

**CCSDS SLS-RFM WG MEETING**  
Darmstadt, Germany, 21-24 October 2019

**List of Input Papers (Issue 1.0, 08 October 2019)**

|                          | <b>Radio Frequency and Modulation: Paper Title</b>                                     | <b>Available/<br/>Distributed</b> | <b>Author</b>                                     |
|--------------------------|--|-----------------------------------|---|
| <b>SLS-RFM 19-XX</b>     |  |                                   |   |
| 12                       | Proposed Recommendation for DDOR PN Spread Spectrum Systems                            | Y/Y                               | C. Volk   |
| 13                       | Additional Frequency Channel Assignments for Proximity-1 Physical Layer Recommendation | Y/Y                               | D. Lee  |
| 14                       | Proposed Transponder Turnaround Ratio for 23.15-23.55 GHz and 27.0-27.5 GHz Bands      | Y/Y                               | D. Lee  |
| 15                       | Update of Deep Space Frequency Channels in Recommendation 3.1.6B                       | Y/Y                               | D. Lee  |
| 16                       | GMSK+PN Ranging for Uplink   | Y/Y                               | D. Lee  |
| 17                       | Flexible Transponder Turnaround Ratios for MSPA Revisited (Draft Rec. 2.6.13)          | Y/Y                               | D. Lee  |
| 18                       | RIDs of Agency Review of CCSDS 401.0-RP-29.1   | Y/Y                               | Chair and co-chair                                |
| 19                       | Ring ratios in VCM (AI 19-04)  | Y/Y                               | J. Hamkins  |
| 20                       | 22 GHz Uplink Modulations for High Rate Lunar Links                                    | Y/Y                               | M. Lanucara, A. Modenini, M. Martinez, G. Sessler |
| 21                       | Telemetry randomizer (HOMs and random OID)   | Y/Y                               | R. Garelo, F. Chiaraluce, M. Battaglioni          |
|                          |  |                                   |   |
| <b>SLS-C&amp;S 19-YY</b> | <b>C&amp;S WG papers for joint meeting</b>   |                                   |   |
|                          |  |                                   |   |
| 12                       | Draft Experimental Verification, CCSDS 131.20-O, SCCC Extension (SCCC-X)               | Y/Y                               | A. Modenini                                       |
| 13                       | JAXA DVB-S2X measurements for a high data-rate application by prototype transmitter    | Y/Y                               | M. Nakadai  |
| 14                       | Comments to channel model in SLS-CS 19-10  | Y/Y                               | A. Modenini                                       |