

Action Items

1. Update Flight Plan (Crawford/Pickering/Singer/Yasky)

- Add Fairhill site to extend to northeast
- Drop profiling over SERC
- Revisit FAA to negotiate revised plan
- Establish ground rules with Aberdeen Proving Ground
(deeper profiling? Touch and go?)

2. Possibilities for covering the Dead Zone

(Crawford/Pickering/Doddridge/Thompson)

- Determine availability and rules for use of tethered balloon at Beltsville
- Look into addition of tethered balloon at NATIVE site
(Millersville contact?)

3. Publish concise table of measurements for each platform and site (to be put on website) (Kleb)

-Need to establish what to expect at Beltsville

Lidars – Ferrare

In situ – Crawford/Pickering

4. Traffic Information (Hains)

-Need locations for 20 special monitors collecting detailed information (counts and type)

-Evaluate need for situational monitors (what details do they provide)

-Location of roadside monitors for 2011 pilot study

5. Possible mobile trailer add-ons (Szykman/Williams)

-Pandora, O3, other? (Herman, Stehr, Knapp)

6. Augmentation of Surface Observations by Collaborators (Pickering/Crawford)

-Best sites for EPA monitors (Padonia and Edgewood), Italian instruments (Beltsville), and possible Austrian NO2 instrument (Fair Hill)

-Request NO2 monitor not be removed from Aldino

-Request continuous PM10 at Essex be converted to PM2.5

7. Forecasting plan and guidance (Pickering)

-Contact Bill Ryan at PSU

-Design resource page to be implemented on website

8. Collaborative flights with UMd

(Crawford/Pickering/Stehr/Dickerson/Singer)

-Condition-dependent flight scenarios

-Aircraft intercomparison

9. CH₂O Source information (Hains)

10. Final DRAGON Placement (Holben)

11. Wingtip Probes (Nowicki/Anderson/Ferrare)

12. OASIS ship plans (Tzortziou)

-Need ship to reach further north in Chesapeake

13. Cessna Flights (Szykman/Williams/Fisher/Yasky)

-Need details on expected flight hours to determine impact on crew requirements

-Determine deployment site

-Interest in adding Italian NO2 instrument?

14. Winter Deployment (Ferrare/Pickering/Crawford)

-Evaluate relative merits of SJV and Utah locations

15. Portable AC Cart for P-3B (Nowicki)

16. Missed Approaches-Pros/Cons

-Sample to lower altitudes

-local emissions may compromise representativeness

-may affect flight timing

(if tethered balloon implementation is successful, need for missed approaches is diminished)

Possible missed approach locations:

Edgewood - Aberdeen heliport

Essex - Martin State

UMBC - Tipton

17. Logistics for next summer (Crittenden/Kleb)

18. Outreach (Chambers/Pippin)

-Science outreach

-awareness(traffic reports, news coverage)

19. Italian collaboration

20. Texas planning