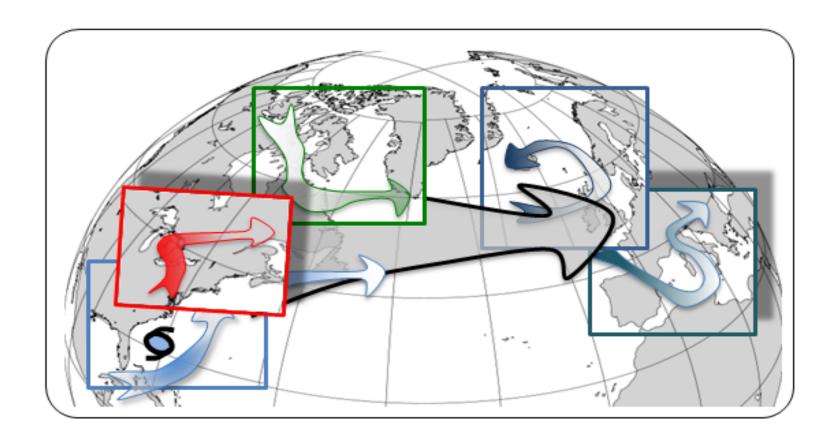
NAWDEX – General Planning Meeting

23 September 2016, Keflavik 11 UTC



NAWDEX – General Planning Meeting

23 September 2016, Keflavik 11 UTC

Key issues today

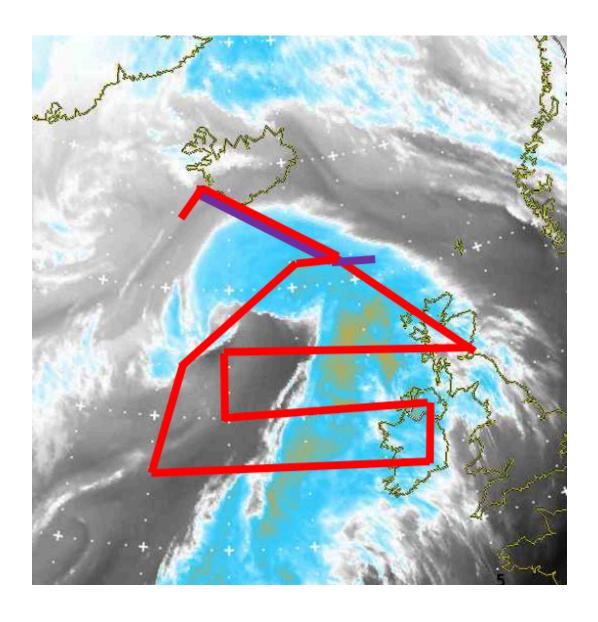
- 1. Today's exciting flights
- 2. Current situation & evolution until Wednesday 28 September
- 3. Discuss scenarios for flights on Monday.
- 4. Decide about NOTAM box.

NAWDEX – General Planning Meeting

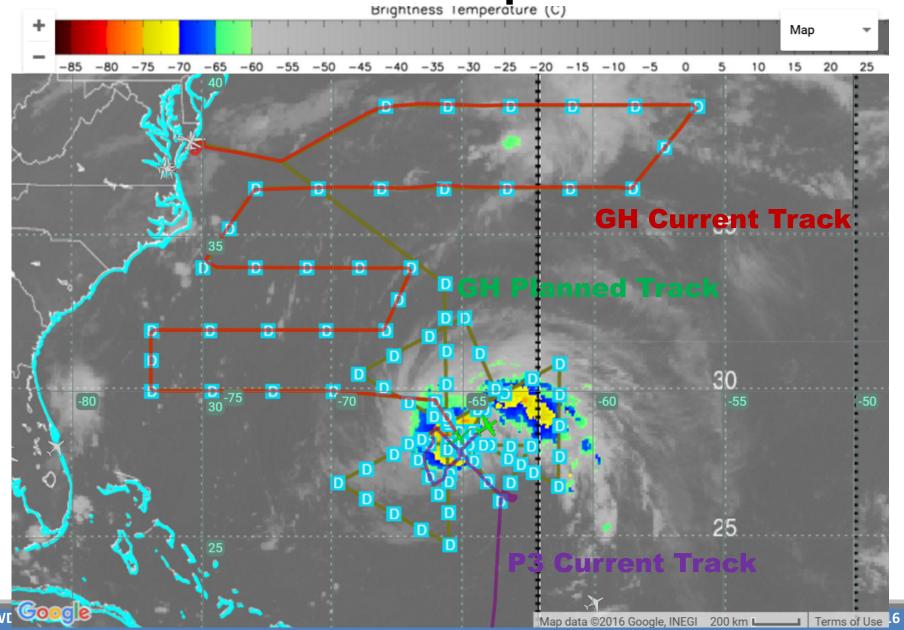
23 September 2016, Keflavik 11 UTC

- 1. Key information from previous flight (2 minutes)
- 2. Aircraft status report by FX-Operations
- 3. Instrument status report by Instrument Manager
- 4. Short weather summary
- 5. Discussion about flight patterns next Monday
- 6. Report of Ground-Based Observation coordinator
- 7. Announcement of tentative plans for Day+3
- 8. Coordination with other aircraft (Input from other groups)

Exciting flights of HALO, Falcon and FAAM today

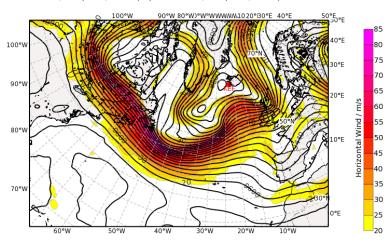


SHOUT Global HAWK Flight Over Karl 1000 UTC 23 September

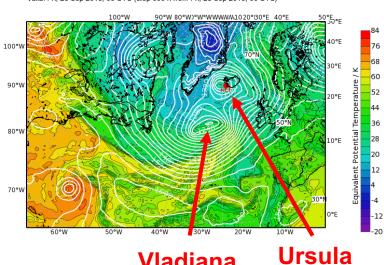


Analysis – 23 Sep 2016, 00 UTC

Geopotential Height (m) & Horizontal Wind (m/s) at 300 hPa Valid: Fri, 23 Sep 2016, 00 UTC (step 000 h from Fri, 23 Sep 2016, 00 UTC)

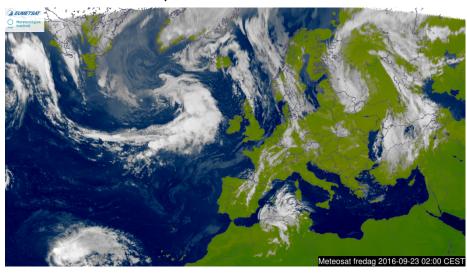


Equivalent Potential Temperature (degC) & Streamlines at 850 hPa Valid: Fri, 23 Sep 2016, 00 UTC (step 000 h from Fri, 23 Sep 2016, 00 UTC)

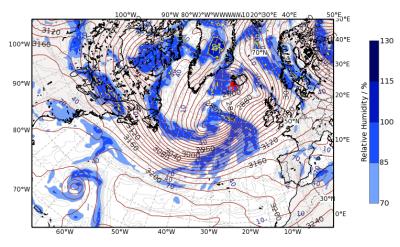


Vladiana

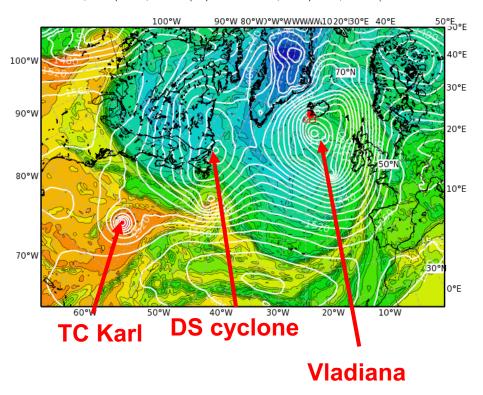
Z300, SAT THE850, RH700



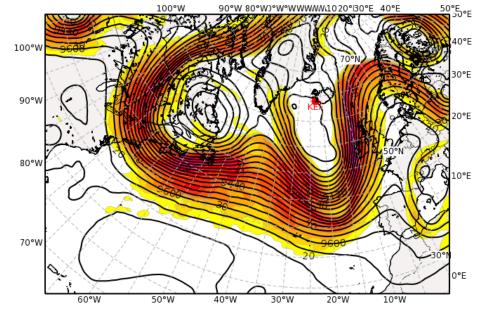
Relative Humidity (%) and Z (m) at 700 hPa Valid: Fri, 23 Sep 2016, 00 UTC (step 000 h from Fri, 23 Sep 2016, 00 UTC)



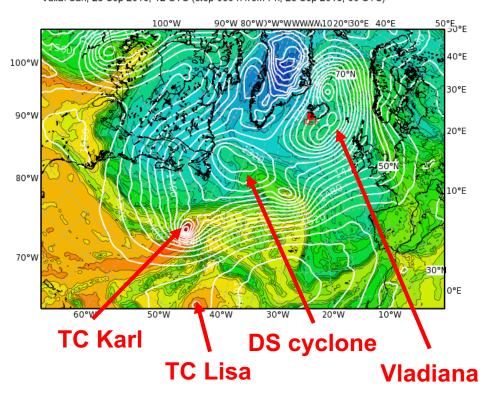
Equivalent Potential Temperature (degC) & Streamlines at 850 hPa Valid: Sat, 24 Sep 2016, 12 UTC (step 036 h from Fri, 23 Sep 2016, 00 UTC)



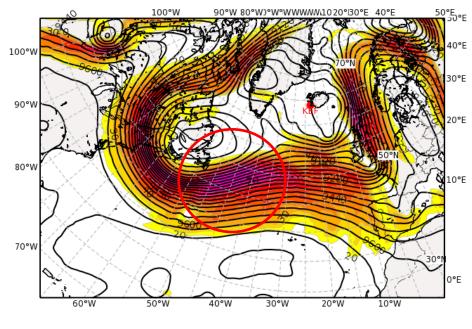
Geopotential Height (m) & Horizontal Wind (m/s) at 300 hPa Valid: Sat, 24 Sep 2016, 12 UTC (step 036 h from Fri, 23 Sep 2016, 00 UTC)



Equivalent Potential Temperature (degC) & Streamlines at 850 hPa Valid: Sun, 25 Sep 2016, 12 UTC (step 060 h from Fri, 23 Sep 2016, 00 UTC)

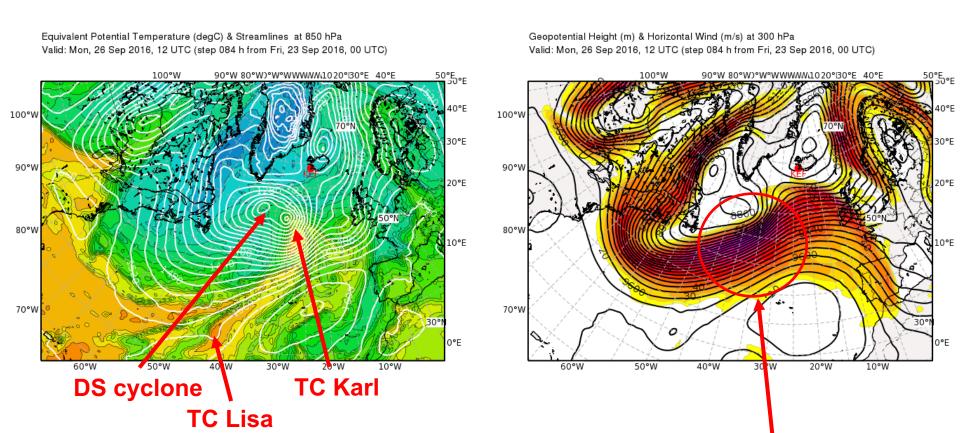


Geopotential Height (m) & Horizontal Wind (m/s) at 300 hPa Valid: Sun, 25 Sep 2016, 12 UTC (step 060 h from Fri, 23 Sep 2016, 00 UTC)

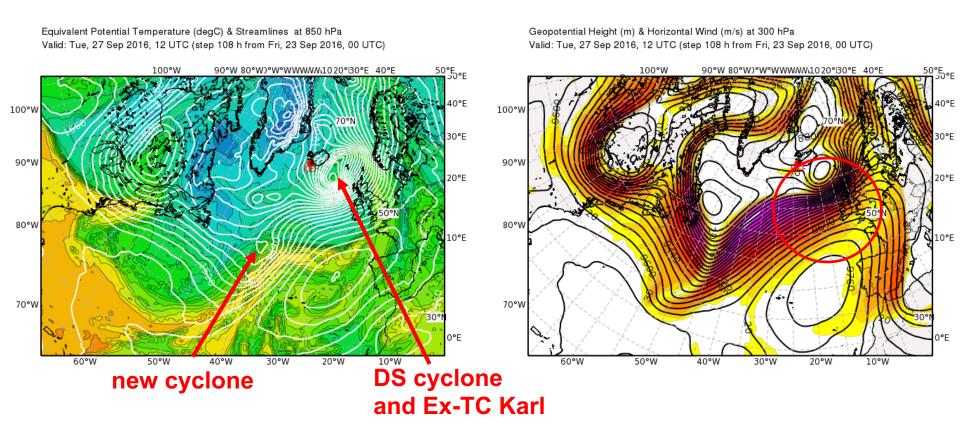


windy conditions north of UK

Precipitation & windy conditions in UK and Ireland

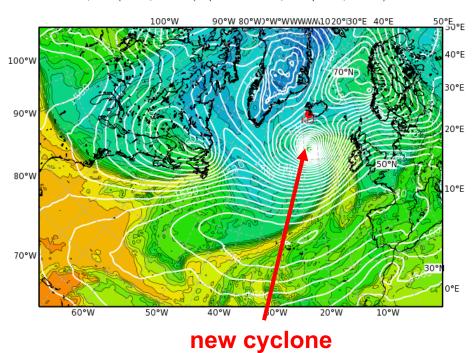


Extremely strong jet

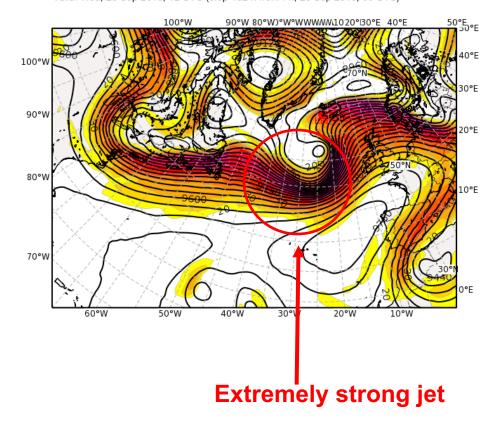


Stormy conditions in UK, Ireland, Norway

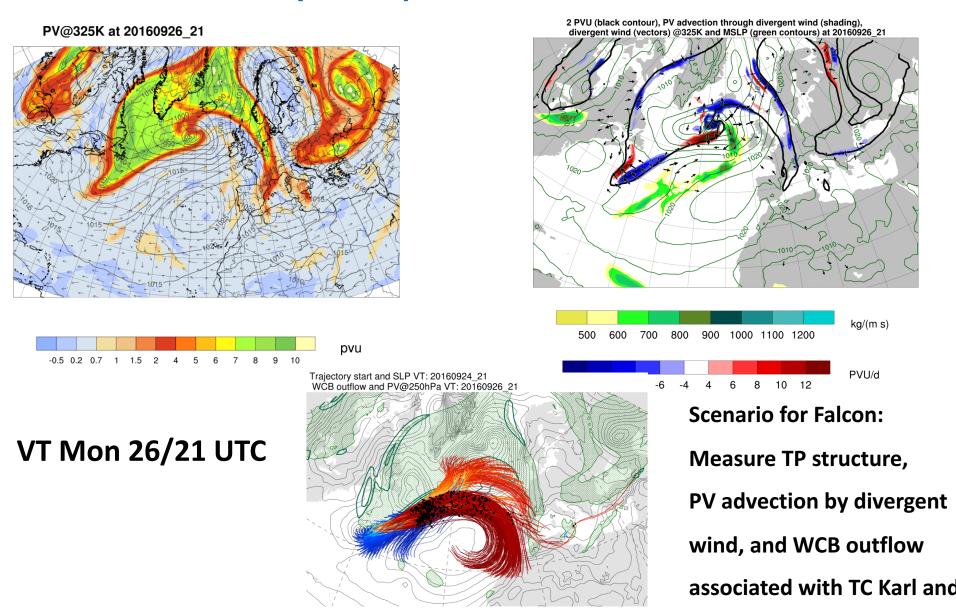
Equivalent Potential Temperature (degC) & Streamlines at 850 hPa Valid: Wed, 28 Sep 2016, 12 UTC (step 132 h from Fri, 23 Sep 2016, 00 UTC)



Geopotential Height (m) & Horizontal Wind (m/s) at 300 hPa Valid: Wed, 28 Sep 2016, 12 UTC (step 132 h from Fri, 23 Sep 2016, 00 UTC)



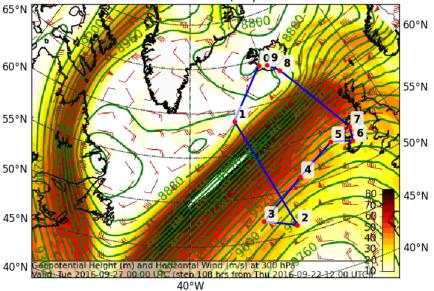
Outlook for Monday, 26 September, 21 UTC



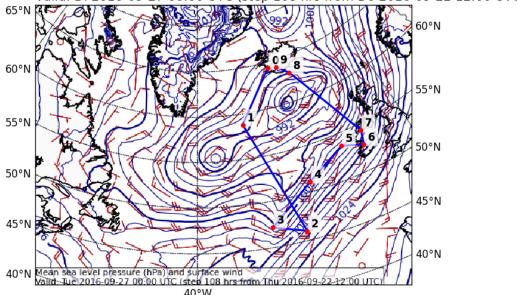
DS cyclone.

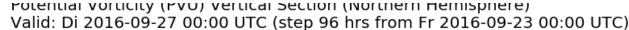
Outlook for Monday, 26 September, 18 UTC: Scenaro 1 for HALO Geopotential Height (m) and Horizontal Wind (m/s) (Wind Speed 10-85 m/s) at 300 (hPa)

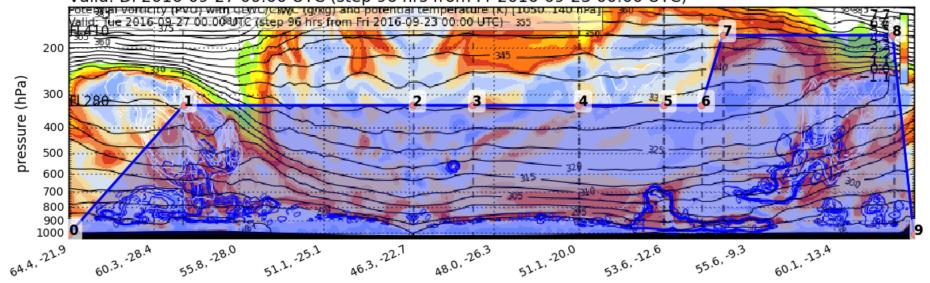
Valid: Di 2016-09-27 00:00 UTC (step 108 hrs from Do 2016-09-22 12:00 UTC)

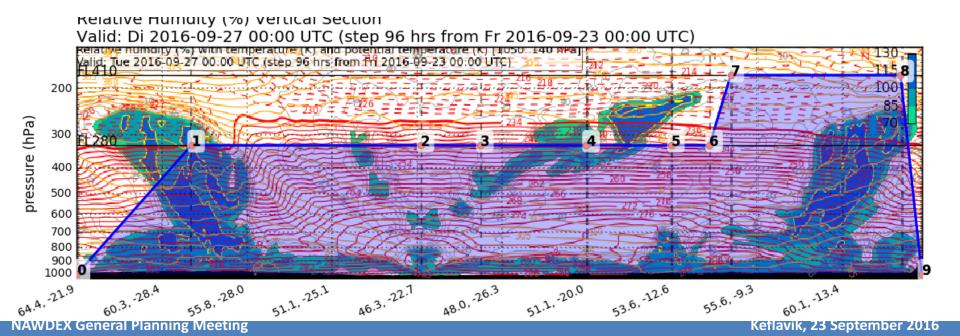


Mean Sea Level Pressure (hPa) Valid: Di 2016-09-27 00:00 UTC (step 108 hrs from Do 2016-09-22 12:00 UTC)

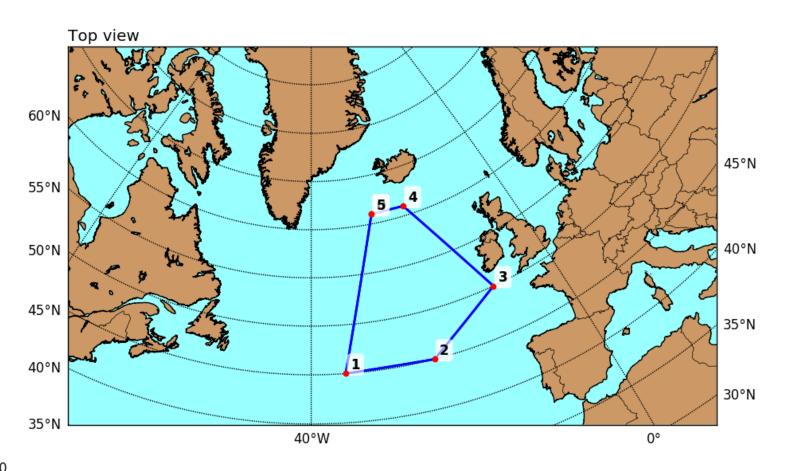




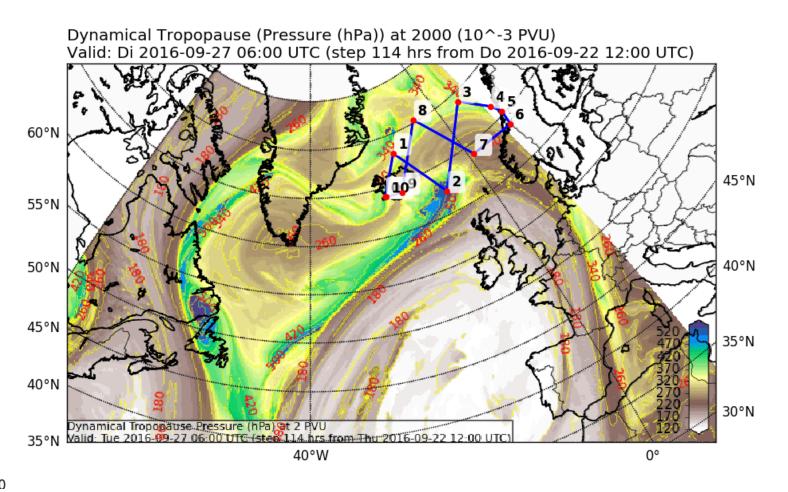




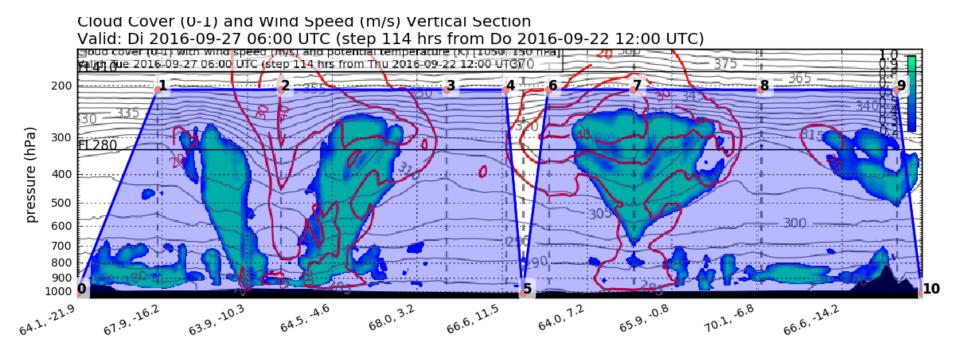
NOTAM

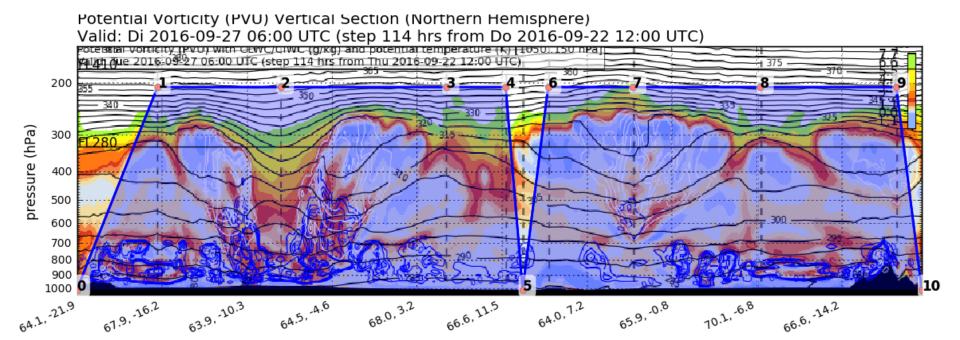


EPSG:77760320

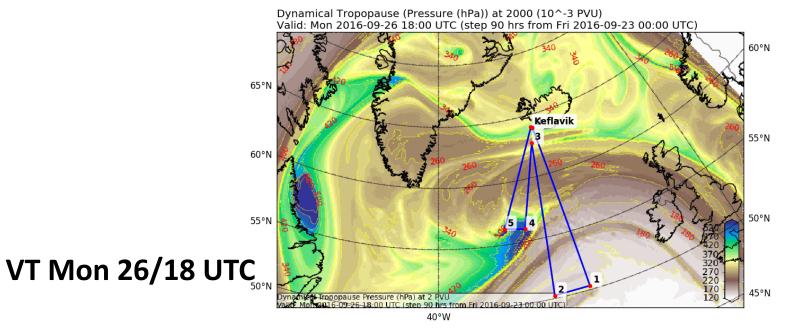


EPSG:77760320

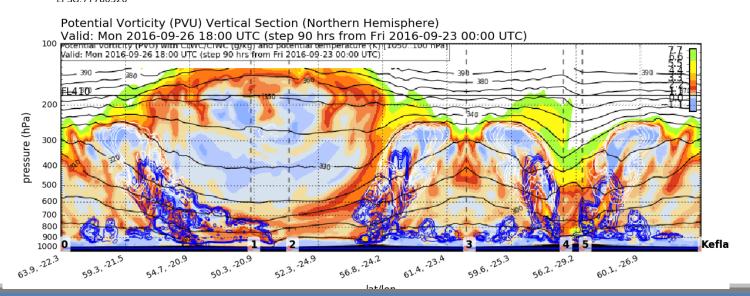




Outlook for Monday, 26 September, 18 UTC: Scenaro 2 for HALO



EPSG:77760320



Summary plans

- Exciting mission today
- Saturday day off
- Most likely next mission on Monday, 26 September
 - Today: define NOTAM box
 - Preliminary flight plan