

SMAP Science Team Meeting #1
Jet Propulsion Laboratory, Pasadena, CA
Room 167-151
November 19-21, 2013

Tuesday November 19, 2013

Introductions and Objectives

08:30-08:35 Meeting Opening (S. Yueh)
08:35-08:40 Welcoming Remarks (C. Elachi)
08:40-09:00 Meeting Objectives (D. Entekhabi)

Mission Status

09:00-09:20 Project Status (K. Kellogg and S. Thurman)
09:20-09:50 Instrument Update (C. Chen)

09:50-10:10 **Break**

10:10-10:30 Mission Systems Update (B. Jai)
10:30-10:50 SDS Update (J. Cruz)

ST Calendar and Roles/Responsibilities

10:50-11:10 Science Calendar and Project Science Deliverables (S. Yueh)
11:10-11:40 ST Roles and Leadership Roles (J. Entin)
11:40-12:00 Discussion (All)

12:00-13:00 **Lunch**

Cal/Val: Workshop #4 and Cal/Val Rehearsal Phase 1 Lessons-Learned

13:00-13:30 Cal/Val Plan (M. Spencer)
13:30-14:00 Cal/Val Workshop #4 Outcomes (T. Jackson)
14:00-14:10 PALS Status 2013 through 2016 (S. Yueh)
14:10-14:40 Cal/Val Phase 1 Lessons-Learned and Phase 2 Plans (A. Colliander)

14:40-15:00 **Break**

15:00-15:30 SDS Plans Cal/Val Rehearsal Phase 2 (J. Cruz)
15:30-16:00 Cal/Val Rehearsal Phases 1 & 2 Discussion (All)

16:00 **Tour of SMAP System Integration and Test (Spacecraft Assembly Facility) (All)**

Wednesday November 20, 2013

Cal/Val: Ground-Based and Airborne Campaigns and Satellite Data

08:30-08:50 SMAPVEX12 Data and Calibration Status (T. Jackson)
08:50-09:10 AirMOSS (M. Moghaddam)
09:10-09:30 SMAPEX Australia Status and Future Campaigns (J. Walker)
09:30-09:50 COMRAD Calibrated Data Inventory and Future Plans (P. O'Neill and S. Kim)
09:50-10:10 SMOS Retrievals (Y. Kerr and T. Jackson)
10:10-10:30 Aquarius Retrievals (T. Jackson and R. Bindlish)

10:30-10:50 **Break**

Algorithms and Data Products

1. Algorithm Review Comments and Responses
2. Option Algorithms and Testing Updates
3. Error Budget Table Current Version and Update
4. Threshold Values for Product Flags
5. New Elements in ATBD and Delivery 5
6. Cal/Val Phase 2 Participation Plans

10:50-11:20 L1 Radiometer (E. Kim)
11:20-11:50 L1 Radar (R. West)
11:50-12:00 L1 Products Discussion (All)

12:00-13:00 **Lunch**

13:00-13:30 L2 Soil Moisture Passive (S. Chan and P. O'Neill)
13:30-14:00 L2 Soil Moisture Active-Passive (N. Das and D. Entekhabi)
14:00-14:30 L2 Soil Moisture Active (S. Kim and J. van Zyl)
14:30-15:00 L3 Freeze/Thaw (S. Dunbar and K. McDonald)

15:00-15:20 **Break**

15:20-15:50 L4 Soil Moisture (R. Reichle)
15:50-16:20 L4 Carbon (J. Kimball)

16:20 Adjourn

19:00 **Social Dinner at Caltech Athenaeum**

Thursday November 21, 2013

Flags Across Data Products

08:30-08:50 L1 to L2/3 Common Flags and Ancillary Data (S. Dunbar)

Definition and Charge to Task Groups

08:50-09:10 TG1: F/T Landscape Components Measurements in Product Cal/Val
09:10-09:30 TG2: Diagnoses and Intercomparison of tau-omega Parameters in L2 to L4 Products
09:30-09:50 TG3: Ancillary Data L1 to L4: Updates and Applicable Harmonization
09:50-10:10 TG4: Products Flags: Refinement and Applicable Harmonization

10:10-10:30 **Break**

10:30-11:00 DAAC Plans and Activities (NSIDC and ASF)

11:00-11:10 DAAC Discussion (All)

Applications and Applied Science

11:10-11:30 Early Adopter Activities and Feedbacks (S. Moran)

11:30-11:50 Priority Application User 2013 Engagements (M. Brown, V. Escobar)

SMAP Handbook

11:50-12:00 SMAP Handbook Outline and Schedule (D. Entekhabi)

12:00-13:00 **Lunch**

Education and Public Outreach

13:00-13:10 SMAP-GLOBE (D. Entekhabi and B. Campbell)

13:10-13:20 EPO Discussion (All)

JPL 2014 Earth Missions Outreach and SMAP

13:20-13:40 Earth 2014 Outreach Plans (S. Callery)

13:40-13:50 Earth 2014 Outreach Discussion (All)

Action Items

13:50-14:00 Meeting Action Items (D. Entekhabi)

14:00 **Adjourn**