**HALO-(AC)3 – 2022/03/dd – Polar5 research flight #YY**

**Objectives:**

**One sentences on the major objectives**

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|  |  |
| --- | --- |
| **Polar 5 Crew** | |
| **Mission PI** | **Xxxxx xxxxx** |
| **Basis Data Acq.** | **Xxxxx xxxxx** |
| **SMART/ Eagle/Hawk** | **Xxxxx xxxxx** |
| **MiRAC / AMALi** | **Xxxxx xxxxx** |
| **Microphysics** | **Xxxxx xxxxx** |
| **Optional seat** | **Xxxxx xxxxx** |

**Mission PI P5:**

**Xxxxxx Xxxxxx**

|  |  |
| --- | --- |
| **Polar 5** | |
| **Take off** | **xx:xx UTC** |
| **Touch down** | **xx:xx UTC** |

**Flight times:**

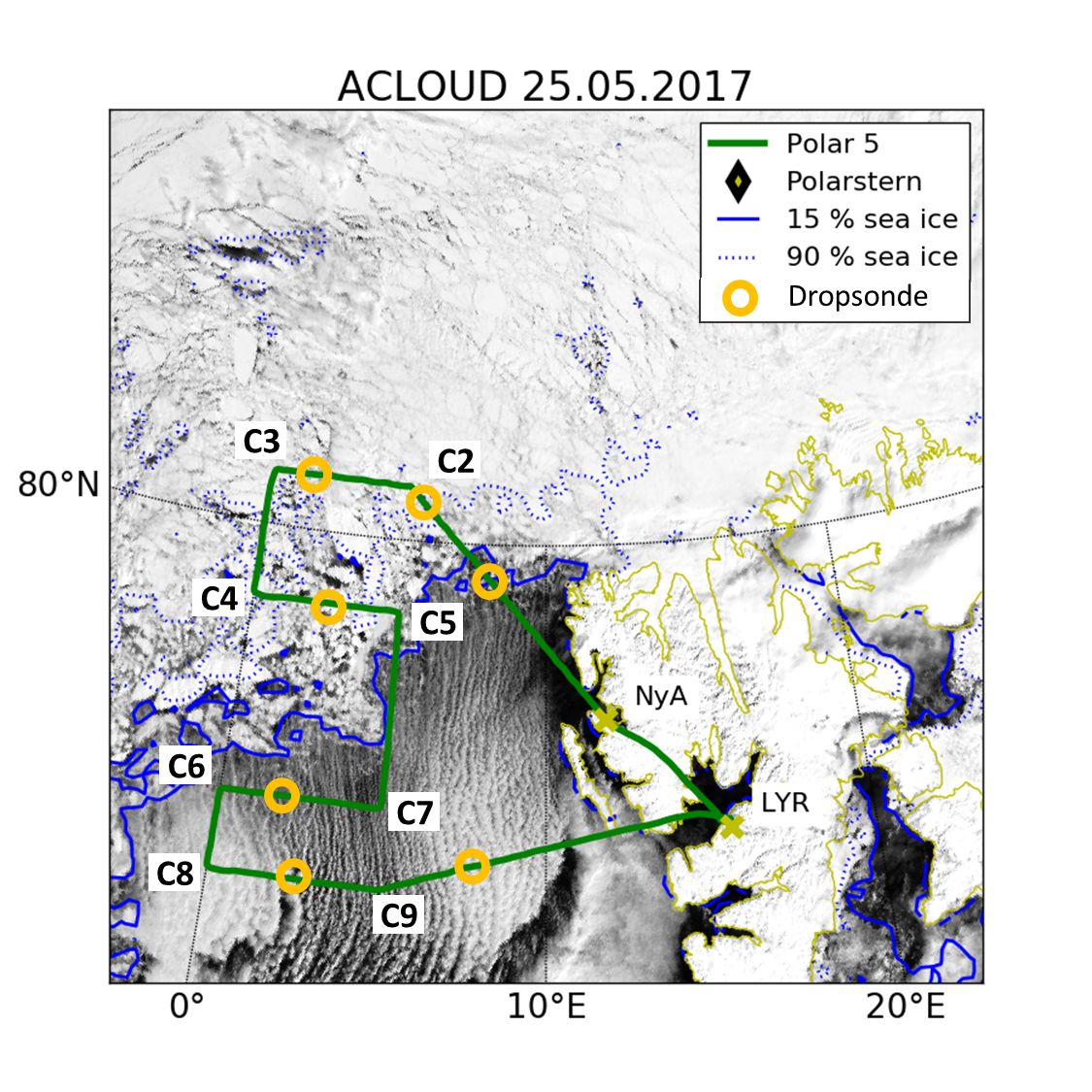
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Fig. S5.1: MODIS RGB composite satellite image and sea ice fraction observed by the Advanced Microwave Scanning Radiometer (AMSR2) by the University of Bremen (Spreen et al., 2008).

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**Weather situation as observed during the flight (compare to forecast):**

….. how was the forecast…. And how the situation was observed during the flight

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**Overview:**

… general remarks on the strategy of the flight

… how things and flight pattern worked out

… major notes: What special or remarkable situations/surprises appeared during the flight. Problems

… flight pattern

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**Instrument Status:**

|  |  |
| --- | --- |
| **Polar 5** | |
| Basis data acquisition | INS not aligned |
| Nose Boom |  |
| MiRAC-A |  |
| MiRAC-P |  |
| AMALi |  |
| SMART |  |
| Eagle/Hawk |  |
| Sun Photometer |  |
| Polar Nephelometer |  |
| 2D-S |  |
| CAPS |  |
| PIP |  |
| Drop Sondes | None launched |

Table S5.1: Instrument status as reported after the flight for all instruments on Polar 5.

Comments: …. What did not work….

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**Detailed Flight Logs:**

… fill with flight log notes. Best always give a time

🡪 maneuvers

🡪 cloud conditions in particular areas/legs

🡪 sea ice conditions in particular areas/legs

🡪 precipitation

🡪 etc…

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**Quicklooks:**