

Adverse Weather Operations at UAC Karlsruhe



DFS Deutsche Flugsicherung

Current Situation

- Daily report of expected WX Situation by German MET Office, delivered electronically.
- Whenever necessary/desired, telephone exchange with MET Office will be initiated.
- Special Weather Display Tool „MetFrog“ (geographical map):
 - available at Supervisor and ATCO working positions
 - Current WX situation
 - Forecast of movement and development of precipitation/thunderstorm areas and of lightning situation (Nowcast).
- Close reporting from ATCOs about situation/development.
- Information from adjacent ANSPs about situation/expectation.

Current Situation: Measures

- Regulations based on the anticipation of the impact of WX development.
- No Pretactical Measures

New Procedure for 2018

Alpine Weather Trial

Alpine Weather Trial

- EDDM/EDDS/EDDN Inbounds from the South (crossing the Alps) normally descend below EDUU airspace and are being transferred from Padua ACC to Munich ACC.
- In case of adverse weather, flights are unable to descend and enter Karlsruhe UAC as additional traffic.
For these flights there is no procedure to transfer them to Munich airspace. Those flights are too high for a normal arrival.
- As this traffic was unknown to EDUU, we have no idea about the number of flights to be expected and even worse, we have never planned the capacity to work those flights.
- In addition, adverse weather over the Alps very often affects the respective EDUU sectors as well, so that they already suffer from a higher workload.

Alpine Weather Trial

- A cross border working group was formed by ENAV, AustroControl, SkyGuide, DFS Munich and DFS Karlsruhe to develop a better procedure for this case.
- Discussed Solution:
 - Alternative routings into EDDM/EDDS/EDDN through AustroControl and SkyGuide airspace are in the process of definition, in order to unload EDUU and make the situation more plannable.
 - Whenever one of the participating ACCs/UACs feel the need, a telephone conference amongst the operational supervisor of all four ACCs/UACs will be initiated (on short notice).
 - In this TelCo, it will be clarified, how many and which flights can be taken on which of the alternative routings.
 - This way a more stable and plannable traffic flow will be initiated.