

Space Link Services Area

Resolution SLS-R-2017-05-008

Publication of “Image Data Compression” Blue Book Issue 2 of CCSDS-122.0-B and “Spectral Pre- Processing Transform for Multispectral and Hyperspectral Image Compression” CCSDS-122.1-B

23 May 2017

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The Space Link services Area,

CONSIDERING that the Multispectral and Hyperspectral Data Compression Working Group

- completed successfully the Agency Review of
 - Pink Sheets “Image Data Compression” of existing CCSDS-122.0-B-1, and

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- Red Book “Spectral Pre-Processing Transform for Multispectral and Hyperspectral Image Compression” for new CCSDS-122.1-B
- discussed all provided RIDs and dispositions were agreed by the WG
- identified draft blue books CCSDS-122.0-B-2 and CCSDS-122.1-B-1 representing the consensus of the WG
- produced an Interoperability Test Report, CCSDS-122.11-Y-1, for CCSDS-122.1-B-1 and the additional features introduced in CCSDS-122.0-B-2

CONSIDERING that

- no known patent issues exist
- Issue 2 of CCSDS-122.0-B is necessary to support the emerging CCSDS-122.1-B-1 “Spectral Preprocessing Transform for Multispectral and Hyperspectral Image Compression”

RESOLVES to request CESG/CMC to approve simultaneous Publication of

- CCSDS-122.0-B “Image Data Compression” Issue 2 and
- CCSDS-122.1-B-1 “Spectral Preprocessing Transform for Multispectral and Hyperspectral Image Compression”

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RECOMMENDS that CESG and CMC approve this resolution and, finally

REQUESTS that CESG and CMC polls be conducted to accomplish this.