

There will be two trailers.

AIRMAP Trailer

- Hydrocarbon GC
- PTRMS
- Ozone and SO₂?

NOAA Trailer

- PAN GC
- NO_x/NO_y
- OH reactivity?
- Picarro

Dates

- Deployment: March 16 – May 15
- AIRMAP trailer is fully ready to move: March 9
- NOAA trailer is fully ready to move: March 13

Instruments and Roles/Responsibilities

Overall Site Logistics

- Reciprocity for ECDs (Emily)
- AIRMAP trailer electrical (Ilana)
- Coordination of trailer movement on campus and to BAO, with Gerd and Arsineh (Ilana)
- Coordination with NCAR on PISA (Emily)
- Coordination with NOAA on other site logistics (Emily and Ilana)
- Compilation of HAZMAT documents for BAO (Ilana)
- Rental cars for daily site visits – do we need two of them, what is the likely schedule (Ilana)
- Motorpool rentals for set-up (Ilana)

PAN-GC (Jake)

- Change hydrated salt cartridge.
- Calculate Helium use rate, and compare to tank change at BAO. Is it worth finding the leak?
- Check and re-order consumables needed (He tanks)
- Run calibrations in lab and process calibrations.
- Run calibrations using the zero air generation with the Nox/ Noy system to make sure this will work in the field.
- Make a manual for instrument.
- Run 3 –days of sampling in lab and process data.
- Run 3 –days of trailer sampling and process data.
- Pack instrument components and cylinders in NOAA trailer.
- Get all new check-sheets and field logs ready.
- Make SOP and teach Ilana how to check instrument

Picarro (Jake)

- Run the lab standards and the field standard through instrument and create calibration curves. Use the primary lab standards to calibrate the field standards.
- Change the filter.
- Re-do log sheets, and teach Ilana how to do basic check on instrument.
- Work with Ilana on an inlet plan for the trailer.

NO_x/NO_y (Ilana and Steven)

- Instrument will arrive in mid-February.
- Steven should get ahead on any course requirements so he can be ready to spend a lot of time in the lab at that point.
- Ilana will be the primary person responsible for this measurement, and will train Steven to do the day-to-day checks and initial data processing.

Hydrocarbon-GC (Andy and Holly)

- Connect new cooler
- Get instrument up and running
- Make documentation
- Calibrations in the lab.
- Lab campaign and data processing.
- Trailer mini-campaign and data processing.
- Field SOPs and log sheets
- Pack it.

PTRMS (Julie)

- Updates?
- Timeline?
- Resources needed?

Other Stuff

- New Group Wiki:
<http://fischer.atmos.colostate.edu/internal/wp-login.php>
- Back-ups
- Group meeting schedule.
- Next group lunch.
- Group photo.
- Keys and temporary desks for Julie and Holly.