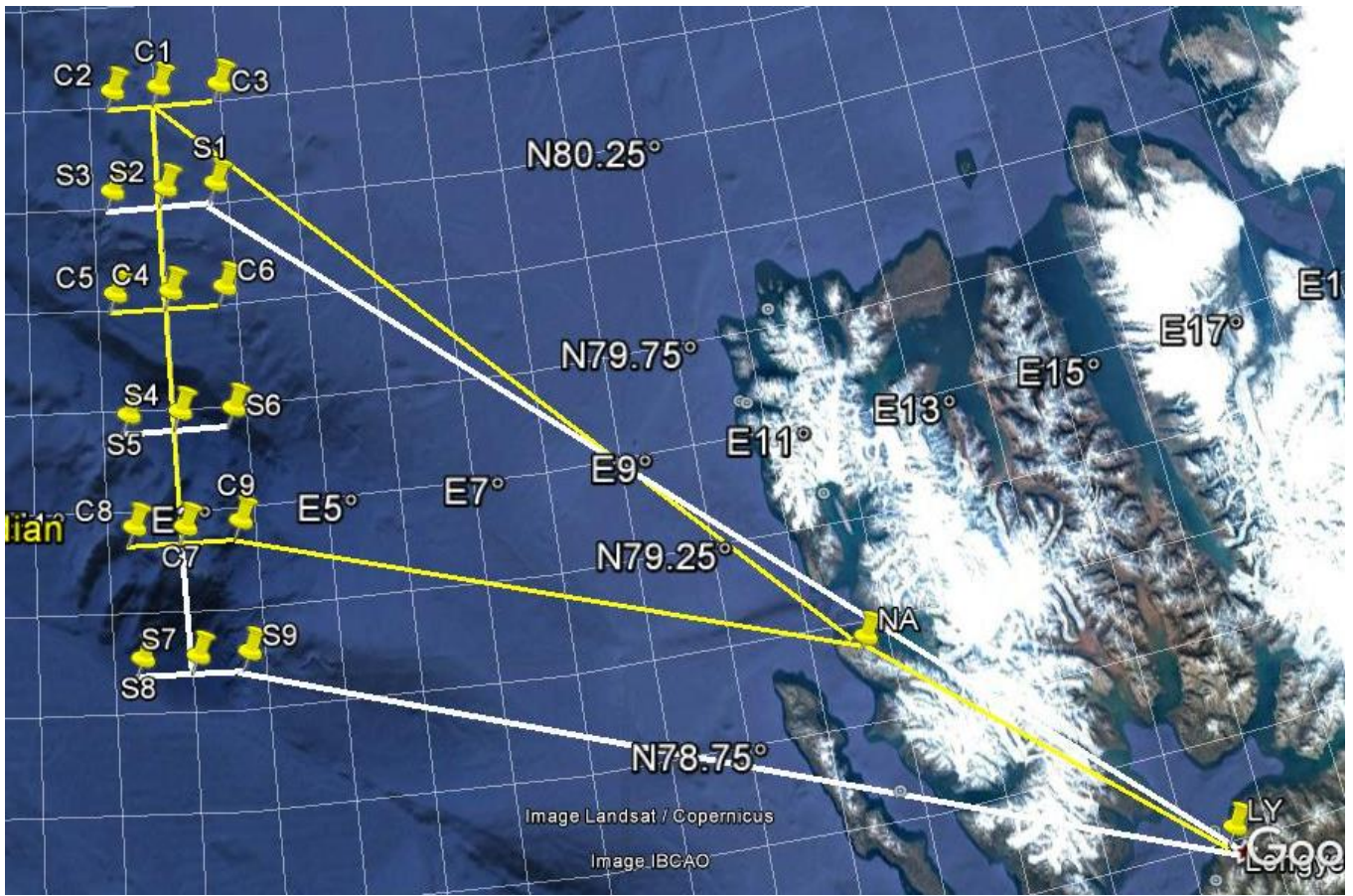


POLAR 5

Crew: Mission PI	Christof Lüpkes	Est. Take Off: 09:30 LT
AWI	Lukas Kandora	
SMART	Johannes Stapf	Est. Duration: 5 hr 42 min
Eagle/Hawk	Tobias Donth	
MiRAC	Tobias Doktorowski	
AMALi	Erlend Knudsen	

POLAR 6

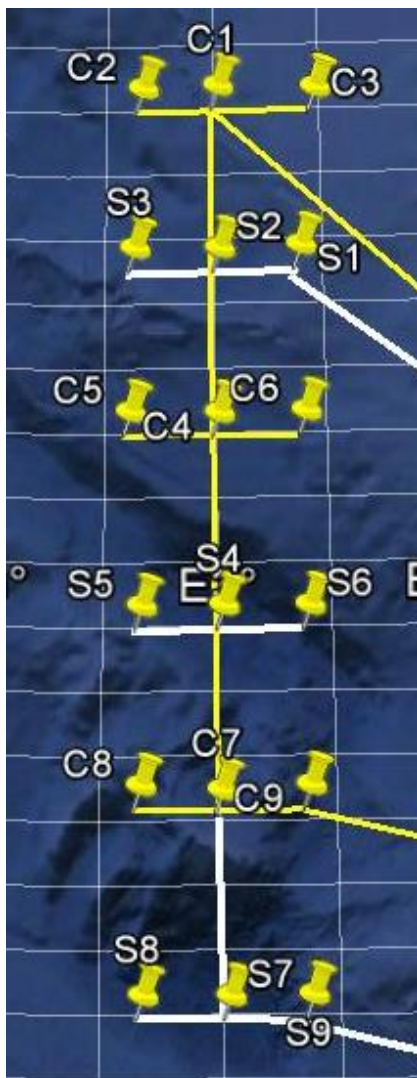
Crew: Mission PI	Mario Mech	Est. Take Off: 09:35 LT
AWI	Cristina Sans i Coll	
CVI	Stephan Mertes	Est. Duration: 5 hr 39 min
Aerosol I	Franziska Köllner	
Aerosol II	Oliver Eppers	
PMS	Guillaume Mioche	
PMS 2	Dmitry Chechin	



ACLOUD Flight 2017 06 20 Tuesday

Flight Plan (estimates of time for P5)

LYR → NA	10,000 ft :	62 Nm , 160 kn	23 min
NA → C1	10.000 ft	130 Nm, 160 kn	49 min
C2 ↔ C3	5 legs	16 Nm, 120 kn	60 min
C1 → C4	200 ft	30 Nm, 120 kn	15 min
C5 ← - > C6	5 legs	16 Nm, 120 kn	60 min
C4 → C7	200 ft	34 Nm , 120 kn	17 min
C8 < - - > C9	5 legs	16 Nm, 120 kn	60 min
C9 → NA	10.000 ft	94 Nm, 160 kn	35 min
NA → LY	10.000 ft	62 Nm, 160 kn	23 min



Polar 5:

LYR: 78° 14.816' N	15° 27.545' E
C1: 80° 29.994' N	3° 00.000' E
C2: 80° 29.722' N	2° 18.405' E
C3: 80° 29.746' N	3° 54.271' E
C4: 79° 59.754' N	3° 00.000' E
C5: 79° 59.816' N	2° 12.766' E
C6: 79° 59.872' N	3° 46.167' E
C7: 79° 25.004' N	3° 00.000' E
C8: 79° 25.387' N	2° 18.924' E
C9: 79° 25.399' N	3° 44.819' E

Polar 6

S1: 80° 15.188' N	3° 44.942' E
S2: 80° 14.945' N	3° 0.000' E
S3: 80° 14.945' N	2° 14.398' E
S4: 79° 42.027' N	3° 0.000' E
S5: 79° 41.941' N	2° 19.078' E
S6: 79° 41.977' N	3° 46.110' E
S7: 79° 25.004' N	3° 0.000' E
S8: 79° 5.997' N	2° 20.186' E
S9: 79° 6.086' N	3° 43.953' E

Dropsondes at
C1 C4 PS C1→LY

POLAR 6

Flight Plan (estimates of time for P6)

LY → S1	10.000 ft	180 Nm	160 kn	68 min
S1 < -> S3	5 legs	16 Nm	120 kn	60 min
S2 → S4	sawtooth	34 Nm	120 kn	17 min
S5 < -> S6	5 legs		120 kn	60 min
S4 → S7	sawtooth	37 Nm	120 kn	19 min
S8 < - S9	5 legs		120 kn	60 min
S9 -> LY	147 Nm		160 kn	55 min



Polar 5:

LYR: 78° 14.816' N	15° 27.545' E
C1: 80° 29.994' N	3° 00.000' E
C2: 80° 29.722' N	2° 18.405' E
C3: 80° 29.746' N	3° 54.271' E
C4: 79° 59.754' N	3° 00.000' E
C5: 79° 59.816' N	2° 12.766' E
C6: 79° 59.872' N	3° 46.167' E
C7: 79° 25.004' N	3° 00.000' E
C8: 79° 25.387' N	2° 18.924' E
C9: 79° 25.399' N	3° 44.819' E

Polar 6

S1: 80° 15.188' N	3° 44.942' E
S2: 80° 14.945' N	3° 0.000' E
S3: 80° 14.945' N	2° 14.398' E
S4: 79° 42.027' N	3° 0.000' E
S5: 79° 41.941' N	2° 19.078' E
S6: 79° 41.977' N	3° 46.110' E
S7: 79° 25.004' N	3° 0.000' E
S8: 79° 5.997' N	2° 20.186' E
S9: 79° 6.086' N	3° 43.953' E

Dropsondes at
C1 C4 PS C1→LY

