• Supplies (M)
• Spares (M)
• Safety (M)
• Steps
• Paragraphs
• Warnings, cautions and notes
• Close-up requirements

Chapter 6  Authoring a Crew Data Module
• Required DTD and Schema information
  • XML modular schema instances
  • XML flat schema instances
• Crew/Operator information
  • General information
  • Land/Sea Product description for the Crew/Operator
  • Crew/Operator operation information
  • Crew/Operator sequential operation information
  • Crew/Operator fault detection, isolation and resolution information
  • International, national and regulatory scheduled check information

Chapter 7  Common Information Repository - Optional Exercises
• Required DTD and Schema information
  • XML modular schema instances
  • XML flat schema instances
• CIR information
  • Functional Items
  • Parts
  • Supplies
  • Supplies, requirement
  • Tools