Р	СР	Removed			EC	CAC+				
INF	INF08.1 Information Exchanges using the SWIM Yellow TI Profile				9					
REG	ASP	MIL	APO	USE	INT	IND	NM	MET	AIS	USP

Subject matter and scope

SWIM comprises standards, infrastructure and governance enabling the management of information and its exchange between operational stakeholders via interoperable services.

Initial system wide information management (iSWIM) is the first element towards SWIM and supports the information exchange based on services that are in conformance with the applicable foundational SWIM specifications. These information services will be delivered over internet protocol (IP)-based networks supported by Common Infrastructure Components (i.e. SWIM Registry and Public Key Infrastructure (PKI)). The applicable foundational SWIM specifications are:

- EUROCONTROL Specification for SWIM Service Description
- EUROCONTROL Specification for SWIM Information Definition
- EUROCONTROL Specification for SWIM Technical Infrastructure (TI) Yellow Profile

This implementation objective is limited to the provision or consumption of information services allowing the information exchanges identified in the Annex of the PCP Regulation No 716/2014, and adhering to the foundational SWIM specification (Information services description, Information definition, Technical infrastructure - Yellow Profile). The information exchanges are in the areas of:

- Aeronautical information exchange;
- Meteorological information exchange;
- Cooperative network information exchange;
- Flight information exchange

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.

Applicability Area(s) & Timescale(s)

Applicability Area 1			
(As specified in PCP Appendix, Para 5.2)			
Applicability Area 2			
Timescales:	From:	Ву:	Applicable to:
Initial operational capability	01/01/2018		Applicability Area 1
iriliai operalionai capability			

References

European ATM Master Plan

[IS-0901-A]-SWIM-TI Yellow Profile for Ground/Ground (G/G) information sharing									
Enablers -	REG-0519	SWIM-GOV- 05a	SWIM-INFR- 05a	SWIM-NET- 01a	SWIM-SUPT- 01a	SWIM-SUPT- 03a			
[MET-0101]-Enhanced MET observations, nowcasts and forecasts provided by ATM-MET systems for planning and near term services									
Enablers -	METEO-03	METEO-04b	METEO-05b	METEO-06b	METEO-08b				
	Enablers - [MET-0101]- services	Enablers - REG-0519 [MET-0101]-Enhanced MET services Enablers - METEO-03	Enablers - REG-0519 SWIM-GOV-05a [MET-0101]-Enhanced MET observations, services Enablers - METEO-03 METEO-04b	Enablers - REG-0519 SWIM-GOV- 05a 05a [MET-0101]-Enhanced MET observations, nowcasts and services Enablers - METEO-03 METEO-04b METEO-05b	Enablers - REG-0519 SWIM-GOV- 05a SWIM-INFR- 01a SWIM-NET- 01a [MET-0101]-Enhanced MET observations, nowcasts and forecasts provided services Enablers - METEO-03 METEO-04b METEO-05b METEO-06b	Enablers - REG-0519 SWIM-GOV- 05a SWIM-INFR- 05a SWIM-NET- 01a [MET-0101]-Enhanced MET observations, nowcasts and forecasts provided by ATM-MET services Enablers - METEO-03 METEO-04b METEO-05b METEO-06b METEO-08b	Enablers - REG-0519 SWIM-GOV- 05a SWIM-INFR- 01a SWIM-SUPT- 03a [MET-0101]-Enhanced MET observations, nowcasts and forecasts provided by ATM-MET systems for particles Enablers - METEO-03 METEO-04b METEO-05b METEO-06b METEO-08b	Enablers - REG-0519 SWIM-GOV- 05a SWIM-INFR- 01a SWIM-SUPT- 03a [MET-0101]-Enhanced MET observations, nowcasts and forecasts provided by ATM-MET systems for planning services Enablers - METEO-03 METEO-04b METEO-05b METEO-06b METEO-08b	Enablers - REG-0519 SWIM-GOV- 05a SWIM-INFR- 01a SWIM-SUPT- 03a Services Enablers - METEO-03 METEO-04b METEO-05b METEO-06b METEO-08b

١.		1417/1/7 004	Covered by SLoA(s) in	WXYZ-002	Covered by SLoA(s) in another objective	WXYZ-	Not covered in the
Le	egend:	WXYZ-001	this objective	ZZZ	Objective covering the enabler	003	Implementation Plan
					•		

Applicable legislation

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

Essential Operational Changes

- none -

SESAR Solution

#35 - MET Information Exchange, #46 - SWIM Yellow Profile

ICAO GANP - ASBUs

Implementation Plan Edition 2022

INF08.1	Information Exchanges using the SWIM Yellow TI Profile
- none -	
- none -	
Deployment Programm	me

European Plan for Aviation Safety

- none -

- none -

Operating Environments

Airport En-Route Network

Terminal Airspace

Stakeholder Lines of Action (SLoAs)

SloA ref.	Title	From	Ву
INF08.1-ASP01	Implement Aeronautical information exchanges	01/01/2018	01/01/2025
INF08.1-ASP02	Implement Meteorological Information exchanges	01/01/2018	01/01/2025
INF08.1-ASP03	Implement Cooperative Network information exchanges	01/01/2018	01/01/2025
INF08.1-ASP04	Implement Flight Information exchanges	01/01/2018	01/01/2025
INF08.1-MIL01	Implement Aeronautical information exchanges	01/01/2018	01/01/2025
INF08.1-MIL02	Implement Meteorological Information exchanges	01/01/2018	01/01/2025
INF08.1-MIL03	Implement Cooperative Network information exchanges	01/01/2018	01/01/2025
INF08.1-MIL04	Implement Flight Information exchanges	01/01/2018	01/01/2025
INF08.1-APO01	Implement Aeronautical information exchanges	01/01/2018	01/01/2025
INF08.1-APO02	Implement Meteorological Information exchanges	01/01/2018	01/01/2025
INF08.1-APO03	Implement Cooperative Network information exchanges	01/01/2018	01/01/2025
INF08.1-APO04	Implement Flight Information exchanges	01/01/2018	01/01/2025
INF08.1-USE01	Implement Aeronautical information exchanges	01/01/2018	01/01/2025
INF08.1-USE02	Implement Meteorological Information exchanges	01/01/2018	01/01/2025
INF08.1-USE03	Implement Cooperative Network information exchanges	01/01/2018	01/01/2025
INF08.1-USE04	Implement Flight Information exchanges	01/01/2018	01/01/2025
INF08.1-NM01	Implement Aeronautical information exchanges	01/01/2018	01/01/2025
INF08.1-NM02	Implement Meteorological Information exchanges	01/01/2018	01/01/2025
INF08.1-NM03	Implement Cooperative Network information exchanges	01/01/2018	01/01/2025
INF08.1-NM04	Implement Flight Information exchanges	01/01/2018	01/01/2025
December of the lie	and and deleted Cl a A a in a valiable on the a ATM Deutel @ https://www.cature.com	and a first of the said the said and the said th	and a process

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

Expected Performance Benefits

Safety: Capacity: Operational Efficiency: Cost Efficiency: Environment: Security: -

Detailed SLoA Descriptions

		From:	Ву:
INF08.1-ASP01	Implement Aeronautical information exchanges	Applicability Area	Applicability Area 1:
	J	1:	01/01/2025
		01/01/2018	
Action by:	ANS Providers		

INF08.1	Information Exchanges using the SWIM Yellow TI Profile					
Description & purpose:	Specifications, as described in Annex 5.1.3. of Commission Regulation (EU) 716/2014. The ANS providers might need to upgrade their infrastructure/systems in line with the services implemented.					
Supporting material(s):	EUROCONTROL - SPEC-168 - EUROCONTROL Specification for SWII		<u> </u>			
,	Url: https://www.eurocontrol.int/publication/eurocontrol-specifications-sy	•				
	EUROCONTROL - SPEC-169 - EUROCONTROL Specification for SWIF	M Information Definition	- 1.0 / 12/2017			
	Url: https://www.eurocontrol.int/publication/eurocontrol-specifications-sy EUROCONTROL - SPEC-170 - EUROCONTROL Specification for SWII Edition 1.0 / 12/2017					
	Url: https://www.eurocontrol.int/publication/eurocontrol-specifications-sy	stem-wide-information-	management-swim			
.TM Master Plan elationship:	[SWIM-APS-01a]-Provision of G/G Aeronautical Information services					
ciationship.	[SWIM-APS-02a]-Consumption of Aeronautical Information services					
	[SWIM-INFR-01a]-High Criticality SWIM Services infrastructure Support					
	[SWIM-INFR-05a]-General SWIM Services infrastructure Support and C	onnectivity.				
	[SWIM-NET-01a]-SWIM Network Point of Presence					
	[SWIM-SUPT-01a]-SWIM Supporting Registry Provisions					
	[SWIM-SUPT-03a]-SWIM Supporting Security Provisions					
	[SWIM-SUPT-05a]-SWIM Supporting IP Network Bridging Provisions	::				
inalisation criteria:	Aeronautical information exchanges are performed in conformance w		·			
		From:	By:			
INF08.1-ASP02	Implement Meteorological Information exchanges	Applicability Area	Applicability Area 1: 01/01/2025			
		01/01/2018	01/01/2025			
ction by:	ANS Providers					
escription & purpose:	The ANS service providers (including MET providers) shall exchange me with the EUROCONTROL SWIM Specifications, as described in Annex 5. The ANS providers might need to upgrade their infrastructure/systems is	5.1.4. of Commission Ro	egulation (EU) 716/2014.			
upporting material(s):	EUROCONTROL - SPEC-168 - EUROCONTROL Specification for SWIM Service Description - Edition 1.0 / 12/2017					
	Url: https://www.eurocontrol.int/publication/eurocontrol-specifications-sy	stem-wide-information-	management-swim			
	EUROCONTROL - SPEC-169 - EUROCONTROL Specification for SWIF	M Information Definition	- 1.0 / 12/2017			
	Url: https://www.eurocontrol.int/publication/eurocontrol-specifications-sy	stem-wide-information-	management-swim			
	EUROCONTROL - SPEC-170 - EUROCONTROL Specification for SWII Edition 1.0 / 12/2017		. ,			
ATM Master Plan	Url: https://www.eurocontrol.int/publication/eurocontrol-specifications-sy		management-swim			
elationship:	[METEO-03]-Provision and monitoring of real-time airport weather information (PCP) [METEO-04b]-Generate and provide MET information services relevant for Airport and final approach related operations (PCP)					
	[METEO-05b]-Generate and provide MET information relevant for TMA	and En-route related op	erations (PCP)			
	[METEO-06b]-Generate and provide MET information relevant for Netwo		• • •			
	[METEO-08b]-All-weather remote sensing of high resolution 3D aerodroi	•				
	[SWIM-APS-06a]-Provision of Airport Ground Sensor Meteorological Info					
	[SWIM-APS-07a]-Stakeholder systems consumption of G/G Meteorologic		<u> </u>			
	[SWIM-INFR-01a]-High Criticality SWIM Services infrastructure Support and Connectivity.					
	[SWIM-INFR-05a]-General SWIM Services infrastructure Support and C	onnectivity.				
	[SWIM-NET-01a]-SWIM Network Point of Presence					
	[SWIM-SUPT-01a]-SWIM Supporting Registry Provisions					
	[SWIM-SUPT-03a]-SWIM Supporting Security Provisions					
	[SWIM-SUPT-05a]-SWIM Supporting IP Network Bridging Provisions					
inalisation criteria:	1 - The exchange of meteorological information is performed in conformal specifications.	ance with the EUROCO	NTROL SWIM			
		From:	By:			
INF08.1-ASP03	Implement Cooperative Network information exchanges	Applicability Area 1:	Applicability Area 1: 01/01/2025			
A - Class Inc.	ANO Providens	01/01/2018				
Action by:	ANS Providers					
Description & purpose:	The service providers shall exchange cooperative network information remanagement via services compliant with the EUROCONTROL SWIM Sp. Commission Regulation (EU) 716/2014. The ANS providers might need to upgrade their infrastructure/systems in	pecifications, as describ	ed in Annex 5.1.5 of			

INF08.1	Information Exchanges using the SWIM Yellow TI Profile				
Supporting material(s):	EUROCONTROL - SPEC-168 - EUROCONTROL Specification for SWIM Service Description - Edition 1.0 / 12/2017 Url : https://www.eurocontrol.int/publication/eurocontrol-specifications-system-wide-information-management-swim EUROCONTROL - SPEC-169 - EUROCONTROL Specification for SWIM Information Definition - 1.0 / 12/2017 Url : https://www.eurocontrol.int/publication/eurocontrol-specifications-system-wide-information-management-swim EUROCONTROL - SPEC-170 - EUROCONTROL Specification for SWIM Technical Infrastructure (TI) Yellow Profile -				
	Edition 1.0 / 12/2017 Url: https://www.eurocontrol.int/publication/eurocontrol-specifications-system-wide-information-management-swim				
ATM Master Plan relationship:	Master Plan [AAMS-06b]-ASM support systems enhanced to exchange static data and airspace usage data with NM systems.				
	[SWIM-INFR-01a]-High Criticality SWIM Services infrastructure Support [SWIM-INFR-05a]-General SWIM Services infrastructure Support and Co				
	[SWIM-NET-01a]-SWIM Network Point of Presence [SWIM-SUPT-01a]-SWIM Supporting Registry Provisions [SWIM-SUPT-03a]-SWIM Supporting Security Provisions				
Finalisation criteria:	[SWIM-SUPT-05a]-SWIM Supporting IP Network Bridging Provisions 1 - The exchange of information relevant to air traffic flow and capacity not the EUROCONTROL SWIM specifications.	nanagement is performe	ed in conformance with		
	and a state of the	From:	By:		
INF08.1-ASP04	Implement Flight Information exchanges	Applicability Area 1: 01/01/2018	Applicability Area 1: 01/01/2025		
Action by:	ANS Providers				
Description & purpose:	The service providers shall exchange flight information via services compliant with the EUROCONTROL SWIM Specifications, as described in Annex 5.1.6 of Commission Regulation (EU) 716/2014. The ANS providers might need to upgrade their infrastructure/systems in line with the services implemented.				
Supporting material(s):	EUROCONTROL - SPEC-168 - EUROCONTROL Specification for SWIN Url : https://www.eurocontrol.int/publication/eurocontrol-specifications-sy EUROCONTROL - SPEC-169 - EUROCONTROL Specification for SWIN Url : https://www.eurocontrol.int/publication/eurocontrol-specifications-sy EUROCONTROL - SPEC-170 - EUROCONTROL Specification for SWIN Edition 1.0 / 12/2017 Url : https://www.eurocontrol.int/publication/eurocontrol-specifications-sy	stem-wide-information-in M Information Definition Stem-wide-information-in M Technical Infrastructure	management-swim - 1.0 / 12/2017 management-swim re (TI) Yellow Profile -		
ATM Master Plan relationship:	Url: https://www.eurocontrol.int/publication/eurocontrol-specifications-system-wide-information-management-swim [ER APP ATC 160]-ATC to ATC Flight Data Exchange Using The Flight Object [SWIM-APS-04a]-Consumption of G/G ATFCM Information Services [SWIM-INFR-01a]-High Criticality SWIM Services infrastructure Support and Connectivity. [SWIM-INFR-05a]-General SWIM Services infrastructure Support and Connectivity. [SWIM-NET-01a]-SWIM Network Point of Presence [SWIM-SUPT-01a]-SWIM Supporting Registry Provisions [SWIM-SUPT-03a]-SWIM Supporting Security Provisions				
Finalisation criteria:	1 - Flight information exchanges are performed in conformance with the	EUROCONTROL SWIM	A specifications.		
INF08.1-MIL01	Implement Aeronautical information exchanges	From: Applicability Area 1:	By: Applicability Area 1: 01/01/2025		
		01/01/2018	01/01/2025		
Action by:	Military Authorities				
Description & purpose:	Military authorities shall exchange aeronautical information via services of Specifications, as described in Annex 5.1.3. of Commission Regulation (The military authorities might need to upgrade their infrastructure/system	EU) 716/2014.			
Supporting material(s):	EUROCONTROL - SPEC-168 - EUROCONTROL Specification for SWINUrl: https://www.eurocontrol.int/publication/eurocontrol-specifications-sy EUROCONTROL - SPEC-169 - EUROCONTROL Specification for SWINUrl: https://www.eurocontrol.int/publication/eurocontrol-specifications-sy EUROCONTROL - SPEC-170 - EUROCONTROL Specification for SWINURL - SPEC-170 - EUROCONTROL SPECIFICATION FOR SPEC-170 - EUROCONTROL SP	stem-wide-information-I M Information Definition stem-wide-information-I	management-swim - 1.0 / 12/2017 management-swim		
	Edition 1.0 / 12/2017 Url: https://www.eurocontrol.int/publication/eurocontrol-specifications-sy	stem-wide-information-	management-swim		

INF08.1	Information Exchanges using the SW	/IM Yellow TI Profi	le				
ATM Master Plan	[MIL-0502]-Upgrade of military ground systems to allow bi-directional ex	changes with non-milita	rv IP networks				
relationship:	[SWIM-APS-01a]-Provision of G/G Aeronautical Information services	onangoo wannon miika	<u>ry n notwonto</u>				
	[SWIM-APS-02a]-Consumption of Aeronautical Information services						
	[SWIM-INFR-01a]-High Criticality SWIM Services infrastructure Support	and Connectivity.					
	[SWIM-INFR-05a]-General SWIM Services infrastructure Support and C						
	[SWIM-NET-01a]-SWIM Network Point of Presence						
	[SWIM-SUPT-01a]-SWIM Supporting Registry Provisions						
	[SWIM-SUPT-03a]-SWIM Supporting Security Provisions						
	M-SUPT-05a]-SWIM Supporting IP Network Bridging Provisions						
Finalisation criteria:	1 - Aeronautical information exchanges are performed in conformance v	vith the EUROCONTRO	L SWIM specifications.				
	From: By:						
INF08.1-MIL02	Implement Meteorological Information exchanges	Applicability Area 1: 01/01/2018	Applicability Area 1: 01/01/2025				
Action by:	Military Authorities	01/01/2018					
Description & purpose:	Military authorities shall exchange of meteorological information via serv Specifications, as described in Annex 5.1.4. of Commission Regulation The military authorities might need to upgrade their infrastructure/system	(EU) 716/2014.					
Supporting material(s):	EUROCONTROL - SPEC-168 - EUROCONTROL Specification for SWI	M Service Description -	Edition 1.0 / 12/2017				
- • • •	Url: https://www.eurocontrol.int/publication/eurocontrol-specifications-sy	vstem-wide-information-	management-swim				
	EUROCONTROL - SPEC-169 - EUROCONTROL Specification for SWIM Information Definition - 1.0 / 12/2017						
	Url: https://www.eurocontrol.int/publication/eurocontrol-specifications-system-wide-information-management-swim						
	EUROCONTROL - SPEC-170 - EUROCONTROL Specification for SWIM Technical Infrastructure (TI) Yellow Profile - Edition 1.0 / 12/2017						
	Url: https://www.eurocontrol.int/publication/eurocontrol-specifications-sy	vstem-wide-information-	management-swim				
ATM Master Plan	[MIL-0502]-Upgrade of military ground systems to allow bi-directional exchanges with non-military IP networks						
relationship:	[SWIM-APS-07a]-Stakeholder systems consumption of G/G Meteorological Information services						
	[SWIM-INFR-01a]-High Criticality SWIM Services infrastructure Support and Connectivity.						
	[SWIM-INFR-05a]-General SWIM Services infrastructure Support and Connectivity.						
	[SWIM-NET-01a]-SWIM Network Point of Presence						
	[SWIM-SUPT-01a]-SWIM Supporting Registry Provisions						
	[SWIM-SUPT-03a]-SWIM Supporting Security Provisions						
	[SWIM-SUPT-05a]-SWIM Supporting IP Network Bridging Provisions						
Finalisation criteria:	1 - The exchange of meteorological information is performed in conform specifications.	ance with the EUROCO	NTROL SWIM				
		From:	By:				
INF08.1-MIL03	Implement Cooperative Network information exchanges	Applicability Area 1:	Applicability Area 1:				
		01/01/2018	01/01/2025				
Action by:	Military Authorities		'				
Description & purpose:	Military authorities shall exchange cooperative network information relevant to the air traffic flow and capacity management via services compliant with the EUROCONTROL SWIM Specifications, as fully described in Annex 5.1.5 o Commission Regulation (EU) 716/2014.						
	management via services compliant with the EUROCONTROL SWIM S	pecifications, as fully de	scribed in Annex 5.1.5 of				
Supporting material(s):	management via services compliant with the EUROCONTROL SWIM S Commission Regulation (EU) 716/2014.	pecifications, as fully de	scribed in Annex 5.1.5 of es implemented.				
Supporting material(s):	management via services compliant with the EUROCONTROL SWIM S Commission Regulation (EU) 716/2014. The military authorities might need to upgrade their infrastructure/system	pecifications, as fully de ns in line with the servic M Service Description -	scribed in Annex 5.1.5 of es implemented. Edition 1.0 / 12/2017				
Supporting material(s):	management via services compliant with the EUROCONTROL SWIM S Commission Regulation (EU) 716/2014. The military authorities might need to upgrade their infrastructure/system EUROCONTROL - SPEC-168 - EUROCONTROL Specification for SWI	pecifications, as fully de ns in line with the servic M Service Description - vstem-wide-information-	scribed in Annex 5.1.5 of es implemented. Edition 1.0 / 12/2017 management-swim				
Supporting material(s):	management via services compliant with the EUROCONTROL SWIM S Commission Regulation (EU) 716/2014. The military authorities might need to upgrade their infrastructure/system EUROCONTROL - SPEC-168 - EUROCONTROL Specification for SWI Url: https://www.eurocontrol.int/publication/eurocontrol-specifications-sy	pecifications, as fully de ns in line with the service M Service Description - vstem-wide-information- M Information Definition	escribed in Annex 5.1.5 of es implemented. Edition 1.0 / 12/2017 management-swim - 1.0 / 12/2017				
Supporting material(s):	management via services compliant with the EUROCONTROL SWIM S Commission Regulation (EU) 716/2014. The military authorities might need to upgrade their infrastructure/system EUROCONTROL - SPEC-168 - EUROCONTROL Specification for SWI Url: https://www.eurocontrol.int/publication/eurocontrol-specifications-sy EUROCONTROL - SPEC-169 - EUROCONTROL Specification for SWI	pecifications, as fully de ns in line with the service M Service Description - estem-wide-information- M Information Definition estem-wide-information-	es implemented. Edition 1.0 / 12/2017 management-swim - 1.0 / 12/2017 management-swim				
Supporting material(s):	management via services compliant with the EUROCONTROL SWIM S Commission Regulation (EU) 716/2014. The military authorities might need to upgrade their infrastructure/system EUROCONTROL - SPEC-168 - EUROCONTROL Specification for SWI Url: https://www.eurocontrol.int/publication/eurocontrol-specifications-sy EUROCONTROL - SPEC-169 - EUROCONTROL Specification for SWI Url: https://www.eurocontrol.int/publication/eurocontrol-specifications-sy EUROCONTROL - SPEC-170 - EUROCONTROL Specification for SWI	pecifications, as fully de ns in line with the service M Service Description - restem-wide-information- M Information Definition restem-wide-information- M Technical Infrastructu	es implemented. Edition 1.0 / 12/2017 management-swim - 1.0 / 12/2017 management-swim re (TI) Yellow Profile -				
ATM Master Plan	management via services compliant with the EUROCONTROL SWIM S Commission Regulation (EU) 716/2014. The military authorities might need to upgrade their infrastructure/system EUROCONTROL - SPEC-168 - EUROCONTROL Specification for SWI Url: https://www.eurocontrol.int/publication/eurocontrol-specifications-sy EUROCONTROL - SPEC-169 - EUROCONTROL Specification for SWI Url: https://www.eurocontrol.int/publication/eurocontrol-specifications-sy EUROCONTROL - SPEC-170 - EUROCONTROL Specification for SWI Edition 1.0 / 12/2017	pecifications, as fully de ns in line with the service M Service Description - restem-wide-information- M Information Definition restem-wide-information- M Technical Infrastructures	escribed in Annex 5.1.5 of es implemented. Edition 1.0 / 12/2017 management-swim - 1.0 / 12/2017 management-swim re (TI) Yellow Profile -				
ATM Master Plan	management via services compliant with the EUROCONTROL SWIM S Commission Regulation (EU) 716/2014. The military authorities might need to upgrade their infrastructure/system EUROCONTROL - SPEC-168 - EUROCONTROL Specification for SWI Url: https://www.eurocontrol.int/publication/eurocontrol-specifications-sy EUROCONTROL - SPEC-169 - EUROCONTROL Specification for SWI Url: https://www.eurocontrol.int/publication/eurocontrol-specifications-sy EUROCONTROL - SPEC-170 - EUROCONTROL Specification for SWI Edition 1.0 / 12/2017 Url: https://www.eurocontrol.int/publication/eurocontrol-specifications-sy	pecifications, as fully de ns in line with the service M Service Description - restem-wide-information- M Information Definition restem-wide-information- M Technical Infrastructures	escribed in Annex 5.1.5 of es implemented. Edition 1.0 / 12/2017 management-swim - 1.0 / 12/2017 management-swim re (TI) Yellow Profile -				
ATM Master Plan	management via services compliant with the EUROCONTROL SWIM S Commission Regulation (EU) 716/2014. The military authorities might need to upgrade their infrastructure/system EUROCONTROL - SPEC-168 - EUROCONTROL Specification for SWI Url: https://www.eurocontrol.int/publication/eurocontrol-specifications-sy EUROCONTROL - SPEC-169 - EUROCONTROL Specification for SWI Url: https://www.eurocontrol.int/publication/eurocontrol-specifications-sy EUROCONTROL - SPEC-170 - EUROCONTROL Specification for SWI Edition 1.0 / 12/2017 Url: https://www.eurocontrol.int/publication/eurocontrol-specifications-sy [MIL-0502]-Upgrade of military ground systems to allow bi-directional ex	pecifications, as fully de ns in line with the service M Service Description - vstem-wide-information-IM Information Definition vstem-wide-information-IM Technical Infrastructurstem-wide-information-Ichanges with non-milita	escribed in Annex 5.1.5 of es implemented. Edition 1.0 / 12/2017 management-swim - 1.0 / 12/2017 management-swim re (TI) Yellow Profile -				
ATM Master Plan	management via services compliant with the EUROCONTROL SWIM S Commission Regulation (EU) 716/2014. The military authorities might need to upgrade their infrastructure/system EUROCONTROL - SPEC-168 - EUROCONTROL Specification for SWI Url: https://www.eurocontrol.int/publication/eurocontrol-specifications-sy EUROCONTROL - SPEC-169 - EUROCONTROL Specification for SWI Url: https://www.eurocontrol.int/publication/eurocontrol-specifications-sy EUROCONTROL - SPEC-170 - EUROCONTROL Specification for SWI Edition 1.0 / 12/2017 Url: https://www.eurocontrol.int/publication/eurocontrol-specifications-sy [MIL-0502]-Upgrade of military ground systems to allow bi-directional ex [SWIM-APS-04a]-Consumption of G/G ATFCM Information Services	pecifications, as fully de ns in line with the service M Service Description - vstem-wide-information-IM Information Definition Vstem-wide-information-IM Technical Infrastructurestem-wide-information-changes with non-milital and Connectivity.	escribed in Annex 5.1.5 of es implemented. Edition 1.0 / 12/2017 management-swim - 1.0 / 12/2017 management-swim re (TI) Yellow Profile -				
ATM Master Plan	management via services compliant with the EUROCONTROL SWIM S Commission Regulation (EU) 716/2014. The military authorities might need to upgrade their infrastructure/system EUROCONTROL - SPEC-168 - EUROCONTROL Specification for SWI Url: https://www.eurocontrol.int/publication/eurocontrol-specifications-sy EUROCONTROL - SPEC-169 - EUROCONTROL Specification for SWI Url: https://www.eurocontrol.int/publication/eurocontrol-specifications-sy EUROCONTROL - SPEC-170 - EUROCONTROL Specification for SWI Edition 1.0 / 12/2017 Url: https://www.eurocontrol.int/publication/eurocontrol-specifications-sy [MIL-0502]-Upgrade of military ground systems to allow bi-directional ex [SWIM-APS-04a]-Consumption of G/G ATFCM Information Services [SWIM-INFR-01a]-High Criticality SWIM Services infrastructure Support	pecifications, as fully de ns in line with the service M Service Description - vstem-wide-information-IM Information Definition Vstem-wide-information-IM Technical Infrastructurestem-wide-information-changes with non-milital and Connectivity.	escribed in Annex 5.1.5 of es implemented. Edition 1.0 / 12/2017 management-swim - 1.0 / 12/2017 management-swim re (TI) Yellow Profile -				
Supporting material(s): ATM Master Plan relationship:	management via services compliant with the EUROCONTROL SWIM S Commission Regulation (EU) 716/2014. The military authorities might need to upgrade their infrastructure/system EUROCONTROL - SPEC-168 - EUROCONTROL Specification for SWI Url: https://www.eurocontrol.int/publication/eurocontrol-specifications-sy EUROCONTROL - SPEC-169 - EUROCONTROL Specification for SWI Url: https://www.eurocontrol.int/publication/eurocontrol-specifications-sy EUROCONTROL - SPEC-170 - EUROCONTROL Specification for SWI Edition 1.0 / 12/2017 Url: https://www.eurocontrol.int/publication/eurocontrol-specifications-sy EUROCONTROL - SPEC-170 - EUROCONTROL Specification for SWI Edition 1.0 / 12/2017 Url: https://www.eurocontrol.int/publication/eurocontrol-specifications-sy [MIL-0502]-Upgrade of military ground systems to allow bi-directional ex [SWIM-APS-04a]-Consumption of G/G ATFCM Information Services [SWIM-INFR-01a]-High Criticality SWIM Services infrastructure Support [SWIM-INFR-05a]-General SWIM Services infrastructure Support and C	pecifications, as fully de ns in line with the service M Service Description - vstem-wide-information-IM Information Definition Vstem-wide-information-IM Technical Infrastructurestem-wide-information-changes with non-milital and Connectivity.	escribed in Annex 5.1.5 of es implemented. Edition 1.0 / 12/2017 management-swim - 1.0 / 12/2017 management-swim re (TI) Yellow Profile -				
ATM Master Plan	management via services compliant with the EUROCONTROL SWIM S Commission Regulation (EU) 716/2014. The military authorities might need to upgrade their infrastructure/system EUROCONTROL - SPEC-168 - EUROCONTROL Specification for SWI Url: https://www.eurocontrol.int/publication/eurocontrol-specifications-sy EUROCONTROL - SPEC-169 - EUROCONTROL Specification for SWI Url: https://www.eurocontrol.int/publication/eurocontrol-specifications-sy EUROCONTROL - SPEC-170 - EUROCONTROL Specification for SWI Edition 1.0 / 12/2017 Url: https://www.eurocontrol.int/publication/eurocontrol-specifications-sy [MIL-0502]-Upgrade of military ground systems to allow bi-directional ex [SWIM-APS-04a]-Consumption of G/G ATFCM Information Services [SWIM-INFR-01a]-High Criticality SWIM Services infrastructure Support [SWIM-INFR-05a]-General SWIM Services infrastructure Support and C [SWIM-NET-01a]-SWIM Network Point of Presence	pecifications, as fully de ns in line with the service M Service Description - vstem-wide-information-IM Information Definition Vstem-wide-information-IM Technical Infrastructurestem-wide-information-changes with non-milital and Connectivity.	escribed in Annex 5.1.5 of es implemented. Edition 1.0 / 12/2017 management-swim - 1.0 / 12/2017 management-swim re (TI) Yellow Profile -				

	the EUROCONTROL SWIM specifications.	From:	Dve		
INF08.1-MIL04	Implement Flight Information exchanges	From: Applicability Area 1:	By: Applicability Area 1 01/01/2025		
		01/01/2018	0170172020		
Action by:	Military Authorities				
escription & purpose:	Military authorities shall exchange flight information via services compliant with the EUROCONTROL SWIM Specifications, as described in Annex 5.1.6 of Commission Regulation (EU) 716/2014. The military authorities might need to upgrade their infrastructure/systems in line with the services implemented.				
Supporting material(s):	EUROCONTROL - SPEC-168 - EUROCONTROL Specification for SWI	M Service Description -	Edition 1.0 / 12/2017		
	Url: https://www.eurocontrol.int/publication/eurocontrol-specifications-sy EUROCONTROL - SPEC-169 - EUROCONTROL Specification for SWI				
	Url: https://www.eurocontrol.int/publication/eurocontrol-specifications-system-wide-information-management-swim				
	EUROCONTROL - SPEC-170 - EUROCONTROL Specification for SWI Edition 1.0 / 12/2017				
	Url: https://www.eurocontrol.int/publication/eurocontrol-specifications-sy	<u> ystem-wide-information-</u>	management-swim		
TM Master Plan elationship:	[ER APP ATC 160]-ATC to ATC Flight Data Exchange Using The Flight Object				
addionomp.	[MIL-0502]-Upgrade of military ground systems to allow bi-directional exchanges with non-military IP networks				
	[SWIM-APS-04a]-Consumption of G/G ATFCM Information Services				
	[SWIM-INFR-01a]-High Criticality SWIM Services infrastructure Support and Connectivity.				
	[SWIM-INFR-05a]-General SWIM Services infrastructure Support and Connectivity.				
	[SWIM-NET-01a]-SWIM Network Point of Presence				
	[SWIM-SUPT-01a]-SWIM Supporting Registry Provisions [SWIM-SUPT-03a]-SWIM Supporting Security Provisions				
	[SWIM-SUPT-05a]-SWIM Supporting Security Provisions [SWIM-SUPT-05a]-SWIM Supporting IP Network Bridging Provisions				
		the FUROCONTROL C	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		
nalisation criteria:	1 - The exchange of flight information is performed in conformance with	From:	By:		
NF08.1-APO01	Implement Aeronautical information exchanges	Applicability Area 1:	Applicability Area 1 01/01/2025		
		01/01/2018			
ction by:	Airport Operators	" · '' · ' - EUDO	ACCUITOCU CUAINA		
escription & purpose:	Airport operators shall exchange aeronautical information via services c Specifications, as described in Annex 5.1.3. of Commission Regulation The airport operators might need to upgrade their infrastructure/systems	(EU) 716/2014.			
upporting material(s):	EUROCONTROL - SPEC-168 - EUROCONTROL Specification for SWI	M Service Description -	Edition 1.0 / 12/2017		
	Url: https://www.eurocontrol.int/publication/eurocontrol-specifications-system-wide-information-management-swim				
	EUROCONTROL - SPEC-169 - EUROCONTROL Specification for SWI				
	Url: https://www.eurocontrol.int/publication/eurocontrol-specifications-sy				
	EUROCONTROL - SPEC-170 - EUROCONTROL Specification for SWIM Technical Infrastructure (TI) Yellow Profile - Edition 1.0 / 12/2017				
T14 14 . DI	Url: https://www.eurocontrol.int/publication/eurocontrol-specifications-system-wide-information-management-swim				
TM Master Plan lationship:	[SWIM-APS-01a]-Provision of G/G Aeronautical Information services				
.a.ioiioiiipi	[SWIM-APS-02a]-Consumption of Aeronautical Information services				
	[SWIM-INFR-05a]-General SWIM Services infrastructure Support and C	Connectivity.			
	[SWIM-NET-01a]-SWIM Network Point of Presence				
naliantia!t - !	[SWIM-SUPT-05a]-SWIM Supporting IP Network Bridging Provisions		J. CM/IM'''''		
nalisation criteria:	Aeronautical information exchanges are performed in conformance v		T _		
INF08.1-APO02	Implement Meteorological Information exchanges	Applicability Area 1:	By: Applicability Area 1 01/01/2025		
	01/01/2018				
ction by:	Airport Operators				

Information Exchanges using the SWIM Yellow TI Profile

INF08.1

INF08.1	Information Exchanges using the SW	/IM Yellow TI Prof	ile			
Supporting material(s):	EUROCONTROL - SPEC-168 - EUROCONTROL Specification for SWIM Service Description - Edition 1.0 / 12/2017 Url : https://www.eurocontrol.int/publication/eurocontrol-specifications-system-wide-information-management-swim					
	EUROCONTROL - SPEC-169 - EUROCONTROL Specification for SWIM Information Definition - 1.0 / 12/2017 Url : https://www.eurocontrol.int/publication/eurocontrol-specifications-system-wide-information-management-swim EUROCONTROL - SPEC-170 - EUROCONTROL Specification for SWIM Technical Infrastructure (TI) Yellow Profile - Edition 1.0 / 12/2017					
ATM Master Plan relationship:	Url: https://www.eurocontrol.int/publication/eurocontrol-specifications-system-wide-information-management-swim [METEO-03]-Provision and monitoring of real-time airport weather information (PCP) [METEO-04b]-Generate and provide MET information services relevant for Airport and final approach related operation (PCP) [METEO-05b]-Generate and provide MET information relevant for TMA and En-route related operations (PCP) [METEO-05b]-Generate and provide MET information relevant for Naturally related operations (PCP)					
	[METEO-08b]-All-weather remote sensing of high resolution 3D aerodro [SWIM-APS-06a]-Provision of Airport Ground Sensor Meteorological Info [SWIM-APS-07a]-Stakeholder systems consumption of G/G Meteorolog	•				
Finalisation criteria:	The exchange of meteorological information is performed in conform specifications.	ance with the EUROCO	NTROL SWIM			
INF08.1-APO03	Implement Cooperative Network information exchanges	From: Applicability Area 1: 01/01/2018	By: Applicability Area 1: 01/01/2025			
Action by:	Airport Operators					
Description & purpose:	Airport operators shall exchange cooperative network information relevation management via services compliant with the EUROCONTROL SWIM Strong Commission Regulation (EU) 716/2014. The airport operators might need to upgrade their infrastructure/systems	pecifications, as describ	ed in Annex 5.1.5 of			
Supporting material(s):	EUROCONTROL - SPEC-168 - EUROCONTROL Specification for SWI Url : https://www.eurocontrol.int/publication/eurocontrol-specifications-sy EUROCONTROL - SPEC-169 - EUROCONTROL Specification for SWI Url : https://www.eurocontrol.int/publication/eurocontrol-specifications-sy EUROCONTROL - SPEC-170 - EUROCONTROL Specification for SWI Edition 1.0 / 12/2017	vstem-wide-information- M Information Definition vstem-wide-information- M Technical Infrastructu	management-swim - 1.0 / 12/2017 management-swim ure (TI) Yellow Profile -			
ATM Master Plan elationship:	Url: https://www.eurocontrol.int/publication/eurocontrol-specifications-sy [SWIM-APS-04a]-Consumption of G/G ATFCM Information Services [SWIM-INFR-05a]-General SWIM Services infrastructure Support and C [SWIM-NET-01a]-SWIM Network Point of Presence [SWIM-SUPT-05a]-SWIM Supporting IP Network Bridging Provisions		management-swim			
Finalisation criteria:	The exchange of information relevant to air traffic flow and capacity relevant to EUROCONTROL SWIM specifications.	management is performe	ed in conformance with			
		From:	By:			
INF08.1-APO04	Implement Flight Information exchanges	Applicability Area 1: 01/01/2018	Applicability Area 1: 01/01/2025			
Action by:	Airport Operators					
Description & purpose:	The airport operators shall exchange flight information via services com Specifications, as described in Annex 5.1.6 of Commission Regulation (The airport operators might need to upgrade their infrastructure/systems	EU) 716/2014.				
Supporting material(s):	The airport operators might need to upgrade their infrastructure/systems in line with the services implemented. EUROCONTROL - SPEC-168 - EUROCONTROL Specification for SWIM Service Description - Edition 1.0 / 12/2017 Url : https://www.eurocontrol.int/publication/eurocontrol-specifications-system-wide-information-management-swim EUROCONTROL - SPEC-169 - EUROCONTROL Specification for SWIM Information Definition - 1.0 / 12/2017 Url : https://www.eurocontrol.int/publication/eurocontrol-specifications-system-wide-information-management-swim EUROCONTROL - SPEC-170 - EUROCONTROL Specification for SWIM Technical Infrastructure (TI) Yellow Profile - Edition 1.0 / 12/2017					
ATM Master Plan relationship:	Url: https://www.eurocontrol.int/publication/eurocontrol-specifications-sy [SWIM-APS-04a]-Consumption of G/G ATFCM Information Services [SWIM-INFR-05a]-General SWIM Services infrastructure Support and C [SWIM-NET-01a]-SWIM Network Point of Presence [SWIM-SUPT-05a]-SWIM Supporting IP Network Bridging Provisions		management-swim			

INF08.1	Information Exchanges using the SWIM Yellow TI Profile
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	1 - The exchange of flight information is performed in conformance with the EUROCONTROL SWIM specificatio From: By:			
INF08.1-USE01	Implement Aeronautical information exchanges	Applicability Area 1: 01/01/2018	Applicability Area 1: 01/01/2025	
ction by:	Airspace Users			
escription & purpose:	Airspace users shall exchange aeronautical information via services compliant with the EUROCONTROL SWIM Specifications, as described in Annex 5.1.3. of Commission Regulation (EU) 716/2014. The airspace users might need to upgrade their infrastructure/systems in line with the services implemented.			
Supporting material(s):	EUROCONTROL - SPEC-168 - EUROCONTROL Specification for SWIM Service Description - Edition 1.0 / 12/2017 Url : https://www.eurocontrol.int/publication/eurocontrol-specifications-system-wide-information-management-swim			
	EUROCONTROL - SPEC-169 - EUROCONTROL Specification for SV	VIM Information Definition	- 1.0 / 12/2017	
	Url: https://www.eurocontrol.int/publication/eurocontrol-specifications-	svstem-wide-information-	management-swim	
	EUROCONTROL - SPEC-170 - EUROCONTROL Specification for SWIM Technical Infrastructure (TI) Yellow Profile - Edition 1.0 / 12/2017			
	Url: https://www.eurocontrol.int/publication/eurocontrol-specifications-	system-wide-information-	management-swim	
TM Master Plan	[SWIM-APS-02a]-Consumption of Aeronautical Information services			
elationship:	[SWIM-INFR-05a]-General SWIM Services infrastructure Support and	Connectivity.		
	[SWIM-NET-01a]-SWIM Network Point of Presence			
	[SWIM-SUPT-05a]-SWIM Supporting IP Network Bridging Provisions			
nalisation criteria:				
	,	From:	By:	
INF08.1-USE02	Implement Meteorological Information exchanges	Applicability Area 1:	Applicability Area 1 01/01/2025	
		01/01/2018		
ction by:	Airspace Users			
escription & purpose:	Airspace users shall exchange of meteorological information via services compliant with the EUROCONTROL SWIM Specifications, as described in Annex 5.1.4. of Commission Regulation (EU) 716/2014. The airspace users might need to upgrade their infrastructure/systems in line with the services implemented.			
upporting material(s):	EUROCONTROL - SPEC-168 - EUROCONTROL Specification for SV			
3 (-,	Url: https://www.eurocontrol.int/publication/eurocontrol-specifications-system-wide-information-management-swim			
	EUROCONTROL - SPEC-169 - EUROCONTROL Specification for SWIM Information Definition - 1.0 / 12/2017			
	Url: https://www.eurocontrol.int/publication/eurocontrol-specifications-system-wide-information-management-swim			
	EUROCONTROL - SPEC-170 - EUROCONTROL Specification for SWIM Technical Infrastructure (TI) Yellow Profile - Edition 1.0 / 12/2017			
	Url: https://www.eurocontrol.int/publication/eurocontrol-specifications-system-wide-information-management-swim			
TM Master Plan	[METEO-03]-Provision and monitoring of real-time airport weather information (PCP)			
elationship:	[METEO-04b]-Generate and provide MET information services relevant for Airport and final approach related operation (PCP)			
	[METEO-05b]-Generate and provide MET information relevant for TMA and En-route related operations (PCP)			
	[SWIM-APS-07a]-Stakeholder systems consumption of G/G Meteorological Information services			
	[SWIM-INFR-05a]-General SWIM Services infrastructure Support and Connectivity.			
	[SWIM-NET-01a]-SWIM Network Point of Presence			
	[SWIM-SUPT-05a]-SWIM Supporting IP Network Bridging Provisions			
nalisation criteria:	1 - The exchange of meteorological information is performed in confor specifications.	mance with the EUROCO	NTROL SWIM	
INF08.1-USE03		From:	Ву:	
	Implement Cooperative Network information exchanges	Applicability Area 1: 01/01/2018	Applicability Area 1: 01/01/2025	
action by:	Airspace Users			
Description & purpose:	Airspace users shall exchange cooperative network information releva	nt to the air traffic flow an	d capacity managemen	
σοστιραστι α ματμυσε.	via services compliant with the EUROCONTROL SWIM Specifications Regulation (EU) 716/2014. The airspace users might need to upgrade their infrastructure/systems	, as described in Annex 5	5.1.5 of Commission	

INF08.1	Information Exchanges using the SWIM Yellow TI Profile			
S	FURDOCONTROL ORFO 400 FURDOCONTROL Consideration for CWIII	A Comico Description	Edition 4.0 / 40/0047	
Supporting material(s):	EUROCONTROL - SPEC-168 - EUROCONTROL Specification for SWIM Service Description - Edition 1.0 / 12/2017 Url : https://www.eurocontrol.int/publication/eurocontrol-specifications-system-wide-information-management-swim			
	EUROCONTROL - SPEC-169 - EUROCONTROL Specification for SWII			
	·			
	Url: https://www.eurocontrol.int/publication/eurocontrol-specifications-system-wide-information-management-swim EUROCONTROL - SPEC-170 - EUROCONTROL Specification for SWIM Technical Infrastructure (TI) Yellow Profile - Edition 1.0 / 12/2017			
	Url: https://www.eurocontrol.int/publication/eurocontrol-specifications-sy	stem-wide-information-	management-swim	
TM Master Plan	[SWIM-APS-04a]-Consumption of G/G ATFCM Information Services			
elationship:	[SWIM-INFR-05a]-General SWIM Services infrastructure Support and C	onnectivity.		
	[SWIM-NET-01a]-SWIM Network Point of Presence			
	[SWIM-SUPT-05a]-SWIM Supporting IP Network Bridging Provisions			
inalisation criteria:	1 - The exchange of information relevant to air traffic flow and capacity management is performed in conformathe EUROCONTROL SWIM specifications.			
	and between the common opening and the	From:	By:	
INF08.1-USE04	Implement Flight Information exchanges	Applicability Area	Applicability Area 1:	
		1: 01/01/2018	01/01/2025	
Action by:	Airspace Users			
Description & purpose:	Airspace users shall exchange flight information via services compliant with the EUROCONTROL SWIM Specifications, as described in Annex 5.1.6 of Commission Regulation (EU) 716/2014. The airspace users might need to upgrade their infrastructure/systems in line with the services implemented.			
Supporting material(s): EUROCONTROL - SPEC-168 - EUROCONTROL Specification for SWIM Service Description - Editi				
apperang material(e).	Url: https://www.eurocontrol.int/publication/eurocontrol-specifications-sy	•		
	EUROCONTROL - SPEC-169 - EUROCONTROL Specification for SWIM Information Definition - 1.0 / 12/2017			
	Url: https://www.eurocontrol.int/publication/eurocontrol-specifications-system-wide-information-management-swim			
	EUROCONTROL - SPEC-170 - EUROCONTROL Specification for SWIM Technical Infrastructure (TI) Yellow Profile - Edition 1.0 / 12/2017			
ATM Master Plan	Url: https://www.eurocontrol.int/publication/eurocontrol-specifications-sy	stem-wide-information-	management-swim	
elationship:	[SWIM-APS-04a]-Consumption of G/G ATFCM Information Services			
	[SWIM-INFR-05a]-General SWIM Services infrastructure Support and Connectivity.			
	[SWIM-NET-01a]-SWIM Network Point of Presence			
'inaliantian anitania.	[SWIM-SUPT-05a]-SWIM Supporting IP Network Bridging Provisions	the FURDOCONTROL O	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	
Finalisation criteria:	1 - The exchange of flight information is performed in conformance with	From:		
INF08.1-NM01	Implement Aeronautical information exchanges	Applicability Area 1:	By: Applicability Area 1: 01/01/2025	
Action by:	01/01/2018 NM			
Description & purpose:	The Network Manager shall exchange aeronautical via services complia	nt with the EUROCONT	ROL SWIM	
	Specifications, as described in Annex 5.1.3. of Commission Regulation (The NM might need to upgrade their infrastructure/systems in line with the	EU) 716/2014.		
Supporting material(s):	EUROCONTROL - SPEC-168 - EUROCONTROL Specification for SWII	M Service Description -	Edition 1.0 / 12/2017	
	Url: https://www.eurocontrol.int/publication/eurocontrol-specifications-system-wide-information-management-swim			
	EUROCONTROL - SPEC-169 - EUROCONTROL Specification for SWIM Information Definition - 1.0 / 12/2017			
	Url: https://www.eurocontrol.int/publication/eurocontrol-specifications-system-wide-information-management-swim			
	EUROCONTROL - SPEC-170 - EUROCONTROL Specification for SWIM Technical Infrastructure (TI) Yellow Profile - Edition 1.0 / 12/2017			
ATM Master Plan	Url: https://www.eurocontrol.int/publication/eurocontrol-specifications-sy	stem-wide-information-	management-swim	
elationship:	[SWIM-APS-01a]-Provision of G/G Aeronautical Information services [SWIM-APS-02a]-Consumption of Aeronautical Information services			
	[SWIM-APS-02a]-Consumption of Aeronautical Information services [SWIM-INFR-01a]-High Criticality SWIM Services infrastructure Support and Connectivity.			
	[SWIM-NET-01a]-SWIM Network Point of Presence			
	[SWIM-SUPT-01a]-SWIM Supporting Registry Provisions			
	[SWIM-SUPT-03a]-SWIM Supporting Registry Provisions			
	[SWIM-SUPT-05a]-SWIM Supporting IP Network Bridging Provisions			
inalisation criteria:	1 - Aeronautical information exchanges are performed in conformance w	rith the EUROCONTRO	L SWIM specifications.	
	<u> </u>	From: By:		
INF08.1-NM02	Implement Meteorological Information exchanges	Applicability Area 1:	Applicability Area 1:	
	01/01/2018			

INF08.1 Information Exchanges using the SWIM Yellow TI Profile
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Action by:	NM			
Description & purpose:	The Network Manager shall exchange meteorological information via services compliant with the EUROCONTROL SWIM Specifications, as described in Annex 5.1.4. of Commission Regulation (EU) 716/2014. The NM might need to upgrade their infrastructure/systems in line with the services implemented.			
Supporting material(s):	EUROCONTROL - SPEC-168 - EUROCONTROL Specification for SWIM Service Description - Edition 1.0 / 12/2017			
11 0 ()	Url: https://www.eurocontrol.int/publication/eurocontrol-specifications-s	•		
	EUROCONTROL - SPEC-169 - EUROCONTROL Specification for SW			
	Url: https://www.eurocontrol.int/publication/eurocontrol-specifications-s			
	EUROCONTROL - SPEC-170 - EUROCONTROL Specification for SW Edition 1.0 / 12/2017			
	Url: https://www.eurocontrol.int/publication/eurocontrol-specifications-system-wide-information-management-swim			
ATM Master Plan	[METEO-06b]-Generate and provide MET information relevant for Network related operations (PCP)			
relationship:	[SWIM-APS-07a]-Stakeholder systems consumption of G/G Meteorolog	ical Information services		
	[SWIM-INFR-01a]-High Criticality SWIM Services infrastructure Suppor	t and Connectivity.		
	[SWIM-NET-01a]-SWIM Network Point of Presence			
	[SWIM-SUPT-01a]-SWIM Supporting Registry Provisions			
	[SWIM-SUPT-03a]-SWIM Supporting Security Provisions			
	[SWIM-SUPT-05a]-SWIM Supporting IP Network Bridging Provisions			
Finalisation criteria:	1 - The exchange of meteorological information is performed in conform specifications.	nance with the EUROCO	NTROL SWIM	
		From:	By:	
INITOO 4 NIMOO	lumilament Communities Naturally information analysis	Applicability Area	Applicability Area 1:	
INF08.1-NM03	Implement Cooperative Network information exchanges	1:	01/01/2025	
		01/01/2018		
Action by:	NM			
Description & purpose:	The Network Manager shall exchange cooperative network information relevant to the air traffic flow and capacity management via services compliant with the EUROCONTROL SWIM Specifications, as described in Annex 5.1.5 of Commission Regulation (EU) 716/2014. The NM might need to upgrade their infrastructure/systems in line with the services implemented.			
Supporting material(s):	EUROCONTROL - SPEC-168 - EUROCONTROL Specification for SW	M Service Description -	Edition 1.0 / 12/2017	
	Url: https://www.eurocontrol.int/publication/eurocontrol-specifications-system-wide-information-management-swim			
	EUROCONTROL - SPEC-169 - EUROCONTROL Specification for SWIM Information Definition - 1.0 / 12/2017			
	Url: https://www.eurocontrol.int/publication/eurocontrol-specifications-system-wide-information-management-swim			
	EUROCONTROL - SPEC-170 - EUROCONTROL Specification for SWIM Technical Infrastructure (TI) Yellow Profile - Edition 1.0 / 12/2017			
	Url: https://www.eurocontrol.int/publication/eurocontrol-specifications-system-wide-information-management-swim			
ATM Master Plan	[SWIM-APS-03a]-Provision of G/G ATFCM Information Services			
relationship:	[SWIM-APS-04a]-Consumption of G/G ATFCM Information Services			
	[SWIM-INFR-01a]-High Criticality SWIM Services infrastructure Support and Connectivity.			
	[SWIM-NET-01a]-SWIM Network Point of Presence			
	[SWIM-SUPT-01a]-SWIM Supporting Registry Provisions			
	[SWIM-SUPT-03a]-SWIM Supporting Security Provisions			
	[SWIM-SUPT-05a]-SWIM Supporting IP Network Bridging Provisions			
Finalisation criteria:	1 - The exchange of information relevant to air traffic flow and capacity the EUROCONTROL SWIM specifications.	management is performe	ed in conformance with	
		From:	By:	
INF08.1-NM04	Implement Flight Information exchanges	Applicability Area 1:	Applicability Area 1: 01/01/2025	
		01/01/2018		
Action by:	NM			
Description & purpose:	The Network Manager shall exchange flight information via services compliant with the EUROCONTROL SWIM Specifications, as described in Annex 5.1.6 of Commission Regulation (EU) 716/2014. The NM might need to upgrade their infrastructure/systems in line with the services implemented.			
Supporting material(s):	EUROCONTROL - SPEC-168 - EUROCONTROL Specification for SWIM Service Description - Edition 1.0 / 12/2017			
1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	Url: https://www.eurocontrol.int/publication/eurocontrol-specifications-system-wide-information-management-swim			
	EUROCONTROL - SPEC-169 - EUROCONTROL Specification for SWIM Information Definition - 1.0 / 12/2017			
	Url: https://www.eurocontrol.int/publication/eurocontrol-specifications-system-wide-information-management-swim			
	EUROCONTROL - SPEC-170 - EUROCONTROL Specification for SWIM Technical Infrastructure (TI) Yellow Profile - Edition 1.0 / 12/2017			
	Url: https://www.eurocontrol.int/publication/eurocontrol-specifications-s	ystem-wide-information-r	management-swim	

INF08.1	Information Exchanges using the SWIM Yellow TI Profile		
ATM Master Plan	[ER APP ATC 160]-ATC to ATC Flight Data Exchange Using The Flight Object		
relationship:	[SWIM-APS-03a]-Provision of G/G ATFCM Information Services		
	[SWIM-APS-04a]-Consumption of G/G ATFCM Information Services		
	[SWIM-INFR-01a]-High Criticality SWIM Services infrastructure Support and Connectivity.		
	[SWIM-NET-01a]-SWIM Network Point of Presence		
	[SWIM-SUPT-01a]-SWIM Supporting Registry Provisions		
	[SWIM-SUPT-03a]-SWIM Supporting Security Provisions		
	[SWIM-SUPT-05a]-SWIM Supporting IP Network Bridging Provisions		
Finalisation criteria:	1 - The exchange of flight information is performed in conformance with the EUROCONTROL SWIM specifications.		