

Karlsruhe UAC 2019/2020

Facts and Figures, Experience and Partnering

Karlsruhe UAC

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DFS Deutsche Flugsicherung

Facts and Figures – Karlsruhe UAC 2019

Staffing Situation, Sector Configurations and Delay

- Tight staffing situation (less ATCOs than 2018)
Not all required sectors could be provided (according to demand).
- Already high delays in Jan-Mar due to staff shifting towards summer
- Throughout the day: Sensitive balancing between protecting first rotations against and night curfews.
- As of June 1st, agreement with union and workers council concerning additional shifts of operational staff (~1700 assigned up to Dec. 2019).
 - Daily delay was significantly lower than expected
 - Provision of improved and more robust sector opening scheme.
 - Continuous adaption of eNM2019 measures.
- Total # of flights (YTD Nov. 2019): 1.681.658 (-1,8% to 2018)
- Forecast ADM 3.0 Min/flt. incl. eNM measures → ~ 5.000.000 Min.
- Delay YTD Nov. 2019, no WX: ~ 2.940.000 Min. (incl. Re-attrib.) (ADM ~1,7)

Experience – Karlsruhe UAC 2019

- eNM 2019
- Staffing, Sectorization, Delay until 31st May 2019 and later
- Exchange with NM/NMOC
 - Exchange with NM concerning PostOps possibilities (Dynamo)
 - Operational Exchange with NMOC staff
 - Knowledge exchange and points of view (at NMOC and KUAC)
 - Development/Trial of new procedures (Flow Optimization Trial, in cooperation with MUAC)
- Exchange with other ANSPs
- Exchange with customers (Rhein Radar Dialogue, OpsRoom Visits, AOG)
- “Fly as you File” → Sector Adherence
- WX (xBorder WX Trial, DWD, general impact)

Partnering for Operational Excellence 2020

- eNM 2020 - Coordinated Network Wide Systematic Approach
 - Solutions with least possible impact and best outcome for the network.
 - Balanced and transparent procedures.
 - Supporting stability throughout the network.
- Exchange with NM/NMOC
 - Maximum usage of mutual experience and adjusting each others point of view.
 - Finding new ways of solving problems.
 - Big data analysis tools to learn from the past.
- Exchange with other ANSPs (exchange, new ideas, common practices)
- Exchange with Customers
- FABEC meetings to bring new ideas to a broader audience.
- Improving WX operations
(understanding, data distribution, tools, exchange and expectations)

The Figures, the Experience, the Partnering

Thank you very much for your attention !

Any questions ???

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