



# Flight Plan for: 26 March 2021

**POLAR 6**

Take Off: 08:50 UTC  
Duration: 4h 40min

Pilots: NN KBAL  
NN KBAL

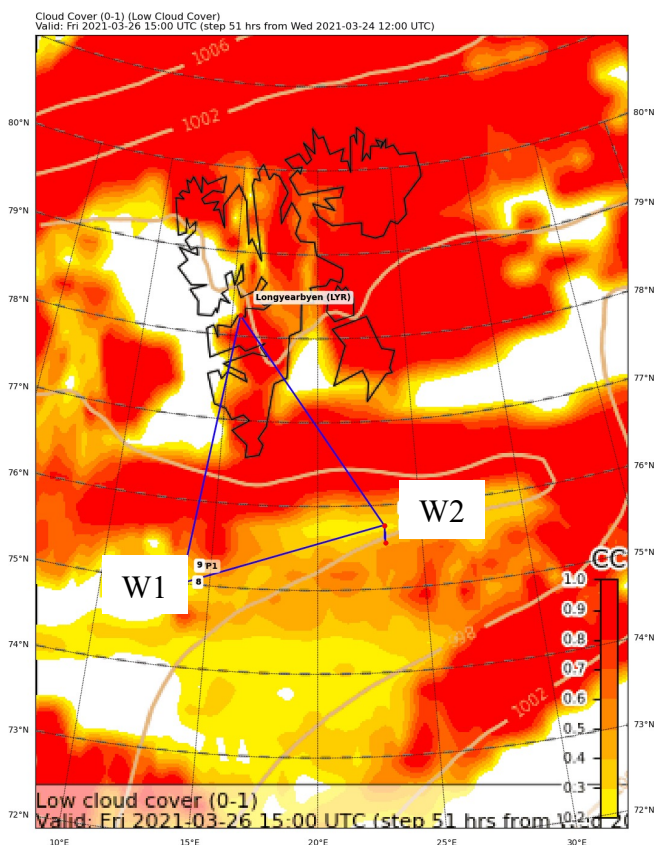
## Crew:

Mission PI	Andreas Herber
AWI Ing	Eduard Gebhard
CVI	Bruno Wetzel
Alabama/Trace	Hans Christian Clemen
PMS	Olivier Jourdan
Tropos/SP2	Sarah Grawe

## Waypoints:

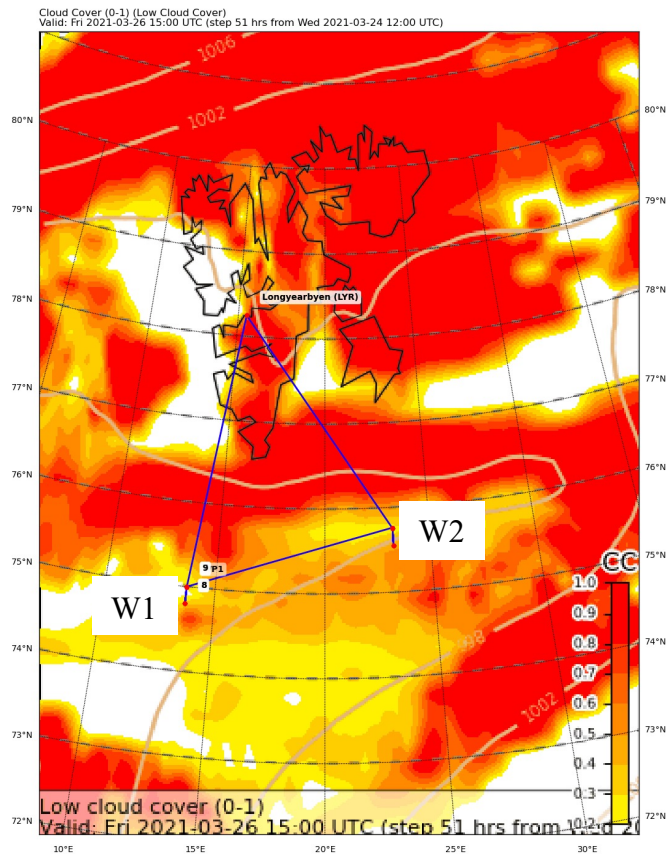
**LYR:** 78° 14.700' N, 15° 28.920' E  
**W1:** 74° 59.400' N, 13° 42.000' E  
**W2:** 75° 45.600' N, 23° 14.400' E  
**LYR:** 78° 14.700' N, 15° 28.920' E

## Overview Map:





## Detailed Map:



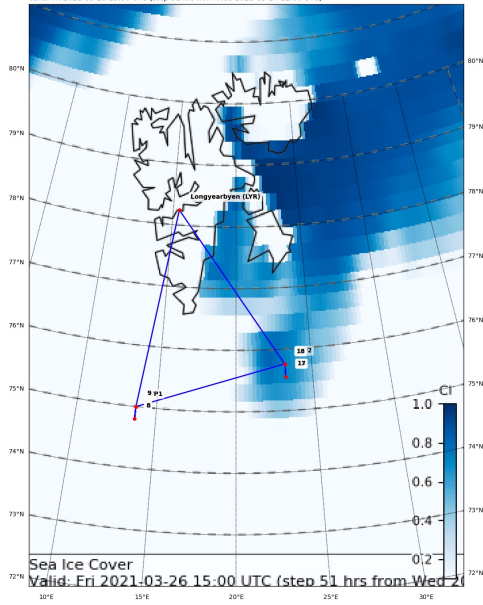
## Flight Plan (including drop sondes):

<b>LYR – W1 ascend FL 100: 197 NM @cruising speed</b>	<b>74 min</b>
<b>At W1 Different Flight levels at FL 2, FL 30, FL 60, FL 100</b>	<b>40 min</b>
<b>W1 – W2 at FL 100: 152 NM @ cruising speed</b>	<b>57 min</b>
<b>At W2 Different Flight levels at FL 2, FL 30, FL 60, FL 100</b>	<b>40 min</b>
<b>W2 – LYR ascend FL 100: 183 NM @cruising speed</b>	<b>69 min</b>
<b>Total:</b>	<b>4 hr 40 min</b>

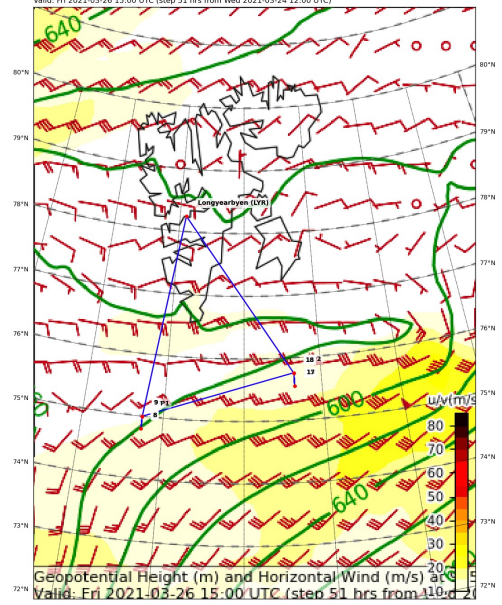


## Additional Maps:

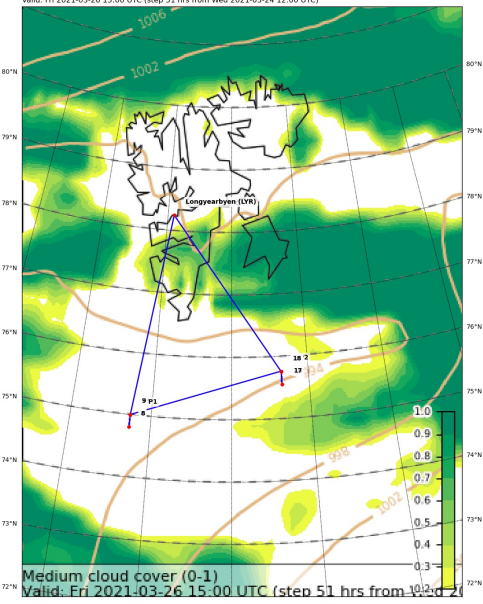
Sea Ice Cover Fraction (0-1) (pseudocolor plot)  
Valid: Fri 2021-03-26 15:00 UTC (step 51 hrs from Wed 2021-03-24 12:00 UTC)



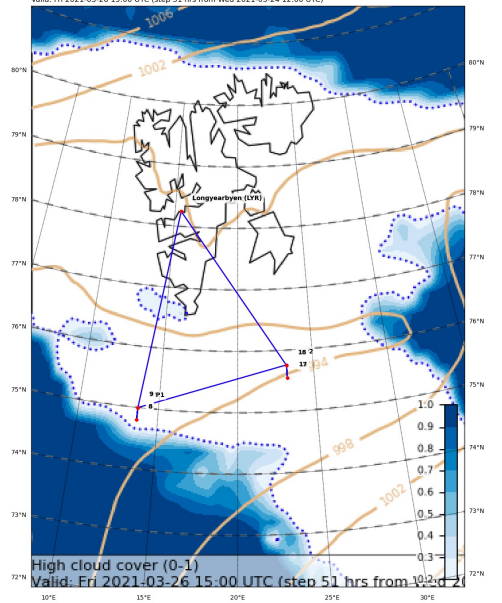
Geopotential Height (m) and Horizontal Wind (m/s) (Wind Speed 10-85 m/s) at 925.0 (Pa)  
Valid: Fri 2021-03-26 15:00 UTC (step 51 hrs from Wed 2021-03-24 12:00 UTC)



Cloud Cover (0-1) (Medium Cloud Cover)  
Valid: Fri 2021-03-26 15:00 UTC (step 51 hrs from Wed 2021-03-24 12:00 UTC)



Cloud Cover (0-1) (High Cloud Cover)  
Valid: Fri 2021-03-26 15:00 UTC (step 51 hrs from Wed 2021-03-24 12:00 UTC)



Cloud Cover (0-1) Vertical Section  
Valid: Fri 2021-03-26 15:00 UTC (step 51 hrs from Wed 2021-03-24 12:00 UTC)

