

ACLOUD Flight 2017 06 23

Column over Ny-Alesund

POLAR 5
Remote

Crew: Mission PI Manfred Wendisch
AWI Lukas Kandora
SMART Johannes Stapf
Eagle/Hawk Elena Ruiz
MiRAC Pavel Krobot
AMALi Marek Jacob

Est. Take Off: 12:45:00 LT

Est. Duration: 2h 43 min

Waypoints: **C1:** 78° 51.463'N, 12° 29.979'E
NyA: 78° 55.421'N, 11° 55.377'E
C2: 78° 59.624'N, 11° 18.129'E
C3: 78° 50.973'N, 11° 43.244'E
C4: 78° 59.708'N, 12° 7.988'E
C5: 78° 59.180'N, 11° 17.155'E
C6: 78° 50.999'N, 12° 28.795'E
C7: 79° 00.023'N, 11° 19.019'E
C8: 78° 51.919'N, 12° 31.090'E

Flight Plan

LYR—C1 (be at C1 at least at 10000 ft definitely above clouds) **51 NM @FS 30 min**
from here on at least 10000 ft above clouds all @ 120 kn

cross pattern:

C1-C2	16 NM 8 min
C2-C3	10 NM 5 min
C3-C4	10 NM 5 min
C4-C1	10 NM 5 min

long legs pattern (TBD twice):

C1-C2	16 NM 8 min
C2-C5	0.5 NM 2 min
C5-C6	16 NM 8 min
C6-C1	0.5 NM 2 min
C1-C2	16 NM 8 min
C2-C7	0.5 NM 2 min
C7-C8	16 NM 8 min
C8-C1	0.5 NM 2 min

C1—LYR

51 NM @fs 30 min

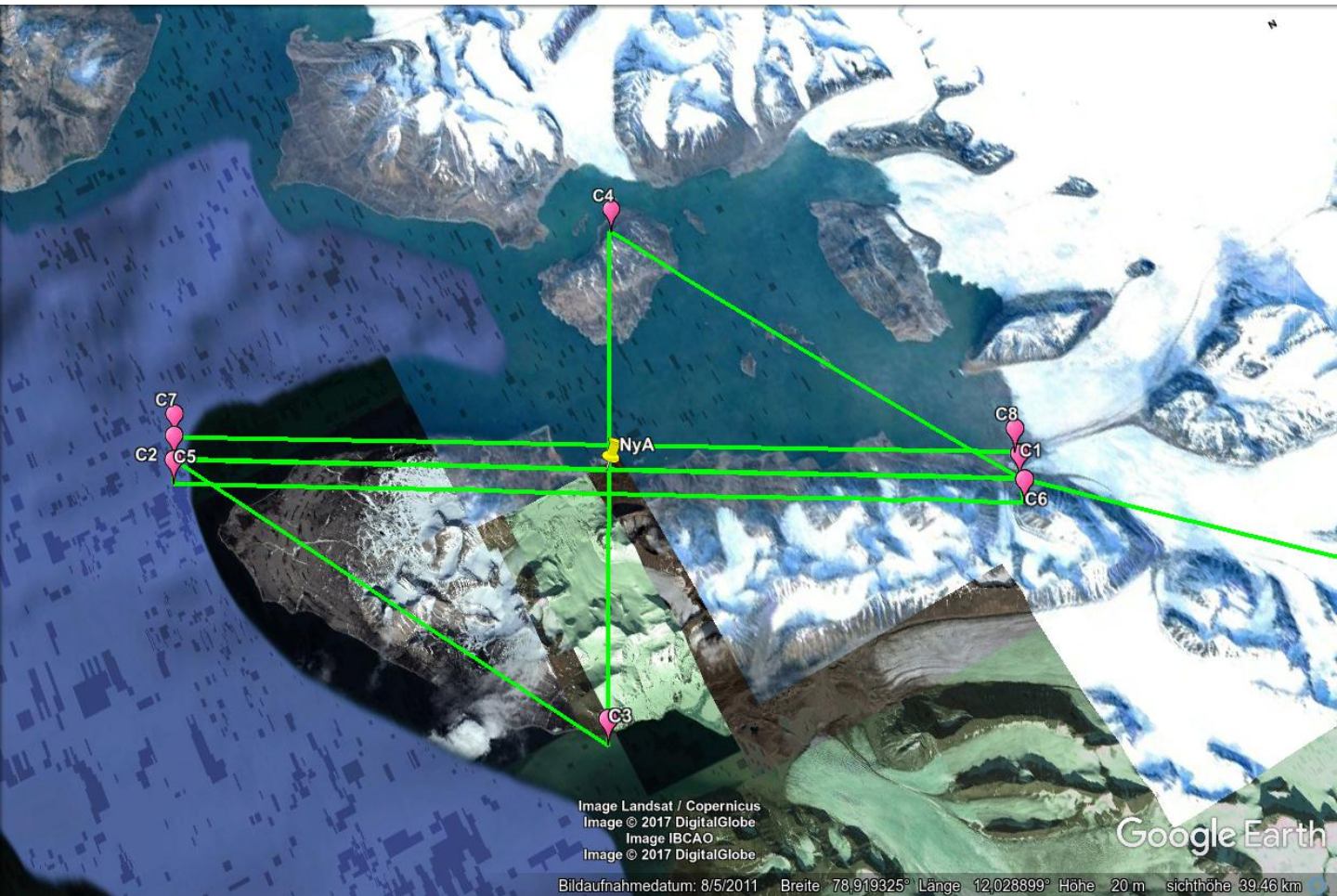


Image Landsat / Copernicus
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Google Earth

Bildaufnahmedatum: 8/5/2011 Breite 78,919325° Länge 12,028899° Höhe 20 m sichthöhe 39.46 km