

Multispectral & Hyperspectral Data Compression Working Group
October 2008 Meeting Agenda
(Draft as of October 6, 2008)

October 14 (TUE)

AM 08:00 – 12:00

- On look-up table methods for lossless hyperspectral image compression –Aaron Kiely, JPL
- Distributed source coding: update on lossless compression approach and hardware implementation – Enrico Magli, Politecnico di Torino / ESA
- Near-lossless compression – Aaron Kiely, JPL
- Lossless compression results on the CCSDS test images (including results from Torino/ESA, NOAA, and JPL) – Aaron Kiely, JPL

PM 13:00 – 17:00

- Discussion of test results and observations – Shen-En Qian, CSA
- Lossy compression results on the CCSDS test images (including results from CNES, CSA, and JPL) – Carole Thiebaut, CNES

October 15 (WED)

AM 08:00 – 12:00

- Recent Advances in Lossless Compression of Ultraspectral Sounder & Hyperspectral Imager Data – Bormin Huang, U. Wisconsin / NOAA
- Discuss selection criteria with respect to proposed algorithms – ALL

PM 13:00 – 17:00

- Select approach(es) for standardization, determine color of book(s), revise charter if necessary

October 16 (THU)

- Create action items

Following the WG charter, the main objective of the 2008 Fall meeting is to:

Select approach(es) for standardization, determine color of books, and revise charter if necessary

As a preview, main objectives for the next two WG meetings are:

- **January 2009:** Write White Book(s)
- **May 2009:** Write Red Book(s)