**CCSDS Engineering Steering Group (CESG)**

**Fall 2015 Meeting: Friday, 13th November 2015**

**ESA/ESOC, K112, Darmstadt, Germany**

|  |  |
| --- | --- |
| 08:00 | 1. Welcome, opening remarks, roll call, agenda review
 |
| 08:10 | 1. Area highlights from the past week

**SLS Area**1. USLP data link approach and alignment with C&S WG achieved
2. Impact on SLE wrt updated TM/TC/AOS and Security is OK
3. USLP and future compatibility with SLE Services has to be assessed in detailed in the future
4. SLS Extended Procedures interoperability to be tested using cloud services: Security WG will request funding from CCSDS for cloud service ($500 total for 6 months) to conduct testing.
5. Near Earth Scenario for High Data rate BB did not achieve consensus, but the WG is making effort to achieve consensus for the Cleveland Meeting. Question of whether Orange Books will be created because of difficulties in reaching consensus is not resolved. A single Blue Book with a single specification would be preferable to two differente Orange Books.
6. Concern over the increase in bureaucratic work.

**SOIS Area**1. App WG has issues with availability of staff on committed resources
2. Deterministic BOF: agreement is to do first a GB and define a Draft Project as a potential BB (to be confirmed in the future if 1 or different BBs or different MBs)
	* It is recommended that Prime manufacturers (US and Europe) are invited to the future WG
3. Mrss Ramon Krosley and a member from CAST are the SOIS candidates for the SEA SAWG

**SIS Area**1. CFDP Interoperability tests with ESA are facing some issues (code bugs and deltas to be implemented)
2. Bundle Security Prototype 2 is still missing (2 or 3 mm, because it is not started from scratch)
3. SCPS Protocol 5 year review Project (if update is necessary) to be included in DTN WG
4. CESG approved unanimously Kiyohisa Suzuki (JAXA) as DTN new WG deputy chair ..

**CSS Area**1. MD-CSTS will be 6 months later than the IOAG need date
2. Functional Resources Technical Note to be distributed for review by other Areas

**MOIMS Area**1. DEDSL XML Project to be converted from BB to OB because only one agency supports the work. YB need to be discussed later.
2. CESG approved unanimously David Giarretta as DAI new WG chair (Poll conducted in meeting)
3. Many books are now being worked in parallel within NAV WG as a consequence of earlier CDM dedicated focus
4. Many “standards tourists” are coming to meetings but few are actually contributing
5. SM&C approach for 2nd prototype was accepted.
6. Roger Thompson is the MOIMS candidate for the SEA SAWG
7. Severe increase of bureaucracy added within a resource constraint environment

**SEA Area**1. SEA SEC WG has decided to have a silent vote within the WG to select 1 out of the 2 Deputy Chair candidates
2. CESG agreed to send out the draft Spacecraft ID (SCID) “frequency bin” proposal (PS proposal) to CESG / CMC requesting an analysis on the impact on Ground Systems Ops Action PS
 |
| 11:10 | 1. **Summarize and prioritize top issues from 2 above**

GeneralWhen changing a Project from BB to MB there is no flag / mail raised !!! NP to contact Brian OliverIssues1. Few participants actually contributing.
2. More participants increase the host cost.
3. Severe increase of bureaucracy added within a resource constrained environment
4. Suggestion to advertise within student community to produce prototypes
 |
| 11:30 | 1. **IOAG – CCSDS ICPA**

See presentation charts |
| 12:00 | 1. **WG Chair / Deputy Chair updates to the Proc & Org YB**

CESG deemed unnecessary to add new procedures to the Org&Procs book for WG Chair / Deputy Chair nominations. Common sense has to be used (as it has been in the past).CESG agreed that Org&Procs and Publications Manual will be modified to state that Orange Books will include an annex documenting prototyping activities (i.e. a section addressing the demonstration of all options and features of the specification in an operationally relevant environment, either real or simulated. ) Action TG: To propose a YB updatePolls conducted in meeting:* Appointment of Kiyohisa Suzuki/JAXA as Deputy Chair of Delay Tolerant Networking Working Group
* Appointment of Chair and Deputy Chairs for MOIMS Working Groups
	+ Mehran Sarkarati/ESA as Chair of Mission Planning and Scheduling Working Group
	+ Steve Chien/NASA as Deputy Chair of Mission Planning and Scheduling Working Group
	+ Sam Cooper/ESA as Deputy Chair of Spacecraft Monitoring and Control Working Group, replacing Mehran Sarkarati
 |
|  |  |
| 13:3015:0015:3016:0016:15 | 1. **CMC comments to on-line strategic plan, approved/draft projects + CESG pending comments**

See presentation1. **Resources for projects starting in 2016, including Project description**

See presentation1. **Russian Proposal on safety and collision**

See presentation to CMC1. **SANA registries**

CESG reviewed the Plans. SEA will send the three docs out for review within a month (SANA YB mods, new SANA Registry Management Policy, and SANA registry “cookbook” for WG chairs). ADs have been asked to review their potential registry candidates and communicate them to the SSG. EB will produce an assessment of Projects within CSS Area to assess and document the impact of the policy on the CSS Projects and to provide this to the other ADs.1. **CESG Polls with open conditions (if any)**
* SAWG Creation, discussed and forward plan agreed by CESG
* Sub-network WG Creation, agreed, but open issue about planned document category, BB or MB
* NAV PRM for Agency review
1. **Document Editor Queue**

Document queue reviewed |