

EUREC⁴A

20 December 2019 Coordination Call

Participants:

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

Topics:

1. Facility Overview
2. PoldiRad (covered in one)
3. Visas
4. Shipping
5. Press & Outreach
6. Scientific Communication

1. Facility/Platform Overview

- Preparations on all major platforms moving forward. ATR-42, HALO and PoldiRad face the greatest challenges, and a delay of up to two days in mission readiness for each is plausible. The drones won't fly from the Ron Brown. Good news is that the Twin Otter can accommodate the full complement of cloud probes. Raman lidar availability on Maria S Merian is questionable, the planned second (Utah) radiometer on Meteor will not be available.
- HALO still needs a parking place at airport. P3 situation is not clear, but Chris thinks it is okay. David will keep up active contact with airport and its board to try to facilitate.
- PoldiRad still awaiting for approval from Town and Country who are waiting on documents from other agencies, David is soldiering along and is hopefully that we get approval by 5 Jan, the cut-off date for PoldiRad to be ready at or near start of experiment.
- DLR had a very fruitful meeting with ATC and the memo describing what was agreed to is posted on the Website here under the flight planning working group ([ATC Coordination](#))
- There are some open issues regarding drones (this is a complicated territory as there are different types of drones) that need to be resolved, also coordination with ATC regarding ship-based soundings is ongoing.

2. Visas:

- Open questions regarding visa's appear resolved, let us know ASAP if there are any visa issues.

3. Shipping

- BevCo is back in action and we are making progress on identifying items and getting them through customs.
- PoldiRad has still not cleared customs, but it seems on a good trajectory. The CIMH crew is actively following the situation
- Incomplete documentation has led to delays in some cases, all groups should stay on top of the matter and make known any problems.

4. Press & Outreach

- Present strategy is for national contacts to alert their contacts in the press, and for a coordinated press release at the start of the experiment. Press kits will be made available on the website, and should be ready at the latest on 13 Jan.
- Some discussion as to when exactly the coordinated press release should be sent out, the press team is asked to confirm the date, as there was some discussion as to the present plan of a Jan 19 press release is too late.
- Stressed importance of a joint and coordinated press release. A telecon among national (French, German, UK, US) contacts on strategy would be helpful.

Preparations for the **Symposium** are moving nicely forward. An outline is available here ([Symposium Planning](#)). Tentative plan is to coordinate this with an open-house at the airport for scientific visitation of aircraft (Saturday) and a catered open-house at the BCO. The MPI group will take care of the latter, SAFIRE and DLR-FX are asked to see if they can arrange for the former. Some aspects depend on flight schedules which are open. Symposium organizers are waiting on some information for local contacts.

A **Press Day** with high-level delegations from the US and Barbados, including possibility the Prime Minister is planned for 25th of January, also an open house with the P3 is planned. This is being coordinated mostly by NOAA but it would be good to increase coordination with other facilities. Groups should inquire nationally about the possibility of high-level contacts participating.

Ludovic and the organization team are waiting on a contact to identify **schools** for presentation.

Weekly social events, perhaps with small science talks are envisioned, with the light-aircraft club near RSS, suggested as a possible location.

7. Scientific Communication

- **PLANET** will be the main platform for communicating among ships, planes and autonomous vehicles. Only the Twin-Otter will not be on PLANET and how to incorporate it needs further discussion between the Twin-Otter crew, Atmosphere (the operators of PLANET) and Tobias.
- **AERIS** is really ramping up with [Karim Ramage](#) and [Vincent Douet](#) at contacts. The webpage with quicklooks and the catalog is here ([EUREC4A Field Catalog](#)) growing daily. Look it over here and provide input or feedback. Vincent will be on Island for ten days at the start of the campaign to help trouble shoot problems. All information, i.e., bulletins, analyses, etc, can and should be shared through AERIS as this also will be available to the ships.
- **SLACK** will be the main communication channel among scientists. Agreed to try to provide a local logistics information on one of these channels, including information about things like cell-phones. It might be possible to get a coordinated deal with the internet providers, but otherwise there are two choices, FLOW and DIGICELL. We have had good experiences with FLOW, DIGICELL should also be fine but we have less experience. Communications within a network are almost for free, i.e., FLOW-to-FLOW or DIGICELL-to-DIGICELL.
- **Weather Outlook:** Anticipate a daily Weather Outlook. This will be a short document issued daily, with a 2-day, 1-day and real time outlook. It should incorporate both a synoptic overview, but also detailed information for flight planning. This forecast group is building on a workshop that just took place, and the local lead is Cathy Ann Caesar (CIMH). Still need to identify someone from the aircraft to volunteer as her counterpart. Would like to start Weather Outlooks on 13th to converge on a format by the official start of the field campaign.
- **Platform Bulletins:** Expect daily briefs from all four ships and flight reports from all aircraft. These will be distributed via AERIS, perhaps the ships can email their brief. The coordination group hopes to circulate a template for this.

7. Open Issues (an incomplete list)

- need to follow up on operations room and internet
- PoldiRad
- School Contacts
- Venue for workshops and social Thursday's
- Next Telecons. 3 Jan, 2020, 17hr CET.