

Operational evaluations

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Operational evaluations


- Preparing the way to CP1-AF6 deployment
- Preparing ADS-C Data usage beyond the requirement of CP1-AF6 at short term:
 - Extended TMA
 - Traffic inbound/outbound to Complex European Airports
 - Heavy and complex traffic in limited Airspace
 - Traffic Area with mixed flows (Cruise and Evolutive)
- Providing Enhanced Knowledge of ADS-C Data usability by ANSP/ATCOs
 - Familiarize ATCOs with the ADS-C Data (#1500 + 350 ATCOs involved in live trials and around 50 in DIGITS)
 - Provide material for future working methods
- Validating the use of the ADS-C Common Service live



Operational evaluations

Arrival management / Traffic sequencing (Extended AMAN)

- Display of Estimated Time of Arrival (ETA) on key waypoints
- Display of ETA min/max on a strategic fix
- Use of Speed Schedule at Top of Descent (TOD)




Consistency check (2D or 3D)

- Display of 2D Trajectory elements
- Display of Top of Climb (TOC)



Facilitate Continuous Descent

- Meteo info.
- Use of Speed Schedule in Descent
- Display of Top of Descent (TOD) position



Conflict Detection and Resolution

- Integration of EPP in ground Trajectory Prediction to assist Controller decision

★ *Real operations*

★ *Post-flight simulation based on recorded data*

▭ *ADS-C data used for operations*

THANK YOU FOR YOUR ATTENTION

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