

# ACLOUD Flight 2017 06 15

**POLAR 6**

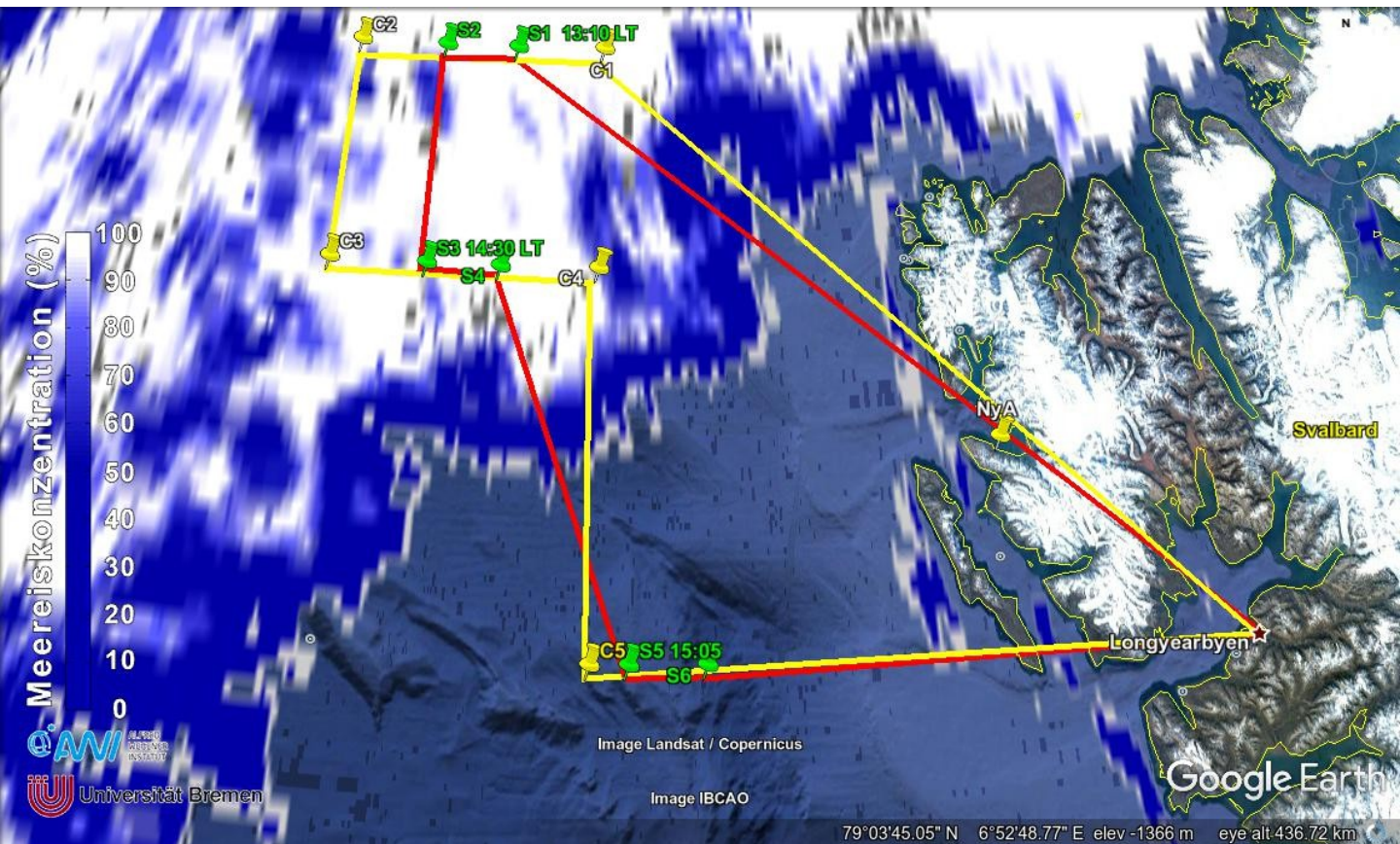
Crew:	Mission PI	Dmitry Chechin		
	AWI	Cristina Sans Coll	Est. Take Off:	12:00 LT
	ALABAMA	Franzisca Kollner		
	CVI	Stephan Mertes	Est. Duration:	5h 45min
	Tracegas	Oliver Eppers		
	PMS	Guillaume Mioche		

## Waypoints:

<b>S1:</b>	80° 20' N,	3° 14' E	80.333N	3.233E
<b>S2:</b>	80° 20' N,	1° 46' E	80.333N	1.766E
<b>S3:</b>	79° 33' N,	1° 49' E	79.550N	1.816E
<b>S4:</b>	79° 33' N,	3° 11' E	79.550N	3.183E
<b>S5:</b>	78° 15' N,	5° 37' E	78.250N	5.616E
<b>S6:</b>	78° 15' N,	6° 51' E	78.250N	6.850E

<u>LYR—S1</u>	<u>Aerosol?</u>	<b>192 NM @ 160 kn</b>	<b>72 min</b>
<u>S1—S2</u>	Racetrack 5x15NM	<b>@ 120-140 kn</b>	<b>60 min</b>
<u>S2 - S3</u>	above clouds	<b>50 NM @ 160 kn</b>	<b>20 min</b>
<u>S3—S4</u>	Racetrack 5x15NM	<b>@ 120-140 kn</b>	<b>60 min</b>
<u>S4—S5</u>	saw tooth	<b>84 NM @ 160 kn</b>	<b>35 min</b>
<u>S5—S6</u>	Racetrack 5x15NM	<b>@ 120 - 140 kn</b>	<b>60 min</b>
<u>S6—LYR</u>	Aerosol?	<b>110 NM @ 160 kn</b>	<b>40 min</b>

Total: **345 min = 5h 45 min**



## Racetrack: 5 x 15 NM

