



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 and are primarily focused on ICAO SARPs in support of solutions based on the European ATM Master Plan. Its contents should be used for information purposes only.

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Change A=added D=deleted M=modified	Domains	Standardisation					Regulation				Master Plan reference	CPs 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															
	RNP Based operations	DOC 9613 Ed 5	ICAO	PBN Study Group	end 2020	Ongoing						AF1	1.2.1 1.2.2 1.2.3 1.2.4 1.2.5			
A		MASPS for Required Navigation Performance for Area Navigation ED-75E	EUROCAE	WG-85	2022	Started								Coordinated with RTCA		New item
							EASA regulatory material on PBN incorporating Doc 9613 EASA RMT 0519	EASA	2019	Ongoing		AF1	1.2.4 1.2.5			
1	Navigation technical enablers															
	GNSS	SARPS GPS L5	ICAO	NSP	2022	Ongoing										
		SARPS Galileo	ICAO	NSP	2022	Ongoing										
		SARPS DFMC SBAS	ICAO	NSP	2022	Ongoing										
		SARPS DFMC HRAIM	ICAO	NSP	2022	Ongoing										
		SARPS DFMC GBAS	ICAO	NSP	tdb	Ongoing										
		Minimum Operational Performance Standard for Galileo / Global Positioning System / Satellite-Based Augmentation System Airborne Equipment ED-259 A	EUROCAE	WG-62	Q4/2020	ongoing					STD-023			Joint document	B2-APTA	

						Implementation of the regulatory needs of the SESAR common projects RMT.0682	EASA	TBC	Planned							
M	GBAS CAT III	SARPS DFMC GBAS	ICAO	NSP	2021	Ongoing										
		GBAS Cat II/III multiconstellation/ multifrequency / System level, Ground station, airborne equipment ED-XXX	EUROCAE	WG-28	2020	Planned					STD-026				B2-APTA	
		MOPS For Global Navigation Satellite Ground Based Augmentation System Ground Equipment To Support Precision Approach and Landing ED-114B	EUROCAE	WG-28		Published					BTNAV-STD-09				B2-APTA	Published in 2019
		MOPS For Global Navigation Satellite Ground Based Augmentation System Ground Equipment To Support Precision Approach and Landing ED-114B Change 1	EUROCAE	WG-28	Dec 2021	Ongoing					BTNAV-STD-09				B2-APTA	New item
M	GNSS Contingency	MPS for Distance Measuring Equipment (DME/N and DME/P) (ground equipment) ED-57A	EUROCAE	WG-107	Dec 2022	Ongoing									Delay	
		MASPS for RNP reversion using DME/DME positioning ED-XXX	EUROCAE	WG-107	Dec 2022	Ongoing									Delay	
M	EVS/SVS	MASPS for SVS SVGS CVS ED-XX	EUROCAE	WG-79	Q3/2020	On going							Joint activities with SC-213	B0-APTA		
		MASPS for EVS CVS EFVS ED-XX	EUROCAE	WG-79	Q3/2020	On going							Joint activities with SC-213	B0-APTA		
		MASPS for a Combined Vision System for Helicopter Operations for Low Visibility Operational Credit ED-XX	EUROCAE	WG-79	Q3/2020	On going								B0-APTA		
1	Airport system															

	DMAN & A-CDM					Implementation of the regulatory needs of the SESAR common projects RMT.0682	EASA	TBC	TBD						
	MASPS for Airport CDM Systems ED-141A	EUROCAE	WG-111	Q4/2020	On going										
	Airport CDM Interface Specification ED-145A	EUROCAE	WG-111	Q4/2020	On going										
	Guidelines for Test and Validation Related to Airport CDM Interoperability ED-146A	EUROCAE	WG-111	Q4/2020	On going										
	Airport CDM SWIM Service Performance Specification ED-XX	EUROCAE	WG-111	Q4/2021	On going										
						Airport Collaborative Decision Making (A-CDM); Community Specification	ETSI	TBD	Planned		AF2	2.1.1 2.1.3 2.1.4			Dependent upon EUROCAE A-CDM activity
M	Runway system	MASPS for Runway Weather Information ED-XX	EUROCAE	WG-109	May 2021	On going									Delay
M	A-SMGCS	EUROCONTROL Specification for Surface Advanced-Surface Movement Guidance and Control System (A-SMGCS) EUROCONTROL-SPEC-171 Edition 2.0	EUROCONTROL			Published					AF2	2.2.1 2.4.1 2.5.1			Published
		MASPS for Advanced Surface Movement Guidance and Control Systems (A-SMGCS) ED-87E	EUROCAE	WG-41	Q4/2021	Ongoing				ASMGCS-STD-01	AF2	2.4.1 2.5.1 2.5.2		B2-SURF	
		Interop Document on Surveillance, Routing, Safety Support ED-XXX	EUROCAE	WG-41	Q2/2021	Ongoing				ASMGCS-STD-01	AF2	2.2.1 2.4.1		B2-SURF	

	Interop Document on Guidance Service data exchange ED-ZZZ	EUROCAE	WG-42	Q2/2022	Ongoing					ASMGCS-STD-01	AF2	2.2.1 2.4.1		B2-SURF	
	Guidelines for Surveillance Data Fusion for A-SMGCS Levels 1&2 ED-128A	EUROCAE	WG-41	Q3/2021	On hold					ASMGCS-STD-01	AF2	2.2.1		B0-SURF	
M						CS on ASMGCS Part 1: surveillance service including external interfaces EN 303 213-1 (V 2.1.1)	ETSI		Published		AF2	2.4.1 2.5.1 2.5.2			Published by ETSI but waiting for EJO listing by EC
M						CS on ASMGCS Part 2: airport safety support service EN 303 213-2 (V 2.1.1)	ETSI		Published		AF2	2.4.1 2.5.1 2.5.2			Published by ETSI but waiting for EJO listing by EC
M						CS on ASMGCS Part 3: deployed cooperative sensor including its interfaces EN 303 213-3 (V 2.1.1)	ETSI		Published		AF2	2.4.1 2.5.1 2.5.2			Published by ETSI but waiting for EJO listing by EC
M						CS on ASMGCS to comply with ED-87D EN 303 213-7 (V 1.1.1)	ETSI		Published		AF2	2.4.1 2.5.1 2.5.2			Published by ETSI but waiting for EJO listing by EC
						CS on ASMGCS Part 8: A-SMGCS routing service EN 303 213-8 (V 1.1.1)	ETSI	2021	On going		AF2	2.4.1 2.5.1 2.5.2			
M	Advanced Surface Movement Guidance and Control System (A-SMGCS); Part 5: Harmonised Standard for access to the radio spectrum for Multilateration (MLAT) equipment; Sub-part 1: Receivers and Interrogators EN 303 213-5-1 (V 1.1.1)	ETSI			Published						AF2	2.2.1			Published

A	Advanced Surface Movement Guidance and Control System (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		2021	Ongoing											New item
	Advanced Surface Movement Guidance and Control System (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		2021	Ongoing											New item
	Advanced Surface Movement Guidance and Control System (A-SMGCS); Part 5: Harmonised Standard for access to the radio spectrum for Multilateration (MLAT) equipment; Sub-part 2: Reference and vehicle transmitters EN 303 213-5-2 (V 1.1.1)	ETSI		2021	ongoing						AF2	2.2.1				Delay due to necessary alignment with Sub part 1
M	Queue management & approach sequencing															
	TBS for final approach	EUROCONTROL Guidelines for TBS EUROCONTROL-GUID-XXX Edition 1.0	EUROCONTROL		Q4/2020	On going						STD-065	AF2	2.3.1		

							TBD	EASA	TBD	Not planned						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. No decision regarding this activity	
1	En Route ATM functions																
	Free route						CS on free route	CEN	2018	Not planned							
							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	Surveillance applications																
M	ACAS	MASPS for the Interoperability of Airborne Collision Avoidance Systems ED-XX	EUROCAE	WG-75	Sep 2020	Ongoing									SC-147	B1-ACAS	Delay
D		MASPS on AFGS/ACAS coupling ED-224A	EUROCAE	WG-75	2018	Ongoing									SC-147	B1-ACAS	No more necessary to be deleted
M	Ground applications	Generic SPR for surveillance service ED-261 Vol 1	EUROCAE	WG-102	Q4/2020	Ongoing							STD-027			B1-ASUR	Delay
M		Generic SPR for surveillance service ED-261 Vol 2	EUROCAE	WG-102	Q4/2020	Ongoing											Delay
M		Generic SPR for surveillance service ED-261 Vol 3	EUROCAE	WG-102	Q4/2020	Ongoing											Delay
							Revision of SPI (Surveillance Performance and Interoperability) RMT 0679	EC	2019	Ongoing							EASA activity completed SPI revision under EC responsibility
M	Airborne applications	Minimum Operational Performance Standards (MOPS) for FIM ED-236A	EUROCAE	WG-51		Published								Joint activity with RTCA SC-186	B0-ASUR	Published	
M		Minimum Operational Performance Standards (MOPS) for FIM ED-236A Change 1	EUROCAE	WG-51	Feb 2021	Ongoing											Delay

		MOPS for 1090 MHz Extended Squitter ADS-B and TIS-B ED-102B	EUROCAE	WG-51	Q1/2021	Ongoing									Joint activity with RTCA SC-186		
M		Minimum Operational Performance Standards (MOPS) for Aircraft Surveillance Applications (ASA) System ED-194B	EUROCAE	WG-51		Published									Joint activity with RTCA SC-186		Published
1	Surveillance technical enablers																
	ADS-B	Technical Specification for an ADS-B Ground System ED-129C	EUROCAE	WG-51	Q2/2021	On going											
M	Mode S	EUROCONTROL Specification for European Modes S Station (EMS) EUROCONTROL-SPEC-XXX Edition 4.0	EUROCONTROL		Q1/2021	On going											Delay
M		EUROCONTROL Specification for the Mode S IC Allocation Coordination and IC Conflict Management (MICA) EUROCONTROL-SPEC-153 Edition 1.1	EUROCONTROL		Q1/2021	Planned											Delay
	Mode S transponder	MOPS Mode S transponder ED-73F	EUROCAE	WG-49	Q1/2021	Ongoing									joint activity with RTCA SC-209	B0-ASUR	
		MOPS Mode S GA transponder ED-115A	EUROCAE	WG-49	Q2/2022	Ongoing										B0-ASUR	
M	WAM/ADS-B composite	TS for WAM Ground System with Composite Surveillance Functionality ED-142A	EUROCAE	WG-51	Mar-21	Ongoing										B1-ASUR	Delay
M		Wide Area Multilateration (WAM) systems Harmonised Standard for access to radio spectrum EN 303 489 (V 1.1.1)	ETSI		2022	Ongoing											Delay
M	MSPSR	TS for INCS system	EUROCAE	WG-103	Q4/2020	Ongoing										B1-ASUR	Delay

M	SSR	Air Traffic Control Surveillance Radar Sensors; Secondary Surveillance Radar (SSR); Harmonised Standard for access to radio spectrum; Part 1: SSR interrogator EN 303 363-1 (V 1.1.1)	ETSI		2021	ongoing													Delay
		Air Traffic Control Surveillance Radar Sensors; Secondary Surveillance Radar (SSR); Harmonised Standard for access to radio spectrum; Part 2: SSR Far Field Monitor (FFM) with Mode S capabilities EN 303 363-2 (V 1.1.1)	ETSI		2021	ongoing													Delay
	PSR in L Band	Primary Surveillance Radar (PSR); Part 1: Harmonized Standard for access to radi spectrum 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		2021	ongoing													Delay
	PSR in S band	Primary Surveillance Radar (PSR); Part 2: Harmonized Standard for access to radio spectrum 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		2021	ongoing													Delay

M	PSR in X band	Primary Surveillance Radar (PSR); Part 3: Harmonized Standard for access to radio spectrum 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			Published										Published
		ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 54: Specific conditions for ground based aeronautical and meteorological radars; Harmonised Standard for electromagnetic compatibility	ETSI		2021	ongoing										Delay
M	Asterix	EUROCONTROL Specification for All Purpose Structured EUROCONTROL Surveillance Information Exchange (ASTERIX) EUROCONTROL-SPEC-149 Edition 2.5	EUROCONTROL		Q4/2020	Ongoing										Delay
A	ESASSP	EUROCONTROL Specification for ATM Surveillance System Performance (ESASSP) EUROCONTROL-SPEC-147 Edition 1.2	EUROCONTROL		Q4/2020	Ongoing										New item To be used as an interim version
M		EUROCONTROL Specification for ATM Surveillance System Performance (ESASSP) EUROCONTROL-SPEC-147 Edition 2.0	EUROCONTROL		Q3/2021	Ongoing										Strong link and dependency with the activity of EUROCAE WG-102 Delay
1	Network services															

	ADEXP					TBD	EASA	TBC	Not planned						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
M		EUROCONTROL Specification for ATS Data Exchange Presentation (ADEXP) EUROCONTROL SPEC-107 Edition 3.3	EUROCONTROL	Q2/2020	published						AF1 AF3 AF4	1.1.2 3.2.1 4.2.3			SDM Family update published 14 July 2020
M						EUROCONTROL Specification for ATS Data Exchange Presentation (ADEXP) EUROCONTROL SPEC-0107 Edition 3.3	EUROCONTROL	Q2 2021	Planned		AF1 AF3 AF4	1.1.2 3.2.1 4.2.3			SDM Family update Edition 3.3 to be submitted when available to EC for introduction in the EJO
1	SWIM														
	SWIM	Supporting material for SWIM foundational specifications	EUROCONTROL	Q3/2020	On going						AF5	5.1.3 5.1.4 5.3.1 5.4.1 5.5.1 5.6.1 5.6.2			
		SWIM Technical Infrastructure - Blue Profile	EUROCONTROL	TBD	Not Planned					SWIM-STD- 04	AF5	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
		Technical Standard on SWIM Information Service Specification Template and Methodology ED-XX	EUROCAE	WG-104	Q4/2020	Ongoing									
		SARPS on Information Management (PANS-IM)	ICAO	IMP	Ongoing										Applicability 2022
1	AIS services														

M	Aeronautical information exchange	EUROCONTROL Specification for the electronic Aeronautical Information Publication (eAIP) EUROCONTROL-SPEC-146 Edition XX	EUROCONTROL		Q4/2020	Ongoing												Delay	
		EUROCONTROL Specification for the Origination of Aeronautical Data Vol 2 EUROCONTROL-SPEC-154 Edition XX	EUROCONTROL		Q4/2020	Ongoing													Delay
EUROCONTROL Terrain and Obstacle Data Manual (TOD) EUROCONTROL-GUID-158 Edition 2.2		EUROCONTROL		Q1/2021	Ongoing														
EUROCONTROL Terrain and Obstacle Data Manual (TOD) EUROCONTROL-GUID-158 Edition 2.3		EUROCONTROL		Q1/2021	Planned														
EUROCONTROL Specification for AIP Data Set Coding using AIXM 5.1.1		EUROCONTROL		Q4/2020	Ongoing														
EUROCONTROL Specification for Obstacle Data Set Coding using AIXM 5.1.1		EUROCONTROL		Q4/2020	Ongoing														
EUROCONTROL Specification for Digital NOTAM Data Set Coding using AIXM 5.1.1		EUROCONTROL		Q1/2021	Ongoing														Delay
EUROCONTROL Specification for Instrument Flight Procedures Design Data Set Coding using AIXM 5.1.1		EUROCONTROL		Q1/2021	Ongoing														Delay
AIXM Edition 5.2		EUROCONTROL		Q3/2020	On going								AF2 AF3 AF5	2.1.3 2.1.4 3.1.1 3.1.2 3.1.3 5.3.1					
EUROCONTROL Specification for AIP Data Set Coding using AIXM 5.2		EUROCONTROL		TBD	Planned														

		EUROCONTROL Specification for Obstacle Data Set Coding using AIXM 5.2	EUROCONTROL		TBD	Planned											
		EUROCONTROL Specification for Digital NOTAM Data Set Coding using AIXM 5.2	EUROCONTROL		TBD	Planned											
		EUROCONTROL Specification for Instrument Flight Procedures Design Data Set Coding using AIXM 5.2	EUROCONTROL		TBD	Planned											
							Community specification on AMDB	CEN	2019	Not Planned							
		SARPS on AIRM	ICAO	IMP	2018	Ongoing						AF5	5.1.3 5.3.1 5.4.1 5.5.1 5.6.1 5.6.2				
M	Data-link services	MASPS AIS Datalink Applications ED-XXX	EUROCAE	WG-76	Jun-22	Ongoing								coordinated activities	B2-DAIM	Delay	
1	Meteo system & services																
	SWIM	MET SWIM Service	EUROCAE	TBD	2020	Planned						AF5	5.4.1			B2-AMET	
M	Data-link services	MASPS MET Datalink Applications ED-XXX	EUROCAE	WG-76	Jun-22	Ongoing					AGDLS-STD-08			coordinated activities	B2-AMET	Delay	
D	Meteorological Infrastructure	MET sensors	EUROCAE	TBD	2020	Planned									B2-AMET	No activity to be deleted	
M	Radar enabler	Meteorological Radars; Harmonised Standard for access to radio spectrum; Part 1: S band Meteorological Radar Sensor operating in the frequency band 2 700 MHz to 2 900 MHz EN 303 347-1 (V 1.1.1)	ETSI			Published										Published	

M		Meteorological Radars; Harmonised Standard for access to radio spectrum; Part 3: X band Meteorological Radar Sensor operating in the frequency band 9 300 MHz to 9 500 MHz EN 303 347-3 (V 1.1.1)	ETSI			Published									Published
M		eteorological Radars Harmonised Standard for access to radio spectrum; Part 2: C band Meteorological Radar Sensor operating in the frequency band 5 250 MHz to 5 850 MHz EN 303 347-2 (V 1.1.1)	ETSI			Published									Published
1	Flight data exchanges														
M	IFPL	EUROCONTROL Specification for the Initial Flight Plan (IFPL) EUROCONTROL-SPEC-0101 Edition 1.4	EUROCONTROL		Q3/2020	Ongoing						AF4 AF5	4.2.3 5.6.1		SDM Family update
M							EUROCONTROL Specification for the Initial Flight Plan (IFPL) EUROCONTROL-SPEC-0101 Edition 1.4	EUROCONTROL	Q3/2021	Planned		AF4 AF5	4.2.3 5.6.1		SDM Family update Edition 1.4 to be submitted when available to EC for introduction in the EJO
M	OLDI	EUROCONTROL Specification for On-Line Data Interchange (OLDI) EUROCONTROL-SPEC-106 Edition 5.0	EUROCONTROL		Q2/2020	published						AF1 AF3 AF6	1.1.2 3.2.1 6.1.1		SDM Family update Published 14 July 2020
M							EUROCONTROL Specification for On-Line Data Interchange (OLDI) EUROCONTROL-SPEC-106 Edition 5.0	EUROCONTROL	Q2/2021	Planned		AF1 AF3 AF6	1.1.2 3.2.1 6.1.1		SDM Family update Edition 5.0 to be submitted when available to EC for introduction in the EJO
	Flight object	Flight object exchange ED-133A	EUROCAE	WG-59	Q2/2021	Ongoing					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			
1	Security														
D		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		To be deleted and replace by a link from Security domain to ECSCG RDP
D	AISS	Aeronautical Information System Security (AISS) Framework Guidance ED-201A	EUROCAE	WG-72	Q4/2020	Ongoing					STD-056 STD-055	AF 5	5.1.4 5.2.3	Joint activity SC-216	To be deleted and replace by a link from Security domain to ECSCG RDP
D		Aeronautical Information System Security (AISS) Framework Guidance ED-204A	EUROCAE	WG-72	Q4/2020	Ongoing						AF 5	5.1.4 5.2.3	Joint activity SC-216	To be deleted and replace by a link from Security domain to ECSCG RDP
D		Guidance on Security Event Management ED-XX	EUROCAE	WG-72	Q4/2020	Ongoing								Joint activity SC-216	To be deleted and replace by a link from Security domain to ECSCG RDP
1	ATM ground system														
M	Architecture	Technical System Architecture Interfaces	EUROCAE	TBD		Not planned									Activity not yet planned Link with the AAS programme
	Remote tower	MASPS for Remote Tower optical systems ED-240B	EUROCAE	WG-100	2020	Ongoing								B1-RATS	
							Technical requirements for Remote TWR Operations RMT.0624	EASA	2019	Ongoing					
M	Interface	CWP / FDP Interface	EUROCAE	TBD		Not planned									Activity not yet planned Link with the AAS programme
1	Air/ground data-link services														
M	ATN B1 & ATS B2						Data Link Services (DLS) System; Community Specification ; Requirements for ground constituents and system testing Revision EN 303 214 (V 1.3.1)	ETSI	2021	Ongoing		AF6	6.1.1		Delay

						Draft Opinion in accordance with Article 15 (Direct publication) of MB Decision No 18-2015 Amendment of Commission Regulation (EC) No 29/2009 of 16 January 2009 laying down requirements on data link services for the single European sky: Update of references — data link services RMT.0524	EASA	Q4/2019	Ongoing							To be approved by EC
						Data Link Services RMT.0524	EASA	2020	Ongoing		AF6	6.1.1 6.1.4				
1	Air/ground communication technical enablers															
	ATN/IPS	Technical Standard of Aviation Profiles for ATN-IPS ED-262A	EUROCAE	WG-108	Q3/2021	Ongoing										
		Guidance on ATN/IPS end to end interoperability and certification ED-XX	EUROCAE	WG-108	Q2/2021	Ongoing							coordinated activities	B0-TBO		
M	VDL Mode 2	VDL 2 Airborne MOPS ED-92D	EUROCAE	WG-92		On hold							Joint activity with RTCA SC 214	B0-TBO		Activity put on hold
M		Guidance on Air to Ground VDL Mode 2 Interoperability ED-276	EUROCAE	WG-92	Q3/2020	Ongoing					AF6	6.1.3 6.1.4 6.1.5	Joint activity with RTCA SC 214	B0-TBO		Title change Document number introduced
M		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		2021	Ongoing					AF6	6.1.3				Delay
M		VHF air-ground Digital Link (VDL) Mode 2, Part 3: Harmonized standard for access to radio spectrum EN 301 841-3 (V 2.2.1)	ETSI		2021	Ongoing					AF6	6.1.3				Delay

	AeroMacs	Airport Surface Data Link (AeroMACS) Harmonised Standard for access to radio spectrum EN 303 623 (V 1.1.1)	ETSI		2021	Ongoing										STD-018								
	LDACS	L Band Air Ground Communication System	EUROCAE	WG-82	2025	Planned										STD-036						B3-TBO	Long terms activity at EUROCAE	
M	SATCOM	MASPS for AMS(R)S Data and Voice Communications Supporting Required Communications Performance (RCP) and Required Surveillance Performance (RSP) ED-242B	EUROCAE	WG-82		Published																coordinated activities (SC222)	B2-TBO	Published
		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
	M	MOPS for Avionics Supporting Next Generation Satellite Systems (NGSS) ED-243B	EUROCAE	WG-82		Published										STD-020						coordinated activities (SC222)	B3-TBO	Published
		MOPS for Avionics Supporting Next Generation Satellite Systems (NGSS) ED-243C	EUROCAE	WG-82	2021	Planned										STD-020							coordinated activities (SC222)	B3-TBO

Domains	Standardisation		Regulation		Master Plan reference	CPs AF	SDM reference Deployment Plan Families	Link to ICAO ASBU
	Standardisation activity	Standardisation organisation	Regulatory activity	Regulatory organisation				
Navigation applications								
Airborne capability	MASPS: Required Navigation Performance for Area Navigation ED-75D	EUROCAE				AF1 AF6	1.2.4 6.1.2 6.1.5	B0-TBO
Enhanced Terminal Airspace using RNP-Based Operations	Doc 9613 Ed 4	ICAO			STD-001	AF1	1.2.1 1.2.2 1.2.3 1.2.4 1.2.5	
			COMMISSION IMPLEMENTING REGULATION (EU) 2018/1048 of 18 July 2018 laying down airspace usage requirements and operating procedures concerning performance-based navigation	EC		AF1	1.2.1 1.2.3 1.2.4 1.2.5	
Navigation technical enablers								
GNSS	Minimum Operational Performance Standard for Galileo / Global Positioning System / Satellite-Based Augmentation System Airborne Equipment ED-259	EUROCAE			STD-023			B2-APTA
GBAS	GBAS Cat 1 ED-114A	EUROCAE						B0-APTA
	ED-114A Change 1	EUROCAE						B0-APTA
	ED-114B	EUROCAE						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						

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EVS/SVS	MASPS for a Combined Vision Guidance System for Rotorcraft Operations ED-255	EUROCAE						BO-SURF
	Safety Performance and Interoperability Requirements Document Defining Takeoff Minima by Use of Enhanced Flight Vision Systems ED-257	EUROCAE			BTNAV-0504			BO-APTA
	MASPS for Aircraft state awareness Synthetic Vision System ED-249	EUROCAE						BO-APTA
Airport system								
DMAN & A-CDM			Airport Collaborative Decision Making (A-CDM); Community Specification EN 303 212 (V 1.1.1)	ETSI		AF2	2.1.1 2.1.3 2.1.4	
A-SMGCS	EUROCONTROL Specification for Surface Advanced-Surface Movement Guidance and Control System (A-SMGCS) EUROCONTROL-SPEC-171 Edition 1.0	EUROCONTROL			STD-060	AF2	2.2.1 2.4.1 2.5.1	
	MASPS for Advanced Surface Movement Guidance and Control Systems (A-SMGCS) ED-87C	EUROCAE			STD-010	AF2	2.2.1	B2-SURF
			A-SMGCS CS to comply with ED 87C as a prerequisite for the PCP EN 303 213-1 (V 1.4.1)	ETSI		AF2	2.2.1 2.4.1 2.5.1	
			CS on ASMGCS Part 1: surveillance service including external interfaces EN 303 213-1 (V 2.1.1)	ETSI		AF2	2.2.1 2.4.1 2.5.1	

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		A-SMGCS CS to comply with ED 87C as a prerequisite for the PCP EN 303 213-2 (V 1.4.1)	ETSI		AF2	2.2.1 2.4.1 2.5.1	
		CS on ASMGCS Part 2: airport safety support service EN 303 213-2 (V 2.1.1)	ETSI		AF2	2.2.1 2.4.1 2.5.1	
		CS on ASMGCS Part 3: Community Specification for a deployed cooperative sensor including its interfaces EN 303 213-3 (V 1.1.1)					
		CS on ASMGCS Part 3: deployed cooperative sensor including its interfaces EN 303 213-3 (V 2.1.1)	ETSI		AF2	2.2.1 2.4.1 2.5.1	
		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		AF2	2.2.1	
		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 EN 303 213-4-2 (V 1.1.1)	ETSI		AF2	2.2.1	

M			CS on ASMGCS to comply with ED-87D EN 303 213-7 (V 1.1.1)	ETSI		AF2	2.2.1 2.4.1 2.5.1	
	MASPS for Advanced Surface Movement Guidance and Control Systems (A-SMGCS) ED-87D	EUROCAE				AF2	2.4.1 2.5.1 2.5.2	B2-SURF
	MOPS for MLAT ED-117A	EUROCAE				AF2	2.2.1	B2-SURF
M			Implementation of SESAR Runway safety solutions MST.029	EASA				
	Advanced Surface Movement Guidance and Control System (A-SMGCS); Part 5: Harmonised Standard for access to the radio spectrum for Multilateration (MLAT) equipment; Sub-part 1: Receivers and Interrogators EN 303 213-5-1 (V 1.1.1)	ETSI						
	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				AF2	2.2.1	
Queue management & approach sequencing								
TBS	EUROCONTROL Specification for Time-Based Separation support tool for Final Approach (TBS) EUROCONTROL-SPEC-167 Ed1.0 Edition 1.0	EUROCONTROL			STD-065	AF2	2.3.1	

AMAN SWIM services	MASPS covering the Extended horizon AMAN upstream coordination service ED-254	EUROCAE				AF1	1.1.2	B1-RSEQ
En Route ATM functions								
Free route	EUROCONTROL Extended MTCO Specification EUROCONTROL-SPEC-139 Edition 2.0	EUROCONTROL			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				AF3	3.1.1 3.1.2 3.1.3	
	EUROCONTROL STCA Guidelines EUROCONTROL-GUID-159	EUROCONTROL				AF3	3.2.1	
	EUROCONTROL Monitoring Aids (MONA) Specification EUROCONTROL-SPEC-142	EUROCONTROL			STD-062	AF3	3.2.1	
	EUROCONTROL Trajectory Prediction Specification EUROCONTROL-SPEC-143	EUROCONTROL			STD-063	AF3	3.1.1 3.1.2 3.1.3 3.2.1	
	EUROCONTROL Area Proximity Warning (APW) Guidelines EUROCONTROL-GUID-161	EUROCONTROL			STD-064	AF3	3.2.1	
	EUROCONTROL MSAW Guidelines EUROCONTROL-GUID-160	EUROCONTROL				AF3	3.2.1	
	EUROCONTROL APM Guidelines EUROCONTROL-GUID-162	EUROCONTROL						

	EUROCONTROL Guidelines for Supporting the Implementation of Commission Regulation (EU) 73/2010 (ADQ) EUROCONTROL-GUID-163	EUROCONTROL				AF1 AF5	1.2.2 5.3.1	
	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 1.0	EUROCONTROL				AF3	3.1.1 3.1.2 3.1.3	
Surveillance applications								
ACAS	MOPS for TCAS II hybrid surveillance ED-221A	EUROCAE						B2-ACAS
	MOPS for ACAS Xa with ACAS Xo functionality ED-256	EUROCAE						B2-ACAS
	MOPS for ACAS X ED-256 Change 1	EUROCAE			ASAS-STD-01			B0-ASUR
Airborne applications	SPR & INTEROP ASPA-FIM ED-195A				ASAS-STD-01			B0-ASUR
	MOPS FIM ED-236	EUROCAE			ASAS-STD-01			B0-ASUR
	MOPS for FIM ED-236A	EUROCAE						
	MOPS for Aircraft Surveillance Applications (ASA) System ED-194B	EUROCAE			ASAS-STD-01			B0-ASUR
Surveillance technical enablers								
ADS ground station	ADS-B ground station 1090MHz ED-129A	EUROCAE			STD-027			B0-ASUR
	ADS-B ground station 1090MHz ED-129B	EUROCAE			STD-027			B0-ASUR

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	Asterix	EUROCONTROL Specification for All Purpose Structured EUROCONTROL Surveillance Information Exchange (ASTERIX) EUROCONTROL-SPEC-149 Edition 2.4	EUROCONTROL						
		STANAG 5535 Edition 1 Air Surveillance and Ground Based sensors information exchange ADaTP-35	EDA						
	Mode S IC	EUROCONTROL Specification for the Mode S IC Allocation Coordination and IC Conflict Management (MICA) EUROCONTROL-SPEC-153 Edition 1.0	EUROCONTROL						
M	PSR in X band	Primary Surveillance Radar (PSR); Part 3: Harmonized Standard for access to radio spectrum 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						
	ESASSP	EUROCONTROL Specification for ATM Surveillance System Performance (ESASSP) EUROCONTROL-SPEC-147 (Ed1.1)	EUROCONTROL						
Network services									
	ADEXP	CS ADEXP EUROCONTROL-SPEC-0107 Edition 3.1	EUROCONTROL				AF1 AF3 AF4	1.1.2 3.2.1 4.2.3	

	CS EUROCONTROL Specification for ATS Data Exchange Presentation (ADEXP) EUROCONTROL SPEC-0107 Edition 3.2	EUROCONTROL				AF1 AF3 AF4	1.1.2 3.2.1 4.2.3		
SWIM									
SWIM Common Components	AIM Model	EUROCONTROL			SWIM-STD-01	AF5	5.3.1 5.4.1 5.5.1 5.6.1	Available on http://aim.aero/	
	SWIM Service Description EUROCONTROL-SPEC-168 Edition 1.0	EUROCONTROL				AF5	5.1.3 5.1.4 5.3.1 5.4.1 5.5.1 5.6.1 5.6.2		
	SWIM Information Definition EUROCONTROL-SPEC-169 Edition 1.0	EUROCONTROL				AF5	5.1.3 5.3.1 5.4.1 5.5.1 5.6.1 5.6.2		
	SWIM Technical Infrastructure Yellow Profile EUROCONTROL-SPEC-170 Edition 1.0	EUROCONTROL				AF2 AF5	2.1.4 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		
M	AIS services								

	Aeronautical information exchange	AIXM Edition 5.1.1	EUROCONTROL				AF2 AF3 AF5	2.1.3 2.1.4 3.1.1 3.1.2 3.1.3 5.3.1	
		Exchange of Flight Information Publication (FLIP) Data STANAG 7005 Edition 9	EDA						
		EUROCONTROL Specification for Data Assurance Levels EUROCONTROL-SPEC-148 Ed1.1	EUROCONTROL						
		EUROCONTROL Specification for the electronic Aeronautical Information Publication (eAIP) EUROCONTROL-SPEC-146 Ed2.1	EUROCONTROL				AF5	5.3.1	
	Data-base	Standard for processing aeronautical data ED-76A	EUROCAE				AF1 AF5	1.2.1 1.2.2 1.2.3 1.2.4 1.2.5 5.3.1	B0-DAIM
		TS User Requirements for terrain & obstacle data ED-98C	EUROCAE						B0-DAIM
M		TS User Requirements for Mapping information ED-99D	EUROCAE				AF2 AF5	2.4.1 5.3.1	B0-DAIM
		TS User Requirements for navigation data ED-77A	EUROCAE						B1-DAIM
M		Terrain, obstacles and aerodrome maps AIS Data Exchange Standard ED-119C	EUROCAE			AIMS-STD-01 STD-032	AF2 AF5	5.3.1	B0-DAIM
MET Systems and Services									
M	Meteorological information exchange	Meteorological Radars; Harmonised Standard for access to radio spectrum	ETSI						
M		Meteorological Radars; Harmonised Standard for access to radio spectrum	ETSI						

M	eteorological Radars Harmonised Standard for	ETSI							
	iWXXM	ICAO				AF2 AF5	2.1.3 2.1.4 2.3.1 2.4.1 5.4.1	Applicable from 5 Nov 2020	
Flight data exchanges									
FIXM	FIXM v4	EUROCONTROL				AF5	5.6.1		
			CS (2019/C 31/06) OLDI EUROCONTROL- SPEC-0106 Ed4.3	EUROCONTROL		AF1 AF3 AF6	1.1.2 3.2.1 6.1.1		
Flight object	Flight object exchange ED-133	EUROCAE				AF5 AF6	5.6.2 6.1.2		
IFPL			Community Specification: EUROCONTROL Specification for the Initial Flight Plan (IFPL) EUROCONTROL-SPEC- 0101 Edition 1.3	EUROCONTROL		AF4 AF5	4.2.3 5.6.1		
Security									
D	Methodology	Airworthiness Security Methods and Considerations ED-203	EUROCAE						
		Airworthiness Security Methods and Considerations ED-203A	EUROCAE						
D	AISS	Aeronautical Information System Security (AISS) Framework Guidance ED-201	EUROCAE						
D									

D		Aeronautical Information System Security (AISS) Framework Guidance ED-205	EUROCAE				AF 5	5.1.4 5.2.3		
	ATM ground system									
	Remote tower	MASPS for Remote Tower optical systems ED-240								B1-RATS
		MASPS for Remote Tower								B1-RATS
	Air/ground data-link services									
	ATN B1	ATN B1 MASPS ED-120	EUROCAE					AF6	6.1.1 6.1.4	
		ATN B1 MASPS ED-120 Change 3	EUROCAE					AF6	6.1.1 6.1.4	
				Data Link Services (DLS) System; Community Specification ;	ETSI			AF6	6.1.1	
	ATN B2	ATN B2 standards ED-228A	EUROCAE			STD-004		AF6	6.1.2 6.1.5	B0-TBO
		ATN B2 standards ED-229A	EUROCAE			STD-004		AF6	6.1.2 6.1.5	B0-TBO
ATN B2 standards ED-230A		EUROCAE			STD-004		AF6	6.1.2 6.1.5	B0-TBO	
ATN B2 standards		EUROCAE			STD-004		AF6	6.1.2	B0-TBO	
Air/ground communication technical enablers										
ATN/IPS	Technical Standard of Aviation Profiles for ATN-IPS ED-262	EUROCAE								
VDL Mode 2	VDL 2 Airborne MOPS ED-92B	EUROCAE					AF6	6.1.3 6.1.4 6.1.5	B0-TBO	
	VDL 2 Airborne MOPS ED-92C	EUROCAE					AF6	6.1.3 6.1.4 6.1.5	B0-TBO	

	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				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 1.4.1)	ETSI				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 1.1.1)	ETSI				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				AF6	6.1.3	
AeroMacs	SARPS on AeroMacs	ICAO						
	MOPS airborne component ED-223	EUROCAE						
	MASPS AeroMacs ED-227	EUROCAE						
Satcom	MASPS for AMS(R)S Data and Voice Communications Supporting Required Communications Performance (RCP) and Required Surveillance Performance (RSP) ED-242	EUROCAE				AF 6	6.1.2 6.1.5	B2-TBO

		MASPS for AMS(R)S Data and Voice Communications Supporting Required Communications Performance (RCP) and Required Surveillance Performance (RSP) ED-242A	EUROCAE				AF 6	6.1.2 6.1.5	B2-TBO
M		MASPS for AMS(R)S Data and Voice Communications Supporting Required Communications Performance (RCP) and Required Surveillance Performance (RSP) ED-242B	EUROCAE				AF 6	6.1.2 6.1.5	B2-TBO
		MOPS for Avionics Supporting Next Generation Satellite Systems (NGSS) ED-243	EUROCAE				AF 6	6.1.2 6.1.5	B2-TBO
		MOPS for Avionics Supporting Next Generation Satellite Systems (NGSS) ED-243A	EUROCAE				AF 6	6.1.2 6.1.5	B2-TBO
M		MOPS for Avionics Supporting Next Generation Satellite Systems (NGSS) ED-243B	EUROCAE				AF 6	6.1.2 6.1.5	B2-TBO
	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						
	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						
	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						
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						

	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						
Ground/ground data-link services								
AMHS			CS Revision of EUROCONTROL Specification on the Air Traffic Services Message Handling System (AMHS) EUROCONTROL-SPEC-136 Edition 1.2	EUROCONTROL				
VoIP	Voice over IP Ground/Ground Communication ED-137-1/C Vol 1 (Radio)	EUROCAE				AF3	3.1.4	
	Voice over IP Ground/Ground Communication ED-137-2/C Vol 2 (Telephone)	EUROCAE				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				AF3	3.1.4	

"Interoperability Standard for VOIP ATM Components – Addendum2 To Volume 2: FAA Legacy Telephone Interworking" ED-137 Volume2 Addendum 2	EUROCAE				AF3	3.1.4	
"Interoperability Standard for VOIP ATM Components – Addendum3 To Volume 2: Instantaneous Access Call" ED-137 Volume2 Addendum 3	EUROCAE				AF3	3.1.4	
"Interoperability Standard for VOIP ATM Components – Addendum 4 To Volume 2: Override Call" ED-137 Volume2 Addendum 4	EUROCAE				AF3	3.1.4	
"Interoperability Standard for VOIP ATM Components – Addendum 5 To Volume 2: Voice Call" ED-137 Volume2 Addendum 5	EUROCAE				AF3	3.1.4	
"Interoperability Standard for VOIP ATM Components – Addendum 6 To Volume 2: Extended Call Forward" ED-137 Volume2 Addendum 6	EUROCAE				AF3	3.1.4	
"Interoperability Standard for VOIP ATM Components – Addendum 7 To Volume 2: Extended Position Monitor" ED-137 Volume2 Addendum 7	EUROCAE				AF3	3.1.4	
"InteroperabilityStandard for VOIP ATM Components – Addendum 8 To Volume 2: Radio Intercom Call" ED-137 Volume2 Addendum 8	EUROCAE				AF3	3.1.4	

	"Interoperability Standard for VOIP ATM Components – Addendum 9 To Volume 2: Hotline Access Call" ED-137 Volume2 Addendum 9	EUROCAE				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				AF3	3.1.4	
	Voice over IP Ground/Ground Communication European Legacy Telephone Interworking ED-137-3/C Vol 3	EUROCAE				AF3	3.1.4	
	Voice over IP Ground/Ground Communication Recording ED-137-4/C Vol 4	EUROCAE				AF3	3.1.4	
	Voice over IP Ground/Ground Communication Supervision ED-137-5/C	EUROCAE				AF3	3.1.4	

Other domains

M	Performances	EUROCONTROL Specification for Operational ANS Performance Monitoring - Airport Operator Dataflow EUROCONTROL-SPEC-175 Edition 1.0	EUROCONTROL					
		EUROCONTROL Specification for Operational ANS Performance Monitoring - Air Transport Operator Dataflow EUROCONTROL-SPEC-180 Edition 1.0	EUROCONTROL					
	Environment	EUROCONTROL Specification for Collaborative Environmental Management EUROCONTROL-SPEC-156 Edition 1.1	EUROCONTROL					