OBJ AOP17 — Provision/integration of departure planning information to NMOC

The Network integration of departure estimates from medium and small sized airports via the exchange of Departure Planning Information (DPI), specifically ATC-DPI and CNL-DPI messages is needed to enhance the network benefit and improve the flow management process. This functionality aims to improve integration of departure estimates from medium or small-size airports when serving a complex airspace with dense traffic through improved availability of aircraft pre-departure information to the ATM Network, through the provision of accurate pre-departure information to the NM.

The objective also supports further integration of airports into the Network by addressing the reception from the NM of estimated landing times.
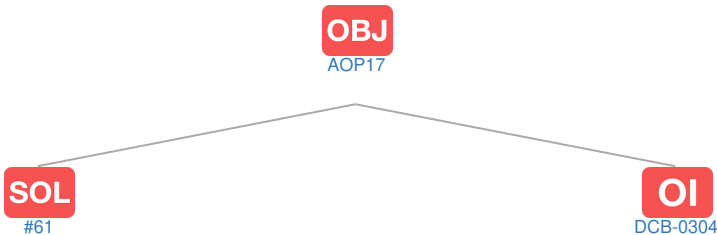
This objective should be considered as not applicable for the airports that already deployed A-CDM or planned to deploy A-CDM in near future.

NOTE FOR MILITARY AUTHORITIES: It is the responsibility of each military authority to review this Objective IN ITS ENTIRETY and address each of the SLoAs that the military authority considers RELEVANT for itself. This has to be done on top and above of the review of "MIL" SLoAs which identify actions EXCLUSIVE to military authorities.

Edition	2022
Stakeholders	Air Navigation Service Provider / Network Manager
Type	SESAR
Scope	Local/Airport
Status	Active

Context

Related Elements

Applicability Area(s) and Timescales

Applicability Area: *(Subject to local need)*

Timescales	From	By	Applicable to
IOC used for Analytics functioning only - not for implementation planning	31-05-2019	-	Applicability Area
FOC used for Analytics functioning only - not for implementation planning	-	01-01-2030	Applicability Area

Links to ATM Master Plan Level 2

OI Operational Improvment Steps

Code	Title	IOC	FOC	Related Elements
DCB-0304	Improved Integration of Regional Airports into the Network	31-12-2017	31-12-2029	SOL OI EN OBJ DS ICAO

Source: European ATM Portal - **Report produced:** 10-04-2024 - **Date refresh:** 28-09-2023
EATMA data version: EATMA V12.1 - **ATM Master Plan data set version:** Dataset 19 Public - **MP L3 Edition:** MP L3 Plan 2022

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SOL Links to SESAR Solutions

Code	Title	Program	Related Elements
#61	CWP Airport - Low Cost and Simple Departure Data Entry Panel	SESAR1	OI OBJ DS EOC ICAO

PCP Links to PCP ATM Sub-Functionalities

Code	Title	Related Elements
No record found		

ICAO ICAO Block Modules: No associated data

References

Applicable legislation
None
Applicable ICAO Annexes and other references
None
Deployment Programme 2022
-
Operating Environments
Airport
Network

Expected Performance Benefits

Safety	There will be an overall minor improvement in the safety of operations through the provision of timely and accurate information that is widely shared amongst all partners in the ATM business.
Capacity	Improved availability of more accurate departure data will improve the performance of network management, thereby enabling the improvement of capacity through better confidence in NMOC traffic load predictions.
Operational efficiency	The improved data will increase predictability within the NMOC systems for demand on a sector, leading to: • Better decision making concerning when to open or close a sector; • Fewer unnecessary regulations leading to a reduction of ATFM delays; • Fewer overloads as sudden increases in demand will be rare.
Cost efficiency	No
Environment	No
Security	No

Source: European ATM Portal - **Report produced:** 10-04-2024 - **Date refresh:** 28-09-2023
EATMA data version: EATMA V12.1 - **ATM Master Plan data set version:** Dataset 19 Public - **MP L3 Edition:** MP L3 Plan 2022

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Stakeholder Lines of Action

Code	Title	From	By	Related Enablers
ASP01	Upgrade the local ATC system so as to provide departure planning information			EN
ASP02	Upgrade the local system to support reception of estimated landing time from NM			EN
ASP03	Develop the procedures for information exchanges with the NM			EN
ASP04	Train all relevant staff in the information exchanges with NM			EN
ASP05	Develop local safety case			
ASP06	Provide DPI message to NM			EN
NM01	Integrate Departure Planning Information (DPI) in NM systems			EN

Supporting Material

Title	Related SLoAs
EUROCONTROL - DPI Implementation Guide - 2.400 / 03/2019 https://www.eurocontrol.int/publication/departure-planning-information-dpi-implementation-guide	ASP01, ASP02, ASP03, ASP04, ASP05, ASP06, NM01
EUROCONTROL - EUROCONTROL Implementation Guidelines Advanced ATC TWR airports - 1.700 / 06/2021 https://www.eurocontrol.int/publication/advanced-atc-twr-implementation-guide	ASP01, ASP02, ASP03, ASP04, ASP05, ASP06, NM01
EUROCONTROL - SPEC-107 - EUROCONTROL Specification for ATS Data Exchange Presentation (ADEXP) - Edition 3.3 / 07/2020 https://www.eurocontrol.int/publication/eurocontrol-specification-ats-data-exchange-presentation-adexp	ASP01, ASP02, ASP03, NM01
SJU - SESAR Solution 61: Data Pack for Controller Working Position (CWP) Airport – Low Cost and Simple Departure Data Entry Panel https://www.sesarju.eu/sesar-solutions/cwp-airport-low-cost-and-simple-departure-data-entry-panel	ASP01, ASP02, ASP03, ASP04, ASP05, ASP06, NM01

Consultation & Approval

Working Arrangement in charge	Airport Operations Team (AOT)
Outline description approved in	-
Latest objective review at expert level	-
Commitment Decision Body	Provisional Council (PC)
Objective approved/endorsed in	05/2019
Latest change to objective approved/endorsed in	-

Source: European ATM Portal - **Report produced:** 10-04-2024 - **Date refresh:** 28-09-2023

EATMA data version: EATMA V12.1 - **ATM Master Plan data set version:** Dataset 19 Public - **MP L3 Edition:** MP L3 Plan 2022

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