

## **FRA Lessons**

SC OPS - AOG – Zurich  
19th June 2018

## What do we learnt?

59/08

Collect lessons learnt from MUAC and DFS FRA implementations at FABEC level

## **Keep high level of capacity : previous work is very important**

- Description of points and RAD restrictions
  - The FRA need to be well design and structured:
    - The connections between lower level and upper
    - The connections with other ACC
    - The main flows
- Creating a DRA airspace could limit some flight planning risks
- All military area need to be under FUA gestion
- Training
  - DFS 1 day per controller

## Communication plan

- Building a communication plan
  - Other ANSP
  - Regulator
  - CFSP
  - AO
- Support on flight planning
  - Face to face meeting and Workshop
  - Website
  - CFSP

## AIS Issues

- MUAC : Cross border publication
  - One FRA : different countries, different laws
  - FRA limits are different from Countries limits
    - France (not FRA country) but GTQ area control by to MUAC
    - German ALS, MIC area ATS delegated to Denmark
- Cross border FBZ
  - Ex CBA 1
    - FBZ in published in Belgium AIP till the boundary,
    - How can we publish the French part?

## FUA GESTION LFTSA10 LFTSA34

- Safety issues :Validation of flight plan based only on initial EOBT
  - Tolerance of departure : -5/+10
  - Wind impact
  - CTOT with important delay

- Use of DCT  
TSA34

	cycle 18/03	cycle 18/04	cycle 18/05
Potential	19301	27252	21635
Real	10685	14445	11558
%	55,4%	53,0%	53,4%

- TSA 10 cycle 17/11: 25%, cycle 18/05 : 71%

## CFSP issues

- RAD issues
  - RAD becomes too big (for human processing)
  - Difficulties to understand/interpret RAD restrictions
- Invite CFSP early in the process
  - To participate on building the new RAD
  - To have a pre-testing one year
  - To participate in joint tests with NM
- Support during the cutover phase
- Manuel update of flight planning data base is very complex

# FRA Implementation

PMT 35 05<sup>th</sup> JUN 2018

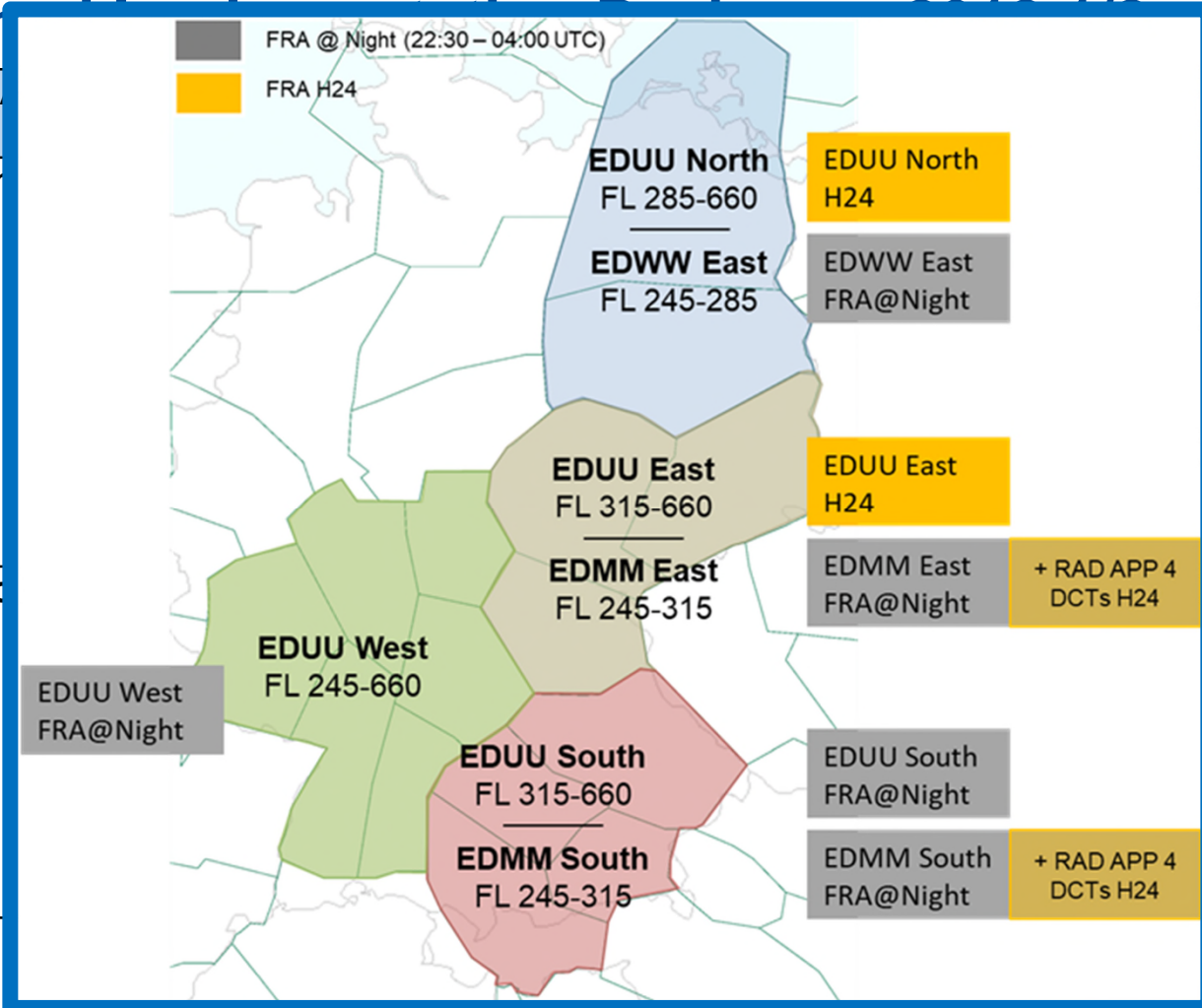


## Planned Implementation Packages 2018 2/2

ACC / UAC	Description	No. RAD DCTS	AIRAC Date
<b>Karlsruhe UAC</b>	<ul style="list-style-type: none"> <li>Implementation of FRA during night in FRA Cells West and South</li> </ul>	several	01MAR18
	<ul style="list-style-type: none"> <li>Implementation of FRA H24 in FRA Cells East and North</li> </ul>	several	01MAR18
	<ul style="list-style-type: none"> <li>Increase of the availability of RAD APP4 DCTS and FRA DCTS</li> </ul>	several	06DEC18
<b>Maastricht UAC</b>	<ul style="list-style-type: none"> <li>Increase of the time availability of MUAC FRA from availability during night to availability during night and weekend: MON – THU 23:00..05:00 (22:00..04:00) and FRI 23:00 (22:00) – MON 05:00 (04:00)</li> </ul>	several	06DEC18

# Plan

ACC / U
Karlsruh
Maastric



IRAC
ate
1MAR18
1MAR18
6DEC18
6DEC18



PCP target

# Medium term implementation

