



## ASBU ELEMENTS

FICE-B0/1

- Functional Description
- Enablers
- Deployment Applicability
- Performance Impact Assessment

### FICE

FICE-B0/1      Automated basic inter facility data exchange (AIDC)      Information

- Main Purpose** ? To improve the efficiency of coordination and transfer of control between ATS units.
- New Capabilities** ? Replacement of voice communication between ATS units by automatic message exchange.
- Description** ? This element represents a first automation step in the evolution of the coordination and transfer of control between neighbouring ATS units to guarantee that all related and necessary flight information will be available to the other unit as per agreement.
- Maturity Level** ? Ready for implementation
- Human Factor Considerations**
1. Does it imply a change in task by a user or affected others? No
  2. Does it imply processing of new information by the user? Yes
  3. Does it imply the use of new equipment? Yes
  4. Does it imply a change to levels of automation? Yes

#### PLANNING LAYERS ?

- Tactical-Pre ops
- Tactical-During ops

#### OPERATIONS ?

- Departure
- En-route
- Arrival

#### DEPENDENCIES AND RELATIONS ?

Type of Dependencies	ASBU Element
Relation-technology benefit	COM-B0/7 - ATS Message Handling System (AMHS)

#### ENABLERS

Enabler Category	Enabler Type	Enabler Name	Description / References	Stakeholders	Year

Regulatory provisions	SMS	Apply SMS	Apply Safety Management System in accordance with the national requirements and guidance.	ANSP	2013
Ground system infrastructure	Flight and Flow information	HMI and FDPS	Upgrade the ground system to support the composition, exchange and processing of messages.	ANSP	2013
Operational procedures	Flight and flow information	Procedures for AIDC	Procedures for message composition and exchange. References: PANS-ATM ICAO Doc 4444 - Procedures for Air Navigation Services and regional interface control (ICD) documents.	ANSP	2013
Ground system infrastructure	Flight and Flow information	Interconnectivity	Connectivity between ATSU systems through IP, AMHS, etc.	ANSP	2013
Training	Flight and Flow information	Training requirements for AIDC	Training for ATCO and CNS staff regarding AIDC.	ANSP	2013
Regulatory provisions	National regulatory framework	National regulatory framework amendment for the use of AIDC	If applicable, CAA may need to amend the national regulatory provisions on the use of AIDC. References: PANS-ATM (ICAO Doc 4444) and Regional Interface Control (ICD) documents.	CAA	2013