SE	SAR				Achieved				E	CAC
FC	M01			Implement	enhanced t	actical flow	/ managem	ent services	5	
REG	ASP	MIL	APO	USE	INT	IND	NM	MET	AIS	USP

Subject matter and scope

Implement enhanced tactical flow management services based on the introduction of real-time aircraft position and meteorological data to adjust flow regulation.

Out of all Stakeholder Lines of Action that are allocated to ANSPs, the most beneficial ones at European level are those dealing with correlated position data (FCM01-ASP01 & FCM01-ASP02), reception and processing ATFM data from the NM (FCM01-ASP03) and sending of flight activations and estimates to the NM (FCM01-ASP04). Therefore States are invited to complete them as a priority.

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 MIL Authorities.

Applicability Area(s) & Timescale(s) All ECAC+ States except: Moldova **Applicability Area** Timescales: From: By: Applicable to: Initial operational capability 01/08/2001 Applicability Area 31/12/2006 Applicability Area Full operational capability References **European ATM Master Plan** OI step -[IS-0102]-Improved Management of Flight Plan After Departure NIMS-02 NIMS-20 Enablers -PRO-005 FCM03, FCM06. FCM06.1 WXYZ-002 Covered by SLoA(s) in another objective WXYZ-Covered by SLoA(s) in Not covered in the WXYZ-001 Legend: 003 this objective Implementation Plan 777 Objective covering the enabler Applicable legislation -none-**Essential Operational Changes** - none -**SESAR Solution ICAO GANP - ASBUs** NOPS-B0/2 Collaborative Network Flight Updates **Deployment Programme** - none -**European Plan for Aviation Safety** - none -**Operating Environments** Airport En-Route

Network

Terminal Airspace

Stakeholder Lines of Action (SLoAs)

SloA ref.	Title	From	Ву
FCM01-ASP01	Supply ETFMS with Basic Correlated Position Data	01/08/2001	31/12/2004
FCM01-ASP02	Supply ETFMS with Standard Correlated Position Data	01/08/2001	31/12/2006
FCM01-ASP03	Receive and process ATFM data from the NM	01/03/1995	31/12/2001
FCM01-ASP04	Inform NM of flight activations and estimates for ATFM purposes	01/03/1995	31/12/1999
FCM01-ASP05	Inform NM of flight activations and additional estimate updates for ATFM purposes	DELETED	
FCM01-ASP06	Inform NM of re-routings inside FDPA for ATFM purposes	01/03/2001	31/12/2006
FCM01-ASP07	Inform NM of aircraft holding for ATFM purposes	01/03/2003	31/12/2006
FCM01-ASP08	Supply NM with Departure Planning Information (DPI)	01/03/2005	04/07/2014
FCM01-AGY01	Implement ETFMS Phase 1A	FINALISED	
FCM01-AGY02	Implement ETFMS Phase 1B	FINALISED	
FCM01-AGY03	Implement ETFMS Phase 1C	FINALISED	
FCM01-AGY04	Implement ETFMS Phase 2	FINALISED	

Description of finalised and deleted SLoAs is available on the eATM Portal @ https://www.eatmportal.eu/working/depl/essip_objectives

Expected Performance Benefits

Safety: Reduced unexpected overload situations.

Capacity: Reduced wasted capacity; reduced delays.

Operational Efficiency:

Cost Efficiency: Reduction of costs induced by delays.

Environment: N/A.
Security: N/A

Detailed SLoA Descriptions

		From:	By:
FCM01-ASP01	Supply ETFMS with Basic Correlated Position Data	01/08/2001	31/12/2004
Action by:	ANS Providers		
Description & purpose:	Provide ETFMS with correlated Position Data for all airborne flights inside implementation of ETFMS, the NM accepts a limited number of existing		sing Area. For the initial
	Note :The implementation of this SLoA is no longer needed as soon as State or ACC.	FCM01-ASP02 has bee	n completed in a given
Specific applicability:	ECAC States, IFR/GAT only.		
Finalisation criteria:	1 - Reception of CPRs by NM has been ensured.		
		From:	Ву:
FCM01-ASP02	Supply ETFMS with Standard Correlated Position Data	01/08/2001	31/12/2006
Action by:	ANS Providers		
Description & purpose:	Provide ETFMS with Correlated Position Data for all airborne flights inside Category 062 format.	de its Flight Data Proces	ssing Area in ASTERIX
Specific applicability:	ECAC States, IFR/GAT only.		
Finalisation criteria:	1 - Reception of CPRs in ASTERIX Category 062 format by NM has been	en ensured.	
		From:	Ву:
FCM01-ASP03	Receive and process ATFM data from the NM	01/03/1995	31/12/2001
Action by:	ANS Providers		
Description & purpose:	Ensure that all ATFM messages received from the NM are automatically ATFM data is automatically presented to the Air Traffic Controllers (as a on electronic displays.		
	Note :The SloA can be considered as not applicable if the amount of IFF	R/GAT traffic does not ju	stify automation.
Finalisation criteria:	1 - Automatic presentation of the ATFM data correlated to flight data to a	at least TWR controllers	has been ensured.
		From:	By:
FCM01-ASP04	Inform NM of flight activations and estimates for ATFM purposes	01/03/1995	31/12/1999

	Send to NM a First System Activation (FSA) message as evidence of informs the NM of the actual position of the aircraft (i.e. the actual times FDPA entry co-ordination point).				
Specific applicability:	ECAC States, IFR/GAT only.				
Finalisation criteria:	1 - Reception of FSA messages by NM has been ensured.				
		From:	By:		
FCM01-ASP06	Inform NM of re-routings inside FDPA for ATFM purposes	01/03/2001	31/12/2006		
Action by:	ANS Providers				
Description & purpose:	Send an FSA message for flights for a route change which does not not already been sent by an AFP message.	affect the exit point and	d when this information ha		
Specific applicability:	ECAC States, IFR/GAT only.				
inalisation criteria:	1 - Reception of FSA messages by the NM for route changes has be	een ensured.			
FCM01-ASP07	Inform NM of aircraft holding for ATFM purposes	From: 01/03/2003	By: 31/12/2006		
ction by:	ANS Providers				
Description & purpose:	Send an FSA to inform the NM that the flight is holding.				
Specific applicability:	ECAC States, IFR/GAT only.				
inalisation criteria:	1 - Reception of FSA messages by the NM for holding of flights has	been ensured.			
		From:	Ву:		
FCM01-ASP08	Supply NM with Departure Planning Information (DPI)	01/03/2005	04/07/2014		
Action by:	ANS Providers				
Description & purpose:	Supply the NM/ETFMS with flight data related updates that are only available shortly before departure. The DPI is to supply the NM with the taxi-time and SID per flight and with the Take-Off Time based upon the departure sequen				
	Note: This SLoA is similar to AOP05-APO05 "Define and implemen	t the exchange of mess	ages Flight Undate		
	Message (FUM) and Departure Planning Information (DPIs) betwee CDM manual guidelines". However AOP05-APO05 concerns the full intended for the implementation of "Advanced - Tower" systems.	n NM and the airport in	accordance with Airport		
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Implement enhanced tactical flow management services

FCM01