ESPO Team Tag Up Agenda – 05/14/19

Attendees:

ARC**: QA, BB,** DC**, TC, EC, (KD), DJ, (EJ),** BL, (SM),SN**, AP, VS, AS, KS, DT, MV**, BW**, JZ**

TDY: DC, BL, SM (ORACLES), SN, BW (CAMP2Ex)

1. Intro (MV)
   * Meet me: 1-844-467-6272 (200767#)
   * WEBEX: Password: 1230
   * Identify who is taking notes
   * MV detail over June 2. MV on vacation June 3-7.
2. Computers/IT (BB, DC, KD, AP)
   * Laptop list/inventory/missing
   * Check minutes
   * ESD Pubs
   * ARC-ESPO calendar
   * Email test
3. Logistics (QA, BW, DT, TC)
4. Manpower planning (MV)
   * EVS3 manpower / Deployments 2020
   * Tag ups with MV (send an outlook) Missing JZ, DJ, KD, BW, AP, DT, TC
   * Katja will focus on instrument db May and June; questions to Brad. Available Wednesday mornings 9-12
5. Share info:
   * Training:
     1. APPEL/Vital Smarts (appel.nasa.gov)
     2. All vs all bounce back
     3. Jury duty
   * Tools:
     1. Calendar - update
     2. IT security forms - ADD HOST NAME
     3. Parking spot and van
     4. Stores stock / NASA first
   * Procedures:
     1. Meetings: ID project reps
     2. Powerpoints or lists/schedules to share
     3. Email messages: try not to mix
     4. Labeling: Shipments, gas cylinders etc.
     5. Food at Science meetings / Food at Conferences
   * Team:
     1. NASA logos can’t be in mission logos
     2. ASP Annual Report and ASP Newsletter

The NASA Airborne Science Program 2018 Annual Report is available on the Airborne Science Program website at:

<https://airbornescience.nasa.gov/sites/default/files/documents/ASP_2018_April19_web.pdf>

The Airborne Science Program Spring 2019 Newsletter is also available at:

<https://airbornescience.nasa.gov/sites/default/files/documents/ASP_Newsletter_Spring2019.pdf>

1. Mission Updates (see Appendix 1)
   * ACCLIP (logo in work)
   * CPEX (TBD)
2. Next meetings: **5/21, 5/28, 6/18**
3. Demos:
   * Mailman – Ayuta 5/7
   * Introduction to new EVS3 missions – Erin 5/14
   * Introduction to new EVS3 missions – Vidal 5/21
   * Introductions to new EVS3 missions- Bernie/Dan – DCOTSS – 5/28
   * SOFRS and ASP – Vidal/Sommer
   * Airlifts – Sommer
   * Demo on GoPro – Jhony
   * Conference rules – Susan
   * Aaron Duley – Vidal please schedule
   * Lessons Learned from EVS2 missions – Bernie and Dave

**Words for the week:**

**Who’s and whose**

“Whose password hasn’t been changed in six months?” is correct. Use the non-contracted version of who who’s like, “Who is (the non-contracted version of who’s) password hasn’t been changed in six months?” and you sound a little silly.

Appendix 1

Mission Updates

• **FIREX-AQ** (Fire Influence on Regional to global Environments eXperiment– Air Quality) **(Dave/Bernie/Drew & Quincy)** DC-8 in Boise and Salina, NOAA Twin Otters in Boise, ER-2 flying from AFRC. Working on hotels, FN list, Boise Air National Guard base operational details, Salina airport contract, and shipping. 129th Rescue from Moffett will be in Boise at the same time of FIREX (150 people). May have to park one of the Twin Otters at the Jackson jet center. FN Escort privilege being worked, **integration starts May 19, 2019**. ESPO team needs to get flight clearance forms filled out and turned in.

• **CAMP2Ex** (Cloud, Aerosol, Monsoonal Processes – Philippines Experiment) **(Jhony/Erin/Brent & Sommer)** - Aug-Oct, 2019 (integration July). Science flight operations go from Aug 25-Oct 5. There will be 2 air shipments going to Clark AFB (Aug 1 & Aug 13). There will also be a sea shipment from ARC as well as WFF. Unsure whether or not the Learjet needs an AFSRB or just an MRR. Waiting for Bruce to weigh in. Sea shipment happening soon. Not sure if SWAG is being shipped. Integration begins on June 17, 2019.

• **IMPACTS:** Investigation of Microphysics and Precipitation for Atlantic Coast-Threatening Snowstorms Science: PI.  Lynn McMurdie (University of Washington) **(Vidal/Quincy & Katie/Brent)** Three 6 week campaigns (Jan/Feb 2020-22) to Warner-Robins Georgia AFB (ER-2) and WFF (P-3). (ICR) Investigation Confirmation Review plan for Sept. Agenda and badging in work. Met with PM Tsengdar Lee. Site surveys to WFF and WR in the works. Warner-Robins does not want to commit until Jan 2020. Working with PI on confirmation documents.

• **DCOTSS:** Dynamics and Chemistry of the Summer Stratosphere Science. PI: Kenneth Bowman (Texas A&M University) **(Dan/Bernie/Brent & Tony).** Two-week test flight series and 3 x 5+wks (spring, middle summer, late summer) with ER-2 in Salina, Kansas. Forecasting dry run planned for late July. Effort now is on development of the IIP (draft by end of May) and BAERI task. The DCOTSS Confirmation Assessment Meeting (CAM) is scheduled for July 12, and the ICR is scheduled for September 17. The first, in-person, full Science Team meeting is planned for October 28 thru 30 in Denver (logistics info is on the website). Dan went to Salina for a site survey. Access to the office space and the proximity of the nearest Decompression chamber may be an issue. No issues placing LOX (Liquid oxygen).

• **S-MODE:** Sub-Mesoscale Ocean Dynamics Experiment Science. PI:  Tom Farrar (Woods Hole) **(Erin/Sommer/Drew).** Two week pilot (4/20), two 1 month campaigns (4/21 & 9/21). NASA KingAir B200, NASA G-V, TOI Twin Otter and a UNOLS vessel (plus ocean surface drifters, wave gliders, sail drones, and floats). Science research area of interest approximately 200 miles off the coast of San Francisco. Project start June 1, 2019. Five grant packages put together - waiting on two others. JPL task plan submitted and awaiting approval. PPB&E inputs provided to ESSP. Possible experiment at WHOI in the Fall to improve DopplerScatt calibration (resolving small scale wave measurements) - currently no ESPO support expected.  If MOSES window fab and integration design are completed this Summer, there may be B200 test flights this Fall. Management team meetings weekly. Working B-200 integration/design plan and will meet with B200 team in June 12, 2019 at Edwards AFB. STM at Ames the week of August 19,2019, in building 3.

2020

• **EXPORTS** (the Export Processes in the Ocean from RemoTe Sensing) **(Quincy/Drew)** - Working to secure ships in the North Atlantic.  One ship will return to Woods Hole and the other will de-mobilize in Ireland.  Quincy currently at STM 5/6-5/10 in Williamsburg VA.

• **ATom** (Atmospheric Tomography) **(Dave/Erin/Quincy)** - All deployments completed.  Final closeout Nov 2019. Request submitted for a no cost extension. STM in November 18, 2019 in Boulder CO. Data going public.

• **ORACLES** (ObseRvations of Aerosols above Clouds and their intEractionS) **(Bernie/Dan/Sommer)** -   Still working a NCE for about one year (duration TBD) to extend time for data analysis. Therefore the closeout review will likely be pushed to late 2020, and another STM May 2020. The 2019 science team meeting is being held this week at University of Miami May 14-16.

Other Projects

* + Natural Hazard Science Response/Volcano (Bernie)
  + **EPIC** (Earth Science Project Management International **Collaborative**)**-** Moved to next year before or after AGU Workshop **(Vidal/Sommer/Drew)**

May have late evening meetings to justify overnight stay in San Francisco.

* + PM Guide (Erin) Susan will work with Erin to update.
  + SOFRS (Vidal)- Bruce Tagg Visit and Vidal/Sommer HQ trip 4/24-26.