

MODIS sensor Working Group (MsWG) Summary

November 10, 2004

Attendance: Stuart Biggar, Vincent Chiang, Roger Drake, Gene Eplee, Bob Evans, Gerhard Meister, Vince Salomonson, Junqiang Sun, Gary Toller, Zhengming Wan, Jack Xiong

Scheduled Agenda

Item 1: L1B LUT delivery

- Aqua regular m1 V4.3.1.12 update sent to DAAC on Oct 29.
 - Terra collection 5 first LUTs set V5.0.0.0 sent to SDST on Nov 4.
 - Terra regular m1 V4.3.0.18 update sent to DAAC on Nov 10.
- VS) For collection 5, I would like to see the difference of the science products between collection 4 and 5. The reprocessing starts in January and the forward processing will be in July.
- GM) Gene has planned to process MODIS and SeaWiFS data with consistent algorithm probably starting in late December or January.
- JX) MCST will send the collection 5 LUTs to Bob (Miami).

Item 2: Instrument operations – Terra and Aqua MODIS are normal

Item 3: Terra SD m1 changed due to solar eclipse (Oct 14)

(See the PowerPoint file sent out on 10/22.)

Around the Table

Participant: Vince Salomonson – L1B error bars

VS) Bill Ridgeway was asking for L1B error bars.

Participant: Gerhard Meister – on Aqua data testing

GM) We tested Aqua data with new VF (vignetting function). The result looks reasonable.

VS) Are you still working on the polarization issue?

GM) Yes, we are comparing SeaWiFS and MODIS level 1 data. There have been about 11 simultaneous measurements in the past. They all happened at about MODIS pixel 200.

Participant: Roger Drake – Near field response measurements

RD) Near field response results have been provided by Jim Young for the central detector.

GM) I want the actual function how the coefficient is calculated. I received central detector (detector 5) data. And do you the result for other detectors?

RD) I can talk to Jim Young for the function but I believe the function/equation has already in the Mathcad spreadsheet. The actual analysis in the spreadsheet is for central channel only. We don't have that for the other detectors.

Participant: Stuart Biggar – Terra vicarious calibration/comparison

Participant: Bob Evans – Terra mission beyond 5 years

VS) Currently it's a 6-year mission as of fiscal 2005. There were discussions for 7-year (to 2006) but no money has been budgeted.

Next MsWG meeting scheduled on December 1, 2004