

## Flight plan for Sunday 25 June 2017

### **POLAR 5**

Crew: Mission PI	Christof Lüpkes	<b>Est. Take Off: 11:05 LT</b>
AWI	Lukas Kandora	
SMART	Johannes Stapf	<b>Est. Duration: 5 hr 42 min</b>
Eagle/Hawk	Tobias Donth	
MiRAC	Tobias Doktorowski	
AMALi	Erlend Knudsen	

### **POLAR 6**

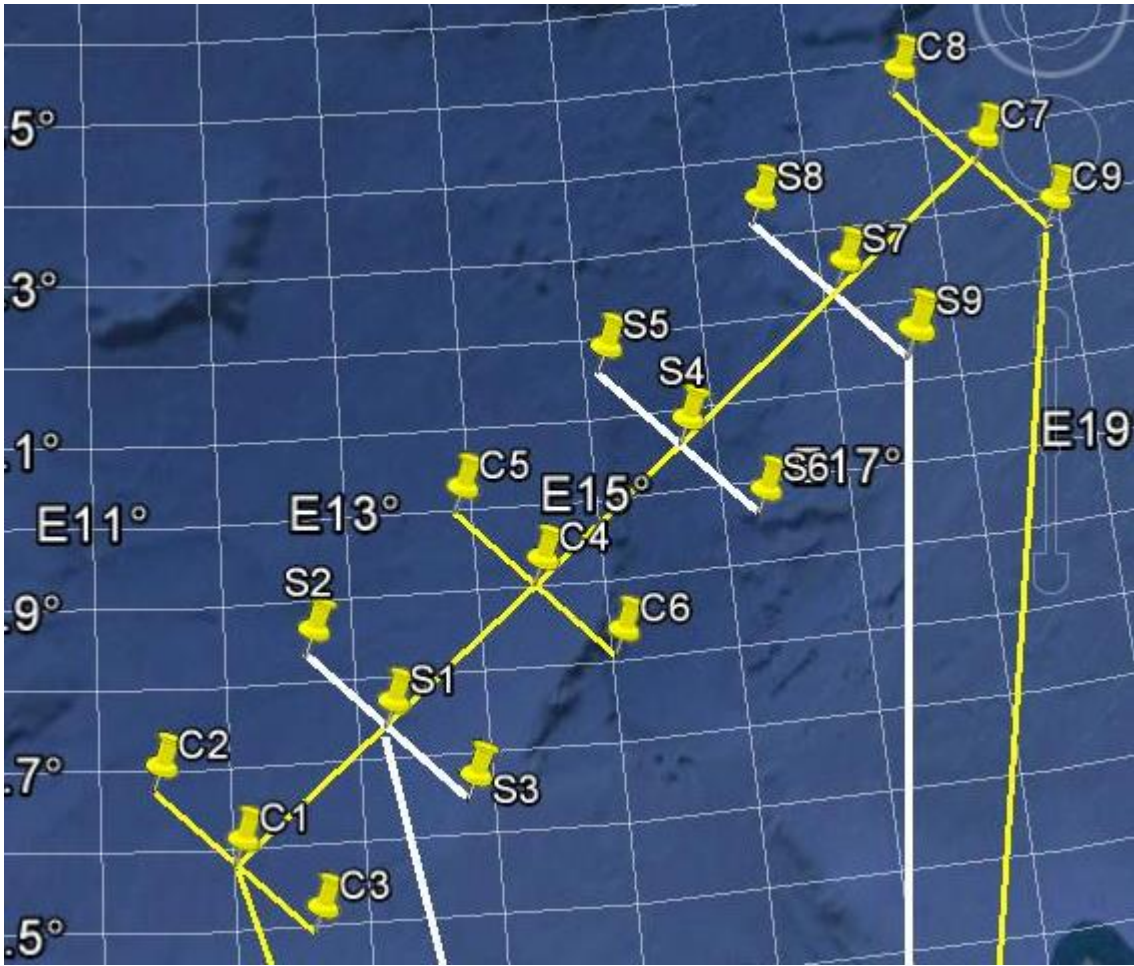
Crew: Mission PI	Mario Mech	<b>Est. Take Off: 11:00 LT</b>
AWI	Cristina Sans i Coll	
CVI	Stephan Mertes	<b>Est. Duration: 5 hr 27 min</b>
Aerosol I	Franziska Köllner	
Aerosol II	Oliver Eppers	
PMS	Guillaume Mioche	
PMS 2	Dmitry Chechin	

#### Flight Plan (P5)

LYR → C1	10,000 ft :	146 Nm , 160 kn	55 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	45 Nm , 120 kn	23 min
C8 <--> C9	5 legs	16 Nm, 120 kn	60 min
C9 → LY	10.000 ft	185 Nm, 160 kn	69 min

#### Flight Plan (P6)

LYR → S1	10,000 ft :	153 Nm , 160 kn	58 min
S2 ↔ S3	5 legs	16 Nm, 120 kn	60 min
S1 → S4	sawtooth	30 Nm, 120 kn	15 min
S5 <--> S6	5 legs	16 Nm, 120 kn	60 min
S4 → S7	sawtooth	15 Nm , 120 kn	8 min
S8 <--> S9	5 legs	16 Nm, 120 kn	60 min
S9 → LY	10.000 ft	177 Nm, 160 kn	66 min



**Polar 5:**

LYR: 78° 14.816' N	15° 27.545' E
C1: 80° 35.000' N	12° 00.000' E
C2: 80° 40.628' N	11° 24.215' E
C3: 80° 29.732' N	12° 34.449' E
C4: 80° 54.306' N	14° 25.636' E
C5: 81° 0.036' N	13° 50.689' E
C6: 80° 48.530' N	15° 0.325' E
C7: 81° 21.527' N	18° 21.578' E
C8: 81° 27.420' N	17° 45.207' E
C9: 81° 16.160' N	18° 52.074' E

**Polar 6:**

S1: 80° 44.593' N	13° 11.656' E
S2: 80° 50.224' N	12° 36.820' E
S3: 80° 38.751' N	13° 47.147' E
S4: 81° 3.583' N	15° 40.412' E
S5: 81° 9.477' N	15° 4.704' E
S6: 80° 57.735' N	16° 13.671' E
S7: 81° 13.836' N	17° 5.153' E
S8: 81° 19.174' N	16° 27.623' E
S9: 81° 7.804' N	17° 34.030' E