**MP&S WG Web-Ex – Minuts Of Meeting**

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| Meeting Date | 06/08/2019 |  | Ref | MP&S WG Web-Ex 2019\_08 MoM |
| Meeting Place | Telecon |  | Chairman | M. Sarkarati  |
| Minute’s Date | 06/08/2019 |  | Participants | WG Members |
| Subject | CCSDS MPS WG Telecon 2019\_08 MoM |  | Copy | AD/Deputy AD |

**Agenda:**

* Review of Actions
* Work on the MP&S Information Model and Services
* AOB

**Review of Actions**

| **ID** | **Action** | **Actionee** | **Due Date** | **Status** | **Comment** |
| --- | --- | --- | --- | --- | --- |
| 170816-1 | Update and refine the UML diagram of the MP&S data model  | RT |  | On-going | Update done but this is an ongoing action |
| 181204-02 | Refine the concept of feedback and status update for * Planning Request
* Plan
* Activities
* Event
* Resources

Where do the operations go for getting this feedback | RT | 08/01/2019 | Closed |  |
| 12/04/2019 | Add specific execution control operations to Plan Execution Control Service (e.g. Sart/Stop/Pause/…) | RT | Next meeting | Closed |  |
| 12/04/2019 | Draft Agenda for the Spring Meeting | MS | Next meeting | Closed |  |
| 190409-01 | Prepare a presentation on PUS OBQM service and how it compares in terms of operations with Plan Execution Service | OP | Spring Meeting | Closed |  |
| 190409-02 | Assess how to solve the modelling of the Event and Resource COM objects (two approaches were discussed). Possibly by merging the Event and Event Group into one object and on the Resource side by providing a mapping table not in the model but in the BB in table format to capture the “relates to” field for each COM object unambiguously  | RT | Spring Meeting | Closed |  |
| 190806-1 | GB to look into XPATH and make a proposal on how to model standard time expressions and Object Reference expirations  | GB | Fall Meeting | Open |  |
| 190806-2 | MS to organise a short meeting between SM&C (SC) and MP&S WG to discuss how best to model the ID of objects (using only a Long as Object Instance Identifier) as compared to the Object Key (instance ID and Domain) | MS | Fall Meeting | Open |  |
| 190806-3 | MS to circulate the draft abstract of MP&S for SpaceOps2020 | MS | 12.08.2019 | Open |  |

Actions were reviewed and status updated.

**Work on the MP&S Information Model and the Services**

RT presented the outcome of discussions with SC (SM&C) on the following four topics:

* Polymorphism in Resource Definitions and COM Object Types
* Identity in MAL Messages: Use of Object ID, Object Key or Long
* Support for Polymorphism in MAL
* Representation of Expressions

See attached presentation.

OP Presented the concepts of the Time-Based Queue Management in PUS. It was agreed to go through the presentation in detail during the fall meetings.

**AOB**

SpaceOps Paper: MS will circulate a draft (see action 190806\_3) to be co-authored by the WG.

Meeting schedule for Fall meetings. MS will check with the SM&C if MP&S WG would pause on Wednesday to allow RT to attend to System Architecture WG and other members of MP&S WG to attend the SM&C WG meetings.