

- i. [ESA-10] As for the SLS, it is recommended that all Area Goals be given a short name in order to provide an intuitive meaning and be able to refer to them in a meaningful way (a proposal is provided at the end of this document, AD should feel free to propose other names)
- 2. SLS-Goal 1 Bi-directional Transmission – RF and Modulation schemes ? (Enrico to comment)
- 3. SLS-Goal 2 Coding and Synchronization schemes
- 4. SLS-Goal 3 Space Data Link Protocols
- 5. SLS-Goal 4 Data Compression
- 6. SLS-Goal 5 Space data Link Security - Capital D for Data
- 7. SLS-Goal 6 Optical Communications

SLS Area (ditto SEA Area)

- 1. On-line Strategic Plan
 - a. Comments to Area Objectives and Technical strategic Goals
 - b. Comments on Published Informational Reports and Experimental Specifications (i.e. GB / OB)
 - i. [CNES-SLS-01] Goal2: why a completion date only for next generation uplink ? Typo – Remove “Milestone ID: MIL-SLS-201 Completion Date: 2014”.
 - ii. [CNES-SLS-01] Goal3: what happened with the AOS GB (700G3) ? Indeed we shall add “CCSDS 700.0-G-3 Advanced Orbiting Systems, Networks and Data Links: Summary of Concept, Rationale and Performance. Green Book. Issue 3. November 1992.” despite this book is rather dated.
 - c. Comments on Published Recommended Standards / Practices (i.e. BB/MB)
 - i. [CNES-SLS-01] Goal1: is TC Synch and channel coding (231) part of this goal (Modulations)? Indeed this books refers to goals 1 and 2 and then we shall add goal 1 as this book also defines various Carrier Modulation Modes (CMMs).
 - d. Comments on Informational Reports in Production and Experimental Specifications (i.e. approved GB / OB Projects)
 - i. [CNES-SLS-01] Goal3: are there two GB planned for NGSDLP (700.1 and TBD)? Duplication: item “CWE Doc. TBD-G Next Generation Space Data Link Protocol Green Book” shall be removed.
 - ii. [CNES-SLS-01] Goal5: SDLS CONOPS is listed as BB and GB: is it a GB or BB or both? Gilles to reply.
 - e. Comments on Recommended Standards / Practices Currently in Production (i.e. approved BB / MB Projects)
 - i. [ESA-SLS-01] Goal 2: “CWE Doc. 231-.0-B TC Synchronisation and |Channel Coding:..” is being included in both Goal 1 and Goal 2 ongoing work. Pease explain the rationale. The main part of this book address Goal 2 but this book also defines various Carrier Modulation Modes (CMMs) pertaining to Goal 1.
 - f. Comments on Future Work (i.e. Draft Projects)
 - i. [CNES-SLS-01] Goal5: SDLS CONOPS is now listed as future work : is it in production or future ? Gilles to reply.

Including RFM, C&S, MHDC, SLP, SDLS AND OPT WGs

- a. Comments on Charter

- b. Comments on Approved Projects (the ones currently in the CWE Project section (View existing Project))

5.01 RF and Modulation Working Group

[DLR-SLS-01] 413.1 Simultaneous Transmission of GMSK Telemetry and PN Ranging, no actual completion date till Internal WG review - Final WB submitted to AD for further processing

5.02 Space Link Coding and Synchronization Working Group

4[DLR-SLS-02] 31.1 Variable Code and Modulation (VCM) Systems for CCSDS, no actual completion date till First Agency Review

[DLR-SLS-03] 131.0 Update TM channel coding Blue Book with LDPC slicing, no actual completion date till First Agency Review - RID Resolution

[DLR-SLS-04] 231.0 Next Generation Uplink Coding, no actual completion date till Secretariat Document Processing

[DLR-SLS-05] for 130.11 TM Channel Coding for SCCC, Green Book: outdated CMC approval date;

5.10 Optical Communications Working Group

[DLR-SLS-06] For 142.0 Optical Communications Coding & Synchronization Blue Book, actual completion dates till Internal WG Review - First draft comments due are missing, comments are outdated;

[DLR-SLS-07] For 141.0 Optical Communications Physical Layer Blue Book, comments are outdated;

[DLR-SLS-08] For 140.0 Optical Communications Concepts and Terminologies Green Book, comments are outdated;

[DLR-SLS-09] For 140.1 Real-Time Weather and Atmospheric Characterization Data Green Book, actual completion dates till Internal WG Review - Second draft circulated to WG are missing, comments are outdated;

- c. Comments on Draft Projects (the ones currently in the CWE Project section (View Draft Project))