# MARS – Middleware And Related Services

- **Highlights from this Meeting:**
  - DDS-Time Sensitive Networking (TSN) Integration – reviewed RFP; recommended for issuance
  - TCP/IP PSM for DDS – progress report; on target for Seattle
  - IDL4 to Java Mapping – reviewed initial submission
  - IDL4 to C# Mapping – reviewed initial Draft RFP
  - IEPPS – process schedule housekeeping; set exact revised submission date
  - NASA's Space Telecoms Radio System (STRS) Architecture Standard; based on and extension of Software Communications Architecture (SCA) – future RFC
  - REST for CORBA Presentation and Demonstration  – potential new process
  - Discussions about potential new processes

**OBJECT MANAGEMENT GROUP** ®

- **Deliverables from this Meeting:**
  - Technology Adoption Recommendation(s)
    - None
  - RFP/RFI/RFC Recommendation(s)
    - DDS-TSN Integration RFP
  - TF Documents Issued
    - None
- **Future Deliverables (In-Process):**
  - Technology Adoptions
    - TCP/IP PSM for DDS Interoperability: Revised joint submission 12 November 2018
    - IDL4 to Java Language Mapping: Revised submission 12 November 2018
    - IEF Policy Based Packaging Service (IEPPS): Initial submission 12 November 2018
    - DDS to JSON Syntax Mapping: Initial submission 12 November 2018
  - RFP/RFI/RFC Recommendations
    - None
- **Liaisons**
  - None

**OBJECT MANAGEMENT GROUP** ®

- **Agenda Items for the Next Meeting:**
  - TCP/IP PSM for DDS Interoperability: Review revised submission
  - IDL4 to Java Language Mapping: Review revised submission
  - IEF Policy Based Packaging Service (IEPPS): Review initial submission
  - DDS to JSON Syntax Mapping: Review initial submission
  - IDL4 to C# Mapping RFP: Review and issue?
  - STRSA RFC: present progress or completed RFC, issue?
  - Discussions about potential new processes:
    - IDL4 mapping to Java with CORBA constructs
    - IDL4 to C++ mapping with backward compatibility with CORBA IDL
    - REST/JSON for CORBA
  - DIDO Reference Architecture: Follow-up activities TBD
  - Presentation by Cloud WG on future discussion papers
  - Presentation on ManTIS SENSR RFP
  - Joint mtng with Finance
  - WGs to meet: IDL, IEF, SNC