

OPS-0121 (21 January 2020)

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1. Facility updates

- **Local logistics:** Yesterdays press conference was successfully held at CIMH. A recording of it can be found here ([link](#)). The PLANET server is available again, but HALO needs to change its configuration and ATR needs to solve an unrelated issue with planet before the next flight.
- **ATR-42:** Integration of the instruments is still going on. The EMC-ground test and EMC-flight are planned for Wednesday and Thursday. If successful a first coordinated scientific flight is still possible on Friday.
- **BOREAL and Skywalkers:** equipment not yet out of customs. A test-flights are uncertain.
- **HALO:** ground day today. Flight day tomorrow, take-off 11:00. Flight-plans: circle and calibration around METEOR. 72 dropsondes are planned. Planned Friday flight with 05:00 LT.
- **Twin Otter:** all probes were successfully mounted, tested and are working fine. Test flight is scheduled today or tomorrow. The date for the first scientific flight remains open.
- **WP-3D:** 2 successful research flights were performed. The team is expecting a computer spare part for the cloud physics instrument by today. Next scientific flights are scheduled for Thursday and Friday.
- **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.
- **L'Atalante:** estimated in Barbados waters today 16:00 - 20:00 LT. Plans to be on position upwind of BCO and is planning coordinated cross-section with RSS and BDF around Barbados on Wednesday. (see plans)
- **Maria S. Merian:** On way to Boulevard De Tourbillons; Microbiology cast (3:30am); Upper ocean high resolution sampling with Moving Vessel Profiler. Microstructure casts; Cloudkite instruments preparation for first science deployment maybe Thursday (0123);
- **Meteor:** started with 800m CTD profiling every three hours – this day along the 57.245W longitude. Radiosonde launches continued on the regular 4 hour cycle with additional DWD sonde at 18Z. Today will start and end at the glider site traveling along 57.245 W with regular stops to train CTD operations.
- **Ron Brown:** Plans to stay at 53W along the NTAS/CC line through Wednesday. Coming into Bridgetown port on the 26th, leaving again on the 28th.
- **Autonaut:** No update on rudder problems and revised launch date
- **CloudKite:** 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

There are plan for a coordinated action with L' Atalante, the Barbados Coast Guard and the RSS.

At the moment the plan is:

1. L' Atalante meet with coast-guard ship and launch sondes together at 10:45 LT for an inter-comparison of GRAW with Vaisala sondes.
2. The Coastguard ship and L' Atalante separate, along 85/265 line, through the BCO, but 30 nm east and west of Barbados, to prepare for a second sonde launching at 14:45 LT.
3. Between the two launches the RSS aircraft flies along the line, over L' Atalante, over Barbados and toward the repositioned coast-guard ship, passing over it around 14:30, before the second launch
4. Ships would make their second launch of sondes (14:45) and the RSS aircraft would head south toward the Maria S. Merian and survey the sea-surface toward the Boulevard.

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.

3. Issues

PLANET communication: server up, (Configuration on HALO and issue in ATR hopefully fixed today)

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.