

ACLOUD Flight 2017 05 25

POLAR 5
Remote

Crew: Mission PI André Ehrlich
AWI Christoph Petersen Est. Take Off: 10:00 LT
SMART Michael Schäfer
Eagle/Hawk Elena Ruiz Est. Duration: 5.25 Hours
MiRAC Tatiana Nomokonova
AMALI Mario Mech

Waypoints: **NyA**: 78° 55.40' N, 11° 55.40' E
C1a : 78° 52.00' N, 12° 29.00' E **C1b** : 78° 59.00' N, 11° 21.00' E
C1c : 78° 49.00' N, 11° 36.00' E **C1d** : 79° 02.00' N, 12° 15.00' E
C2 : 80° 20.00' N, 5° 00.00' E
C3 : 80° 20.00' N, 0° 00.00' E
C4 : 79° 33.00' N, 0° 00.00' E
C5 : 79° 33.00' N, 5° 00.00' E
C6 : 78° 20.00' N, 5° 00.00' E
C7 : 78° 20.00' N, 0° 00.00' E
C8 : 77° 50.00' N, 0° 00.00' E
C9 : 77° 50.00' N, 5° 00.00' E

Flight Plan

LYR – C1a climb and stay at 10,000 ft: **60 NM @140kn**

→ **Cross leg C1a → C1b → C1c → C1d → C1a → C1b**

C1b – C2 at 10,000 ft: **110 NM @140kn**

C2 – C3 at 10,000 ft: **50 NM @140kn**

(release drop sondes at half way)

C3 – C4 at 10,000 ft: **50 NM @140kn**

C4 – C5 at 10,000 ft: **55 NM @140kn**

(release drop sondes at half way)

C5 – C6 at 10,000 ft: **80 NM @140kn**

C6 – C7 at 10,000 ft: **60 NM @140kn**

(release drop sondes at half way)

C7 – C8 at 10,000 ft: **30 NM @140kn**

C8 – C9 at 10,000 ft: **65 NM @140kn**

(release drop sondes at half way)

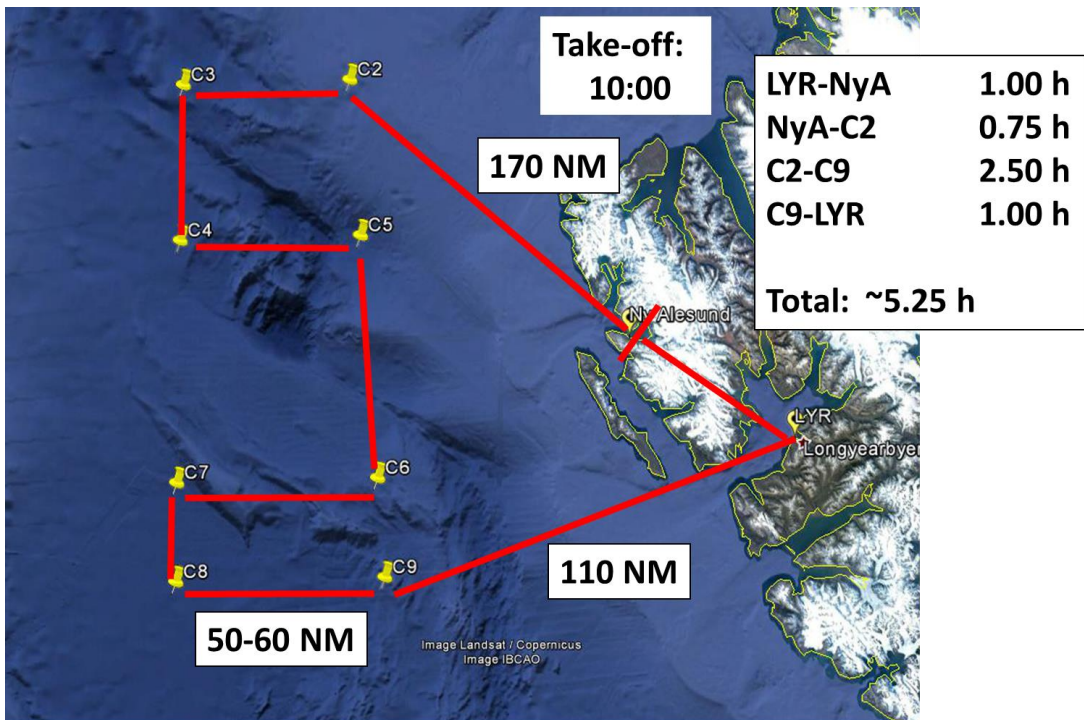
C9 – LYR at 10,000 ft: **130 NM @140kn**

(release drop sondes at half way)

If no drop sondes:

**Descend and ascent
between C2 and C4**

Total: **690+xx NM (1.00+0.75+2.5+1.0 = 5.25 hrs)**



Cross pattern above Ny Alesund

