MARS – Middleware And Related Services

- **Highlights from this Meeting:**
  - Reviewed initial submission Space Telecommunication Interface for SDRs
  - Joint meeting with BC PSIG
    - Reviewed 3 responses to Blockchain Ecosystem RFI
    - Reviewed first draft Linked Encryption Streams (LETS) RFP
    - Reviewed DIDO Reference Architecture 2.0 Discussion Paper
    - Reviewed DIDO Data Model, a component of DIDO Reference Implementation
  - Extended DDS-TSN Integration to 25 May 2020 (June meeting)
  - Extended response deadline Cyber Insurance RFI to 25 May 2020 (June meeting)
  - Corrected process dates affected by the shift of the June meeting by one week
    - DDS C# API and REST for CORBA API: initial submission and voting list deadlines (25 May & 15 June)
    - TCP/IP PSM for DDS Interoperability and STI for SDRs: revised submission deadlines (25 May)
  - IDL, SNC, IEF WGs met.
    - IDL WG: Working on IDL4 to C++ RFC and issues for for IDL4 to Java and C# FTFs.
• **Deliverables from this Meeting:**
  – Technology Adoption Recommendation(s)
    • None
  – RFP/RFI/RFC Recommendation(s)
    • None
  – TF Documents Issued
    • None

• **Future Deliverables (In-Process):**
  – Technology Adoptions
    • DDS-TSN: revised submission, 25 May 2020
    • IEF Policy Based Packaging Service (IEPPS): revised submission, 17 August 2020
    • TCP/IP PSM for DDS Interoperability: revised joint submission, 25 May 2020
    • REST for CORBA: initial submission 25 May 2020
    • STI for Software Defined Radios (SDRs): revised submission, 25 May 2020
• Future Deliverables (In-Process) continued:
  – RFP/RFI/RFC Recommendations
    • IOTA Tangle RFC (issue in Burlingame?)
    • Event Handler RFP (draft in Burlingame)
    • Linked Encryption Transaction Streams (LETS) RFP (issue in Orlando?)
    • IDL4 to C++ Mapping RFC (issue in Burlingame?)

• Liaisons
  – None
• Agenda Items for the Next Meeting
  – DDS-TSN RFP: review revised submission, Adopt?
  – STI for SDRs RFP: review revised submission, Adopt?
  – Cyber Insurance RFI: review responses
  – IDL to C++ RFC: review draft
  – IEF Ecosystem of Interoperability Discussion Paper: review draft
  – Practical Guide to Data Governance in the Cloud Discussion Paper: review draft
  – Joint with BC PSIG:
    • IOTA Tangle RFC: review draft
    • Linked Encrypted Transaction Streams (LETS) RFP: review draft, Issue?
    • DIDO RA v2.0: review, approve to publish?
    • DIDO Test Environment: presentation and demo
    • DIDO Reference Implementation: demo
  – Continue collaboration with BC PSIG, Cloud Working Group, FACE Consortium
  – WGs to meet: IDL, IEF, SNC, CORBA