

Attendance: Bob Barnes, Vincent Chiang, Gene Eplee, Gerhard Meister, Nazmi Saleous, Vince Salomonson, Junqiang Sun, Gary Toller, Eric Vermote, Zhengming Wan, Jack Xiong

Scheduled Agenda

Item 1: L1B LUT delivery

- Terra regular m1 V4.3.0.18 update sent to DAAC on Nov 10.
- Terra collection 5 V5.0.0.0 sent to Miami on Nov 12.

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

Item 3: Terra Direct Broadcast missing data

- JX) It has been reported that there was about 4 hours of missing data from Terra DB last week that was related to S/C data synchronization problem, not MODIS.

Item 4: Terra SRCA anomaly

- JX) During one of the SRCA activity last week, one of the 10W lamps was turned off during the test. It happened that the IOT applied the script using the lamp#2, which was replaced by backup lamp #4 (*see MsWG minutes 5/5 and 5/19/2004*). We will look into the data and may reschedule another test using the correct lamp.

Around the Table

Participant: Bob Barnes, et al. – Open discussion on the update of the solar irradiance (E_{sun}) for MODIS

Participant: Jack Xiong – Aqua out-of-band RSR

- JX) MCST has the OOB RSR for Terra, but not for Aqua officially. It has been an issue for VIIRS on the impact of the OOB response. We would like to come up with the final OOB response combined with in-band response.
- VS) How do you verify the results?
- JX) The different normalization methods and factors will have different results. I am going to SBRS next week for VIIRS Earthshine meeting and NCST setup meeting, I will find a chance to talk to Jim Young about our approach on the RSR. Once he and the Ocean group agree with our results, we will put it on the web for the users.

Participant: Gerhard Meister – on Vignetting Function testing and MODIS/SeaWiFS comparison

- VS) What is the latest comparison result between the MODIS and SeaWiFS?
- GM) From the latest results, the nLw of Aqua and SeaWiFS agree to within 5% (with Aqua generally lower) after the new cloud mask is applied. However, they match very well before the cloud mask. The south hemisphere agreement is different than the north.

Participant: Eric Vermote – on Land's activities

- EV) We are working on two issues; one is the polarization test, and the other is de-stripping performance. We found out the polarization angle from MCST is different from the Ocean group.

- JX) This is due to different reference angle of the polarization characterization.
- JS) The users may use different reference angle when they apply the polarization factor.
- EV) I suggest to put the reference on the web so the users can understand the definition of the angle and the polarization sensitivity characterization.
- JX) We can gather all the information and put it on the web.

Participant: Vince Salomonson – Next Science Meeting

- VS) The next MODIS Science Meeting probably will be in March. There will be another Ocean workshop as well.

Next MsWG meeting scheduled on December 15, 2004