

The Consultative Committee for Space Data Systems

Space Link Services Area

Resolution SLS-R-2012-02-001

Proximity-1 Space Link Protocol

211.0-B-4 Data Link Layer + 211.1-B-3

Physical Layer + 211.2-B-1 Coding and

Synchronization Sublayer

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SLS-R-2012-02-001 (211.0+1+2)

✦ The Space Link services Area,

✦ **CONSIDERING** that

- ✧ the Space Link Protocols (SLP) WG performed the planned review and reached consensus on an updated version of CCSDS 211.0-B-4 “Proximity-1 Space Link Protocol— Data Link Layer” that includes several improvements and clarifications but no new feature
- ✧ the RF Modulation (RFM) WG performed the planned review and reached consensus on an updated version of CCSDS 211.1-B-3 “Proximity-1 Space Link Protocol— Physical Layer that includes several improvements and clarifications but no new feature

SLS Resolutions to CESG

- ✧ the Coding and Synchronization (C&S) WG performed the planned review and reached consensus on an updated version of CCSDS 211.2-B-1 “Proximity-1 Space Link Protocol—Coding and Synchronization Sublayer” that includes
 - Several improvements and clarifications
 - Addition of an option for Low-density Parity-check (LDPC Codes)

- ✧ the work of the 3 Working Groups accomplished better alignment and consistency of the books

SLS Resolutions to CESG

- ✦ **RESOLVES** to request CESG/CMC to approve the submission of Pink Sheets for Proximity-1 Space Link Protocol standards
 - 211.0-B-4 Data Link Layer
 - 211.1-B-3 Physical Layer
 - 211.2-B-1 Coding and Synchronization Sublayer to Agency Review

- ✦ **RECOMMENDS** that the CESG approve this resolution and, and finally

- ✦ **REQUESTS** that a CESG poll be conducted to accomplish this.

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