Domains			ardisation				Regu			Moster		SDM			pyment		Comment	Version:
	Standardisation acitivy	Standardisation organisation	WG or Committee	Target date for standard publication		Regulatory activity	Regulatory organisation	Target date for regulatory material publication	Status	Master Plan reference	PCP AF	reference Deployment Plan Families	Start of investment	Industrialisation completion	Start of deployment	End of deployment		
Navigatio applicatio																		
Airborne capability	Update of ED-75 to support Initial 4D navigation capabilities as part of the package with EPP (ED-75D published)	EUROCAE	WG-85		Published						AF6	6.1.2 6.1.5					ED-75 is about Navigation accuracy. Impact on CTA.	
Enhanced Terminal Airspace (RNP-Base Operation	Doc 9613 Ed 4 using	ICAO	PBN Study Group		Published					STD-001	AF1	1.2.1 1.2.2 1.2.3 1.2.4 1.2.5						
	DOC 9613 Ed 5	ICAO	PBN Study Group	TBD	Ongoing						AF1	1.2.1 1.2.2 1.2.3 1.2.4 1.2.5					Inclusion of time dimension in PBN Manual. ICAO covering ED-75D.	
						EASA regulatory material on PBN incorporating Doc 9613 EASA RMT 0519	EASA	2017	Ongoing		AF1	1.2.1 1.2.4 1.2.5						
						PBN Implementing rule	EC	2017	Ongoing		AF1	1.2.1 1.2.3 1.2.4 1.2.5					RMT.0639 - Performance Based Navigation (PBN) implementation in the European Air Traffic Management Network (EATMN) → Opinion 10/2016 dated 02/08/2016 refers .Approval processed by Single Sky Committee.	
Navigatio technical enablers	n																	
GNSS	SARPS GPS L5	ICAO	NSP	2017	Ongoing													
	SARPS Galileo	ICAO	NSP	2018	Ongoing													
GBAS						RMT.0680 - Ground Based Argumentation System (GBAS) CAT		TBD	Planned								planned start was 2016 postponed until ICAO NSP work concludes in 2017	
GBAS CA	T I GBAS Cat 1 ED-114A	EUROCAE	WG-28		Published													
	ED-114A Change 1 Ground Based Augmentation System (GBAS) VHF ground-air Data Broadcast (VDB);Technical	ETSI	WG-28	2016	Published													
	characteristics and methods of measurement for ground-based equipment; Harmonized EN covering the essential requirements of article 3.2 Directive 2014/53/EU	n															Radio Equipment Directvie/art. 3.2; listed in the OJEU	
GNSS Air receiver	porne MOPS on GPS/GALILEO L1/L5 E1/E5a Antenna	EUROCAE	WG-62	2017	Ongoing													

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activity

	Receiver using Dual Frequency GPS/GALILEO, with multi constellation SBAS	WG-62	2018	Ongoing					STD-023				
	SARPS on Cat ICAO II/III GBAS	NSP	2017	Ongoing									
	GBAS Cat II/III EUROCAE multiconstellation/ multifrequency / System level, Ground station, airborne	WG-28	2020	Planned					STD-026				Review milestone in 2017
	GBAS Cat II/III L1 EUROCAE ED-114B	WG-28	2018	Ongoing					BTNAV- STD-09				
echnology	Alternative EUROCAE Position, Navigation and Time solution (A-		2025	Planned									Long terms activity at EUROCAE
EVS/SVS	PNT) as GNSS Minimum Aviation System Performance Standards (MASPS) for an Synthetic Vision Guidance System	WG-79	2017	Ongoing									
	for Take of Minimum Aviation System Performance Standards (MASPS) for an Combined Vision Guidance System	WG-79	2017	Ongoing					BTNAV- 0504				
Airport system	for Rotorcraft												
CDM	Revision of EUROCONTRO EUROCONTROL Airport CDM Manual	DL	2017	Ongoing					STD-059	AF2	2.1.1 2.1.3 2.1.4 2.4.1		New functions supporting routing and planning Strong link to 2.1.3 and 2.1.
					CS on Airport CDM	ETSI	2019	Not planned		AF2	2.1.1 2.1.3 2.1.4		
					TBD	EASA	TBD	TBD					RMT.0682 - Implement the regulatory needs of the SESAR Common Projects → will be activate depending on the needs ar after the review of the SESAR deliverables (today with particular priorities in PCP) will conclude the need to do so.
					Airport Collaborative Decision Making (A- CDM); Community Specification EN 303 212	ETSI		Published		AF2	2.1.1 2.1.3 2.1.4		
A-SMGCS	Update of ED-87B EUROCAE to ED-87C	WG-41		Published					STD-010	AF2	2.2.1		
					Update of A-SMGCS CS to comply with ED 87C as a	ETSI	2017	Published		AF2	2.2.1 2.4.1 2.5.1		awaiting OJEU listing; the request for OJ publication (with effective date of

corrected title of deliverable; added SESAR MP reference Multiconstellation Receiver ED-xxx deleted from RDP; several potential activities could be foreseen in

Change comment

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•		T	1	<u>, </u>	1							
						Update of A-SMGCS CS to comply with ED 87C as a	ETSI	2017	Published		AF2	2.2.1 2.4.1 2.5.1
						prerequisite for the PCP EN 303 213-2						
1	Update of ED-87C to include the new functions: routing & planning and additional safety		WG-41	2017	Ongoing						AF2	2.2.1 2.4.1 2.5.1 2.5.2
0	nets ED-87D											
0	Update of ED-87D to ED-87E	EUROCAE	WG-41	2018	Planned							
	MOPS for MLAT ED-117A	EUROCAE	WG-41		Published						AF2	2.2.1
	MOPS for Surface Movement Radar Sensor Systems for Use in A- SMGCS ED-116A	EUROCAE	WG-41	2018	Ongoing						AF2	2.2.1
	Guidelines for Surveillance Data Fusion for A- SMGCS Levels 1&2	EUROCAE	WG-41	2018	Ongoing					ASMGCS- STD-01	AF2	2.2.1
	FD-128A					Update CS on ASMGCS to comply with ED-87D EN 303 213-1	ETSI	2018	Planned		AF2	2.2.1 2.4.1 2.5.1 2.5.2
						Update CS on ASMGCS to comply with ED-87D EN 303 213-2	ETSI	2018	Planned		AF2	2.2.1 2.4.1 2.5.1 2.5.2
						Update CS on ASMGCS to comply with ED-87D EN 303 213-3	ETSI	2018	Planned		AF2	2.2.1 2.4.1 2.5.1 2.5.2
						Update CS on ASMGCS to comply with ED-87D EN 303 213-7	ETSI	2018	Planned		AF2	2.2.1 2.4.1 2.5.1 2.5.2
						Update CS on ASMGCS to comply with ED 87-E EN 303 213-8	ETSI	2019	Planned		AF2	2.2.1 2.4.1 2.5.1 2.5.2
	Revision of	EUROCONTROL		2017	Ongoing					STD-060	AF2	2.2.1
	EUROCONTROL A-SMGCS Manual											2.4.1 2.5.1
						TBD	EASA	TBD	Not planned			
						A-SMGCS; Part 1: Community	ETSI		Published		AF2	2.2.1 2.4.1
						Specification EN 303 213-1 A-SMGCS; Part 2: Community Specification	ETSI		Published		AF2	2.2.1 2.4.1 2.5.1
0						EN 303 213-2						2.0.1

Posponed by 1 year

awaiting OJEU listing; the request for OJ publication (with effective date of

Validation limited to Real

could lead to lack of maturity

4 European Norms are

expected to cope with ED-87D

EN 303 213-8 is related to A-SMGCS guidance service and so ED 87-E. It is

and so ED 87-E. It is expected to have the deliverable approved for consultation (ENAP) by the end of 2018, in parallel with the finalization of ED 87-E. ENAP comments, if any, will be dealt with early in 2019.

RMT.0682 - Implement the regulatory needs of the SESAR Common

Projects→ will be activate depending on the needs and

after the review of the SESAR deliverables (today

with particular priorities in PCP) will conclude the need

to do so.

Time Simulation

"supercession" of the updated CS on 1 September

2017)

Existing item splitted into several items

Comment removal

I	A-SMGCS; Part 5- ETSI	2017	ongoing						AF2	2.2.1		
	1: Harmonized EN		21.93119						, <u>~</u>	'		
	covering the											
	essential requirements of											
	article 3.2 of the											
	Directive											
	2014/53/EU for multilateration											
	equipment; Sub-											
	part 1: receivers											
	and interrogators											Radio Equipment
	EN 303 213-5-1		<u> </u>			1		ļ				Directive/art. 3.2
	A-SMGCS;Part 5- ETSI 2: Harmonized EN	2017	ongoing						AF2	2.2.1		
	covering the											
	essential											
	requirements of article 3.2 of the											
	Directive											
	2014/53/EU for											
	multilateration											
	equipment; Sub- part 2: reference											
	and vehicle											Radio Equipment
	transmitters											Directive/art. 3.2
	EN 303 213-5-2 A-SMGCS; Part 6: ETSI		Published				 		AF2	2.2.1		
	Harmonized EN								-	·-—· •		
	covering the											
	essential requirements of											
	article 3.2 of the											
	Directive											
	2014/53/EU for deployed surface											Radio Equipment Directive/art. 3.2; New
	movement radar											revision just started
	sensors; Sub-part											,
	1: X-band sensors											
	using pulsed signals and											
	transmitting power											
	up to 100 kW											
	up to 100 kW EN 303 213-6-1			A.SMGCS: Bort 2	ETSI		Dublished		ΔΕΟ	2 2 4		
	up to 100 kW EN 303 213-6-1			A-SMGCS; Part 3:	ETSI		Published		AF2	2.2.1		
	up to 100 kW EN 303 213-6-1			Community Specification for a	ETSI		Published		AF2	2.2.1		
	up to 100 kW EN 303 213-6-1		3	Community Specification for a deployed	ETSI		Published		AF2	2.2.1		
	up to 100 kW EN 303 213-6-1			Community Specification for a deployed cooperative sensor	ETSI		Published		AF2	2.2.1		
	up to 100 kW EN 303 213-6-1		C C C ii	Community Specification for a deployed	ETSI		Published		AF2	2.2.1		
	up to 100 kW EN 303 213-6-1		i i	Community Specification for a deployed cooperative sensor including its interfaces A-SMGCS; Part 4:			Published Published		AF2	2.2.1		
	up to 100 kW EN 303 213-6-1		i i	Community Specification for a deployed cooperative sensor including its interfaces A-SMGCS; Part 4: Community								
	up to 100 kW EN 303 213-6-1		ii ii	Community Specification for a deployed cooperative sensor including its interfaces A-SMGCS; Part 4: Community Specification for a								
	up to 100 kW EN 303 213-6-1			Community Specification for a deployed cooperative sensor including its interfaces A-SMGCS; Part 4: Community Specification for a deployed non- cooperative sensor								
	up to 100 kW EN 303 213-6-1		i i	Community Specification for a deployed cooperative sensor including its interfaces A-SMGCS; Part 4: Community Specification for a deployed non- cooperative sensor including its								
	up to 100 kW EN 303 213-6-1		ii ii ii ii ii	Community Specification for a deployed cooperative sensor including its interfaces A-SMGCS; Part 4: Community Specification for a deployed non- cooperative sensor including its interfaces; Sub-part								
	up to 100 kW EN 303 213-6-1		ii ii ii ii ii	Community Specification for a deployed cooperative sensor including its interfaces A-SMGCS; Part 4: Community Specification for a deployed non- cooperative sensor including its interfaces; Sub-part 1: Generic	ETSI							
	up to 100 kW EN 303 213-6-1			Community Specification for a deployed cooperative sensor including its interfaces A-SMGCS; Part 4: Community Specification for a deployed non- cooperative sensor including its interfaces; Sub-part 1: Generic requirements for non- cooperative sensor	ETSI							
	up to 100 kW EN 303 213-6-1			Community Specification for a deployed cooperative sensor including its interfaces A-SMGCS; Part 4: Community Specification for a deployed non- cooperative sensor including its interfaces; Sub-part 1: Generic requirements for non-	ETSI							
	up to 100 kW EN 303 213-6-1			Community Specification for a deployed cooperative sensor including its interfaces A-SMGCS; Part 4: Community Specification for a deployed non- cooperative sensor including its interfaces; Sub-part 1: Generic requirements for non- cooperative sensor	ETSI							
	up to 100 kW EN 303 213-6-1		ii	Community Specification for a deployed cooperative sensor including its interfaces A-SMGCS; Part 4: Community Specification for a deployed non- cooperative sensor including its interfaces; Sub-part 1: Generic requirements for non- cooperative sensor EN 303 213-4-1	ETSI		Published		AF2	2.2.1		
	up to 100 kW EN 303 213-6-1		ii	Community Specification for a deployed cooperative sensor including its interfaces A-SMGCS; Part 4: Community Specification for a deployed non- cooperative sensor including its interfaces; Sub-part 1: Generic requirements for non- cooperative sensor EN 303 213-4-1	ETSI							
	up to 100 kW EN 303 213-6-1			Community Specification for a deployed cooperative sensor including its interfaces A-SMGCS; Part 4: Community Specification for a deployed non- cooperative sensor including its interfaces; Sub-part 1: Generic requirements for non- cooperative sensor EN 303 213-4-1 A-SMGCS; Part 4: Community Specification for a	ETSI		Published		AF2	2.2.1		
	up to 100 kW EN 303 213-6-1			Community Specification for a deployed cooperative sensor including its interfaces A-SMGCS; Part 4: Community Specification for a deployed non- cooperative sensor including its interfaces; Sub-part 1: Generic requirements for non- cooperative sensor EN 303 213-4-1 A-SMGCS; Part 4: Community Specification for a deployed non-	ETSI		Published		AF2	2.2.1		
	up to 100 kW EN 303 213-6-1			Community Specification for a deployed cooperative sensor including its interfaces A-SMGCS; Part 4: Community Specification for a deployed non- cooperative sensor including its interfaces; Sub-part 1: Generic requirements for non- cooperative sensor EN 303 213-4-1 A-SMGCS; Part 4: Community Specification for a deployed non- cooperative sensor	ETSI		Published		AF2	2.2.1		
	up to 100 kW EN 303 213-6-1			Community Specification for a deployed cooperative sensor including its interfaces A-SMGCS; Part 4: Community Specification for a deployed non- cooperative sensor including its interfaces; Sub-part 1: Generic requirements for non- cooperative sensor EN 303 213-4-1 A-SMGCS;Part 4: Community Specification for a deployed non- cooperative sensor including its interfaces; Sub-part	ETSI		Published		AF2	2.2.1		
	up to 100 kW EN 303 213-6-1			Community Specification for a deployed cooperative sensor including its interfaces A-SMGCS; Part 4: Community Specification for a deployed non- cooperative sensor including its interfaces; Sub-part 1: Generic requirements for non- cooperative sensor EN 303 213-4-1 A-SMGCS;Part 4: Community Specification for a deployed non- cooperative sensor including its interfaces; Sub-part 2: Specific	ETSI		Published		AF2	2.2.1		
	up to 100 kW EN 303 213-6-1			Community Specification for a deployed cooperative sensor including its interfaces A-SMGCS; Part 4: Community Specification for a deployed non- cooperative sensor including its interfaces; Sub-part 1: Generic requirements for non- cooperative sensor EN 303 213-4-1 A-SMGCS; Part 4: Community Specification for a deployed non- cooperative sensor including its interfaces; Sub-part 2: Specific requirements for a	ETSI		Published		AF2	2.2.1		
	up to 100 kW EN 303 213-6-1			Community Specification for a deployed cooperative sensor including its interfaces A-SMGCS; Part 4: Community Specification for a deployed non- cooperative sensor including its interfaces; Sub-part 1: Generic requirements for non- cooperative sensor EN 303 213-4-1 A-SMGCS;Part 4: Community Specification for a deployed non- cooperative sensor including its interfaces; Sub-part 2: Specific	ETSI		Published		AF2	2.2.1		
	up to 100 kW EN 303 213-6-1			Community Specification for a deployed cooperative sensor including its interfaces A-SMGCS; Part 4: Community Specification for a deployed non- cooperative sensor including its interfaces; Sub-part 1: Generic requirements for non- cooperative sensor EN 303 213-4-1 A-SMGCS;Part 4: Community Specification for a deployed non- cooperative sensor including its interfaces; Sub-part 2: Specific requirements for a deployed Surface Movement Radar sensor	ETSI		Published		AF2	2.2.1		
	up to 100 kW EN 303 213-6-1			Community Specification for a deployed cooperative sensor including its interfaces A-SMGCS; Part 4: Community Specification for a deployed non- cooperative sensor including its interfaces; Sub-part 1: Generic requirements for non- cooperative sensor EN 303 213-4-1 A-SMGCS;Part 4: Community Specification for a deployed non- cooperative sensor including its interfaces; Sub-part 2: Specific requirements for a deployed Surface Movement Radar	ETSI		Published		AF2	2.2.1		
Queue	up to 100 kW EN 303 213-6-1			Community Specification for a deployed cooperative sensor including its interfaces A-SMGCS; Part 4: Community Specification for a deployed non- cooperative sensor including its interfaces; Sub-part 1: Generic requirements for non- cooperative sensor EN 303 213-4-1 A-SMGCS;Part 4: Community Specification for a deployed non- cooperative sensor including its interfaces; Sub-part 2: Specific requirements for a deployed Surface Movement Radar sensor	ETSI		Published		AF2	2.2.1		
Queue management & approach	up to 100 kW EN 303 213-6-1			Community Specification for a deployed cooperative sensor including its interfaces A-SMGCS; Part 4: Community Specification for a deployed non- cooperative sensor including its interfaces; Sub-part 1: Generic requirements for non- cooperative sensor EN 303 213-4-1 A-SMGCS;Part 4: Community Specification for a deployed non- cooperative sensor including its interfaces; Sub-part 2: Specific requirements for a deployed Surface Movement Radar sensor	ETSI		Published		AF2	2.2.1		
Queue management & approach sequencing	EN 303 213-6-1			Community Specification for a deployed cooperative sensor including its interfaces A-SMGCS; Part 4: Community Specification for a deployed non- cooperative sensor including its interfaces; Sub-part 1: Generic requirements for non- cooperative sensor EN 303 213-4-1 A-SMGCS;Part 4: Community Specification for a deployed non- cooperative sensor including its interfaces; Sub-part 2: Specific requirements for a deployed Surface Movement Radar sensor	ETSI		Published		AF2	2.2.1		
Queue management & approach sequencing TBS for final	EUROCONTROL EUROCONTROL	2017		Community Specification for a deployed cooperative sensor including its interfaces A-SMGCS; Part 4: Community Specification for a deployed non- cooperative sensor including its interfaces; Sub-part 1: Generic requirements for non- cooperative sensor EN 303 213-4-1 A-SMGCS;Part 4: Community Specification for a deployed non- cooperative sensor including its interfaces; Sub-part 2: Specific requirements for a deployed Surface Movement Radar sensor	ETSI		Published	STD-065	AF2	2.2.1		
Queue management & approach sequencing	EUROCONTROL EUROCONTROL Time Based	2017		Community Specification for a deployed cooperative sensor including its interfaces A-SMGCS; Part 4: Community Specification for a deployed non- cooperative sensor including its interfaces; Sub-part 1: Generic requirements for non- cooperative sensor EN 303 213-4-1 A-SMGCS;Part 4: Community Specification for a deployed non- cooperative sensor including its interfaces; Sub-part 2: Specific requirements for a deployed Surface Movement Radar sensor	ETSI		Published	STD-065	AF2	2.2.1		
Queue management & approach sequencing TBS for final	EUROCONTROL EUROCONTROL	2017		Community Specification for a deployed cooperative sensor including its interfaces A-SMGCS; Part 4: Community Specification for a deployed non- cooperative sensor including its interfaces; Sub-part 1: Generic requirements for non- cooperative sensor EN 303 213-4-1 A-SMGCS;Part 4: Community Specification for a deployed non- cooperative sensor including its interfaces; Sub-part 2: Specific requirements for a deployed Surface Movement Radar sensor	ETSI		Published	STD-065	AF2	2.2.1		

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				AMC on TBS	EASA	TBD	Not planned						RMT.0682 - Implement to regulatory needs of the SESAR Common Projectsà will be activated depending on the needs after the review of the SESAR deliverables (too with particular priorities in PCP) will conclude the needs after the review of the SESAR deliverables (too with particular priorities in PCP) will conclude the needs
service	MASPS covering the Extended horizon AMAN upstream coordination service	G-104 2017	Ongoing						AF1	1.1.2			Consistent with SWIM baseline standarfd (see SWIM domain)
En Route ATM functions													
	Revision of EUROCONTROL EUROCONTROL Specification EUROCONTROL-SPEC-139	2017	Ongoing		OFN	0040		STD-061	AF3	3.2.1			Required for 3.2.4, but system implementation covered by 3.2.1
	EUROCONTROL EUROCONTROL	2017	Ongoing	CS on free route	CEN	2018	Not planned		AF3	3.1.2			
	Specification for ASM Systems Interfaces Supporting Advanced Flexible Use of Airspace	2017	Origonia						Als	3.1.3			
	Revision of EUROCONTROL STCA Guidelines EUROCONTROL-GUID-123	2017	Ongoing						AF3	3.2.1			
	Revision of EUROCONTROL Monitoring Aids (MONA) Specification EUROCONTROL- SPEC-142	2017	Ongoing					STD-062	AF3	3.2.1			
	Revision of EUROCONTROL Trajectory Prediction Specification EUROCONTROL-	2017	Ongoing					STD-063	AF3	3.2.1			ATM function also used many Families in AF1 a AF4
	SPEC-143 Revision of EUROCONTROL Area Proximity Warning (APW) Guidelines EUROCONTROL-	2017	Ongoing					STD-064	AF3	3.2.1			ATM function also used many Families in AF1
	GUID-125			TBD	EASA	TBD	Not planned						RMT.0682 - Implement regulatory needs of the SESAR Common Projects — will be actived depending on the needs after the review of the SESAR deliverables (too with particular priorities PCP) will conclude the to do so.
Surveillance													
ACAS	MOPS for TCAS II EUROCAE W hybrid surveillance	G-75	Published										
	ED-221A	G-75 2017	Ongoing										
	ED-XX MASPS on EUROCAE W AFGS/ACAS coupling	G-75 2018	Ongoing										
	MOPS for EUROCAE W ACAS-Xa	G-75 2018	Ongoing										

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Ground applications	Generic SPR for surveillance service	EUROCAE	WG-102	2017	Ongoing				STD-027			
						Rulemaking task RMT 0679 -Revision of SPI (Surveillance Performance and Interoperability)	2018	Ongoing				
Airborne applications	SPR & INTEROP ASPA-FIM ED-195A	EUROCAE	WG-51		Published				ASAS-STD- 01			
	ED-230	EUROCAE	WG-51		Published				ASAS-STD- 01			
	ASAS Spacing Application – Interval Management in DOC 4444	ICAO	SP-ASTAF	2018	Ongoing							
Surveillance technical enablers												
ADS ground station	ADS-B ground station 1090MHz ED-129A	EUROCAE	WG-51		Published							
	Update ADS-B ground station 1090MHz	EUROCAE	WG-51	2017	Ongoing				STD-027			
Mode S transponder	ED-129B MOPS Mode S transponder ED-73F	EUROCAE	WG-49	2019	Planned							
		EUROCAE	WG-49	2019	Planned							
WAM/ADS-B composite	TS for composite ED-142A	EUROCAE	WG-51	2017	Ongoing							
	Multilateration (WAM) systems Harmonised Standard covering the essential requirements of article 3.2 of the	ETSI		2018	Ongoing							Radio Equipment Directiv article 3.2
MSPSR	system	EUROCAE	WG-103	2017	Ongoing							
	Multi-Static Primary Surveillance Radar (MSPSR); Harmonized Standard covering the essential requirements of article 3.2 of	ETSI		2017	ongoing							Radio Equipment Directivarticle 3.2
SSR	Secondary Surveillance Radar (SSR); Harmonized standard covering the essential requirements of article 3.2 of Directive	ETSI		2017	ongoing							Radio Equipment Directivarticle 3.2
				2017	ongoing							Radio Equipment Directiv article 3.2

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0	Surveillance Radar (PSR); Part 2: Harmonized Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU for Air Traffic Control (ATC) Primary Surveillance Radar sensors operating in 2700-3100 MHz frequency band (S band) EN 303 364-2			2017	ongoing									Radio Equipment Directive/ article 3.2
0	Surveillance Radar (PSR); Part 3: Harmonized Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU for Air Traffic Control (ATC) Primary Surveillance Radar sensors operating in 8500-10000 MHz frequency band (X band) EN 303 364-3				ongoing									Radio Equipment Directive/ article 3.2
	Specification for Al Purpose Structured EUROCONTROL Surveillance Information Exchange (ASTERIX) Revision of	EUROCONTROL		2018	Published Planned									
0	EUROCONTROL Specification for Al Purpose Structured EUROCONTROL Surveillance Information Exchange (ASTERIX)													
ESASSP 0	EUROCONTROL Specification for ATM Surveillance System Performance (ESASSP)				Published									
0	Revision of EUROCONTROL Specification for ATM Surveillance System Performance (ESASSP) EUROCONTROL- SPEC-147	EUROCONTROL		2018	Planned									
Network services														
Enhanced Short Term										AF4	4.1.2			Guidance Material from NM to be refer
1 ATFCM Collaborative 1 NOP CTOT to TTA										AF4	4.2.2 4.2.4 4.3.2			Guidance Material from NM to be refer Guidance Material from NM
1 for ATFCM Automated Support for Traffic Complexity										AF4	4.4.2			to be refer Guidance Material from NM to be refer
1 Assessment ADEXP					 	CS Revision of ADEXP EUROCONTROL- SPEC-0107	EUROCONTROL	TBD	Planned					

0							TBD	EASA	TBD	Not planned					RMT.0682 - Implement the regulatory needs of the SESAR Common Projects -> will be activate depending on the needs and after the review of the SESAR deliverables (today with particular priorities in PCP) will conclude the need to do so.
1	SWIM														
	SWIM Common Components	SWIM Foundation	EUROCONTROL		2017	Ongoing					SWIM-STD- 07	AF5	5.1.3 5.1.4 5.2.2 5.3.1 5.4.1 5.5.1 5.6.1 5.6.2		
1		AIRM	EUROCONTROL		2017	Ongoing					SWIM-STD-	AF5	5.1.3		
0					_0.,						01	, o	5.1.4 5.2.2 5.3.1 5.4.1 5.5.1 5.6.1 5.6.2		
0		AIRM Rulebook	EUROCONTROL		2017	Ongoing					SWIM-STD- 08	AF5	5.1.3 5.1.4 5.2.2 5.3.1 5.4.1 5.5.1 5.6.1 5.6.2		
O .		ATM Information Reference Model (AIRM) Rulebook	EUROCONTROL		2017	Ongoing									
0		Compliance framework	EUROCONTROL		2017	Ongoing					SWIM-STD- 06	AF5	5.1.3 5.1.4 5.2.2 5.3.1		
0		TI Yellow Profile	EUROCONTROL		2017	Ongoing						AF5	5.3.1 5.1.1 5.1.2 5.1.3 5.1.4 5.2.1 5.2.2 5.2.3 5.3.1 5.4.1 5.5.1 5.6.1		
0		TI Blue Profile	EUROCONTROL		2020	Ongoing					SWIM-STD- 04	AF5	5.1.1 5.1.2 5.1.3 5.1.4 5.2.1 5.2.2 5.2.3 5.6.2		
0		Supporting material for SWIM profile	EUROCAE		2020	Planned							-15-12		
1	AIS services			, , , , , , , , , , , , , , , , , , ,											
0	Aeronautical information	AIXM	EUROCONTROL			Published						AF5	5.3.1		

Change of date

exchange						Community CEN	2019	Not Planned						1
						specification on AMDB								
	SARPS on AIRM	ICAO	IMP	2018	Ongoing	ANNES				AF5	5.3.1 5.4.1 5.5.1			
	Electronic e-AIP	EUROCONTROL			Published					AF5	5.6.1 5.3.1			
	Specification													
	Standard for processing aeronautical data ED-76A	EUROCAE	WG-44		Published					AF5	5.3.1			
	TS User Requirements for terrain & obstacle data	EUROCAE	WG-44		Published					AF5	5.3.1			
	FD-98C TS User Requirements for Mapping information FD-99D	EUROCAE	WG-44		Published					AF5	5.3.1			
	TS User Requirements for navigation data ED-77A	EUROCAE	WG-44	2018	Planned									
	Terrain, obstacles and aerodrome maps AIS Data Exchange Standard ED-119C	EUROCAE	WG-44		Published				AIMS-STD- 01 STD-032	AF5	5.3.1 5.4.1			
Data-link services	SPR for AIS datalink services ED-175A	EUROCAE	WG-76	2017	Ongoing				AGDLS- STD-06					SPR available 1 year
	MASPS AIS Datalink	EUROCAE	WG-76	2018	Ongoing							1	ı I	
Meteo system	Applications													
& services														
Meteorological information exchange	iWXXM	ICAO	METP		Published					AF5	5.4.1			
SWIM	MET SWIM Service	EUROCAE		2020						AF5	5.4.1			
Data-link services	SPR for MET datalink services ED-175A	EUROCAE	WG-76	2017	Ongoing									
	MASPS MET Datalink Applications	EUROCAE	WG-76	2018	Ongoing				AGDLS- STD-08					
Meteorological Infrastructure	MET sensors	EUROCAE		2020	Planned									
Radar enabler	S-band meteorological radars; Harmonized Standard covering the essential requirements of article 3.2 of	ETSI		2018	Ongoing									Radio Equipment Dir article 3.2
	X-band meteorological radars; Harmonized Standard covering the essential requirements of	ETSI		2018	Ongoing									Radio Equipment Di article 3.2
	article 3.2 of		•	I	+	+								
	article 3.2 of C-band meteorological radars; Harmonized Standard covering the essential requirements of article 3.2 of	ETSI		2017	Ongoing									Radio Equipment Di article 3.2
Flight data	C-band meteorological radars; Harmonized Standard covering the essential requirements of			2017	Ongoing									Radio Equipment Di article 3.2
	C-band meteorological radars; Harmonized Standard covering the essential requirements of article 3.2 of			2017	Published					AF5	5.5.1 5.6.1			

New item

Comment/Date change

Comment/Date change

OLDI						CS Revision of EUROCONTROL- SPEC-0106 version	EUROCONTROL 20	018	Planned		AF1	1.1.2			
						4.2									
Flight object	Flight object exchange (ED-	EUROCAE	WG-59		Published						AF5	5.6.2 6.1.2			
	133) ED-133A	EUROCAE	WG-59	2020	On hold					STD-033 ATC-STD- 01	AF5	5.6.2 6.1.2			ED-133A on hold pendir progress within SESAR 1 (2019)
						Community specification on FDP IOP	CEN		Not planned	01	AF5	5.6.1 5.6.2			(2013)
IFPL						CS Revision of EUROCONTROL Specification for the Initial Flight Plan (IFPL) EUROCONTROL-		1/2017	Ongoing		AF5	5.6.1			
Security						SPEC-0101									
	Revision of ATM information security EN 16495			2019	Planned					SWIM-STD- 03	AF5	5.1.1 5.1.2 5.1.3 5.1.4 5.2.1 5.2.2 5.2.3 5.3.1 5.4.1 5.5.1 5.6.1 5.6.2			Standard based upon IS standard and focusing of ATM context. Includes a communication layers in infrastructure.
	Airworthiness Security Methods and Considerations ED-203	EUROCAE	WG-72		Published										
	Update ED-203 ED-203A	EUROCAE	WG-72	2017	Ongoing										
	Security Accreditation of ATM systems	EUROCAE	WG-72	2017	Ongoing										
	Aeronautical Information System Security (AISS) Framewor Guidance	EUROCAE	WG-72		Published					STD-056 STD-055					
	ATM information Cyber Security	EUROCAE		2020	Planned										
ATM ground system															
Architecture	Technical System Architecture Interfaces	EUROCAE		2020	Planned										
Remote tower	MASPS on surveillance system ED-240	EUROCAE	WG-100		Published										
	MASPS revision ED-240A	EUROCAE	WG-100	2018	Ongoing										
						RMT.0624 - Technical requirements for Remote TWR Operations	EASA	2018	Ongoing						
Interface	CWP / FDP Interface	EUROCAE		2020	Planned										
Search & Rescue															
	Emergency Locator Transmitters MOPS ED-62B	EUROCAE	WG-98	2018	Ongoing										
Air/ground data-link services															

Move to regulatory side as CS; added version number

Change of activity status

Move to regulatory side as CS

Date change

Date change

ATN B1	Standard on DL ATN B1	EUROCAE	WG-78		Published					AF6	6.1.1			
						Data Link Services (DLS) System; ETSI		Published		AF6	6.1.1			
						Community Specification ;								
						Requirements for ground constituents								
						and system testing EN 303 214								
				1		RMT.0524 - Data EASA	2018	Planned		AF6	6.1.1			
						Link Services	2010	i idimica		741 0	6.1.4			
ATN B2	Standard on DL	EUROCAE	WG-78		Published					AF6	6.1.2			
	ATN B2 ED-228										6.1.5			
	Standard on DL ATN B2 ED-229	EUROCAE	WG-78		Published					AF6	6.1.2 6.1.5			
	Standard on DL ATN B2 ED-230	EUROCAE	WG-78		Published					AF6	6.1.2 6.1.5			
	Standard on DL ATN B2 ED-231	EUROCAE	WG-78		Published				STD-004	AF6	6.1.2 6.1.5			
	Update ATN B2 standards ED-228A	EUROCAE	WG-78		Published					AF6	6.1.2 6.1.5			
	Update ATN B2 standards ED-229A	EUROCAE	WG-78		Published					AF6	6.1.2 6.1.5			
	Update ATN B2 standards ED-230A	EUROCAE	WG-78		Published					AF6	6.1.2 6.1.5			
	Update ATN B2 standards ED-231A	EUROCAE	WG-78		Published				STD-004	AF6	6.1.2 6.1.5			
						Updated CS on DL ETSI	2020	Not planned		AF6	6.1.2 6.1.5			
	Update of DOC4444	ICAO	COM Panel	2016	ongoing									
	Update of Doc 9869	ICAO	COM Panel	2016	ongoing					AF6	6.1.2 6.1.5			1
Air/ground														
communication technical enablers	o													
VDL Mode 2	MOPS	EUROCAE	WG-92		Published					AF6	6.1.3 6.1.4			
	ED-92B ED-92C	EUROCAE	WG-92	TBD	Planned					AF6	6.1.3		+	New ToRs following I
		ETSI			Published					AF6	6.1.4 6.1.3		 	report
	Digital Link (VDL) Mode 2, Part 3: Harmonized EN covering the essential													Radio Equipment Directive/art. 3.2; it m revised depending or outcome of the ongoi study followed by EU
	requirements of the Directive													activity

Date change

added PCP information

added PCP information

added PCP information

added PCP information

Change of status

	VHF air-ground Digital Link (VDL) Mode 2; Technical	ETSI			Published			AF6	6.1.3		
	characteristics and methods of measurement for ground-based equipment; Part 1: Physical layer and MAC sub-layer EN 301 841-1										Radio Equipment Directive/art. 3.2; it might revised depending on the outcome of the ongoing S study followed by EUROC activity
	VHF air-ground Digital Link (VDL) Mode 2; Technical characteristics and methods of measurement for ground-based equipment; Part 2: Upper Layers EN 301 841-2				Published			AF6	6.1.3		Radio Equipment Directive/art. 3.2; it might revised depending on the outcome of the ongoing S study followed by EUROC activity
AeroMacs		ICAO	COM Panel	2016	Ongoing						
		ICAO EUROCAE	COM Panel WG-82	2016	Ongoing Published						
	component ED-223										
	MASPS AeroMacs ED-227	EUROCAE	WG-82		Published		STD-018				
LDACS	L Band Air Ground Communication System	EUROCAE	WG-82	2025	Planned		STD-036				Long terms activity at EUROCAE
SATCOM	SARPS on new Satellite system	ICAO	COM Panel	2016	ongoing						SARPS update to include Class B as a first step ar Class A performance as
	Update of DOC 9925	ICAO	COM Panel	2016	ongoing						second one New Manual PBCS under development on performa
	MASPS reveision to include Inmarsat Precursor (class B)		WG-82	2017	Ongoing						Open consultation comp
	ED-242 MOPS on airborne SATCOM (class B) ED-243	EUROCAE	WG-82	2017	Ongoing						Open consultation comp
	MASPS revision to include New Generation		WG-82	2017	Ongoing						
	SATCOM (class A) MOPS on airborne SATCOM (class A)	EUROCAE	WG-82	2017	Ongoing		STD-020				
VDL Mode 4	VHF air-ground Digital Link (VDL) Mode 4 radio equipment; Technical	ETSI			Published						
	characteristics and methods of measurement for ground-based equipment; Part 5: Harmonized EN covering the essential										under revision in order to align it with the new Rad Equipment Directive 2014/53/EU

Date change

Date change

Comment change

UHF	Ground boood IETO	Publish at	T	Г				T	1
	Ground-based ETSI UHF radio transmitters,	Published							
	receivers and								
	transceivers for the UHF								
	aeronautical mobile service								
	using amplitude modulation; Part 1:								
	Technical								
	characteristics and methods of								
	measurement EN 302 617-1								
	Ground-based ETSI UHF radio	Published							
	transmitters, receivers and								
	transceivers for the UHF								Radio Equipment
	aeronautical								Directive/art. 3.2; under revision (consolidation of pa
	mobile service using amplitude								1 and 2 into one single
	modulation; Part 2: Harmonized EN								European Norm)
	covering the essential								
	requirements								
	Ground-based ETSI VHF hand-held,	Published							
	mobile and fixed radio transmitters,								
	receivers and transceivers for								
	the VHF aeronautical								
	mobile service								Revision planned
	using amplitude modulation; Part 1:								
	Technical characteristics and								
	methods of measurement								
	EN 300 676-1								
	Ground-based ETSI VHF hand-held,	Published							
	mobile and fixed radio transmitters,								
	receivers and transceivers for								
	the VHF								
	aeronautical mobile service								under revision in order to align it with the new Radio
	using amplitude modulation; Part 2:								Equipment Directive 2014/53/EU
	Harmonized EN covering essential								
	requirements of article 3.2								
	Directive 2014/53/EU								
	EN 300 676-2	2047							
	Part 22: Specific ETSI conditions for	2017							
	ground based VHF aeronautical								
	mobile and fixed radio equipment;								
	Harmonised Standard covering								Radio Equipment Directive/art. 3.2
	the essential requirements of								Diroduve/art. J.Z
	article 3.1(b) of the Directive								
	2014/53/EU EN 301 489-22								
Air/air data-	LIN 301 1 03-22								
link services	AIR AIR point to EUROCAE	2025 Planned							
	point Data-Link Services						 		Long terms activity at EUROCAE
Ground/groun d data-link									
services									

duplicated item

New activity item

AMHS					CS Revision of EUROCONTROL Specification on the Air Traffic Services Message Handling System (AMHS) EUROCONTROL- SPEC-136	EUROCONTROL	2018	Planned			Revision on going	
VolP	Voice over IP Ground/Ground Communication Update of ED-137 based upon implementation feedbacks	WG-67	2016	Ongoing					AF3 3.1.4		VoIP enabler for Dynamic Sector Sectorisation	
Drones												
UAS/RPAS	Consideration for frequency use for professional UAS in Europe. TR 103 373		2017	Ongoing								
ACAS for drones	MOPS for EUROCAE ACAS-Xu ED-XX	WG-75	2020	Planned								
Other domains												
Performances	Revision of EUROCONTROL Specification for Operational ANS Performance Monitoring Airport Operator Dataflow	ROL	2017	Ongoing								
	EUROCONTROL Specification for Operational ANS Performance Monitoring Air Carrier Dataflow			Published								
	Revision of EUROCONTROL Specification for Operational ANS Performance Monitoring Air Carrier Dataflow	ROL	2017	Ongoing								
Environment	EUROCONTROL EUROCONTI Specification for Collaborative Environmental	ROL		Published								
	Management Revision of EUROCONTI EUROCONTROL Specification for Collaborative Environmental	ROL	2017	Planned								
	Management EUROCONTROL- SPEC-156											

Move to regulatory side as CS

Date change

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