

ACLOUD Flight 2017 06 13

POLAR 6
In Situ

Crew:	Mission PI	Manfred Wendisch		
	AWI	Cristina Sans i Coll	Est. Take Off:	9:00 LT
	Aerosol 1	Udo Kästner		
	Aerosol 2	Franziska Köllner	Est. Duration:	4 h 00 min
	Trace Gas	Oliver Eppers		
	PMS 1	Delphine Leroy		

Waypoints: **NyA** 78° 55.400' N, 11° 55.400' E
C1 79° 10.000' N, 9° 00.000' E
PS 81° 48.000' N, 11° 36.000' E

<u>LYR—NyA</u>	Climb above cloud	60 NM @140kn	30 min
<u>NyA – C1</u>	Saw tooth through cloud	40 NM @140kn	15 min
<u>C1 – PS</u>	Saw tooth through cloud Collocated with P6 As long as possible	160 NM @140kn	70 min
<u>PS – C1</u>	Staircase/profiles	160 NM @140kn	70 min
<u>C1 –NyA</u>	Staircase/profiles	40 NM @140kn	15 min
<u>NyA-LYR</u>		60 NM @140kn	30 min

Total: **4h 00 min**

