

OPS-0117 (17 Jan 2020)

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1. Facility updates

short updates on the status of the platforms.

- **Local logistics:** Many people have begun filtering in. Made progress on the Ops room, first furniture (20 workspaces) arrived, servers being moved in, and more is coming; next open issue is weekend and night access. DLR Airfreight arrived at Ops Center. Still working out kinks on briefings, need to coordinate on meetings with ATC. Discussions with ATC have been productive, but they would like a contact point for ships. The biggest challenge remains making arrangements. **ATR-42:** Container has been delivered at RSS and has been disemboweled, in preparation for arrival of aircraft, which is due tomorrow evening around 18 LT.
- **BOREAL and Skywalkers:** This is the only platform still waiting on some things to clear customs, but this is expected on Monday. Basecamp will also be installed on Monday (according to plan) at Morgan Lewis
- **HALO:** Container arrived, aircraft leaves Germany on Saturday, arrives on Barbados on Sunday early afternoon.
- **Twin Otter:** Container with cloud instruments and fittings arrived, Hoping for test flight on Tuesday and first research flight on Wednesday.
- **WP-3D:** First research flight for Ms Piggy! It flew to the Ron Brown and executed a circle, or a polygon around the Brown. Some hiccups in the instrumentation, so limited measurements, good for isotopes and W-band. Wave-radar and in situ cloud probes were not operating
- **L'Atalante:** Closing in on Guadeloupe, no further news.
- **Maria S Merian:** Loaded and ready, departing Harbor tonight or early on the 18th.
- **Meteor:** Crew exchange, final instrumentation preparations, all seems to go as planned.
- Ron Brown: Was at the center of Ms Piggy's attention. Will go to 14°21'44" N, 53 W in time for the HALO overflight and will make measurements through the 22nd, then will collect SWIFTS and come back for a port call.
- **Autonaut:** No news
- **CloudKite:** Big kite on Maria S Merian is inflated. No known issues
- **PoldiRad:** Foundation work underway, targets operation in the week of the 27th. May benefit from a coordinated action, i.e., a social work day, where we ask for a large number of volunteers to help build up the mechanical superstructure of PoldiRad, stay posted.

2. Plans

HALO overflight of ships, with possible WP-3D coordination. The present HALO flight plan takes it over the NTAS on a line to CC (Circle Center), it intends to fly at FL300, with three drops, one near the Ron Brown (or at NTAS, not sure), another at Circle Center, and a third midway. Will continue from CC to Circle East (CE) and then fly a circle dropping 12 sondes. Hope to have flight also coordinated with ship measurements by the Maria S Merian and Meteor, who may be between CC and Circle West (CW) on the flight line, and Sairdrone's between the Brown and CE. Opportunity for possible coordination with the WP-3D

Coordinated Maria S Merian and Meteor measurements: Meteor will move to BCO after leaving port at 22:30 tonight and then be joined by the Maria S. Merian. They will measure together off shore, perhaps with coordinated CTD casts through the day. Meteor thinks to move to the North to then measure near Ms BORÉALS place, taking water samples. Will then move back to the BCO to track upwind for a few hours before heading to CC and beyond, for instance to rendezvous with Caravela and the sea gliders. Plan has her being in a position to coordinate HALO overflight on Sunday. Maria S Merian is debating the possibility of waiting for L'Atalante on Monday to have accompaniment to the Boulevard.

Plan for an ops meeting Sunday at 9am, but not sure how and where to realize this. More tomorrow

Outreach group is mostly here. Expect emails from Kevin Wolf to contribute to blog, and Ludovic and Anna Lea are beginning to put together a calendar of outreach events.

3. Issues

- *Ops room presently not available on weekends, may need help from CIMH to secure access.*
- *Need all aircraft reps at ATC briefings*
- *Some confusion about how to manage soundings on Maria S. Merian*
- *BORÉAL still waiting on some things to clear customs.*
- *ATC needs a ship contact, presently this is the ship PIs*
- *Parking situation at airport remains challenging.*