DSNA iterative and collaborative summer ATFCM plans



BUILDING COLLABORATIVE SHORT TERM SOLUTIONS FOR SAFER AND MORE EFFICIENT NETWORK OPERATIONS

ANSP

Involved in ATFCM measures interface stability

ADHERENCE

ON TIME & FLIGHT EFFICIENT OPERATIONS

AIRLINES

- flight centric approach
- user preferred route (UPR)

OPTIMISING CAPACITY

DSNA

traffic flow predictability For network stability

- flow centric approach
- flight plan adherence

SHARED ACTION PLAN FOR SAFETY AND IMPROVED AIR TRAFFIC MANAGEMENT

CFSP

simple and homogeneous coding of ATFCM measures

NETWORK MANAGER

anticipated and planned ATFCM information

- European network stability
- ATFCM measures consistency

MCP and STAM*

32018

comprehensive and coordinated set of ATFCM measures

MAC

- cost benefit analysis of implemented measures
- collaborative advanced planning
- collaborative post ops process



ATFCM: Air Traffic Flow and Capacity Management

Flexible RAD linked to scenario activation+ new RAD measures

> Mandatory rerouting and level-capping scenarios

Expanding CAP* 10 traffic flows

march 1st 2018

More flight efficient airspace design and advanced FUA in Bordeaux ACC

SESAR

National coordination for best regulation strategy

MAC 2018 - STARTS MARCH 29TH 2018

Fine-tuned ATFCM measures and airspace design where and when needed

*Mandatory Cherry Picking (MCP) and Short Term ATFCM Measures (STAM): flight level capping and minor reroutings **collaborative Advanced Planning (CAP): quided collaborative

***collaborative Advanced Planning (CAP): guided collaboration using dsna.fr interface



MINISTÈRE DE LA TRANSITION ÉCOLOGIQUE ET SOLIDAIRE

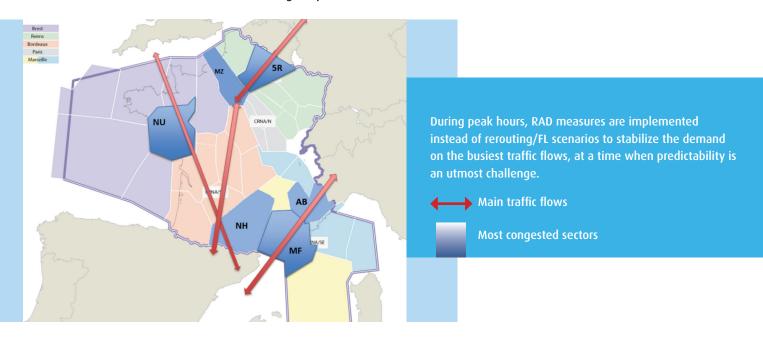


Ministère de la Transition écologique et solidaire

MAC

The 5 French ACC worked closely together and agreed upon a third coordinated ATFCM plan set to best organize traffic flows in the French airspace during the busy summer season. The objectives remain to help ensure the highest levels of safety and push back the need for traffic regulations, thus minimizing en-route delay.

The MAC plans are put together under the aegis of the Network manager and with the objective to particularly address the most delay contributor French control sectors identified during the previous summer.



EXPANDING MAC PROCESSES TO THE CORE AREA TRAFFIC FLOWS









KARLSRUHE ACC

REIMS ACC

MAASTRICHT ACC

LONDON ACC

The 4 En route Centers ATFM initiative bring together the 4 most concerned ANSP in the core area to define the best set of coordinated ATFCM measures to deliver short term solutions to minimize the delay in the busiest area of the European airspace and address in particular MUAC and Karlsruhe high difficulties. MAC18 plan was coordinated with the 4 ACC initiative through the Network Manager and potential French delay-reduction measures were carefully assessed so that only those that would not increase delay in the rest of Europe were implemented.

Therefore, DSNA also prepared an organization to be able to quickly coordinate between the 5 french ACC in case of traffic overload in order to implement the most efficient and precise regulations over the French area to ensure safety at a minimal cost for airlines.

