

Space Link Services Area

Resolution SLS-R-2023-05-001

Publication of “Reed-Solomon Product Code for Optical Communication”

142.10 Orange Book

11th May 2023

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The Space Link services Area,

CONSIDERING that

- the Optical Communications (OPT) Working Group has an approved project titled “Reed-Solomon Product Code for Optical Communications – Orange Book”.
- JAXA produced a version of CCSDS 142.10-O in line with above project that has been exposed to the WG and completed successfully internal WG review.
- The WG kept a collaborative attitude on the preparation of the Orange Book (without implying consensus).

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- JAXA met all the requirements required for the production of an Experimental Specification.
- The OPT WG has consensus on requesting to submit the document to Publication.

- **RESOLVES** to request GESG & CMC to approve publication of “Reed-Solomon Product Code for Optical Communication” Orange Book Issue 1
- **RECOMMENDS** that CESG & CMC approve this resolution and, finally
- **REQUESTS** that CESG & CMC polls be conducted to accomplish this.