



ATC15.1 — Information Exchange with En-route in Support of AMAN

[Download Progress Report](#)

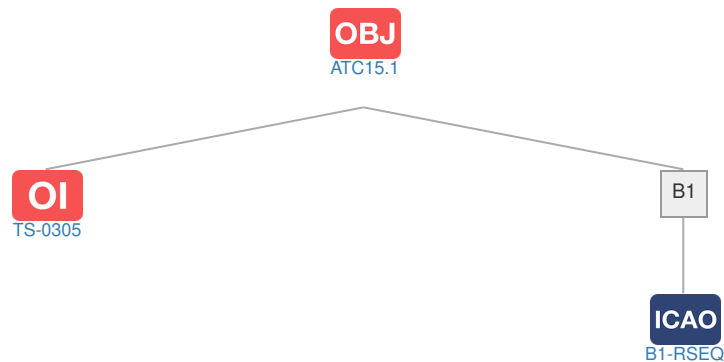
Implement, in en-route operations in selected ACCs, information exchange mechanisms, tools and procedures in support of basic AMAN operations in adjacent ACCs and/or subjacent TMAs (including, where relevant, support for AMAN operations involving airports located in adjacent ATSUs).

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
Type	SESAR
Scope	Multi-National
Status	Active

Context

Related Elements



Applicability Area(s) and Timescales

Applicability Area:	All EU SES States except: Bulgaria, Cyprus, Greece, Latvia, Lithuania, Luxembourg, Malta, Slovenia. Plus: Bosnia and Herzegovina, Montenegro, Morocco, Serbia, Türkiye, United Kingdom
----------------------------	--

Timescales	From	By	Applicable to
Initial operational capability	01-01-2012	-	Applicability Area
Full operational capability	-	31-12-2019	Applicability Area

Links to ATM Master Plan Level 2

OI Operational Improvement Steps

Code	Title	IOC	FOC	Related Elements
TS-0305	Arrival Management Extended to En-Route Airspace	-	-	





Links to SESAR Solutions

Code	Title	Program	Related Elements
No record found			

Links to PCP ATM Sub-Functionalities

Code	Title	Related Elements
No record found		

ICAO Block Modules

Designator	Title	Related Elements
B1		
B1-RSEQ	Improved Airport operations through Departure, Surface and Arrival Management	   

References

Applicable legislation

None

Applicable ICAO Annexes and other references

None

Deployment Programme 2022

-

Operating Environments

Terminal Airspace

En-Route

Expected Performance Benefits

Safety	Maintained or improved
Capacity	Improved airport/TMA capacity.
Operational efficiency	Reduction of low-level holding operations and low-level tactical vectoring.
Cost efficiency	-
Environment	Reduction in holding and in low-level vectoring, by applying delay management at an early stage of flight, has a positive environmental effect in terms of noise and CO2 emissions. Moreover, it reduces delay and has a positive effect on fuel burn.
Security	N/A

Stakeholder Lines of Action

Code	Title	From	By	Related Enablers
ASP01	Develop safety assessment for the changes	01-01-2012	31-12-2019	
ASP02	Adapt the ATC systems that will implement arrival management functionality in En-Route sectors in support of AMAN operations in adjacent/subjacent TMAs	01-01-2012	31-12-2019	EN
ASP03	Implement ATC procedures in En-Route airspace/sectors that will implement AMAN information and functionality	01-01-2012	31-12-2019	EN
ASP04	Train operational and technical staff and update Training Plans	01-01-2012	31-12-2019	
ASP05	Revise and publish Aeronautical Information documents	DELETED		

Supporting Material

Title	Related SLoAs
EUROCONTROL - Air Navigation Systems Safety Assessment Methodology (SAM) - Version 2.1 / 11/2006 https://www.eurocontrol.int/tool/safety-assessment-methodology	ASP01
EUROCONTROL - EAM 4 - ESARR 4 - Risk Assessment and Mitigation in ATM - Edition 1.0 / 04/2001 https://www.eurocontrol.int/publication/esarr-4-risk-assessment-and-mitigation-atm	ASP01
EUROCONTROL - GUID-176 - EUROCONTROL Guidelines for On-Line Data Interchange (OLDI) - Edition 1.1 / 07/2020 https://www.eurocontrol.int/publication/eurocontrol-guidelines-line-data-interchange-oldi	ASP02, ASP03
EUROCONTROL - SPEC-106 - EUROCONTROL Specification for On-Line Data Interchange (OLDI) - Edition 5.0 / 07/2020 https://www.eurocontrol.int/publication/eurocontrol-specification-line-data-interchange-oldi	ASP02, ASP03

Consultation & Approval

Working Arrangement in charge	Unassigned
Outline description approved in	02/2009
Latest objective review at expert level	05/2018
Commitment Decision Body	Provisional Council (PC)
Objective approved/endorsed in	05/2009
Latest change to objective approved/endorsed in	07/2014