MARS – Middleware And Related Services

• Highlights from this Meeting:
  – IDL4 to Java Mapping: Progress report, extended to Amsterdam to accommodate CORBA
    • Presentation on CORBA extensions
  – IEPPS: Extended to Long Beach
  – PG to Cloud Deployment Technologies: reviewed and issued discussion paper
  – Joint meetings with FDTF
    • Blockchain Node RFC/RFP
    • Ternary Data Encoding RFC/RFP
  – Tactical Microgrid Standard (TMS) presentation, insight on DDS requirements
  – CORBA 3.4 RTF status update
  – FACE Consortium presentation regarding opportunities for collaboration
  – Space SDR RFP initial requirements
  – THALES response to MARTE 2.0 RFI
  – Presentation on DIDO RA test environment
• **Deliverables from this Meeting:**
  – Technology Adoption Recommendation(s)
    • None
  – RFP/RFI/RFC Recommendation(s)
    • None
  – TF Documents Issued
    • PG to Cloud Deployment Technologies Discussion Paper

• **Future Deliverables (In-Process):**
  – Technology Adoptions
    • DDS-TSN integration initial submission, 20 May 2019
    • DDS to JSON Syntax Mapping: Revised submission 20 May 2019
    • IDL4 to Java Language Mapping: Revised submission 20 May 2019
    • IDL4 to C# Mapping: Initial submission 20 May 2019
    • IEF Policy Based Packaging Service (IEPPS): Revised submission 11 Nov 2019
    • TCP/IP PSM for DDS Interoperability: Revised joint submission, 20 May 2019
  – RFP/RFI/RFC Recommendations
    • None

• **Liaisons**
  – None
• Agenda Items for the Next Meeting
  – DDS-TSN integration: review initial submission
  – IDL4 to C# Mapping: review initial submission
  – DDS to JSON Syntax Mapping: review revised submission
  – IDL4 to Java Language Mapping: review revised submission, and adopt?
  – TCP/IP PSM for DDS Interoperability: review revised joint submission, and adopt?
  – Space SDR RFP: present draft and issue?
  – STRS RFC: present and issue?
  – “RESTful CORBA” RFP: present early draft
  – Joint with FDTF:
    • Ternary encoding RFC/RFP: present and issue?
    • Blockchain Node RFC/RFP: present and issue?
    • DIDO RA Ecosystem discussion: lay groundwork for future RFP
  – CWG Discussion papers “PG to Cloud Governance” and “Cloud Service Agreements: What to expect and what to negotiate?”: review and issue?
  – Continue collaboration with Finance, BC PSIG, Data Governance, FACE Consortium
  – WGs to meet: IDL, IEF, SNC