

As defined in its Terms of Reference, the EASCG is a joint coordination and advisory group established to coordinate the ATM-related standardisation activities, essentially stemming from the European ATM Master Plan, in support of Single European Sky implementation. The RDP focusses on the SES-related standardisation and regulatory-related activities and is periodically updated to reflect the current situation. It may therefore not be exhaustive in some areas. In addition, ICAO materials listed in the RDP are not exhaustive. Its contents should be used for information purposes only.

Version: 8.0
11/03/2019

Change A=added D=deleted M=modified	Domains	Standardisation					Regulation				Master Plan reference	PCP AF	SDM reference Deployment Plan Families	Joint activity with RTCA	Link to ICAO ASBU	Comment
		Standardisation activity	Standardisation organisation	WG/Panel	Target date for standard publication	Status	Regulatory activity	Regulatory organisation	Target date for regulatory material publication	Status						
1 Navigation applications																
M	Airborne capability	Update of ED-75 to support Initial 4D navigation capabilities as part of the package with EPP ED-75D	EUROCAE	WG-85		Published						AF1 AF6	1.2.4 6.1.2 6.1.5	DO-236C Change 1	B0-TBO	
	Enhanced Terminal Airspace using RNP-Based Operations	Doc 9613 Ed 4	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			
							EASA regulatory material on PBN incorporating Doc 9613	EASA	2019	Ongoing		AF1	1.2.4 1.2.5			addition of SDM family references
							COMMISSION IMPLEMENTING REGULATION (EU) 2018/1048 of 18 July 2018 laying down airspace usage requirements and operating procedures concerning performance-based navigation refers	EC		Published		AF1	1.2.1 1.2.3 1.2.4 1.2.5			
1 Navigation technical enablers																
GNSS	SARPS GPS L5	ICAO	NSP	2017	Ongoing											
	SARPS Galileo	ICAO	NSP	2018	Ongoing											
							Implementation of the regulatory needs of the SESAR common projects RMT.0682	EASA	TBC	Planned						No target date
GBAS CAT I	GBAS Cat 1 ED-114A	EUROCAE	WG-28		Published										B0-APTA	

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M		ED-114A Change 1	Eurocae	WG-28		Published									B0-APTA	
		Ground Based Augmentation System (GBAS) VHF ground-air Data Broadcast (VDB); Technical characteristics and methods of measurement for ground-based equipment; Harmonized EN covering the essential requirements of article 3.2 Directive 2014/53/EU EN 303 084 (V2.1.1)	ETSI			Published										
		Minimum Operational Performance Standard for Galileo / Global Positioning System / Satellite-Based Augmentation System Airborne Equipment ED-259	Eurocae	WG-62		Published						STD-023		coordinated activities	B2-APTA	Document published
		Minimum Operational Performance Standard for Galileo / Global Positioning System / Satellite-Based Augmentation System Airborne Equipment ED-259 A	Eurocae	WG-62	Q4/2020	Planned						STD-023		Joint document	B2-APTA	Revision of ED-259 as a new joint activity with RTCA Still subject to RTCA confirmation
		GBAS CAT III	SARPS on Cat II/III GBAS	ICAO	NSP	2017	Ongoing									
		GBAS Cat II/III multiconstellation/multifrequency / System level, Ground station, airborne equipment	Eurocae	WG-28	2020	Planned						STD-026			B2-APTA	
		GBAS Cat II/III L1 ED-114B	Eurocae	WG-28	2018	Ongoing						BTNAV-STD-09			B2-APTA	
		GNSS Contingency	Revision of ED-57 ED-57A	Eurocae	WG-107	Q2/2020	Ongoing									

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		MASPS for RNP reversion using DME/DME positioning ED-XXX	EUROCAE	WG-107	Q2/2020	Ongoing											
M	EVS/SVS	MASPS for a Combined Vision Guidance System for Rotorcraft Operations ED-255	EUROCAE	WG-79		Published								coordinated activities	B0-SURF	Document published	
		Safety Performance and Interoperability Requirements Document Defining Takeoff Minima by Use of Enhanced Flight Vision Systems ED-257	EUROCAE	WG-79		Published					BTNAV-0504			coordinated activities	B0-APTA		
		MASPS) for Aircraft state awareness Synthetic Vision System ED-249	EUROCAE	WG-79		Published								coordinated activities	B0-APTA		
Airport system																	
1	DMAN & A-CDM						CS on Airport CDM	ETSI	2019	Not planned		AF2	2.1.1 2.1.3 2.1.4				
							Implementation of the regulatory needs of the SESAR common projects RMT.0682	EASA	TBC	TBD						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. No decision regarding the activity	
							Airport Collaborative Decision Making (A-CDM); Community Specification EN 303 212 (V 1.1.1)	ETSI		Published		AF2	2.1.1 2.1.3 2.1.4				
	Runway system	MASPS for Runway Weather Information ED-XX	EUROCAE	WG-109	2020	On going											

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A	A-SMGCS	EUROCONTROL Specification for Surface Advanced-Surface Movement Guidance and Control System (A-SMGCS) EUROCONTROL-SPEC-171 Edition 1.1	EUROCONTROL		Q1/2020	Planned										New item
		Systems	EUROCAE	WG-41		Published		Update of A-SMGCS CS to comply with ED 87C as a prerequisite for the PCP EN 303 213-1 (V 1.4.1)	ETSI		Published	STD-010	AF2	2.2.1	B2-SURF	
													AF2	2.2.1 2.4.1 2.5.1		
													AF2	2.2.1 2.4.1 2.5.1		
		Update of ED-87C to include the new functions: routing & planning and additional safety nets ED-87D	EUROCAE	WG-41	Q2/2019	Ongoing							AF2	2.4.1 2.5.1 2.5.2	B2-SURF	
		Update of ED-87D ED-87E	EUROCAE	WG-41	Q3/2020	Ongoing							AF2	2.4.1 2.5.1 2.5.2	B2-SURF	
		MOPS for MLAT ED-117A	EUROCAE	WG-41		Published							AF2	2.2.1	B0-SURF	
		Interop Document on Surveillance Routing Safety Support and Guidance Service data exchange ED-XXX	EUROCAE	WG-41	Q1/2021	Ongoing							AF2	2.2.1		Family update
		Guidelines for Surveillance Data Fusion for A-SMGCS Levels 1&2 ED-128A	EUROCAE	WG-41	Q3/2021	Ongoing						ASMGCS-STD-01	AF2	2.2.1	B0-SURF	
							Update CS on ASMGCS to comply with ED-87D EN 303 213-1 (V 2.1.1)	ETSI	2019	On going			AF2	2.4.1 2.5.1 2.5.2		

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EUROCONTROL Specification for Advanced-Surface Movement Guidance and Control System (A-SMGCS) Services EUROCONTROL-SPEC-171 Edition 1.0	EUROCONTROL	Update CS on ASMGCS to comply with ED-87D EN 303 213-2 (V 2.1.1)	ETSI	2019	On going		AF2	2.4.1 2.5.1 2.5.2									
		Update CS on ASMGCS to comply with ED-87D EN 303 213-3 (V 2.1.1)	ETSI	2019	On going		AF2	2.4.1 2.5.1 2.5.2									
		Update CS on ASMGCS to comply with ED-87D EN 303 213-7 (V 1.1.1)	ETSI	2019	On going		AF2	2.4.1 2.5.1 2.5.2									
		Update CS on ASMGCS to comply with ED 87-E EN 303 213-8 (V 1.1.1)	ETSI	2020	On going		AF2	2.4.1 2.5.1 2.5.2									
	A-SMGCS; Part 5-1: Harmonized EN covering the essential requirements of article 3.2 of the Directive 2014/53/EU for multilateration equipment; Sub-part 1: receivers and interrogators EN 303 213-5-1 (V 1.1.1)	Implementation of SESAR Runway safety solutions MST.029	EASA	Published			STD-060	AF2	2.2.1 2.4.1 2.5.1								
		ETSI	2019	ongoing							AF2	2.2.1					

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		Standardisation activity	Standardisation organisation	WG/Panel	Target date for standard publication	Status	Regulatory activity	Regulatory organisation	Target date for regulatory material publication	Status							
		A-SMGCS; Part 5-2: Harmonized EN covering the essential requirements of article 3.2 of the Directive 2014/53/EU for multilateration equipment; Sub-part 2: reference and vehicle transmitters EN 303 213-5-2 (V 1.1.1)	ETSI		2019	ongoing						AF2	2.2.1				
		A-SMGCS; Part 6: Harmonized EN covering the essential requirements of article 3.2 of the Directive 2014/53/EU for deployed surface movement radar sensors; Sub-part 1: X-band sensors using pulsed signals and transmitting power up to 100 kW EN 303 213-6-1 (V 2.1.1)	ETSI			Published						AF2	2.2.1			Radio Equipment Directive/art. 3.2; New revision just started	
							A-SMGCS; Part 3: Community Specification for a deployed cooperative sensor including its interfaces EN 303 213-3 (V 1.1.1)	ETSI			Published		AF2	2.2.1			
							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 (V 1.1.1)	ETSI			Published		AF2	2.2.1			

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							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 EN 303 213-4-2 (V 1.1.1)	ETSI		Published		AF2	2.2.1			
1	Queue management & approach sequencing															
	TBS for final approach	Eurocontrol Specification for Time-Based Separation support tool for Final Approach (TBS) Eurocontrol-SPEC-167 Ed1.0 Edition 1.0	Eurocontrol			Published					STD-065	AF2	2.3.1			
	Eurocontrol Guidelines for TBS	Eurocontrol		Q2/2019	On going						STD-065	AF2	2.3.1			New guidance document to complement the Eurocontrol-SPEC-167
	AMAN SWIM service	MASPS covering the Extended horizon AMAN upstream coordination service ED-254	Eurocae	WG-104		Published	TBD	EASA	TBD	Not planned						RMT.0682 - Implement the regulatory needs of the SESAR Common Projectsà 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. No decision regarding this activity
1	En Route ATM functions															

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		Standardisation activity	Standardisation organisation	WG/Panel	Target date for standard publication	Status	Regulatory activity	Regulatory organisation	Target date for regulatory material publication	Status						
M	Free route	EUROCONTROL Extended MTCD Specification EUROCONTROL-SPEC-139 Edition 2.0	EUROCONTROL			Published					STD-061	AF3	3.2.1			
		Specification for Airspace Management (ASM) support system requirements supporting the ASM processes at local and FAB level - Part I - Baseline Requirements EUROCONTROL-SPEC-166 Edition 1.0	EUROCONTROL			Published	CS on free route	CEN	2018	Not planned						
		EUROCONTROL Specification for Airspace Management (ASM) support system requirements supporting the ASM processes at local and FAB level - Part II - ASM Systems Interface Requirements EUROCONTROL-SPEC-166 Edition 1.1	EUROCONTROL		Q3/2019	On going						AF3	3.1.1 3.1.2 3.1.3			Target date
		EUROCONTROL STCA Guidelines EUROCONTROL-GUID-159	EUROCONTROL			Published						AF3	3.2.1			
		EUROCONTROL Monitoring Aids (MONA) Specification EUROCONTROL-SPEC-142	EUROCONTROL			Published					STD-062	AF3	3.2.1			
		EUROCONTROL Trajectory Prediction Specification EUROCONTROL-SPEC-143	EUROCONTROL			Published					STD-063	AF3	3.2.1			
		EUROCONTROL Area Proximity Warning (APW) Guidelines EUROCONTROL-GUID-161	EUROCONTROL			Published					STD-064	AF3	3.2.1			

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1		EUROCONTROL MSAW Guidelines EUROCONTROL-GUID-160	EUROCONTROL			Published						AF3	3.2.1			
		EUROCONTROL APM Guidelines EUROCONTROL-GUID-162	EUROCONTROL			Published										
		EUROCONTROL Guidelines for Supporting the Implementation of Commission Regulation (EU) 73/2010 (ADQ) EUROCONTROL-GUID-163	EUROCONTROL			Published						AF1 AF5	1.2.2 5.3.1			
							TBD	EASA	TBD	Not planned						RMT.0682 - Implement the regulatory needs of the SESAR Common Projectsà 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.
		Surveillance applications														
M M	ACAS	MOPS for TCAS II hybrid surveillance ED-221A	EUROCAE	WG-75		Published									B1-ACAS	
		standard on ACAS interoperability ED-XX	EUROCAE	WG-75	2017	Ongoing									B1-ACAS	
		MASPS on AFGS/ACAS coupling ED-224A	EUROCAE	WG-75	2018	Ongoing									B1-ACAS	
		MOPS for ACAS Xa with ACAS Xo functionality ED-256	EUROCAE	WG-75		Published							coordinated activities	B2-ACAS	Document published	
	Ground applications	Generic SPR for surveillance service	EUROCAE	WG-102	Q4/2019	Ongoing					STD-027				B1-ASUR	Target date
Airborne applications		SPR & INTEROP ASPA-FIM ED-195A	EUROCAE	WG-51		Published	Revision of SPI (Surveillance Performance and Interoperability) RMT 0679		EC	2019	Ongoing					EASA activity completed SPI revision under EC responsibility
		MOPS FIM ED-236	EUROCAE	WG-51		Published						ASAS-STD-01			DO-328A	B0-ASUR
		ASAS Spacing Application – Interval Management in DOC 4444	ICAO	SP-ASTAF	2018	Ongoing						ASAS-STD-01			DO-361	B0-ASUR

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		Standardisation activity	Standardisation organisation	WG/Panel	Target date for standard publication	Status	Regulatory activity	Regulatory organisation	Target date for regulatory material publication	Status						
1	Surveillance technical enablers															
	ADS ground station	ADS-B ground station 1090MHz ED-129A	EUROCAE	WG-51		Published									B0-ASUR	
	Update ADS-B ground station 1090MHz ED-129B	EUROCAE	WG-51			Published					STD-027				B0-ASUR	
	Technical Specification for an ADS-B Ground System ED-XXX	EUROCAE	WG-51	Q4/2019	On going									Joint activity with RTCA SC186		
	Mode S	EUROCONTROL Specification for European Modes S Station (EMS) EUROCONTROL-SPEC-XXX Edition 4.0	EUROCONTROL		Q2/2020	On going									New item	
	EUROCONTROL Specification for the Mode S IC Allocation Coordination and IC Conflict Management (MICA) EUROCONTROL-SPEC-153 Edition 1.1	EUROCONTROL		Q2/2020	Planned											
	Mode S transponder	MOPS Mode S transponder ED-73F	EUROCAE	WG-49	2019	Planned								coordinated activities	B0-ASUR	
	MOPS Mode S GA transponder ED-115A	EUROCAE	WG-49	2019	Planned										B0-ASUR	
	WAM/ADS-B composite	TS for composite ED-142A	EUROCAE	WG-51	Q3/2019	Ongoing								Joint activity with RTCA SC186	B1-ASUR	
	Wide Area Multilateration (WAM) systems Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU EN 303 489 (V 1.1.1)	ETSI		2020	Planned											
	MSPSR	TS for INCS system	EUROCAE	WG-103	Q3/2019	Ongoing									B1-ASUR	

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		Standardisation activity	Standardisation organisation	WG/Panel	Target date for standard publication	Status	Regulatory activity	Regulatory organisation	Target date for regulatory material publication	Status						
		Multi-Static Primary Surveillance Radar (MSPSR); Harmonized Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU EN 303 346 (V 1.1.1)	ETSI		2020	ongoing										
SSR	Secondary Surveillance Radar (SSR); Harmonized standard covering the essential requirements of article 3.2 of Directive 2014/53/EU EN 303 363 (V 1.1.1)	ETSI		2019	ongoing											
PSR in L Band	Primary Surveillance Radar (PSR); Part 1: 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 1215-1400 MHz frequency band (L band) EN 303 364-1 (V 1.1.1)	ETSI		2019	ongoing											
PSR in S band	Primary 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 (V 1.1.1)	ETSI		2019	ongoing											

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M	PSR in X band	Primary 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 (V 1.1.1)	ETSI		2019	ongoing										
	ASTERIX	EUROCONTROL Specification for All Purpose Structured EUROCONTROL Surveillance Information Exchange (ASTERIX) EUROCONTROL-SPEC-149 Edition 2.4	EUROCONTROL			Published										
		EUROCONTROL Specification for All Purpose Structured EUROCONTROL Surveillance Information Exchange (ASTERIX) EUROCONTROL-SPEC-149 Edition 2.5	EUROCONTROL		Q2/2020	Ongoing										Target date
		STANAG 5535 Edition 1 Air Surveillance and Ground Based sensors information exchange ADaTP-35	EDA			Published										
	ESASSP	EUROCONTROL Specification for ATM Surveillance System Performance (ESASSP) EUROCONTROL-SPEC-147 (Ed1.1)	EUROCONTROL			Published										

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M		Eurocontrol Specification for ATM Surveillance System Performance (ESASSP) Eurocontrol-SPEC-147 (Edition 2.0)	Eurocontrol		Q1/2020	Ongoing										Strong link and dependency with the activity of EUROCAE WG 102 Title change
M	1	Network services														
M		ADEXP					CS Eurocontrol Specification for ATS Data Exchange Presentation (ADEXP) Eurocontrol-SPEC-0107 Edition 3.2	Eurocontrol		Published		AF1 AF3 AF4	1.1.2 3.2.1 4.2.3			document published
D	1	SWIM														
		SWIM Common Components	AIRM Model	Eurocontrol			Published				SWIM-STD-01					Available on http://airm.aero/
			SWIM Service Description Eurocontrol-SPEC-168 Edition 1.0	Eurocontrol			Published				AF5	5.1.3 5.1.4 5.3.1 5.4.1 5.5.1 5.6.1 5.6.2				RMT.0682 - Implement the regulatory needs of the SESAR Common Projects > will be activated 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. Activity not yet planned There is no plan to cover this point
			SWIM Information Definition Eurocontrol-SPEC-169 Edition 1.0	Eurocontrol			Published				AF5	5.1.3 5.3.1 5.4.1 5.5.1 5.6.1 5.6.2				

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		Standardisation activity	Standardisation organisation	WG/Panel	Target date for standard publication	Status	Regulatory activity	Regulatory organisation	Target date for regulatory material publication	Status						
M		SWIM Technical Infrastructure Yellow Profile EUROCONTROL-SPEC-170 Edition 1.0	EUROCONTROL			Published					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				
		Supporting material for SWIM foundational specifications	EUROCONTROL		Q3/2020	On going										Title & Target date changes
		SWIM Technical Infrastructure - Blue Profile	EUROCONTROL		TBD	Not Planned					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			Dependent upon ED-133 update; Status change not planned
1	AIS services															
A		Aeronautical information exchange EUROCONTROL-SPEC-146 Edition XX	EUROCONTROL Specification for the electronic Aeronautical Information Publication (eAIP)	EUROCONTROL		Q2/2020	Planned				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				New item
A		EUROCONTROL Specification for the Origination of Aeronautical Data Vol 2 EUROCONTROL-SPEC-154 Edition XX	EUROCONTROL		Q2/2020	Planned										New item
A		EUROCONTROL Terrain and Obstacle Data Manual (TOD) EUROCONTROL-GUID-158 Edition 2.2	EUROCONTROL		Q2/2020	Planned										New item
		AIXM Edition 5.1.1	EUROCONTROL			Published					AF2 AF3 AF5	2.1.3 2.1.4 3.1.1 3.1.2 3.1.3 5.3.1				

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M		EUROCONTROL Specification for AIP Data Set Coding using AIXM 5.1.1	EUROCONTROL		Q2/2020	Ongoing										Title and target date changes
		EUROCONTROL Specification for Obstacle Data Set Coding using AIXM 5.1.1	EUROCONTROL		Q2/2020	Ongoing										Title and target date changes
		EUROCONTROL Specification for Digital NOTAM Data Set Coding using AIXM 5.1.1	EUROCONTROL		Q4/2020	Ongoing										Title and target date changes
		EUROCONTROL Specification for Instrument Flight Procedures Design Data Set Coding using AIXM 5.1.1	EUROCONTROL		Q2/2020	Ongoing										Title and target date changes
		Exchange of Flight Information Publication (FLIP) Data STANAG 7005 Edition 9	EDA			Published										
		AIXM Edition 5.2	EUROCONTROL		Q4/2019	On going						AF2 AF3 AF5	2.1.3 2.1.4 3.1.1 3.1.2 3.1.3 5.3.1			Title and target date changes
		EUROCONTROL Specification for AIP Data Set Coding using AIXM 5.2	EUROCONTROL		TBD	Planned										Title change
		EUROCONTROL Specification for Obstacle Data Set Coding using AIXM 5.2	EUROCONTROL		TBD	Planned										Title change
		EUROCONTROL Specification for Digital NOTAM Data Set Coding using AIXM 5.2	EUROCONTROL		TBD	Planned										Title change
		EUROCONTROL Specification for Instrument Flight Procedures Design Data Set Coding using AIXM 5.2	EUROCONTROL		TBD	Planned										Title change
							Community specification on AMDB	CEN	2019	Not Planned						

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		Standardisation activity	Standardisation organisation	WG/Panel	Target date for standard publication	Status	Regulatory activity	Regulatory organisation	Target date for regulatory material publication	Status							
M	Data-base	EUROCONTROL Specification for Data Assurance Levels EUROCONTROL-SPEC-148 Ed1.1	EUROCONTROL			Published						AF5	5.1.3 5.3.1 5.4.1 5.5.1 5.6.1 5.6.2				
		SARPS on AIRM	ICAO	IMP	2018	Ongoing											
		EUROCONTROL Specification for the electronic Aeronautical Information Publication (eAIP) EUROCONTROL-SPEC-146 Ed2.1	EUROCONTROL			Published						AF5	5.3.1				
		Standard for processing aeronautical data ED-76A	EUROCAE	WG-44		Published											
		TS User Requirements for terrain & obstacle data ED-98C	EUROCAE	WG-44		Published						AF5	5.3.1	DO-276C	B0-DAIM		
		TS User Requirements for Mapping information ED-99D	EUROCAE	WG-44		Published											
		TS User Requirements for navigation data ED-77A	EUROCAE	WG-44	2018	Planned						AF1 AF5	1.2.1 1.2.2 1.2.3 1.2.4 1.2.5 5.3.1	DO-200B	B0-DAIM	Document Published	
		Terrain, obstacles and aerodrome maps AIS Data Exchange Standard ED-119C	EUROCAE	WG-44		Published											
1	Data-link services	SPR for AIS datalink services ED-175A	EUROCAE	WG-76	2017	Ongoing						AGDLS-STD-06	5.3.1	DO-291C	B0-DAIM		
		MASPS AIS Datalink Applications ED-XXX	EUROCAE	WG-76	2018	Ongoing											
Meteo system & services																	
Meteorological information exchange		iWXXM	ICAO	METP		Published						AF2 AF5	2.1.3 2.1.4 2.3.1 5.4.1				

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1	SWIM	MET SWIM Service	EUROCAE	TBD	2020	Planned						AF5	5.4.1		B2-AMET	
	Data-link services	SPR for MET datalink services ED-175A	EUROCAE	WG-76	2017	Ongoing								coordinated activities	B2-AMET	
		MASPS MET Datalink Applications ED-XXX	EUROCAE	WG-76	2018	Ongoing					AGDLS-STD- 08			coordinated activities	B2-AMET	
	Meteorological Infrastructure	MET sensors	EUROCAE	TBD	2020	Planned									B2-AMET	
	Radar enabler	S-band meteorological radars; Harmonized Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU EN 303 347-1 (V 1.1.1)	ETSI		2019	Ongoing										
		X-band meteorological radars; Harmonized Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU EN 303 347-3 (V 1.1.1)	ETSI		2019	Ongoing										
		C-band meteorological radars; Harmonized Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU EN 303 347-2 (V 1.1.1)	ETSI		2019	Ongoing										
	Flight data exchanges															
	FIXM	FIXM v4	EUROCONTROL		Published							AF5	5.6.1			
A M		Eurocontrol Specification for On-Line Data Interchange (OLDI) Eurocontrol-SPEC-106 Edition 4.4	Eurocontrol		Q2/2020	Ongoing	CS (2019/C 31/06) OLDI EUROCONTROL-SPEC-0106 Ed4.3	EUROCONTROL		Published		AF1 AF3 AF6	1.1.2 3.2.1 6.1.1		New item	
																document published

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		Standardisation activity	Standardisation organisation	WG/Panel	Target date for standard publication	Status	Regulatory activity	Regulatory organisation	Target date for regulatory material publication	Status							
Flight object	Flight object exchange ED-133	Flight object exchange ED-133	Eurocae	WG-59		Published						AF5 AF6	5.6.2 6.1.2				
	Revision of ED-133 ED-133A	Revision of ED-133 ED-133A	Eurocae	WG-59	2021	On hold					STD-033 ATC-STD-01	AF5 AF6	5.6.2 6.1.2		B1-FICE		
							Community specification on FDP IOP	CEN		Not planned		AF5	5.6.1 5.6.2				
M	IFPL						Community Specification: EUROCONTROL Specification for the Initial Flight Plan (IFPL) Eurocontrol-SPEC-0101 Edition 4.2	EUROCONTROL		Published		AF4 AF5	4.2.3 5.6.1				
1	Security																
	Revision of ATM information security EN 16495	CEN		2019	On going						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				
	Methodology	Airworthiness Security Methods and Considerations ED-203	Eurocae	WG-72		Published								DO-356			
		Airworthiness Security Methods and Considerations ED-203A	Eurocae	WG-72		Published								DO-356			
	AISS	Aeronautical Information System Security (AISS) Framework Guidance ED-201	Eurocae	WG-72		Published											
		Revision of Aeronautical Information System Security (AISS) Framework Guidance ED-201A	Eurocae	WG-72	2020	Planned					STD-056 STD-055	AF 5	5.1.4 5.2.3	coordinated activities			
		Revision of Aeronautical Information System Security (AISS) Framework Guidance ED-204A	Eurocae	WG-72	2020	Planned						AF 5	5.1.4 5.2.3				

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		Standardisation activity	Standardisation organisation	WG/Panel	Target date for standard publication	Status	Regulatory activity	Regulatory organisation	Target date for regulatory material publication	Status							
1 M		Revision of Aeronautical Information System Security (AISS) Framework Guidance ED-205	EUROCAE	WG-72	2018	Ongoing						AF 5	5.1.4 5.2.3				
		ATM information Cyber Security	EUROCAE		2020	Planned											
	ATM ground system																
	Architecture	Technical System Architecture Interfaces	EUROCAE	TBD	2020	Planned											
	Remote tower	MASPS for Remote Tower optical systems ED-240	EUROCAE	WG-100		Published									B1-RATS		
		MASPS for Remote Tower optical systems ED-240A	EUROCAE	WG-100		Published									B1-RATS	Document Published	
		MASPS for Remote Tower optical systems ED-240B	EUROCAE	WG-100	2020	Planned									B1-RATS		
	Interface	CWP / FDP Interface	EUROCAE	TBD	2020	Planned	Technical requirements for Remote TWR Operations RMT.0624	EASA	2019	Ongoing							
	Search & Rescue																
	ELT	MOPS for Aircraft Emergency Locator Transmitters 406 MHz ED-62B	EUROCAE	WG-98		Published									Joint activity		
		Minimum Aviation System Performance Specification for Aircraft Emergency Locator Transmitter Return Link Service ED-XXX	EUROCAE	WG-98	2020	Ongoing										Document Published	
1	Air/ground data-link services																
	ATN B1	Standard on DL ATN B1	EUROCAE	WG-78		Published									AF6	6.1.1 6.1.4	

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		Standardisation activity	Standardisation organisation	WG/Panel	Target date for standard publication	Status	Regulatory activity	Regulatory organisation	Target date for regulatory material publication	Status						
							Data Link Services (DLS) System; Community Specification ; Requirements for ground constituents and system testing EN 303 214 (V 1.2.1)	ETSI		Published		AF6	6.1.1			
							Data Link Services (DLS) System; Community Specification ; Requirements for ground constituents and system testing Revision EN 303 214 (V 1.3.1)	ETSI	2019	Planned		AF6	6.1.1			
							Data Link Services RMT.0524	EASA	2020	Ongoing		AF6	6.1.1 6.1.4			
ATN B2	Update ATN B2 standards ED-228A	EUROCAE	WG-78		Published							AF6	6.1.2 6.1.5	DO-350A	B0-TBO	
	Update ATN B2 standards ED-229A	EUROCAE	WG-78		Published							AF6	6.1.2 6.1.5	DO-351A	B0-TBO	
	Update ATN B2 standards ED-230A	EUROCAE	WG-78		Published							AF6	6.1.2 6.1.5	DO-352A	B0-TBO	
	Update ATN B2 standards ED-231A	EUROCAE	WG-78		Published						STD-004	AF6	6.1.2 6.1.5	DO-353A	B0-TBO	
	Update of DOC4444	ICAO	COM Panel	2016	ongoing	Updated CS on DL	ETSI	2020	Not planned			AF6	6.1.2			
	Update of Doc 9869	ICAO	COM Panel	2018	ongoing							AF6	6.1.2 6.1.5			
	Air/ground communication technical enablers															
A	ATN/IPS	Technical Standard of Aviation Profiles for ATN-IPS ED-262	EUROCAE	WG-108	2020	Ongoing								coordinated activities	B0-TBO	Open consultation
		Guidance on ATN/IPS end to end interoperability and certification ED-XX	EUROCAE	WG-108	2020	Ongoing								coordinated activities	B0-TBO	
M	VDL Mode 2	VDL 2 Airborne MOPS ED-92B	EUROCAE	WG-92		Published						AF6	6.1.4 6.1.5	DO-281B	B0-TBO	Family update
		Revision of ED-92B ED-92C	EUROCAE	WG-92		ED-92C published						AF6	6.1.4 6.1.5	DO-281C	B0-TBO	Family update
		Revision of ED-92C ED-92D	EUROCAE	WG-92	Q4/2020	Ongoing						AF6	6.1.4 6.1.5	Joint activity with RTCA SC 214	B0-TBO	

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		Standardisation activity	Standardisation organisation	WG/Panel	Target date for standard publication	Status	Regulatory activity	Regulatory organisation	Target date for regulatory material publication	Status						
M		Companion document (Ground VDL Mode 2 systems expected behavior) ED-XX	EUROCAE	WG-92	Q4/2019	Ongoing						AF6	6.1.4 6.1.5	Joint activity with RTCA SC 215	B0-TBO	Family update
		VHF air-ground Digital Link (VDL) Mode 2, Part 3: Harmonized EN covering the essential requirements of the Directive 2014/53/EU EN 301 841-3 (V 2.1.1)	ETSI			Published						AF6	6.1.3			
		VHF air-ground Digital Link (VDL) Mode 2, Part 3: Harmonized EN covering the essential requirements of the Directive 2014/53/EU EN 301 841-3 (V 2.2.1)	ETSI		2019	Planned						AF6	6.1.3			Depending upon the result of Study item on VHF Data Link Mode 2 ground-based equipment standardization optimisation; Evolution of Data Link European Norms TR 103 553
		VHF air-ground Digital Link (VDL) Mode 2; Technical characteristics and methods of measurement for ground-based equipment; Part 1: Physical layer and MAC sub-layer EN 301 841-1 (V 1.4.1)	ETSI			Published						AF6	6.1.3			
		VHF air-ground Digital Link (VDL) Mode 2; Technical characteristics and methods of measurement for ground-based equipment; Part 1: Physical layer and MAC sub-layer EN 301 841-1 (V 1.5.1)	ETSI		2019	Planned						AF6	6.1.3			Depending upon the result of Study item on VHF Data Link Mode 2 ground-based equipment standardization optimisation; Evolution of Data Link European Norms TR 103 553

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		Standardisation activity	Standardisation organisation	WG/Panel	Target date for standard publication	Status	Regulatory activity	Regulatory organisation	Target date for regulatory material publication	Status						
		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 (V 1.1.1)	ETSI			Published						AF6	6.1.3			
		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 (V 1.2.1)	ETSI		2019	Planned						AF6	6.1.3			Depending upon the result of Study item on VHF Data Link Mode 2 ground-based equipment standardization optimisation; Evolution of Data Link European Norms TR 103 553
AeroMacs	SARPS on AeroMacs	ICAO	COM Panel	2016	Ongoing											
	Doc 10044	ICAO	COM Panel	2016	Ongoing											
	MOPS airborne component ED-223	EUROCAE	WG-82		Published									DO-346		
	MASPS AeroMacs ED-227	EUROCAE	WG-82		Published											
	Airport Surface Data Link (AeroMACS) Harmonised Standard for access to radio spectrum EN 303 623 (V 1.1.1)	ETSI		2019	Planned						STD-018					
LDACS	L Band Air Ground Communication System	EUROCAE	WG-82	2025	Planned						STD-036				B3-TBO	Long terms activity at EUROCAE
SATCOM	SARPS on new Satellite system	ICAO	COM Panel	2016	ongoing											
	Update of DOC 9925	ICAO	COM Panel	2016	ongoing											
	MASPS for AMS(R)S Data and Voice Communications Supporting Required Communications Performance (RCP) and Required Surveillance Performance (RSP) ED-242	EUROCAE	WG-82		Published						AF 6	6.1.2 6.1.5	coordinated activities	B2-TBO		

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		Standardisation activity	Standardisation organisation	WG/Panel	Target date for standard publication	Status	Regulatory activity	Regulatory organisation	Target date for regulatory material publication	Status						
M		Revision of MASPS for AMS(R)S Data and Voice Communications Supporting Required Communications Performance (RCP) and Required Surveillance Performance (RSP) ED-242A	EUROCAE	WG-82	2019	On-going								coordinated activities (SC222)	B2-TBO	Final step
		Revision of MASPS for AMS(R)S Data and Voice Communications Supporting Required Communications Performance (RCP) and Required Surveillance Performance (RSP) ED-242B	EUROCAE	WG-82	2020	Planned								coordinated activities (SC222)	B2-TBO	
		Revision of MASPS for AMS(R)S Data and Voice Communications Supporting Required Communications Performance (RCP) and Required Surveillance Performance (RSP) ED-242C	EUROCAE	WG-82	2021	Planned								coordinated activities (SC222)	B2-TBO	New document
		MOPS for Avionics Supporting Next Generation Satellite Systems (NGSS) ED-243	EUROCAE	WG-82		Published								coordinated activities	B3-TBO	
		MOPS for Avionics Supporting Next Generation Satellite Systems (NGSS) ED-243A	EUROCAE	WG-82	2019	On-going								coordinated activities (SC222)	B3-TBO	Final step
M		MOPS for Avionics Supporting Next Generation Satellite Systems (NGSS) ED-243B	EUROCAE	WG-82	2020	Planned					STD-020			coordinated activities (SC222)	B3-TBO	

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		Standardisation activity	Standardisation organisation	WG/Panel	Target date for standard publication	Status	Regulatory activity	Regulatory organisation	Target date for regulatory material publication	Status						
A		MOPS for Avionics Supporting Next Generation Satellite Systems (NGSS) ED-243C	EUROCAE	WG-82	2021	Planned					STD-020			coordinated activities (SC222)	B3-TBO	New document
	VDL Mode 4	VHF air-ground Digital Link (VDL) Mode 4 radio equipment; Technical characteristics and methods of measurement for ground-based equipment; Part 5: Harmonized EN covering the essential requirements Directive 2014/53/EU EN 301 842-5 (V 2.1.1)	ETSI			Published										
	UHF	Ground-based UHF radio transmitters, receivers and transceivers for the UHF aeronautical mobile service using amplitude modulation; Part 1: Technical characteristics and methods of measurement EN 302 617-1 (V 2.2.1)	ETSI			Published										
		Ground-based UHF radio transmitters, receivers and transceivers for the UHF aeronautical mobile service using amplitude modulation; Part 2: Harmonized EN covering the essential requirements Directive 2014/53/EU EN 302 617-2 (V 2.2.1)	ETSI			Published										

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		Standardisation activity	Standardisation organisation	WG/Panel	Target date for standard publication	Status	Regulatory activity	Regulatory organisation	Target date for regulatory material publication	Status						
		Ground-based UHF radio transmitters, receivers and transceivers for the UHF aeronautical mobile service using amplitude modulation; Part 2: Harmonized EN covering the essential requirements Directive 2014/53/EU EN 302 617 (V 2.3.1)	ETSI		2018	Ongoing										
VHF	Ground-based VHF hand-held, mobile and fixed radio transmitters, receivers and transceivers for the VHF aeronautical mobile service using amplitude modulation; Part 1: Technical characteristics and methods of measurement EN 300 676-1 (V 1.5.2)	ETSI				Published										
	Ground-based VHF hand-held, mobile and fixed radio transmitters, receivers and transceivers for the VHF aeronautical mobile service using amplitude modulation; Part 2: Harmonized EN covering essential requirements of article 3.2 Directive 2014/53/EU EN 300 676-2 (V 2.1.1)	ETSI				Published										

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		Standardisation activity	Standardisation organisation	WG/Panel	Target date for standard publication	Status	Regulatory activity	Regulatory organisation	Target date for regulatory material publication	Status						
	VHF/UHF	Part 22: Specific conditions for ground based VHF aeronautical mobile and fixed radio equipment; Harmonised Standard covering the essential requirements of article 3.1(b) of the Directive 2014/53/EU EN 301 489-22 (V 2.1.1)	ETSI		2019	Planned										Will cover UHF/VHF voice, VDL Mode 4 and VDL Mode 2
1	Air/air data-link services															
1	Air to air	AIR AIR point to point Data-Link Services	EUROCAE		2025	Planned										Long term activity at EUROCAE
Ground/ground data-link services																
M	AMHS						CS Revision of EUROCONTROL Specification on the Air Traffic Services Message Handling System (AMHS) Eurocontrol-SPEC-136 Edition 1.2	EUROCONTROL		Published						Published
VoIP	Voice over IP Ground/Ground Communication ED-137-1/C Vol 1 (Radio)	EUROCAE	WG-67	2017	Published						AF3	3.1.4				
	Voice over IP Ground/Ground Communication ED-137-2/C Vol 2 (Telephone)	EUROCAE	WG-67	2018	Ongoing						AF3	3.1.4				
	"Interoperability Standard for VOIP ATM Components – Addendum 1 To Volume 2: MFC R2 and ATS/QSIG Telephone Interworking" ED-137 Volume 2 Addendum 1	EUROCAE	WG-67	2018	Ongoing						AF3	3.1.4				

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		Standardisation activity	Standardisation organisation	WG/Panel	Target date for standard publication	Status	Regulatory activity	Regulatory organisation	Target date for regulatory material publication	Status						
		"Interoperability Standard for VOIP ATM Components – Addendum2 To Volume 2: FAA Legacy Telephone Interworking" ED-137 Volume2 Addendum 2	EUROCAE	WG-67	2018	Ongoing						AF3	3.1.4			
		"Interoperability Standard for VOIP ATM Components – Addendum3 To Volume 2: Instantaneous Access Call" ED-137 Volume2 Addendum 3	EUROCAE	WG-67	2018	Ongoing						AF3	3.1.4			
		"Interoperability Standard for VOIP ATM Components – Addendum 4 To Volume 2: Override Call" ED-137 Volume2 Addendum 4	EUROCAE	WG-67	2018	Ongoing						AF3	3.1.4			
		"Interoperability Standard for VOIP ATM Components – Addendum 5 To Volume 2: Voice Call" ED-137 Volume2 Addendum 5	EUROCAE	WG-67	2018	Ongoing						AF3	3.1.4			
		"Interoperability Standard for VOIP ATM Components – Addendum 6 To Volume 2: Extended Call Forward" ED-137 Volume2 Addendum 6	EUROCAE	WG-67	2018	Ongoing						AF3	3.1.4			
		"Interoperability Standard for VOIP ATM Components – Addendum 7 To Volume 2: Extended Position Monitor" ED-137 Volume2 Addendum 7	EUROCAE	WG-67	2018	Ongoing						AF3	3.1.4			
		"Interoperability Standard for VOIP ATM Components – Addendum 8 To Volume 2: Radio Intercom Call" ED-137 Volume2 Addendum 8	EUROCAE	WG-67	2018	Ongoing						AF3	3.1.4			

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		Standardisation activity	Standardisation organisation	WG/Panel	Target date for standard publication	Status	Regulatory activity	Regulatory organisation	Target date for regulatory material publication	Status						
1	Drones	"Interoperability Standard for VOIP ATM Components – Addendum 9 To Volume 2: Hotline Access Call" ED-137 Volume2 Addendum 9	EUROCAE	WG-67	2018	Ongoing						AF3	3.1.4			
		"Interoperability Standard for VOIP ATM Components – Addendum 10 To Volume 2: Call/Answer Access Call" ED-137 Volume2 Addendum 10	EUROCAE	WG-67	2018	Ongoing						AF3	3.1.4			
		Voice over IP Ground/Ground Communication European Legacy Telephone Interworking ED-137-3/C Vol 3	EUROCAE	WG-67	2018	Ongoing						AF3	3.1.4			
		Voice over IP Ground/Ground Communication Recording ED-137-4/C Vol 4	EUROCAE	WG-67	2018	Ongoing						AF3	3.1.4			
		Voice over IP Ground/Ground Communication Supervision ED-137-5/C	EUROCAE	WG-67	2018	Ongoing						AF3	3.1.4			
		Drones														
1	ACAS for drones	MOPS for ACAS-Xu ED-XX	EUROCAE	WG-75	2020	Planned									B3-ACAS	
1	Other domains															
M	Performances	EUROCONTROL Specification for Operational ANS Performance Monitoring Airport Operator Dataflow	EUROCONTROL			Published										Published
		EUROCONTROL Specification for Operational ANS Performance Monitoring Airport Operator Dataflow EUROCONTROL-SPEC-175 Edition 1.0	EUROCONTROL		Q2/2019	On going										Target date

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		Standardisation activity	Standardisation organisation	WG/Panel	Target date for standard publication	Status	Regulatory activity	Regulatory organisation	Target date for regulatory material publication	Status						
M	Environment	Eurocontrol Specification for Collaborative Environmental Management - EUROCONTROL-SPEC156 Edition 1.1	Eurocontrol			Published										Name change with correct edition