

OPS-0120 (20 January 2020)

Lutz Hirsch

1. Facility updates

- **Local logistics:** The OPS meeting of the first official day of the EUREC⁴A campaign took place today at Civil Aviation at 09:00 LT. Today also a press conference will take place at 15:00 LT at CIMH. David Farrell will present the press release for EUREC⁴A. Further speakers will be Sandrine Bony, Alan Blyth, Chris Fairall and a representative of ISOTOPES. The planet server is still not available, but the service provider promised to be back within 24h (approx. noon today).
- **ATR-42:** arrived yesterday at noon. Integration of the instruments is making good progress. The first test-flight is planned for Wednesday and the first coordinated scientific flight for Friday.
- **BOREAL and Skywalkers:** equipment not yet out of customs. A test-flight is planned for Wednesday and a first scientific flight for Friday.
- **HALO:** arrived yesterday on Barbados. All instruments are working well. Today is a day-off and tomorrow is a ground day. The first scientific flight is scheduled for Wednesday at 11 am.
- **Twin Otter:** installation is progressing as planned. Cloud physics instruments and turbulence probes will be installed today. Tomorrow a test flight will take place, if successful a first scientific flight is possible for Wednesday.
- **WP-3D:** has been flying Friday and yesterday dropping 12 sondes each from an 90 km circle around the Ron Brown. Due to a computer problem no cloud physics measurement are possible at the moment, but intensive ocean temperature measurements were performed around the NTAS buoy and the Ron Brown. Next flight is scheduled for Thursday, possible coordinated flight on Friday.
- **BCO:** All systems are up and running. The 4-hourly radiosonde schedule is established. Construction work for PoldiRad continues. Help there will be needed on Wednesday or Thursday. The instrumentation from Manchester at Ragged Point is planned to be ready tomorrow. The Mainz CCN and CN data are running now.
- **L'Atalante:** leaving Guadeloupe today (expected) and is expected in Barbados waters 24 hrs later. Will then be sailing around Barbados for 3 days and take measurements upwind of the BCO.
- **Maria S Merian:** getting instruments up and running. Cloudkite was flown yesterday, no word on how that went.
- **Meteor:** left the Glider-Position (13.875N /57.245W) sailing north along 57.245W and back south with CTD stops. Tomorrow a longer CTD stop is planned and if sea state calms plans are to deploy gliders. On Wednesday the Cloudkite will be tested.
- **Ron Brown:** Plans to stay at 53W along the NTAS/CC line through Wednesday. Cloud radar and Isotopes measurements are down, but aerosol and humidity measurements are running well. Coming into Bridgetown port on the 26th.
- **Autonaut:** No update on rudder problems and revised launch date
- **CloudKite:** Maria S Merian had a successful test launch yesterday, on Meteor first test tomorrow.

2. Plans

Press Conference today 20.01. 15:00 at CIMH

CIMH and RSS plan for a flight with the RSS aircraft on Wednesday and later in the campaign. The flight is planned to follow a line between the BCO and the NTAS buoy and from there to the southern part of the campaigns area.

Possible coordinated Twin-Otter and HALO flights on Wednesday.

Coast Guard ships may launch radio sondes on the same day along a two lines east and west of Barbados.

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

3. Issues

PLANET communication (hopefully fixed today)