

CCSDS Multispectral & Hyperspectral Data Compression Working Group
Fall 2016 Meeting Agenda – Rome, Italy
(Draft of October 6, 2016)

Oct 17 (MON) – AM (9:45–12:30) & PM (13:30–17:30)

- CCSDS-123.1-B: Extension of lossless CCSDS-123.0-B-1 to provide near-lossless compression of multispectral & hyperspectral imagery:
 - Discussion of Generalized Prediction Representatives and Context Modeling (MHDC-A-1604-5(b)(c)) – JPL
 - Signaling quantization stepsizes / rate control (MHDC-A-1604-5(d)) – ESA
 - Entropy coder review and selection (MHDC-A-1604-7, -8) – ALL
 - Review skeleton White Book (MHDC-A-1604-5). Establish plans to resolve remaining elements of CCSDS-123.1-B and produce Red Book. – ALL

Oct 18 (TUE) – AM (8:45–12:30) & PM (13:30–17:30)

- Continue discussion of CCSDS-123.1-B, as needed
- Pink Sheets for CCSDS-122.0-B-2, *Image Data Compression*:
 - Review and disposition of RIDs submitted from Agency Review (MHDC-A-1604-3) – ALL
- CCSDS-122.1-B, *Spectral Pre-processing Transform for Multispectral & Hyperspectral Image Compression*:
 - Status update of Red Book (MHDC-A-1604-2) – JPL
 - Cross-verification & Yellow Book status (MHDC-A-1604-1) – UAB, GSFC
 - Review draft Green Book CCSDS-120.3-G (MHDC-A-1604-4) – UAB

Oct 19 (WED) – AM (8:45–12:30)

- Continue discussion of CCSDS-122.1-B, as needed
- Review outstanding action items
- Wrap up, assign new action items