

OPS-0122 (22 January 2020)

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1. Facility updates

- **Local logistics:** The PLANET server is available and stable and the PLANET issues on HALO and ATR could be solved. We are in the process of making an additional meeting room for groups up to 10 persons available at a CA office. Larger groups please move to the downstairs room. The upstairs room is mainly considered as data processing central, but can be used for meetings of smaller groups. The fast internet connection to OPS center is technically prepared, but still not operational. Plans are to start it today.
- **ATR-42:** Integration of the instruments is still going on. The EMC ground test is not possible today. Plans are to have EMC-ground test and EMC-flight both on Thursday. If successful a first coordinated scientific flight is still possible on Friday.
- **BOREAL and Skywalkers:** equipment is supposed to be out of customs today. Test-flights are scheduled for Friday and/or Saturday, the first scientific flight is possible on Sunday. A 2hr simulation on PLANET is planned today between 11:00 and 16:00 LT.
- **HALO:** Flight day today, take-off 11:00. Flight-plans: circle pattern for 210 min, radar and radiometer calibration around METEOR, followed by another circle pattern and a calibration for SST AND LIDAR. 72 dropsondes are planned. Next flight planned Friday with take off at 05:00 LT.
- **Twin Otter:** Preparations going well. EMI ground test today and EMI flight tomorrow. Plans for the first coordinated scientific flight on Friday with the first take-off at 07:00 LT, a refueling and a second flight thereafter.
- **WP-3D:** The team is expecting a computer spare part for the cloud physics instrument by today. Next scientific flights are scheduled for Thursday and Friday. Flight plans depend on whether cloud physics are running or not. In any case dropsonde circles around the Ron Brown (4.4N, 55W); isotope sampling SE-NW across circle, AXBT deployments from FL100 and cloud sampling (pending computer repair). East of RHB
- **BCO:** All systems are up and running, although the BCOHAT has fan problems. Construction work for PoldiRad continues. Help there will likely be needed on Thursday or Friday. Measurement at Ragged point are mostly running now. Only SMPS and GRIM not running as of today.
- **L'Atalante:** is in Barbados waters since yesterday. Plans for two soundings one near Carlisle Bay at 10:45 and another one east of BCO at 14:45.
- **Maria S. Merian:** Last available update: On way to Boulevard De Tourbillons; Cloudkite instruments preparation for first science deployment maybe Thursday (0123).
- **Meteor:** has been sampling along the 57.245W latitude. The glider deployment position has moved further north. The upper ocean survey continued by exploring of the larger area around the HALO/METEOR (north-eastern) track crossing. CTDs down to 800m were conducted every three hours. CTDs were taken 40km to the south, west, east and north (of the L1 position). Radiosonde launches continued on a regular 4 hour schedule plus the DWD sonde at 18Z. First UAV test were successful.
- **Ron Brown:** Spent the day at 14°21'44" N and 53°W. Continuous atmospheric sampling with bow into the wind. Radiosondes every 4 hours. Conducted hand held CTDs every six hours to 100 m. One rosette with CTD cast at 12:00 local for comparison to the hand held CTD.
- **Autonaut:** No update on rudder problems and revised launch date, but it seems to have launched!
- **CloudKite:** Last available update: Maria S Merian is planning for a first scientific launch on Thursday, further tests and improvements until then until. Meteor first test uncertain.

2. Plans

The plans for a coordinated action with L'Atalante, the Barbados Coast Guard and the RSS have been revised:

- i. 10:45 AM: BDF and the L'Atalante launch sondes close to each other near Carlisle Bay
- ii. 14:45 LT: then BDF goes West of Barbados and launches a sonde 20 nm West from the western coast of Barbados while the L'Atalante will launch a sonde 20 nm East of Deebles Point, both will be on the East-West transect.
- iii. The Atalante will return to Carlisle Bay around 5:30 or 6 PM
- iv. During all this, the RSS plane will fly along the same East-West transect and HALO will fly a circle East of BCO.

Outreach group is planning for lectures at the Coverley and at CIMH, please volunteer!

Please reply to the mail sent around regarding the blog activities if you want to participate

There are plans for a movie night at the BCO.

5. Issues

A note to visitors to RSS: in order to avoid car accidents, before entering stop well clear of the portal!

Waiting for fast internet at OPS center.