CESG Chair: Klaus-Juergen Schulz, Margherita di Giulio (transitioning)
CESG Deputy Chair: Wallace Tai, Timothy Pham (proposed)
SEA Chair: Peter Shames
SLS Chair: Gian Paolo Calzolari
SLS Deputy Chair: Gilles Moury
SLS-C&S Chair: Andrea Modenini (proposed)
SLS-C&S Deputy Chair: Kenneth Andrews
SLS-C&S WG Members: Victor Sank, Shannon Rodriguez

As encouraged by CMC in Dec 2020 the above persons met on 11 Feb and 11 Mar 2021 via video conference to discuss the way forward with 3 blue and 2 orange books under development by the SLS-C&S WG related to the coding and synchronisation schemes for high rate uplinks and cross links (i.e. space to space links). The history is not recalled here. The following consensus was reached.

Record of Consensus:

In order to facilitate an expedited conclusion on coding and synchronisation schemes for high rate uplinks and cross links the SLS-C&S WG is guided to apply systematically a “liberal” approach, i.e. without consideration of applicability (Earth<->Space links, Cross links) and directionality (Space-to-Earth-links, Earth-to-Space-links, forward-cross-links, return-cross-links). This is intended to provide interoperable coding and synchronisation recommended standards for the high rate AOS and USLP link layer protocols for the designers of future space missions, as well as experimental specifications. It will remain for the engineers of specific missions to choose which recommendations to follow for their particular mission profile and application.

Based on the above consensus the following was agreed:

1. CCSDS 131.3-P-1.1, CCSDS Space Link Protocols over ETSI DVB-S2 Standard (Pink Sheets, Issue 1.1); will be released for CCSDS Agency review, in this review process the “liberal” approach will be followed
2. CCSDS 131.0-B-3, TM Synchronisation and Channel Coding; will be updated following the “liberal” approach and then submitted to CESG+CMC Polls to start Agency Review
3. CCSDS 131.2-B-1, Flexible Advanced Coding and Modulation Scheme for High Rate Telemetry Applications; will be updated following the “liberal” approach and then submitted to CESG+CMC Polls to start Agency Review
4. CCSDS 131.21-O-1, SCCC Extension (SCCC-X) (Orange Book, Issue 1) will be revised following the “liberal” approach and then submitted to CMC Poll for publication
5. CCSDS 131.31-O-1, CCSDS Space Link Protocols over ETSI DVB-S2X Standard (Orange Book, Issue 1) already following the “liberal” approach will be submitted to CMC Poll for publication