

PCP		Removed							ECAC+	
AOM19.2		ASM Management of Real-Time Airspace Data								
REG	ASP	MIL	APO	USE	INT	IND	NM	MET	AIS	USP

## Subject matter and scope

Implement enhanced Airspace Management (ASM) by automated exchange services of ASM data during the tactical phase continuously in real time. ASM information (real-time Airspace Reservation (ARES) status) is shared between ASM systems, civil and military ATS units/systems and needs to be communicated to NM in the tactical phase. The data shared with NM is mostly related to the early airspace release pertinent to the possibility that the released airspace could be plannable by IFPS. These data, consisting of pre-notification of activation, notification of activation, de-activation, modification and release of airspace are collected, saved and processed in order to be exchanged between ASM stakeholders and be made available to ATM actors; while some airspace users are not directly involved in ASM process, they will be notified by the Network Manager.

The scope of this objective encompasses:

- Procedural and system upgrades (ASM, ATM, NM and AU systems (Computer Flight Plan Software Providers (CFSP)) for exchange of real time airspace status data;
- Integration and management of ASM real-time data into ANSPs' ATM systems and into AUs' (CFSPs) flight planning systems;
- Full sharing of real-time airspace status updates in order to take early advantage of possible opportunities and/or to achieve real-time awareness of airspace situation;
- Network impact assessment of the changes resulting of the application of the above processes.

**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			
Timescales:	From:	By:	Applicable to:
Initial operational capability	01/01/2017		Applicability Area
Full operational capability		01/01/2022	Applicability Area

## References

### European ATM Master Plan

Ol step -	<a href="#">[AOM-0202-A]-Automated Support for strategic, pre-tactical and tactical Civil-Military Coordination in Airspace Management (ASM).</a>								
Enablers -	AAMS-06b AOM19.5	AAMS-09a AOM19.5	AAMS-11	AIMS-06	ER APP ATC 77	MIL-0502	NIMS-42	PRO-011	
	PRO-024	SWIM-APS- 02a	SWIM-APS- 03a	SWIM-INFR- 05a	SWIM-NET- 01a				
Ol step -	<a href="#">[AOM-0206-A]-Flexible and modular ARES in accordance with the VPA design principle</a>								
Enablers -	AAMS-06b AOM19.5	AAMS-06c	AAMS-09a AOM19.5	AOC-ATM-15	ER APP ATC 77	SWIM-APS- 03a	SWIM-APS- 04a	SWIM-INFR- 05a	
	SWIM-NET- 01a								

Legend:	WXYZ-001	Covered by SLoA(s) in this objective	WXYZ-002 zzz	Covered by SLoA(s) in another objective Objective covering the enabler	WXYZ-003	Not covered in the Implementation Plan
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### Applicable legislation

- Regulation (EC) No 2150/2005 of 23 December 2005 on Implementation and Application of the Flexible Use of Airspace
- Regulation (EU) No 716/2014 on the establishment of the Pilot Common Project

### Essential Operational Changes

- none -

### SESAR Solution

#31 - Variable profile military reserved areas and enhanced (further automated) civil-military collaboration

### ICAO GANP - ASBUs

## Implementation Plan Edition 2022

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- none -	
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**Deployment Programme**

- none -	
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**European Plan for Aviation Safety**

- none -	
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**Operating Environments**

En-Route
Network
Terminal Airspace

**Stakeholder Lines of Action (SLoAs)**

SLoA ref.	Title	From	By
<b>AOM19.2-ASP01</b>	Adapt ATM systems for real-time ASM data exchanges	01/01/2017	01/01/2022
<b>AOM19.2-ASP02</b>	Adapt local ASM support system for real-time ASM data exchanges with NM systems	01/01/2017	01/01/2022
<b>AOM19.2-ASP03</b>	Implement procedures related to real-time (tactical) ASM level III information exchange	01/01/2017	01/01/2022
<b>AOM19.2-USE01</b>	Adapt airspace users systems for real-time ASM data exchanges with NM	01/01/2017	01/01/2022
<b>AOM19.2-NM01</b>	Adapt NM systems for real-time ASM data exchanges	01/01/2017	01/01/2022
<b>AOM19.2-NM02</b>	Implement procedures related to real-time (tactical) ASM level III information exchange	01/01/2017	01/01/2022

Description of finalised and deleted SLoAs is available on the eATM Portal @ [https://www.eatmportal.eu/working/depl/essip\\_objectives](https://www.eatmportal.eu/working/depl/essip_objectives)

**Expected Performance Benefits**

<b>Safety:</b>	Improved through better co-ordination of civil and military airspace needs at the European Network level. Potential gains through more efficient airspace allocation and better knowledge of traffic environment, common situational awareness, and some enhancement through reduction in controller workload.
<b>Capacity:</b>	Increased through better utilization of airspace resources within and across airspace boundaries leading to reduction of flight delays.
<b>Operational Efficiency:</b>	Increased through the availability of more optimum routes/trajectories allowing lower fuel burn.
<b>Cost Efficiency:</b>	-
<b>Environment:</b>	Emissions reduced through the use of more optimum routes/trajectories.
<b>Security:</b>	-

**Detailed SLoA Descriptions**

<b>AOM19.2-ASP01</b>	<b>Adapt ATM systems for real-time ASM data exchanges</b>	<b>From:</b>	<b>By:</b>
		01/01/2017	01/01/2022
<b>Action by:</b>	<b>ANS Providers</b>		
<b>Description &amp; purpose:</b>	Adapt ATM systems to exchange airspace reservation (ARES) messages containing real time (tactical) activation status of predefined airspace structures with local ASM support systems and to display airspace status data at the CWP.		

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<b>Supporting material(s):</b>	<p>EUROCONTROL - European Route Network Improvement Plan (ERNIP) Part 3 - Airspace Management Handbook - Guidelines for Airspace Management - 5.5 / 11/2017            Url : <a href="https://www.eurocontrol.int/publication/european-route-network-improvement-plan-ernip-part-3">https://www.eurocontrol.int/publication/european-route-network-improvement-plan-ernip-part-3</a></p> <p>EUROCONTROL - Advanced FUA Concept - Edition 1.0            Url : <a href="http://www.eurocontrol.int/sites/default/files/publication/files/advanced-fua-concept-v1.0-sept-2015.pdf">http://www.eurocontrol.int/sites/default/files/publication/files/advanced-fua-concept-v1.0-sept-2015.pdf</a></p> <p>EUROCONTROL - SPEC-112 - EUROCONTROL Specification for the application of the Flexible Use of Airspace (FUA) - Edition 1.1 / 01/2009            Url : <a href="https://www.eurocontrol.int/publication/eurocontrol-specification-application-flexible-use-airspace-fua">https://www.eurocontrol.int/publication/eurocontrol-specification-application-flexible-use-airspace-fua</a></p> <p>EUROCONTROL - SPEC-179 - EUROCONTROL Specification for Airspace Management (ASM) Support System Requirements supporting the ASM processes at local and FAB level Part II ASM to ASM Systems Interface Requirements - 1.0 / 01/2020            Url : <a href="https://www.eurocontrol.int/publication/eurocontrol-specification-airspace-management-asm-support-system-requirements">https://www.eurocontrol.int/publication/eurocontrol-specification-airspace-management-asm-support-system-requirements</a></p> <p>SJU - SESAR Solution 31: Data Pack for variable profile military reserved areas and enhanced civil-military collaboration            Url : <a href="https://www.sesarju.eu/sesar-solutions/variable-profile-military-reserved-areas-and-enhanced-civil-military-collaboration">https://www.sesarju.eu/sesar-solutions/variable-profile-military-reserved-areas-and-enhanced-civil-military-collaboration</a></p> <p>EUROCONTROL - SPEC 166 - EUROCONTROL Specification for Airspace Management (ASM) Support System Requirements supporting the ASM processes at local and FAB level Part I - Baseline Requirements - Edition 1.0 / 09/2017            Url : <a href="https://www.eurocontrol.int/publication/eurocontrol-specification-airspace-management-asm-support-system-requirements">https://www.eurocontrol.int/publication/eurocontrol-specification-airspace-management-asm-support-system-requirements</a></p>		
<b>ATM Master Plan relationship:</b>	<a href="#">[ER APP ATC 77]-ATC Systems enhanced to exchange real-time (tactical) airspace status data with ASM support system</a>		
<b>Finalisation criteria:</b>	1 - ATM systems have been adapted to enable real-time ASM data exchanges with local ASM support systems.		
<b>AOM19.2-ASP02</b>	<b>Adapt local ASM support system for real-time ASM data exchanges with NM systems</b>	From: 01/01/2017	By: 01/01/2022
<b>Action by:</b>	<b>ANS Providers</b>		
<b>Description &amp; purpose:</b>	Adapt local ASM support system to provide NM systems real time airspace status updates through the exchange of ASM data. These data consist of pre-notification of activation, notification of activation, de-activation, modification and release of airspace.		
<b>Supporting material(s):</b>	<p>EUROCONTROL - European Route Network Improvement Plan (ERNIP) Part 3 - Airspace Management Handbook - Guidelines for Airspace Management - 5.5 / 11/2017            Url : <a href="https://www.eurocontrol.int/publication/european-route-network-improvement-plan-ernip-part-3">https://www.eurocontrol.int/publication/european-route-network-improvement-plan-ernip-part-3</a></p> <p>EUROCONTROL - LARA (Local and sub-Regional Airspace Management Support System)            Url : <a href="https://www.eurocontrol.int/software/local-and-sub-regional-airspace-management-support-system">https://www.eurocontrol.int/software/local-and-sub-regional-airspace-management-support-system</a></p> <p>EUROCONTROL - Advanced FUA Concept - Edition 1.0            Url : <a href="http://www.eurocontrol.int/sites/default/files/publication/files/advanced-fua-concept-v1.0-sept-2015.pdf">http://www.eurocontrol.int/sites/default/files/publication/files/advanced-fua-concept-v1.0-sept-2015.pdf</a></p> <p>EUROCONTROL - SPEC-112 - EUROCONTROL Specification for the application of the Flexible Use of Airspace (FUA) - Edition 1.1 / 01/2009            Url : <a href="https://www.eurocontrol.int/publication/eurocontrol-specification-application-flexible-use-airspace-fua">https://www.eurocontrol.int/publication/eurocontrol-specification-application-flexible-use-airspace-fua</a></p> <p>EUROCONTROL - SPEC-179 - EUROCONTROL Specification for Airspace Management (ASM) Support System Requirements supporting the ASM processes at local and FAB level Part II ASM to ASM Systems Interface Requirements - 1.0 / 01/2020            Url : <a href="https://www.eurocontrol.int/publication/eurocontrol-specification-airspace-management-asm-support-system-requirements">https://www.eurocontrol.int/publication/eurocontrol-specification-airspace-management-asm-support-system-requirements</a></p> <p>SJU - SESAR Solution 31: Data Pack for variable profile military reserved areas and enhanced civil-military collaboration            Url : <a href="https://www.sesarju.eu/sesar-solutions/variable-profile-military-reserved-areas-and-enhanced-civil-military-collaboration">https://www.sesarju.eu/sesar-solutions/variable-profile-military-reserved-areas-and-enhanced-civil-military-collaboration</a></p> <p>EUROCONTROL - SPEC 166 - EUROCONTROL Specification for Airspace Management (ASM) Support System Requirements supporting the ASM processes at local and FAB level Part I - Baseline Requirements - Edition 1.0 / 09/2017            Url : <a href="https://www.eurocontrol.int/publication/eurocontrol-specification-airspace-management-asm-support-system-requirements">https://www.eurocontrol.int/publication/eurocontrol-specification-airspace-management-asm-support-system-requirements</a></p> <p>EUROCONTROL - NM B2B Airspace Services Reference Manual            Url : <a href="https://www.eurocontrol.int/service/network-manager-business-business-b2b-web-services">https://www.eurocontrol.int/service/network-manager-business-business-b2b-web-services</a></p>		
<b>ATM Master Plan relationship:</b>	<a href="#">[AAMS-06c]-Local ASM Tools to be updated to support Transmission of VPA-related data from local ASM tool to the NM</a> <a href="#">[AAMS-11]-ASM support systems enhanced to exchange real-time airspace status updates</a>		
<b>Finalisation criteria:</b>	1 - ASM support systems have been adapted to enable real-time ASM data exchanges with NM.		
<b>AOM19.2-ASP03</b>	<b>Implement procedures related to real-time (tactical) ASM level III information exchange</b>	From: 01/01/2017	By: 01/01/2022

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<b>Action by:</b>	<b>ANS Providers</b>		
<b>Description &amp; purpose:</b>	Develop and implement the ASM/ATFCM and ATC procedures for ASM real time data exchanges with different actors and systems (NM, Military authorities, AMC, ATC).		
<b>Supporting material(s):</b>	<p>EUROCONTROL - NOP Portal User Guide - Edition 21.5-119            Url : <a href="https://www.eurocontrol.int/sites/default/files/content/documents/nm/network-operations/user-guides/nop-portal-user-guide-current.pdf">https://www.eurocontrol.int/sites/default/files/content/documents/nm/network-operations/user-guides/nop-portal-user-guide-current.pdf</a></p> <p>EUROCONTROL - European Route Network Improvement Plan (ERNIP) Part 3 - Airspace Management Handbook - Guidelines for Airspace Management - 5.5 / 11/2017            Url : <a href="https://www.eurocontrol.int/publication/european-route-network-improvement-plan-ernip-part-3">https://www.eurocontrol.int/publication/european-route-network-improvement-plan-ernip-part-3</a></p> <p>EUROCONTROL - Advanced FUA Concept - Edition 1.0            Url : <a href="http://www.eurocontrol.int/sites/default/files/publication/files/advanced-fua-concept-v1.0-sept-2015.pdf">http://www.eurocontrol.int/sites/default/files/publication/files/advanced-fua-concept-v1.0-sept-2015.pdf</a></p> <p>EUROCONTROL - SPEC-112 - EUROCONTROL Specification for the application of the Flexible Use of Airspace (FUA) - Edition 1.1 / 01/2009            Url : <a href="https://www.eurocontrol.int/publication/eurocontrol-specification-application-flexible-use-airspace-fua">https://www.eurocontrol.int/publication/eurocontrol-specification-application-flexible-use-airspace-fua</a></p> <p>EUROCONTROL - SPEC-179 - EUROCONTROL Specification for Airspace Management (ASM) Support System Requirements supporting the ASM processes at local and FAB level Part II ASM to ASM Systems Interface Requirements - 1.0 / 01/2020            Url : <a href="https://www.eurocontrol.int/publication/eurocontrol-specification-airspace-management-asm-support-system-requirements">https://www.eurocontrol.int/publication/eurocontrol-specification-airspace-management-asm-support-system-requirements</a></p> <p>SJU - SESAR Solution 31: Data Pack for variable profile military reserved areas and enhanced civil-military collaboration            Url : <a href="https://www.sesarju.eu/sesar-solutions/variable-profile-military-reserved-areas-and-enhanced-civil-military-collaboration">https://www.sesarju.eu/sesar-solutions/variable-profile-military-reserved-areas-and-enhanced-civil-military-collaboration</a></p> <p>EUROCONTROL - SPEC 166 - EUROCONTROL Specification for Airspace Management (ASM) Support System Requirements supporting the ASM processes at local and FAB level Part I - Baseline Requirements - Edition 1.0 / 09/2017            Url : <a href="https://www.eurocontrol.int/publication/eurocontrol-specification-airspace-management-asm-support-system-requirements">https://www.eurocontrol.int/publication/eurocontrol-specification-airspace-management-asm-support-system-requirements</a></p>		
<b>ATM Master Plan relationship:</b>	<p><a href="#">[PRO-011]-ASM Procedures to ensure that the change in airspace availability is promulgated through SWIM and reflected in the NOP</a></p> <p><a href="#">[PRO-024]-ASM Procedures related to real-time (tactical) ASM level III information exchange</a></p>		
<b>Finalisation criteria:</b>	1 - Procedures related to real-time (tactical) ASM level III information exchange implemented.		
<b>AOM19.2-USE01</b>	<b>Adapt airspace users systems for real-time ASM data exchanges with NM</b>	From: 01/01/2017	By: 01/01/2022
<b>Action by:</b>	<b>Airspace Users</b>		
<b>Description &amp; purpose:</b>	Adapt airspace users' systems (Computer Flight Plan Software Providers (CFSP) for real-time ASM data exchanges.		
<b>Supporting material(s):</b>	<p>EUROCONTROL - NOP Portal User Guide - Edition 21.5-119            Url : <a href="https://www.eurocontrol.int/sites/default/files/content/documents/nm/network-operations/user-guides/nop-portal-user-guide-current.pdf">https://www.eurocontrol.int/sites/default/files/content/documents/nm/network-operations/user-guides/nop-portal-user-guide-current.pdf</a></p> <p>EUROCONTROL - European Route Network Improvement Plan (ERNIP) Part 3 - Airspace Management Handbook - Guidelines for Airspace Management - 5.5 / 11/2017            Url : <a href="https://www.eurocontrol.int/publication/european-route-network-improvement-plan-ernip-part-3">https://www.eurocontrol.int/publication/european-route-network-improvement-plan-ernip-part-3</a></p> <p>EUROCONTROL - Advanced FUA Concept - Edition 1.0            Url : <a href="http://www.eurocontrol.int/sites/default/files/publication/files/advanced-fua-concept-v1.0-sept-2015.pdf">http://www.eurocontrol.int/sites/default/files/publication/files/advanced-fua-concept-v1.0-sept-2015.pdf</a></p> <p>EUROCONTROL - SPEC-112 - EUROCONTROL Specification for the application of the Flexible Use of Airspace (FUA) - Edition 1.1 / 01/2009            Url : <a href="https://www.eurocontrol.int/publication/eurocontrol-specification-application-flexible-use-airspace-fua">https://www.eurocontrol.int/publication/eurocontrol-specification-application-flexible-use-airspace-fua</a></p> <p>EUROCONTROL - SPEC-179 - EUROCONTROL Specification for Airspace Management (ASM) Support System Requirements supporting the ASM processes at local and FAB level Part II ASM to ASM Systems Interface Requirements - 1.0 / 01/2020            Url : <a href="https://www.eurocontrol.int/publication/eurocontrol-specification-airspace-management-asm-support-system-requirements">https://www.eurocontrol.int/publication/eurocontrol-specification-airspace-management-asm-support-system-requirements</a></p> <p>SJU - SESAR Solution 31: Data Pack for variable profile military reserved areas and enhanced civil-military collaboration            Url : <a href="https://www.sesarju.eu/sesar-solutions/variable-profile-military-reserved-areas-and-enhanced-civil-military-collaboration">https://www.sesarju.eu/sesar-solutions/variable-profile-military-reserved-areas-and-enhanced-civil-military-collaboration</a></p> <p>EUROCONTROL - SPEC 166 - EUROCONTROL Specification for Airspace Management (ASM) Support System Requirements supporting the ASM processes at local and FAB level Part I - Baseline Requirements - Edition 1.0 / 09/2017            Url : <a href="https://www.eurocontrol.int/publication/eurocontrol-specification-airspace-management-asm-support-system-requirements">https://www.eurocontrol.int/publication/eurocontrol-specification-airspace-management-asm-support-system-requirements</a></p>		
<b>Finalisation criteria:</b>	1 - Systems have been adapted for real-time ASM data exchanges with NM.		

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<b>AOM19.2-NM01</b>	<b>Adapt NM systems for real-time ASM data exchanges</b>	From: 01/01/2017	By: 01/01/2022
<b>Action by:</b>	<b>NM</b>		
<b>Description &amp; purpose:</b>	<p>NM systems should be enhanced to receive and process and display real-time airspace activation, de-activation and modification of ARES using standard format and protocols and include this information in the NOP.            NM system should be enhanced to perform the Network impact assessment of the airspace changes resulting of the real-time airspace data exchanges.</p>		
<b>Supporting material(s):</b>	<p>EUROCONTROL - European Route Network Improvement Plan (ERNIP) Part 3 - Airspace Management Handbook - Guidelines for Airspace Management - 5.5 / 11/2017            Url : <a href="https://www.eurocontrol.int/publication/european-route-network-improvement-plan-ernip-part-3">https://www.eurocontrol.int/publication/european-route-network-improvement-plan-ernip-part-3</a></p> <p>EUROCONTROL - Advanced FUA Concept - Edition 1.0            Url : <a href="http://www.eurocontrol.int/sites/default/files/publication/files/advanced-fua-concept-v1.0-sept-2015.pdf">http://www.eurocontrol.int/sites/default/files/publication/files/advanced-fua-concept-v1.0-sept-2015.pdf</a></p> <p>EUROCONTROL - SPEC-112 - EUROCONTROL Specification for the application of the Flexible Use of Airspace (FUA) - Edition 1.1 / 01/2009            Url : <a href="https://www.eurocontrol.int/publication/eurocontrol-specification-application-flexible-use-airspace-fua">https://www.eurocontrol.int/publication/eurocontrol-specification-application-flexible-use-airspace-fua</a></p> <p>EUROCONTROL - SPEC-179 - EUROCONTROL Specification for Airspace Management (ASM) Support System Requirements supporting the ASM processes at local and FAB level Part II ASM to ASM Systems Interface Requirements - 1.0 / 01/2020            Url : <a href="https://www.eurocontrol.int/publication/eurocontrol-specification-airspace-management-asm-support-system-requirements">https://www.eurocontrol.int/publication/eurocontrol-specification-airspace-management-asm-support-system-requirements</a></p> <p>SJU - SESAR Solution 31: Data Pack for variable profile military reserved areas and enhanced civil-military collaboration            Url : <a href="https://www.sesarju.eu/sesar-solutions/variable-profile-military-reserved-areas-and-enhanced-civil-military-collaboration">https://www.sesarju.eu/sesar-solutions/variable-profile-military-reserved-areas-and-enhanced-civil-military-collaboration</a></p> <p>EUROCONTROL - SPEC 166 - EUROCONTROL Specification for Airspace Management (ASM) Support System Requirements supporting the ASM processes at local and FAB level Part I - Baseline Requirements - Edition 1.0 / 09/2017            Url : <a href="https://www.eurocontrol.int/publication/eurocontrol-specification-airspace-management-asm-support-system-requirements">https://www.eurocontrol.int/publication/eurocontrol-specification-airspace-management-asm-support-system-requirements</a></p>		
<b>ATM Master Plan relationship:</b>	<a href="#">[NIMS-42]-NM systems enhanced to receive, process and display real-time tactical (ASM level III) airspace usage information</a>		
<b>Finalisation criteria:</b>	1 - NM systems adapted for real-time ASM data exchanges.		
<b>AOM19.2-NM02</b>	<b>Implement procedures related to real-time (tactical) ASM level III information exchange</b>	From: 01/01/2017	By: 01/01/2022
<b>Action by:</b>	<b>NM</b>		
<b>Description &amp; purpose:</b>	Develop and implement the ASM/ATFCM procedures for ASM real time data exchanges with different actors and systems (NM, Military authorities, CFSPs, ATC, AMC), including a Network impact assessment of the airspace changes resulting of the real-time airspace data exchanges.		
<b>Supporting material(s):</b>	<p>EUROCONTROL - NOP Portal User Guide - Edition 21.5-119            Url : <a href="https://www.eurocontrol.int/sites/default/files/content/documents/nm/network-operations/user-guides/nop-portal-user-guide-current.pdf">https://www.eurocontrol.int/sites/default/files/content/documents/nm/network-operations/user-guides/nop-portal-user-guide-current.pdf</a></p> <p>EUROCONTROL - European Route Network Improvement Plan (ERNIP) Part 3 - Airspace Management Handbook - Guidelines for Airspace Management - 5.5 / 11/2017            Url : <a href="https://www.eurocontrol.int/publication/european-route-network-improvement-plan-ernip-part-3">https://www.eurocontrol.int/publication/european-route-network-improvement-plan-ernip-part-3</a></p> <p>EUROCONTROL - Advanced FUA Concept - Edition 1.0            Url : <a href="http://www.eurocontrol.int/sites/default/files/publication/files/advanced-fua-concept-v1.0-sept-2015.pdf">http://www.eurocontrol.int/sites/default/files/publication/files/advanced-fua-concept-v1.0-sept-2015.pdf</a></p> <p>EUROCONTROL - SPEC-112 - EUROCONTROL Specification for the application of the Flexible Use of Airspace (FUA) - Edition 1.1 / 01/2009            Url : <a href="https://www.eurocontrol.int/publication/eurocontrol-specification-application-flexible-use-airspace-fua">https://www.eurocontrol.int/publication/eurocontrol-specification-application-flexible-use-airspace-fua</a></p> <p>EUROCONTROL - SPEC-179 - EUROCONTROL Specification for Airspace Management (ASM) Support System Requirements supporting the ASM processes at local and FAB level Part II ASM to ASM Systems Interface Requirements - 1.0 / 01/2020            Url : <a href="https://www.eurocontrol.int/publication/eurocontrol-specification-airspace-management-asm-support-system-requirements">https://www.eurocontrol.int/publication/eurocontrol-specification-airspace-management-asm-support-system-requirements</a></p> <p>SJU - SESAR Solution 31: Data Pack for variable profile military reserved areas and enhanced civil-military collaboration            Url : <a href="https://www.sesarju.eu/sesar-solutions/variable-profile-military-reserved-areas-and-enhanced-civil-military-collaboration">https://www.sesarju.eu/sesar-solutions/variable-profile-military-reserved-areas-and-enhanced-civil-military-collaboration</a></p> <p>EUROCONTROL - SPEC 166 - EUROCONTROL Specification for Airspace Management (ASM) Support System Requirements supporting the ASM processes at local and FAB level Part I - Baseline Requirements - Edition 1.0 / 09/2017            Url : <a href="https://www.eurocontrol.int/publication/eurocontrol-specification-airspace-management-asm-support-system-requirements">https://www.eurocontrol.int/publication/eurocontrol-specification-airspace-management-asm-support-system-requirements</a></p>		

<b>AOM19.2</b>	<b>ASM Management of Real-Time Airspace Data</b>
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<b>ATM Master Plan relationship:</b>	<a href="#">[PRO-011]-ASM Procedures to ensure that the change in airspace availability is promulgated through SWIM and reflected in the NOP</a> <a href="#">[PRO-024]-ASM Procedures related to real-time (tactical) ASM level III information exchange</a>
<b>Finalisation criteria:</b>	1 - Procedures related to real-time (tactical) ASM level III information exchange implemented.

