Quality Issues

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Areas for Discussion

"What we are hearing" and "What you are experiencing"

- Mark Quality – Ref MIL-STD 130N
- Registration Process – System Issues
- IUID Data Quality – Submission Requirements and Data Submission Instructions

Mark Quality

- ## Validation of the Content

<u>Formats:</u>

ATA: Text Element Identifiers (TEIs)

[)>^R_S12^G_SMFR 0CVA5^G_SSER 674A36458$^R_S$$^E_O_T$

GS1: Application Identifiers (AIs)

[)>^R_S05^G_S800406141411A0B9C3D6$^R_S$$^E_O_T$

MH 10.8.2: Data Identifiers (DIs)

[)>^R_S06^G_S17V0CVA5^G_S1P1234^G_SS786950$^R_S$$^E_O_T$

- ## Symbol Quality
  - ISO 15415 - labels
  - AIM DPM Guide (ISO Standard in the works)
  - AS 9132

Mark Quality

- Mark Content
  - No Syntax
  - Invalid Data Set
  - Mark with NO encoded data
- Symbol Quality
  - Hard to Read
    - Surface Issues
    - Symbol Orientation
  - Poor Quality
    - Inappropriate Method for Application
    - Bad Symbol

Bottom Line: FACT or FICTION? and Way Ahead

Registration Process

- Original Equipment Manufacturers
  - Contract Requirement
  - Registration NOT Accomplished Prior to Acceptance
  - GFE and GFM Not Marked or Registered

- Legacy Marking
  - Hampered by "Lack of" or "Unwilling" Design Authority (marking method issue)
  - Data Submission Difficulties
    - Lack of System Interface Agreement/Capability
    - Legacy Systems Issues
      - Data standards used
      - Field Lengths/Types
    - Data Submission Instructions/Methods Not Sufficient

Bottom Line: FACT or FICTION? and Way Ahead

IUID Data Quality

- Data in Existing Systems
  - Dirty Data
  - Doesn't Fulfill IUID Requirements
- Data Submitted
  - Incomplete
  - Inaccurate
  - Inappropriate Usage (e.g. used innate serialization on legacy)

Bottom Line: FACT or FICTION? and Way Ahead