

CCSDS Multispectral & Hyperspectral Data Compression Working Group
Fall 2017 Meeting Agenda – The Hague, NETHERLANDS
(Draft of October 23, 2017)

Nov 9 (MON) – PM (13:30–17:30)

- CCSDS-120.3-G, *Spectral Pre-processing Transform for Multispectral & Hyperspectral Image Compression*:
 - Review latest draft Green Book (MHDC-A-1705-1, -2, -3) – UAB & ALL
 - Plans/timeline for final edits

Nov 10 (TUE) – AM (8:45–12:30) & PM (13:30–17:30)

- CCSDS-123.0-B-1, Lossless Multispectral & Hyperspectral Image Compression
 - Due for reconfirmation review. – ALL
- CCSDS-123.1-B: Extension of lossless CCSDS-123.0-B-1 to provide near-lossless compression of multispectral & hyperspectral imagery:
 - “Fast” prediction mode (MHDC-A-1705-5, -6) – ALL
 - Periodic error limit updates (rate control) (MHDC-A-1705-7) – PoliT
 - Block-adaptive code (MHDC-A-1705-8) – JPL & GSFC
 - Low-entropy code tables (MHDC-A-1705-9) – JPL & UAB
 - White Book review (MHDC-A-1705-10) – JPL & ALL
 - Cross-verification (MHDC-A-1705-11) – ALL

Nov 11 (WED) – AM (8:45–12:30) & PM (13:30–17:30)

- Compressing Spacecraft Housekeeping Telemetry (MHDC-A-1705-4) – Dave Evans / ESA
- Continue discussion of CCSDS-123.1-B, as needed
- Review outstanding action items
- Wrap up, assign new action items