



FCM04.1 — Short Term ATFCM Measures (STAM) - Phase 1

The rigid application of ATFM regulations based on standard capacity thresholds as the predominant tactical capacity measure needs to be replaced by a close working relationship between ANSP/FMP, AU and NMF, which would monitor both the real demand, the effective capacity of sectors having taken into account the complexity of expected traffic situation.

In order to close the gap between ATC and ATFCM, local operational procedures need to be developed. The aim is to improve the efficiency of the system using flow management techniques close to the real time operations with direct impact on tactical capacity management, occupancy counts and tactical action on traffic. The target of the short term ATFCM measures (STAM) is to replace en-route CASA regulations for situations where the capacity is nominal.

This objective deals with the initial version of STAM already deployed in some FMPs following some operational experimentations which is labelled STAM phase 1. A more automated version of STAM labelled STAM phase 2 will be released in the next years by SESAR. The deployment of STAM phase 1 is expected to happen only in selected core area FMPs. Once released, STAM Phase 2 will be deployed ECAC wide or at least in the high complexity ACCs.

Airports can be involved in the STAM process but the decision to involve them is a local decision

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 / Airspace Users / Network Manager
Type	SESAR
Scope	Multi-National
Status	Achieved

Context

Related Elements



Applicability Area(s) and Timescales

Applicability Area: Austria, Belgium, Bosnia and Herzegovina, Croatia, Czech Republic, France, Germany, Hungary, Italy, Maastricht UAC, Poland, Slovak Republic, Slovenia, Spain, Switzerland, United Kingdom

Timescales	From	By	Applicable to
Initial operational capability	01-09-2013	-	Applicability Area
Full operational capability	-	31-10-2017	Applicability Area

Links to ATM Master Plan Level 2

OI Operational Improvement Steps

Code	Title	IOC	FOC	Related Elements
DCB-0205	Short Term ATFCM Measures	31-12-2016	31-12-2020	OI EN OBJ ICAO

SOL Links to SESAR Solutions

Code	Title	Program	Related Elements
No record found			

PCP Links to PCP ATM Sub-Functionalities

Code	Title	Related Elements
No record found		

ICAO ICAO Block Modules: No associated data

References

Applicable legislation

Commission Regulation (EU) No 716/2014 on the establishment of the Pilot Common Project

Applicable ICAO Annexes and other references

None

Deployment Programme 2022

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Operating Environments

Terminal Airspace

En-Route

Network

Expected Performance Benefits

Safety	Some enhancement through the prevention of overloads.
Capacity	Sector occupancy counts are used to identify 'hotspots' where action can be taken to reduce traffic complexity. This results in a streamlined ATCO workload, thus improving capacity and safety.
Operational efficiency	-
Cost efficiency	-
Environment	-
Security	-

Stakeholder Lines of Action

Code	Title	From	By	Related Enablers
REG01	Review, as appropriate, the safety argument of the changes imposed by the implementation of Short Term ATFCM Measures Phase 1	DELETED		
ASP01	Availability of demand-capacity balancing tools via CHMI	FINALISED		EN
ASP02	Provision of ANSPs sector and traffic occupancy parameters data to NM	FINALISED		
ASP03	Implement FCM Procedures to enable application of flow management techniques on traffic streams closer to real-time and including more accurate assessment of forecast sector loads and cooperative management of groups of sectors and ATCO resources.	FINALISED		EN
ASP04	Develop, and deliver as necessary, a safety assessment of the changes imposed by the implementation of Short Term ATFCM Measures Phase 1	FINALISED		
USE01	Availability of demand-capacity balancing tools	FINALISED		EN
NM01	Develop and implement demand-capacity balancing tools via CHMI	FINALISED		EN
NM02	Integration of ANSPs sector and traffic occupancy parameters data into NM systems	FINALISED		

Supporting Material

Title	Related SLoAs
No record found	

Consultation & Approval

Working Arrangement in charge	NETOPS
Outline description approved in	03/2013
Latest objective review at expert level	05/2013
Commitment Decision Body	Provisional Council (PC)
Objective approved/endorsed in	07/2013
Latest change to objective approved/endorsed in	06/2019