

EUREC4A

10 January 2029 Coordination Call

Participants: Alan Blyth, Sandrine Bony, David Farrell, Chris Fairall, Johannes Karstensen, Sabrina Speich, Bjorn Stevens (responsible for notes)

Topics:

1. Short update on facilities (aircraft, poldirad, ships)
2. Update on Operations Room and info to ideas of daily briefing
3. Finalization of reporting requests from facilities
4. Press conference preparations.
5. Update on Symposia, Outreach and Team Building Activities
6. Varia

1. Facility update

These were mostly sent by email, here is a summary:

ATR-42: the renovation work is now finished, and test flights have been done. Departure for Barbados will probably tentatively planned for Monday, which would put the arrival date in Barbados on Friday Jan 17th, with first coordinated flight no earlier than Jan 22, and even this date is optimistic

BORÉAL: waiting for the feedback from the Department of Defense and Security (today?) about authorizations. Installation will start next week. Will be attending the meeting with ATC on Jan 15.

HALO: Initial problems with radar are resolved. Test flight on Monday. First research flight will be the ferry to Barbados, on 18 or 19 January. This will include an overpass of the NTAS and Brown, and any other platforms. First coordinated flight from Barbados planned for 21 Jan (Tues), but we are exploring possibility of shifting this based on ATR. We are presently planning on 90 km radius circles, if there is an argument to make them larger please share.

Twin-Otter is on it's way to Barbados more-or-less on schedule — presently one day delay (arrival on 14th) due to weather — hopping along as they need to do (follow [here](#)). There is significant work to do once in Barbados, including fitting the probes and re-wiring. I have been assured that this will go smoothly.

WP-3D: Originally planned first research flight on 17th, exploring pushing this back a bit due to later arrival of other aircraft, and of shifting its planned night flights to later in the mission,

BCO: PoldiRad is in progress no major updates, just considerable work to do. The Raman lidar on the site is back up. We have hopes for the K-band radar, the W-band system requires more extensive repairs and won't be available for EUREC4A. Friedhelm Jansen is the lead for the BCO, this includes summarizing measurements made at PoldiRad, at the UMiami Ragged Point site, and on the CIMH site. Still missing authorization for radiosondes

R/V Atlante: It appears that the containers have arrived, Sabrina is actively working to still secure a replacement MVP, whether this arrives in time is not certain. The planned drone was not ready in time and will not fly.

R/V Maria S Merian: All is well, the ship is working the area west of the NTAS before heading to port in Barbados. Some issues with ARTHUS lidar as it had to be offloaded in Trinidad and is still trying to find its way to Barbados.

R/V Meteor: Track is fixed along a roughly N/S 2° line near 57W, which will repeat on a two day basis, i.e., north one day, south the next. six station stops are planned, two intersecting the circle, the gliders will work these points. The plan allows for 20 hours of transit time and 28 hours of station time for every 48 hr cycle.

R/V Ron Brown: Trish has been posting reports, with moderately rough seas. Sea gliders are in the water, and the Ron Brown has reached the NTAS where they are comparing measurements for a day before putting in the new Buoy.

Soundings: R/V Ron Brown switched sounding schedule, other platforms agreed to follow what was best for the Brown to keep coordination. Some issued with incompatibility of Brown Sounding data formats.

Outreach:

- Media: CNRS has been preparing a press release on EUREC4A for French and francophone media, especially in French islands of West Indies. The idea (to be discussed with you today) is to release it immediately after the joint international press release on Jan 16. Question: will the press conference of Jan 16 be broadcast live?
- Symposium: invitations have been sent (David: please update us about the invites of people from Barbados); about 10 persons have already replied positively. More information [online](#).
- Two documentary film makers from Paris will develop a documentary on EUREC4A. They are already on the island. People interested in having some film footage of their installation or preparation for EUREC4A should contact [Marius LENA](#) or [Iulian Furtuna](#)

2. Operations (agenda items 2 & 3)

- Still no internet in operations room (at Civil Aviation) but Daison and David are working on this. Plan is to have daily operations briefings at 9am starting the day after the kick-off press conference. Briefings will be 30 min roughly split between weather/situation briefing and the operations update for the day.
- Agreed on facility reports and basic templates: Daily for the BCO, and from the other vessels when they are measuring, i.e., daily when at sea for ships, flight-days for planes. These will be uploaded on the website so that everyone can follow a standard template
- Agreed to provide a standard information sheet with contacts for campaign and facilities, as well as maps outlining locations.

3. Outreach, including Media (agenda items 4 & 5)

Press Event: NOAA has been organizing an open house on the 25th, but due to various restrictions this may mostly be an open house highlighting the NOAA ATOMIC contributions. We continue to plan for a press event earlier in the campaign, tentatively now scheduled for the 16th or 17th at the Harbor. This will be a joint event to present the campaign in its breadth, and help kick off the press releases internationally, as many European outlets are expected to start running feature stories already on the following weekend. During this event we will outline other planned events, from the BOMEX-to-EUREC4A symposium, to school events and public lectures, to open houses for ships and planes, including planned NOAA event.

Symposium & Lectures: This is moving forward, already with many positive responses. Planning remains dynamic, and things are expected to take firmer shape (agenda and location) once people are on Barbados, starting next week. Still some open threads on the types of contributions and some local contacts (Pat Calendar), similarly for lectures.

Schools and Visitations: Spoke with David and Rebecca, and the plan is that they will identify school events, and we will make sure to fill them with content, irrespective of when they occur, as there will be many people and we anticipate being able to share the load. David is also organizing ship visits, visit to Meteor likely will involve CIMH staff, idea to have a final visitation of the Maria S. Merian on the 21st of February to conclude the operational phase of EUREC4A.

This is the last conference call, we transition to Barbados next week, and start doing this in person.