

SMAP Science Team Meeting #2
Jet Propulsion Laboratory, Pasadena, CA
Room 321-B20
June 3-5, 2014

Tuesday June 3, 2014

Introductions and Objectives

08:30-08:45 Meeting Opening (S. Yueh)
08:45-09:00 Meeting Objectives (D. Entekhabi)
09:00-09:15 HQ Perspective (J. Entin)

Mission Status

09:15-09:45 Project Status (K. Kellogg)
09:45-10:00 Mission Systems Update (B. Jai)

10:00-10:20 **Break**

Data Distribution and Browse/Discovery

10:20-10:40 NSIDC DAAC (A. Leon)
10:40-10:50 ASF DAAC (S. Arko)
10:50-11:10 SDS Update; OASIS (J. Cruz)
11:10-11:40 SMAP Browse Capability, GIBS and SDS Image Files (M. Cechini)
11:40-12:00 Discussion (All)

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

Cal/Val

13:00-13:20 Cal/Val Plan and Rehearsal Phase 2 for L1 Products (M. Spencer)
13:20-13:40 Cal/Val Phase 2 for L2-L4 Products (T. Jackson)
13:40-13:50 SDS in Cal/Val Rehearsal Phase 2 (J. Cruz)
13:50-14:00 Post-Launch SMAPVEX (S. Yueh)
14:00-14:15 2015 Field Activities at Core Cal/Val Sites (J. Entin)
14:15-14:30 Cal/Val Rehearsal Phase 2 Discussion and Action-Items (All)

14:30-14:50 **Break**

ST Roles

14:50-14:55 ST Proposed Projects: Introduction (D. Entekhabi)
14:55-16:25 ST Quad-Charts (ST)
16:25-16:45 ST Proposed Projects Discussion and Action-Items (All)

16:45 **Tour of SMAP System Integration and Test (Spacecraft Assembly Facility) (All)**

Wednesday June 4, 2014

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

08:30-08:50 SMAPVEX12 L2_SM_AP Results (N. Das)
08:50-09:10 SMAPVEX12 L2_SM_A Results (S. Kim)
09:10-09:20 AirMOSS Campaigns (M. Moghaddam)
09:20-09:40 SMAPEX Australia Status and Future Campaigns (J. Walker)
09:40-10:00 SMOS Retrievals, Algorithms Updates and Validation (Y. Kerr)
10:00-10:20 Aquarius Retrievals (T. Jackson and R. Bindlish)

10:20-10:40 **Break**

Algorithms and Data Products

1. Updates to Algorithms and Algorithm Parameters
2. Updates to ATBDs and Ancillary Data Reports Prior to Launch
3. Post-Launch Updates of Parameters and Thresholds Plans
4. Criteria for Beta Release of Products

10:40-11:00 L1 Radiometer (J. Piepmeier)
11:00-11:20 L1 Radar (R. West)
11:20-11:40 L1 Products Discussion (All)
11:40-12:00 L3 Freeze/Thaw (S. Dunbar and C. Derksen)

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

13:00-13:20 L2 Soil Moisture Passive (S. Chan and P. O'Neill)
13:20-13:40 L2 Soil Moisture Active-Passive (N. Das and D. Entekhabi)
13:40-14:00 L2 Soil Moisture Active (S. Kim and J. van Zyl)
14:00-14:20 L4 Soil Moisture (R. Reichle)
14:20-14:40 L4 Carbon (J. Kimball)
14:40-15:00 L2-L4 Algorithms Discussion and Action-Items (All)

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

Applications and Applied Science

15:20-15:40 SMAP Applications Workshop #3 and Early Adopters (V. Escobar and N. Das)
15:40-16:00 Post-Launch Applications and Working Group: Plans and Goals (V. Escobar and N. Das)
16:00-16:20 SMAP Applications Plan Discussion (All)

SMAP Handbook

16:20-16:30 SMAP Handbook and SMAP Brochure (E. Njoku and D. Entekhabi)

16:30 **Adjourn**

19:00 **Casual Social Dinner at Rath al Fresco (Caltech Athenaeum)**

Thursday June 5, 2014

Flags Across Data Products

- 08:30-08:40** L1 to L2/3 Common Flags and Ancillary Data (S. Dunbar)
08:40-09:00 Static Flags at Core Cal/Val Sites and Their Impacts on Cal/Val (A. Colliander)

Definition and Charge to Task Groups

- 09:00-09:20** TG1: F/T Flags and Thresholds Update During Cal/Val Phase (C. Derksen)
09:20-09:40 TG2: tau-omega model Parameters Update (P. O'Neill)
09:40-10:00 TG3: Dynamic Water Bodies Flag and Thresholds (J. van Zyl)
10:00-10:20 TG4: RFI Algorithms Parameters (J. Johnson)
10:20-10:40 Task-Groups Reorientation and New Groups (All)

10:40-11:00 **Break**

Education and Public Outreach

- 11:00-11:10** SMAP and GLOBE Program (B. Campbell, N. Das, E. Njoku, D. Entekhabi)
11:10-11:20 GLOBE Program Office Perspective (D. Butler)
11:20-11:30 Revised Soil Moisture Protocols (N. Das, E. Podest)
11:30-11:45 New SMAP Web Page (S. Callery)
11:45-12:00 Earth 2014 Outreach Plans (S. Callery)

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

Launch Site Events

- 13:00-13:30** Launch Site Activities (K. Lievense)

Media and Press Releases

- 13:30-13:45** Calendar and Timeline (S. Yueh)
13:45-14:00 Prepared Media Stories and Leads (D. Entekhabi)
14:00-14:15 Media and Public Affairs Office (A. Buis)
14:15-14:30 Discussion (All)

14:30-14:50 **Break**

Action Items

- 14:50-15:10** Meeting Action Items (D. Entekhabi)

15:10 **Adjourn**