Space Link Services Area
System Engineering Area
Resolution SLS-SEA-R-2021-02-001
355.0-B 5-year review
SDLS Core Protocol pink sheets to be submitted to Agency Review

02 February 2021   v1.0

SLS-SEA-R-2021-02-001(355.0)

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✦ **The Space Link services Area and System Engineering Area,**

✦ **CONSIDERING** that

　◇ the Space Data Link Layer Security (SDLS) WG has reviewed 5 year after publication the SDLS Core Protocol BB (355.0-B-1)

　◇ the SDLS WG has updated this recommendation to introduce :

　　❖ USLP as the 4th Space Data Link protocol supported by SDLS,

　　❖ SDLS Extended Procedures (355.1-B-1) as recommended functions to provide Security Association and Key Management, Monitoring and Control of Security Unit

　　❖ increased key length to be used in baseline mode of SDLS

　　❖ minor corrections and precisions to remove ambiguities

　◇ the SDLS WG has consensus on requesting to start Agency Review for the resulting pink sheets

　◇ due to the nature of the changes no prototype is required

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SLS/SEA Resolutions to CESG

- ✦ **RESOLVES** to request CESG/CMC to approve the Agency Review of:
  - ➢ Space Data Link Security (SDLS) Core Protocol Pink Sheets to update 355.0-B-1
- ✦ **RECOMMENDS** that the CESG/CMC approves this resolution, and finally
- ✦ **REQUESTS** that a CESG/CMC poll be conducted to accomplish this.

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