MARS – Middleware And Related Services

- **Highlights from this Meeting:**
  - DDS-XRCE: Reviewed revised submissions. Evaluation team final report out. Voted to recommend adoption of single submission
  - OPC-UA/DDS Gateway: Reviewed revised submission and voted to recommend adoption
  - TCP/IP PSM for DDS – Reviewed initial submissions, extended revised submission date to Ottawa
  - DDS to JSON Mapping: Reviewed and voted to recommend issuance of RFP
  - DIDO Networks Reference Architecture (RA): Met jointly (↔) with Finance DTF; reviewed Discussion Paper
  - Recasting IDL 4.2 for ISO: Reviewed draft PAS explanatory report
  - MARTE 2.0: Learned about requirements gathering process and plans for potential RFI
• **Deliverables from this Meeting:**
  – Technology Adoption Recommendation(s)
    • DDS-XRCE
    • OPC-UA/DDS Gateway
  – RFP/RFI/RFC Recommendation(s)
    • DDS to JavaScript Object Notation (JSON) Mapping RFP
  – TF Documents Issued
    • None

• **Future Deliverables (In-Process):**
  – Technology Adoptions
    • TCP/IP PSM for DDS Interoperability: Revised submission 27 August 2018
    • IDL4 to Java Language Mapping: Initial submission 27 August 2018
    • IEF Policy Based Packaging Service (IEPPS): Initial submission 27 August 2018
    • DDS to JSON Mapping: Initial submission 12 November 2018
  – RFP/RFI/RFC Recommendations
    • None

• **Liaisons**
  – None
• Agenda Items for the Next Meeting:
  – TCP/IP PSM for DDS Interoperability: Review submission(s) progress
  – IDL 4.2 to ISO: Approve & submit PAS explanatory report to liaison committee
  – DIDO Reference Architecture: Follow-up activities TBD
  – Secure Network Communications (SNC) RFI: Review responses
  – Nominations and vote for co-chair(s)
  – WGs to meet: IDL, IEF, SBC/SDR