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# STUDY TOUR on “ATM & ATC; AVIATION SAFETY AND SECURITY”

Germany - Belgium - France, 15-19 May 2006

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## ISSUES

1. ST VISITS & SESSIONS

2. BLUE PAPER ON AVIATION

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# 1. ST VISITS & SESSIONS

## ST visits & sessions

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1 ► DAY 1

2 ► DAY 2

3 ► DAY 3

4 ► DAY 4

5 ► DAY 5



## ST visits & sessions

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## DAY 1

## DFS - the German Air Traffic Control Agency

- The German Airspace: flight information regions and radar control centres
- Aeronautical data management
- DFS Crisis Management procedures and practices
- DFS Preparations to implement Single EU Sky Initiative in Germany
- DFS Strategy for integrating satellite Navigation into ATM
- Training (Air Navigation Services Academy)

## Guided visit to Frankfurt Airport

- Safety procedures at the airport
- Security applications at the airport

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## DAY 2

## The Role of the Federal Ministry in civil aviation

- Functions & competencies
- Policy & implementation
- Challenges in integrating EU aviation policy and regulations
- Mandate and functions assigned to Airport Operators
- Preparations in view of future developments in EU aviation policy

## **EASA - Air Safety and environmental standards at the European level**

- **Mission, current and future competencies**
- **Licensing functions between EASA and National Authorities**
- **EASA contribution to Single Sky, SESAME & GALILEO**
- **Similarities and differences from JAA**
- **Possibilities to participate as observers in EASA**

## Federal Office of Civil Aviation (LBA) - Regulatory Authority

- Mission, current and future competencies
- Historical background & creation of LBA
- Mission, tasks, organisation and structure
- LBA relations with JAA and EASA
- Monitoring implementation of aviation regulations in Germany
- LBA in respect of future developments in EU aviation

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## DAY 3

## Aviation Transport Policy and Legislation in EU - DGTREN F2 & F3

- Milestones in European Aviation Policy & Legislation
- Prerequisites in achieving a common EU-MEDA aviation area
- Upcoming efforts on EU-MEDA cooperation in aviation
- The future of ATM in EU: Single European Sky Initiative
- Technical implementation of the Single Sky (SESAME)
- Perspectives in extending Single European Sky to MEDA region

## The role of Airline Associations (Europe)

- Objectives - Internal structure
- AEA Action Plan
- AEA position on ATM initiatives, on EU policy, on financing etc
- Functioning vis-a-vis Member Airlines
- AEA & Open Aviation Area
- AEA views on airline-airport relations

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## DAY 4

## **EUROCONTROL - Pan-European Air Traffic Management**

- Overview (mission, tasks, organisational structure)
- ATM in Europe and the role of EUROCONTROL
- Accomplished and future ATM projects
- SESAR
- Central Route Charges Office
- Presentation of the Central Flow Management Unit

## The role of Airport Associations

- ACI Europe overview
- Airport Safety and Security
- The perspective of ACI on ATM

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## DAY 5

## European Civil Aviation Conference (ECAC)

- Introduction to ECAC mission, activities, internal structure
- Relations with ICAO, EUROCONTROL & EASA
- Position and contribution of ECAC to the future of EU aviation
- ECAC initiatives
- ECAC and EU Aviation policy

## International Civil Aviation Organization (ICAO)

- Introduction to ICAO EUR/NAT mission, activities, structure
- Relations with JAA, EUROCONTROL & EASA
- Current projects related to ATM, aviation security and safety
- Position of ICAO EUR/NAT on SES, SESAR and GALILEO

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## 2. BLUE PAPER ON AVIATION

# BLUE PAPER

- 1 ► **CURRENT POSITION**
- 2 ► **BLUE PAPER DIRECTIONS ON AVIATION**



## **CURRENT POSITION in MEDA countries**

### **A) ATM**

- Solid steps already taken to upgrade ATM on infrastructure, equipment, procedures & techniques
- Two initiatives already in progress (EMAC, AEFMP) to coordinate, harmonise & integrate ATM at multilateral level

### **B) AIR SAFETY & SECURITY**

- ICAO safety audits in all MEDA countries on specific safety matters such as licensing, operations, airworthiness
- Some MEDA countries already adopting safety standards of JAA (Cyprus, Malta, Turkey, Tunisia)

# FUTURE DIRECTIONS

## A) Consolidated Airspace

- ATM integration between EU & MEDA constitutes an **ABSOLUTE NECESSITY**
- Three steps to accomplish the ultimate objective of regional ATM integration
- **STEP 1: Technical & financial support for the successful implementation of the two existing sub-regional agreements (EMAC & AEFMP)**
- **STEP 2: Extend above agreements to include gradually all MEDA countries, expanding scope to cover harmonisation of operational procedures & interoperability of equipment**
- **STEP 3: EUROCONTROL coordinates SES to expand gradually integrating all MEDA region**

## **FUTURE DIRECTIONS**

### **B) Legislation harmonisation & other issues**

- **MEDA countries adopt EC/EASA or JAA standards and regulations**
- **Working arrangements between MEDA countries and EASA**
- **Set up the EURO-MEDITERRANEAN INSTITUTE for AVIATION SAFETY & SECURITY**
- **Adoption of GALILEO based satellite navigation technology**
- **Regional Aviation Project with objective to conclude Euro-Mediterranean Aviation Agreements**