

PACE Science Definition Team (SDT) Meeting . 14-16 March 2012

Crystal Gateway Marriott . 1700 Jefferson Davis Highway . Arlington, VA 22202-3505

Wednesday, 14 March 2012

- 9:00-9:15 Welcome and Logistics - Carlos Del Castillo/JHU-APL
- 9:15-9:30 PACE Mission Update - Paula Bontempi/NASA HQ
- 9:30-10:00 PACE Budget Update - Betsy Edwards/NASA HQ
- 10:00-10:30 Lessons Learned from GEOCAPE - Antonio Mannino/NASA GSFC
- 10:30-11:00 Break**
- 11:00-11:30 Plenary session - Discuss status of actions from the first meeting - Carlos Del Castillo and Steve Platnick
Objective: Inform the result of actions and discuss if any are pending.
- 11:30-12:00 Plenary session - Discuss status of the SDT report - Del Castillo and Platnick
Objective: Revisit the status of each draft section and how we are following the proposed schedule.
- 12:00-1:00 Lunch (on your own)**
- 1:00-2:30 Plenary session - Open discussion with the PACE Engineering Team - Betsy Edwards and the Engineering Team (ET)
Objectives: a) Introduce the Engineering Team, b) discuss requested engineering studies; and c) exchange information between SDT and ET.
- 2:30-3:30 Plenary session - Status of atmospheric correction studies
Objectives: a) Discuss results from studies; b) discuss pending actions; c) discuss status of the report.
- 3:30-4:00 Break**
- 4:00-5:00 Divide into Oceans and Atmosphere groups - Each discipline group to break into workshop-style subgroups by report section (chapter).
Objectives: Review status of the chapter in terms of topics and science traceability. Oceans and Atmosphere Team cal/val status and discussion.

Documents:

- Platnick - AtmosphereTeam (.pdf)
- Frouin - PACE_SensitivityStudies (.pdf)
- Massie - Atmospheric Contributions to PACE Observations (.pdf)
- Kahn - Aerosols (.ppt)
- Wang - Dust Correction (.ppt)
- Diner - PACE_Nonaerosol Effects (.ppt)
- Wesenberg - Engineering Team (.ppt)
- Marshak - CloudTopDiscussion (.pdf)
- Latnick - A-band retrievals of cloud height: a brief overview (.pdf)
- McNaughton - Section54Summary (.ppt)
- Boss - PACE_Bands_v2 (.xls)
- Behrenfeld - OceanMeasReqs_v9c (.doc)

5:00

Adjourn for the day

Thursday, 15 March 2012

- 9:00- Plenary session - Del Castillo and Platnick Objective: Discuss and organize the day's activities.
9:15
- 9:15- Breakout sessions by disciplines
10:30 *Objectives: Subgroups from each discipline continue work on individual chapters. Oceans group - Discuss sections 2.2 and 3.2 Atmosphere group - Overview/discussion of aerosol- (Section 2.3) and cloud- (Section 2.4) retrieval capability, and OES Measurement Requirements.*
- 10:30- Break**
11:00
- 11:30- Breakout sessions by discipline
12:00 *Objective: Subgroups from each discipline continue work on individual chapters.*
- 12:00- Lunch (on your own)**
1:30
- 1:30- Breakout sessions by discipline continue.
3:30 *Objectives: a) Each subgroup (chapter lead) briefs their respective disciplines on the status of their sections; b) general discussion: Review for completeness of topics and science traceability. Atmosphere group - Cloud-top property-retrieval capability with OES and 3MI (Section 2.4).*
- 3:30- Break**
4:00
- 4:00- Plenary session - Status of the report - Del Castillo and Platnick
5:00 *Objectives: Report on the status of disciplines to the SDT and NASA HQ.*
- 5:00 Adjourn for the day**

Friday - 16 March 2012

- 9:00- Plenary session - Review the status of the report with respect to proposed schedule - Del Castillo and Platnick
9:30 *Objective: Share information and discussion.*
- 9:30- Plenary session - General discussion
10:30 *Objectives: Discuss pending issues*
- 10:30- Break
11:00
- 11:30- Plenary Session - General discussion
12:00 *Objectives: Formalize actions, assign leading roles for actions.*
- 12:00 Adjourn**