

OPS-0205 (05 February 2020)

Lutz Hirsch
(compiled 05.02. 15:30 LT)

1. Facility updates

- **Local logistics:** Please, if you drink coffee donate into the large box next to the coffee machine. We are working for additional key-cards for the building.
- **ATR-42:** Today two coordinated flights with early take-off (04:45 LT) together with HALO. Both flights planned with 4.5 h flight-time. Next coordinated 2 flights Friday with take-off 07:30 LT.
- **RAAVEN, BOREAL and Skywalkers:**
- Boreal: Flies today, take-off at 06:30LT. Next flight together with aircraft on Friday.
- Skywalker: Tuesday 04 February: two missions today. The first one with one aircraft => very nice adaptative sampling of a cloud; A second one with two aircrafts at a time.
- Raaven: Will always do the same pattern: one vertical profile up to 1000m and then legs of approx. 2km at different levels in the boundary layer.
- **HALO:** Today coordinated scientific flight 05:15 LT. Pattern: no super curtain, 3.5 dropsonde circles, direction NTAS 200 miles out and back, 150 miles satellite track out and back, 3.5 dropsonde circles. Ground-Day tomorrow. Next coordinated flight Friday with take-off 08:00 LT.
- **Otter:** Today 2 flights are planned with first take-off time 7:40 LT doing cloud chasing. Calibration flight planned for tomorrow. Coordinated flights on Friday.
- **WP-3D:** Flies today with take-off at 09:30 LT nominal duration 8h. No P3 flights Thursday and Friday. Night flights (takeoff time 20.00 local) on Saturday, Sunday and Monday.
- **BCO:** All systems are up and running. PoldiRad operational. Measurements at Ragged point are all running as well.
- **L'Atalante:** Today recovered the 4 French drifters and started route north. Continue underway sampling. Will sail north to the deep Ring3 and first in the morning and will work with 4 Sairdrones.
- **S. Merian:** no update today.
- **Meteor:** Yesterday: Continue regular CTD and radiosonde launches along the Meteor track in a northern direction. After taking MPI-MM samples during the late night (after a successful 10hour cloud-kite run) reached the Meteor track in the morning hours just north of L2 and headed the entire day in a northward direction. During the late night will reach the northern turning point and remain for some extra glider station and cloud- kite time near L1. Hopefully the swell is not too high to service the autonaut and the pink glider.
- **Ron Brown:** Returned to port due an emergency on board. Possibly leave port again on Friday. Possibly back on station Saturday.
- **Autonaut:** AutoNaut Caravela was launched Wednesday and was heading east, south of the island. PLANET shows position East of Barbados.
- **CloudKite:** see METEOR and Maria S.Merian reports.

2. Plans

The outreach activities for presentations at schools next week on Mondays, Tuesdays and Thursdays continue.

Next seminar @ CIMH, this Friday at 15:00 LT with 5-6 speakers, followed by dinner at Oistins or similar.

Barbecue on today February 5th at Miami Beach at 16:00 - 16:30 LT.

Plans for a hike next Monday between 07:00 and 10:00 LT, contact Sandrine if interested.

3. Issues

no issues

4. Flight Alert

Wednesday 05 February 2020

- coordinated flights with HALO, ATR and TwinOtter, first take-off 05:00 LT.
- P3 flight scheduled, take-off 09:30, nominal duration 8h.
- Planes will be in the Alley between 05:00 and 17:30 LT!
- Contact Point: George, Geet <geet.george@mpimet.mpg.de>

Thursday 06 February 2020

- no flights for HALO and ATR
- calibration flight TwinOtter, take-off
- no flight P3
- Planes will be in the Alley between 05:00 and 17:30 LT!
- Contact Point: tbd.