

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.

Version: 15 21/06/2021 EASCG 23

)omains		Standa	rdisation				Regul	ation						Link to ICAO ASBU	Comment
		Standardisation acitivy	Standardisation organisation	WG/Panel	Target date for standard publication	Status	Regulatory activity	Regulatory organisation	Target date for regulatory material publication	Status	Master Plan reference	CPs AF	SDM reference Deployment Plan Families	Joint activity with RTCA		
N	avigation applications															
	irborne capability															
R	NP Based operations	DOC 9613 Ed 5	ICAO	PBN Study Group	end 2020	Ongoing										Considered as guidelines
		MASPS for Required Navigation Performance for Area Navigation ED-75E		WG-85	2022	Ongoing								Coordinated with RTCA		
N	lavigation technical e	nablers														
G	NSS	SARPS GPS L5	ICAO	NSP	2022	Ongoing										Dates to be updated after coordination with ICAO
		SARPS Galileo	ICAO	NSP	2022	Ongoing										Dates to be updated after coordination with ICAO
		SARPS DFMC SBAS	ICAO	NSP	2022	Ongoing										Dates to be updated after coordination with ICAO
		SARPS DFMC HRAIM	ICAO	NSP	2022	Ongoing										Dates to be updated after coordination with ICAO
		SARPS DFMC GBAS	ICAO	NSP	tbd	Ongoing										
		Minimum Operational Performance Standard for Galileo / Global Positioning System / Satellite- Based Augmentation System Airborne Equipment ED-259 A	EUROCAE	WG-62	Q3/2022	ongoing					STD-023			Joint document	B2-APTA	
G		SARPS DFMC	ICAO	NSP	2021	Ongoing										
		GBAS MOPS For Global	EUROCAE	WG-28	Dec 2021	Ongoing					BTNAV-STD-				B2-APTA	
		Novigation Satellite Ground Based Augmentation System Ground Equipment To Support Precision Approach and Landing ED-114B Change 1	LUNOVAE	WG-20	Dec 2021	Origonia					09				DZ-AFTA	

MPS for Distance Measuring Equipment (DME/N and DME/P) (ground equipment) ED-57A	EUROCAE	WG-107	Dec 2022	Ongoing									
MASPS for RNP reversion using DME/DME positioning ED-XXX	EUROCAE	WG-107	Dec 2022	Ongoing									
MASPS for SVS SVGS CVS ED-XX	EUROCAE	WG-79	Q4/2021	On going							Joint activities with SC-213	B0-APTA	
MASPS for EVS CVS EFVS ED-XX	EUROCAE	WG-79	Q4/2021	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	Q2/2022	On going								B0-APTA	
Test Procedures for Quantified Visual Advantage ED-xxx	EUROCAE	WG-79	Q3/2021	On going									
MOPS for Low Range Radar Altimeters ED-30A	EUROCAE	WG-119	Q4/2022	On going							Joint activities with SC-239 / DO-155A		
Specification for A- CDM EUROCONTROL- SPEC-nnn	EUROCONTROL		Q4/2021	On going									
	EUROCAE	WG-111	Q4/2021	On going									
Airport CDM Interface Specification ED-145A	EUROCAE	WG-111	Q4/2021	On going									
Guidelines for Test and Validation Related to Airport CDM Interoperability ED-146A	EUROCAE	WG-111	Q4/2021	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 2.2.1 2.2.2			Dependent upon EUROCAE A-CDM activity To be recognised as CS
Specification													
	Measuring Equipment (DME/N and DME/P) (ground equipment) ED-57A MASPS for RNP reversion using DME/DME positioning ED-XXX MASPS for SVS SVGS CVS ED-XX MASPS for EVS CVS EFVS ED-XX MASPS for a Combined Vision System for Helicopter Operations for Low Visibility Operational Credit ED-XX Test Procedures for Quantified Visual Advantage ED-xxx MOPS for Low Range Radar Altimeters ED-30A EUROCONTROL Specification for A- CDM EUROCONTROL- SPEC-nnn Edition 1.0 MASPS for Airport CDM Systems ED-141A Airport CDM Interface Specification ED-145A Guidelines for Test and Validation Related to Airport CDM Interoperability ED-146A Airport CDM SWIM Service Performance Specification ED-XX Airport CDM SWIM Service Performance Specification ED-XX	Measuring Equipment (DME/N and DME/P) (ground equipment) ED-57A MASPS for RNP reversion using DME/DME positioning ED-XXX MASPS for SVS SVGS CVS ED-XX MASPS for EVS CVS ED-XX MASPS for a Combined Vision System for Helicopter Operations for Low Visibility Operational 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Performance Specification ED-146A Airport CDM SWIM Service Performance Specification ED-300 EUROCAE WG-111 Q4/2021 Airport CDM SWIM Service Performance Specification ED-300 EUROCAE WG-111 Q4/2021 Airport CDM SWIM Service Performance Specification ED-300 EUROCAE WG-111 Q4/2021 Airport CDM SWIM Service Performance Specification ED-300 EUROCAE WG-111 Q4/2021	Measuring Equipment (DME/N and DME/P) (ground equipment) ED-57A MASPS for RNP reversion using DME/DME positioning ED-XXX MASPS for SVS SVGS CVS ED-XX MASPS for SVS SVGS CVS ED-XX MASPS for EVS CVS ED-XX MASPS for EVS CVS ED-XX MASPS for a EUROCAE WG-79 Q4/2021 On going CVS EFVS ED-XX MASPS for a EUROCAE WG-79 Q2/2022 On going CVS EFVS ED-XX MASPS for a EUROCAE WG-79 Q2/2022 On going CVS ED-XX MASPS for a EUROCAE WG-79 Q2/2022 On going CVS ED-XX MASPS for a EUROCAE WG-79 Q2/2022 On going CVS ED-XX MOPS for Low Range Radar Altimeters ED-30A EUROCONTROL Specification for A-CDM EUROCAE WG-119 Q4/2021 On going CVS ED-XX EUROCONTROL SPEC-nnn EUROCAE WG-111 Q4/2021 On going CVS ED-XX EUROCONTROL SPEC-nnn EUROCAE WG-111 Q4/2021 On going CVS ED-XX EUROCONTROL SPEC-nnn EUROCAE WG-111 Q4/2021 On going CVS ED-XX EUROCONTROL SPEC-nnn EUROCAE WG-111 Q4/2021 On going CVS ED-XX EUROCONTROL SPEC-nnn EUROCAE WG-111 Q4/2021 On going CVS ED-XX EUROCONTROL SPEC-nnn EUROCAE WG-111 Q4/2021 On going CVS ED-XX EUROCONTROL SPEC-nnn EUROCAE WG-111 Q4/2021 On going CVS ED-XX EUROCAE WG-111 Q4/2021 On going CVS ED-XX	Measuring Equipment (DME/N and DME/P) (ground equipment) ED-57A MASPS for RNP reversion using DME/DME/DME positioning ED-XXX MASPS for SVS SVS EUROCAE WG-79 Q4/2021 On going ED-XXX MASPS for EVS CVS ED-XX MASPS for BURCAE WG-79 Q2/2022 On going CVS EP-XX MASPS for COmbined Vision System for Helicopter Operations for Low Visibility Operational Credit ED-XX Test Procedures for Quantified Visual Advantage ED-xxx MOPS for Low Range Radar Attimeters ED-30A EUROCONTROL SPEC-nnn Edition 1.0 MASPS for Airport CDM Systems ED-311 Q4/2021 On going CVS EP-XX EUROCONTROL SPEC-nnn Edition 1.0 MASPS for Airport CDM Interface Specification ED-145A Airport CDM Interface Specification ED-145A Airport CDM Systems ED-314A Airport CDM Systems EUROCAE WG-111 Q4/2021 On going CVS EP-XX Airport CDM Systems EUROCAE WG-111 Q4/2021 On going Related to Airport CDM Interface Specification ED-145A Airport CDM SWIM Related to Airport CDM Interporability ED-146A Airport Collaborative ETSI TBD Planned	Messauring Eculprener (IMEN and DMEP) (ground eculprener) ED-57A MASPS for RNP MASPS for RNP MASPS for SVS SVGS CVS ED-XX MASPS for SVS SVGS CVS ED-XX MASPS for EVS CVS EFVS CVS EFVS ED-XX MASPS for a EUROCAE WG-79 Q4/2021 On going D1-2022 On going On going On going On going On going On going EUROCAE On going On going EUROCAE On going On going EUROCAE On going On going On going On going On going EUROCAE On going On going	Measuring Equipment (IMEN International Color Internationa	Measuring Common	Measuring Content (Content	Mouseting Mouse Mouse	Measure Meas	Mescand and Section Mescand and Section

М	A-SMGCS	MASPS for Advanced Surface Movement Guidance and Control Systems (A-SMGCS) ED-87E	EUROCAE	WG-41	Q3/2022	Ongoing			AS	SMGCS- STD-01	AF2	2.1.1	B2-SURF	Family update
		Interop Document on Surveillance, Routing, Safety Support ED-XXX	EUROCAE	WG-41	Q3/2022	Ongoing			ASM STD	MGCS- D-01			B2-SURF	
		Guidelines for Surveillance Data Fusion for A-SMGCS Levels 1&2 ED-128A	EUROCAE	WG-41	TBD	On hold			AS S	SMGCS- STD-01			B0-SURF	
		supporting sensor systems for use in A-SMGCS ED-xxx		WG-41	Q3/2023	Planned								
М		Part 8: A-SMGCS routing service EN 303 213-8 (V 1.1.1)	ETSI		2023	On going								To be recognised as CS Delay (dependency on ED-87E)
		Advanced Surface Movement Guidance and Control System (A-SMGCS); Part 5: Harmonised Standard for access to the radio spectrum for Multilateration			2022	ongoing								Delay
M		(MLAT) equipment; Sub-part 2: Reference and vehicle transmitters EN 303 213-5-2 (V 1.1.1)												
1	Queue management	& approach seque	encing											
	TBS for final approach	EUROCONTROL Specification for Time-based Separation (TBS) EUROCONTROL- SPEC-167 Edition 1.1	EUROCONTROL		Q4/2021	Planned								
1	En Route ATM functi	ons												
1	Surveillance applicat	tions												
	ACAS													
	Ground applications	Generic SPR for surveillance service ED-261 Vol 1	EUROCAE	WG-102	Q2/2021	Ongoing			S	STD-027			B1-ASUR	
		surveillance service ED-261 Vol 2	EUROCAE	WG-102	Q2/2021	Ongoing				STD-027			B1-ASUR	
		Generic SPR for surveillance service ED-261 Vol 3	EUROCAE	WG-102	Q2/2021	Ongoing			S	STD-027			B1-ASUR	
	Airborne applications													
1	Surveillance technica	al enablers	<u>l</u>		<u> </u>			<u> </u>	1				 <u> </u>	

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	ADS ground station	T	FURGOAE	N/O 54	00/0000	0			+			
	ADS-B	Technical Specificati on for an ADS- B Ground System ED-129C	EUROCAE	WG-51	Q3/2022	On going						
	Mada C		FUROCONTROL		02/2024	On main m			+			
	Mode S	EUROCONTROL Specification for European Modes S Station (EMS) EUROCONTROL- SPEC-XXX Edition 4.0	EUROCONTROL		Q3/2021	On going						
		EUROCONTROL	EUROCONTROL		Q4/2021	On going						
М		Specification for the Mode S IC Allocation Coordination and IC Conflict Management (MICA) EUROCONTROL-SPEC-153 Edition 1.1			Q 7/2021	on going						
	Mode S transponder	MOPS Mode S	EUROCAE	WG-49	Q2/2022	Ongoing			+		B0-ASUR	
	·	GA transponder ED-115A		WO-49		Origonia					B0-A001(
	WAM/ADS-B composite	TS for WAM Ground System with Composite Surveillance Functionality ED-142A		WG-51	Q2/2022	Ongoing					B1-ASUR	
		Wide Area Multilateration (WAM) systems Harmonised Standard for access to radio spectrum EN 303 489 (V 1.1.1)	ETSI		2022	Ongoing						
	MSPSR	TS for INCS system ED-288	EUROCAE	WG-103	Q2/2021	Ongoing					B1-ASUR	
	SSB	Air Traffic Control	ETQI		2022	ongoing			-			Dalay
М	SSR	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)			2022	ongoing						Delay
	PSR in L Band	Primary Surveillance Radar (PSR); Harmonised Standard for access to radio spectrum; Part 1: Air Traffic Control (ATC) PSR Sensors operating in 1 215 MHz to 1 400 MHz frequency band (L band); Sub-part 1: radar systems using reflector antennas. EN 303 364-1-1			2022	ongoing						

		Primary Surveillance Radar	ETSI	2022	ongoing							
		(PSR); Harmonised										
		Standard for access to radio										
		spectrum; Part 1: Air Traffic Control										
		(ATC) PSR Sensors operating										
		in 1 215 MHz to 1 400 MHz										
		frequency band (L band); Sub part 2:										
		radar systems using phased array										
		antennas - EN 303 364-1-2										
	Ground based aeronautical and meteorological radars	Compatibility (EMC)	ETSI	2022	ongoing							
		standard for radio equipment and										
		services; Part 54: Specific conditions										
		for ground based aeronautical and meteorological										
		radars; Harmonised Standard for										
		electromagnetic compatibility										
	ESASSP	EUROCONTROL	EUROCONTROL	Q4/2023	Planned							Also linked to the activity of EUROCAE WG-102
		Specification for ATM Surveillance System	ESTOSONTIOL	Q 1/2020	T lamou							A see minded to the assumpt of Estress to 102
		Performance (ESASSP)										
M		EUROCONTROL- SPEC-147										
		Edition 2.0										
1	Network services											
	ADEXP					EUROCONTROL EUROCONTROL Specification for ATS	Q2 2021	On going	AF1 AF3	1.1.1 3.2.1		Family update Standard published and submitted to EC for OJEU listing as
						Data Exchange Presentation (ADEXP)			AF4 AF6	4.3.1 6.1.2		SES Community specification
М						EUROCONTROL						
						SPEC-0107 Edition 3.3						
		Specification for	EUROCONTROL	Q4/2021	Planned						 	
		ASM Part III Edition 1.0										
		EUROCONTROL	EUROCONTROL	Q1/2022								New item
		Specification for Airspace										
		Management (ASM) Support System Requirements										
		supporting the ASM processes at local										
A		and FAB level - Part										
		EUROCONTROL- SPEC-166										
		Edition 1.1										

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		Specification for Airspace Management (ASM) Support System	EUROCONTROL	Q1/2023						New item
A		Requirements supporting the ASM processes at local and FAB level - Part								
		II EUROCONTROL- SPEC-179 Edition 1.1								
1	SWIM									
	SWIM Common Components	EUROCONTROL Specification for	EUROCONTROL	Q4/2021	On going					New item
А	Components	Specification for SWIM Service Description EUROCONTROL- SPEC-168 Edition 1.1								
	SWIM	SWIM Technical Infrastructure - Blue Profile	EUROCONTROL	TBD	Not Planned			SWIM-STD- 04		Dependent upon ED-133 update
		OADDO	1040	IMP	Ouncinn					Applicability 0000
М		SARPS on Information Management (PANS- IM)		IMP	Ongoing					Applicability 2022 Family removed
1	AIS services									
•	710 30111003	EUROCONTROL	EUROCONTROL	Q4/2021	Ongoing	Τ	Т	I	Τ	
		Specification for the electronic Aeronautical Information Publication (eAIP) EUROCONTROL- SPEC-146								
		Edition XX	EUROCONTROL	Q4/2021	Ongoing					
		Specification for the Origination of Aeronautical Data Vol 2 EUROCONTROL-SPEC-154 Edition XX	201000111102	Q1/2021	Oligonig					
		EUROCONTROL	EUROCONTROL		Published					Published
М		Terrain and Obstacle Data Manual (TOD) EUROCONTROL- GUID-158 Edition 3.0								
м		EUROCONTROL Specification for AIP Data Set Coding using AIXM 5.1.1	EUROCONTROL	Q2/2022	Ongoing					
м		EUROCONTROL Specification for Obstacle Data Set Coding using AIXM 5.1.1	EUROCONTROL	Q2/2022	Planned					
М		EUROCONTROL Specification for Digital NOTAM Data Set Coding using AIXM 5.1.1	EUROCONTROL	Q4/2022	Planned					

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		EUROCONTROL Specification for	EUROCONTROL		Q4/2022	Planned										
		Instrument Flight														
М		Procedures Design Data Set Coding														
		using AIXM 5.1.1														
		AIXM	EUROCONTROL		Q4/2021	On going						AF2	2.2.1			
М		Edition 5.2										AF3	3.1.1			
		EUROCONTROL	EUROCONTROL		TDD	Dlamad						AF5	5.3.1			
		Specification for AIP	EUROCONTROL		TBD	Planned										
		Data Set Coding using AIXM 5.2														
		using AIAW 5.2														
		EUROCONTROL	EUROCONTROL		TBD	Planned										
		Specification for														
		Obstacle Data Set Coding using AIXM														
		5.2														
		EUROCONTROL Specification for	EUROCONTROL		TBD	Planned										
		Digital NOTAM Data														
		Set Coding using AIXM 5.2														
		EUROCONTROL Specification for	EUROCONTROL		TBD	Planned										
		Instrument Flight														
		Procedures Design Data Set Coding														
		using AIXM 5.2														
		PANS-IM covering AIRM	ICAO	IMP	2019	Ongoing										Family update
М		AIRW														
	Data base		EUROCAE	WG-44	Q2/2022	Ongoing								Joint with RTCA		
		Aeronautical Data Alteration												SC-217 DO-xxx		
		ED-XXX														
			EUROCAE	WG-44	Q2/2024	Ongoing								Joint with RTCA		
		Processing Aeronautical Data												SC-217 DO-200C		
		ED-76B														
		User Requirements	EUROCAE	WG-44	Q3/2024	Ongoing								Joint with RTCA		
		for Navigation Data ED-77B												SC-217 DO-201C		
	Data-link services		EUROCAE	WG-76	Jun-22	Ongoing								coordinated	B2-DAIM	
	Data-IIIIK SCI VIOCS	AIS Datalink	LONGONE	W-70	Junizz	Origonia								activities	BZ-B/AIWI	
		Applications ED-XXX														
_	B# - 4															
	Meteo system & serv	MET SWIM Service	IELIBOCAE	ITDD	2020	Dlanned	1	1	ı		1	Г			B2-AMET	1
	SVVIIVI	IVIE I SVVIIVI SETVICE	EURUUAE	TBD	2020	Planned	1								DZ-AIVIE I	
	Data-link services	MASPS	EUROCAE	WG-76	Jun-22	Ongoing	+				AGDLS-STD-			coordinated	B2-AMET	
	Data-IIIIK SELVICES	MET Datalink	LUNOUAE	VV G-70	Juli-22	Origonity	1				08			activities	DY-VIAIE I	
		Applications ED-XXX					1									
	Flight data exchange	s														
	IFPL						EUROCONTROL Specification for the	EUROCONTROL	Q3/2021	Planned		AF4	4.3.1			Standard published and submitted to EC for OJEU listing as
							Initial Flight Plan									SES Community specification
							(IFPL) EUROCONTROL-									
							SPEC-0101									
							Edition 2.0									
	OLDI			+		1	EUROCONTROL	EUROCONTROL	Q2/2021	Planned		AF1	1.1.1	+		Family update
							Specification for On-					AF3	3.2.1			Family update Standard published and submitted to EC for OJEU listing as SES
							Line Data Interchange (OLDI)					AF6	3.2.2 6.1.2			Community specification
							Interchange (OLDI) EUROCONTROL-									
							SPEC-106 Edition 5.0									
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Flight object	Flight object exchange ED-133A	EUROCAE	WG-59	Q2/2022	Ongoing					STD-033 ATC-STD-01			B1-FICE	
Security														
Standards related to	cybersecurity are covered	by the European Cyb	ersecurity for	r Aviation Standar	rds Coordinat	ion Group (ECSCG)	. The C-RDP is available a	t www.ecscg.eu						
ATM ground syst			_										_	
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	Q2/2023	Ongoing								B1-RATS	
	MASPS for Remote Tower optical systems ED-240A Change 1	EUROCAE	WG-100	Q4/2021	On going									
						Technical requirements for Remote TWR Operations RMT.0624	EASA	Q4/2023	Ongoing					
Virtual centre	TBD	TBD	TBD	TBD	TBD									a work programme is under development in EUROCAE WG-122: detailed activities to define within this work programme
Interface	CWP / FDP Interface	EUROCAE	TBD		Not planned									Activity not yet planned Link with the AAS programme
Air/ground data-l	link services													
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		2022	On going						AF6	6.1.2		Family update To be recognised as CS Delau
	EUROCONTROL Specification on Data Link Services EUROCONTROL- SPEC-116 Edition 2.2	EUROCONTROL		Q2/2022	Planned									New item
	Safety and Performance Standard for Baseline 2 ATS Data Communication ED-228B	EUROCAE	WG-78	Q2/2023	On going									New item
	Interoperability Standard for Baseline 2 ATS Data Communication Via ATN ED-229B	EUROCAE	WG-78	Q2/2023	On going									New item
	Interoperability Standard for Baseline 2 ATS Data Communication, FANS 1/A Accommodation ED-230B	EUROCAE	WG-78	Q2/2023	On going									New item

		Standard for	EUROCAE	WG-78	Q2/2023	On going										New item
		Baseline 2 ATS Data Communication, Baseline 1														
		Accommodation ED-231B														
м							Data Link Services RMT.0524	EASA	Q3/2023	Ongoing		AF6	6.1.1 6.1.2 6.2.1 6.3.1			Family update
1	Air/ground communic	cation technical e	enablers													
	ATN/IPS	Technical Standard of Aviation Profiles for ATN-IPS ED-262A		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	В0-ТВО	
		VDL 2 Airborne MOPS ED-92D	EUROCAE	WG-92	Q4/2021	On going								Joint activity with RTCA SC 214	В0-ТВО	
м		VHF air-ground Digital Link (VDL) Mode 2; Technical characteristics and methods of measurement for ground-based equipment; Part 1:	ETSI		Q4/2022	Ongoing						AF6	6.1.1 6.1.2			Delay
		Physical layer and MAC sub-layer EN 301 841-1 (V 1.5.1)														
м		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	6.1.1 6.1.2			Delay due dependency on EN 301 841-1
м		Airport Surface Data Link (AeroMACS) Harmonised Standard for access to radio spectrum EN 303 623 (V 1.1.1)			Q4/2022	Ongoing					STD-018					Delay
		Minimum Operational Performance Standards (MOPS) for the Aeronautical Mobile Airport Communication ED-223A	EUROCAE	WG-82	Q2/2023	On going								joint with RTCA SC-222 DO-346A		ED-223A AeroMACS MOPS update to address the required changes to ensure compatibility with other communication systems and standards. As an example MOPS part related to AeroMACS equipment adjacent channel emissions needs to be updated to protect UACS C2 channel. Intention is to guarantee for compatibility with UAS C2 in the 5030MHz to 5091 MHz band.
		L Band Air Ground Communication System	EUROCAE	WG-82	2025	Planned					STD-036				ВЗ-ТВО	Long terms activity at EUROCAE
	Satcom															

		Revision of MASPS for AMS(R)S Data	EUROCAE	WG-82	Q3/2021	On going						AF6	6.1.1 6.1.2	coordinated activities (SC222)	B2-TBO	
		and Voice Communications												, ,		
		Supporting Required														
		Communications Performance (RCP)														
		and Required Surveillance														
		Performance (RSP)														
		ED-242C MOPS for Avionics	ELIBOCAE	WG-82	Q3/2021	On going					STD-020	AF6	6.1.1	coordinated	B3-TBO	
		Supporting Next Generation Satellite	EUROCAL	VVG-02	Q3/2021	Offigoring					31D-020	AFO	0.1.1	activities (SC222)	B3-1BO	
		Systems (NGSS)														
		ED-243C														
1	Air/air data-link servic	es														
	Air to air	AIR AIR point to point Data-Link	EUROCAE		2025	Planned										Long term activity at EUROCAE
		Services														
1	Ground/ground data-l	ink services														
	VoIP	VoIP ATM System	EUROCAE	WG-67	Q3/2023	On going										
		Operational and Technical														
		Requirements Volume 2 - SPR														
		ED-136/2A														
			EUROCAE	WG-67	Q3/2023	On going										
		Requirements and Performances for														
		VoIP ATM														
		Systems ED-138A														
	AMHS						EUROCONTROL	EUROCONTROL	Q1/2022	On spins						New item
	AIVINS						Specification on the	EUROCONTROL	Q1/2022	On going						New item Standard published and submitted to EC for OJEU listing as SES
							Air Traffic Services Message Handling									Community specification
							System (AMHS) EUROCONTROL-									
Α							SPEC-0136									
							Edition 2.1									
4	D						l							<u> </u>		
	Drones Standards related to UAS	are covered by the Eu	ropean UAS Standard	s Coordination	Group (EUSCG). The EUSC	G RDP is available at	www.euscg.eu								
	Counter UAS	-	_					-								
	System Performance		EUROCAE	WG-115	Q4/2021	Ongoing										refering to ED-286 "OSED for Counter-UAS in controlled airspace "
	Requirements for non- cooperative UAS detection															
	systems ED-XX															
				1112	0.1/0.00.1											
	Interoperability Requirements for Counter-		EUROCAE	WG-115	Q4/2021	Ongoing										refering to ED-286 "OSED for Counter-UAS in controlled airspace "
	UAS systems ED-YY															
	Other domains Performances							I	I	T						
					00/05											
	Environment	EUROCONTROL Specification for	EUROCONTROL		Q3/2021	On going										
		Collaborative Environmental														
М		Management (CEM)														
		EUROCONTROL- SPEC-156														
		Edition 2.0														

	Standardis	ation	Regula	tion			SDM reference	
Domains	Standardisation acitivy	Standardisation organisation	Regulatory activity	Regulatory organisation	Master Plan reference	CPs AF	Deployment Plan Families	Link to ICAO ASBU
Navigation applic	ations							
Airborne capability	MASPS: Required Navigation Performance for Area Navigation ED-75D	EUROCAE						B0-TBO
Performance Based Operations	Doc 9613 Ed 4	ICAO			STD-001			
			COMMISSION IMPLEMENTING REGULATION (EU) 2018/10480f 18 July 2018 laying down airspace usage requirements and operating procedures concerning performance-based navigation	EC				
			EASA regulatory material on PBN incorporating Doc 9613 EASA RMT 0519 Executive Director Decision 2019/011/R of 26/04/2019	EASA				
Navigation techni	cal 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 ground system ED-114A	EUROCAE						BO-APTA
	GBAS Cat 1 ground system ED-114A Change 1	EUROCAE						BO-APTA
	GBAS Cat 1 ground system ED-114B	EUROCAE			BTNAV-STD-09			B0-APTA
	Ground Based Augmentation System (GBAS) VHF ground- air Data Bracadcast (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						
EVS/SVS	MASPS for a Combined Vision Guidance System for Rotorcraft Operations ED-255	EUROCAE						B0-SURF
	Safety Performance and Interoperability Requirements Document Defining Takeoff Minima by Use of Enhanced Flight Vision Systems ED-257	EUROCAE			BTNAV-0504			BO-APTA
	Safety Performance and Interoperability Requirements Document Defining Takeoff Minima by Use of Enhanced Flight Vision Systems ED-257 Change 1	EUROCAE						

	MASPS) for Aircraft state awareness Synthetic Vision System	EUROCAE						B0-APTA
Alum out overto	ED-249							
DMAN & A-CDM			Airport Collaborative Decision Making (A-CDM); Community Specification EN 303 212 (V 1.1.1)	ETSI		AF2	2.1.1 2.2.1 2.2.2	
A-SMGCS	EUROCONTROL Specification for Surface Advanced-Surface Movement Guidance and Control System (A-SMGCS) EUROCONTROL-SPEC-171 Edition 1.1	EUROCONTROL			STD-060	AF2	2.1.1 2.3.1	
	EUROCONTROL Specification for Surface Advanced-Surface Movement Guidance and Control System (A-SMGCS) EUROCONTROL-SPEC-171 Edition 2.0	EUROCONTROL			STD-060	AF2	2.1.1 2.3.1	
	MASPS for Advanced Surface Movement Guidance and Control Systems (A- SMGCS) ED-87C	EUROCAE			STD-010	AF2	2.1.1	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				
			CS on ASMGCS Part 1: surveillance service including external interfaces EN 303 213-1 (V 2.1.1)	ETSI				
			A-SMGCS CS to comply with ED 87C as a prerequisite for the PCP EN 303 213-2 (V 1.4.1)	ETSI				
			CS on ASMGCS Part 2: airport safety support service EN 303 213-2 (V 2.1.1)	ETSI				
			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				
			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				

			mmo.			
		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			
		CS on ASMGCS to comply with ED-87D EN 303 213-7 (V 1.1.1)	ETSI	AF2	2.1.1	
MASPS for Advanced Surface Movement Guidance and Control Systems (A- SMGCS) ED-87D	EUROCAE			AF2	2.1.1	B2-SUR
	EUROCAE			AF2	2.3.1	B2-SUR
ED-117A		Implementation of SESAR Runway safety solutions MST.029	EASA			
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 EN 303 213-4-1	ETSI					
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 EN 303 213-4-2	ETSI					
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 EM 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 2014/5/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					

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	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
	Minimum Aviation System Performance Standards (MASPS) for the Interoperability of Airborne Collision Avoidance Systems (CAS) ED-264	EUROCAE					B1-ACAS
Ground applications			Revision of SPI (Surveillance Performance and Interoperability) RMT 0679 EC Implementing Regulation (EU) 2020/587 of 29/04/2020	EC			
Airborne applications	SPR & INTEROP				ASAS-STD-01		B0-ASUR
	ASPA-FIM ED-195A MOPS FIM	EUROCAE			ASAS-STD-01		B0-ASUR
	ED-236 MOPS for FIM	EUROCAE			ASAS-STD-01		B0-ASUR
	ED-236A						
	Minimum Operational Performance Standards (MOPS) for FIM ED-236A Change 1	EUROCAE			ASAS-STD-01		B0-ASUR
	MOPS for Aircraft Surveillance Applications (ASA) System ED-194B	EUROCAE			ASAS-STD-01		B0-ASUR
	MOPS for 1090 MHz Extende d Squitter ADS-B and TIS-B ED-102B	EUROCAE					
Surveillance tech	nical enablers						
Mode S transponder	MOPS Mode S transponder ED-73F	EUROCAE					
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
Asterix	EUROCONTROL Specification for All Purpose Structured EUROCONTROL Surveillance Information Exchange (ASTERIX) EUROCONTROL-SPEC-149 Edition 2.4	EUROCONTROL					
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	STANAG 5535 Edition 1 Air Surveillance and Ground Based sensors information exchange ADaTP-35	EDA					

	Specification for the Mode S IC Allocation Coordination and IC Conflict Management (MICA) EUROCONTROL-SPEC-153 Edition 1.0	EUROCONTROL			
Ground-based Surveillance Interrogations	on the Assessment of Ground-based Surveillance Interrogations EUROCONTROL-GUID-178				
Radar enablers	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	ETSI			
	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			
	teorological Radars Harmonised Standard for access to radio spectrum; Part 2: 0 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			
SSR	Air Traffic Control Surveillance Radar Sensors; Secondary Surveillance Radar (SSR); Harmonised Standard for access to radio spectrum; Part 1: SSR interogator EN 303 363-1 (V 1.1.1)	ETSI			
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) Eth 303 364-3 (V 1.1.1)	ETSI			
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 (5 band) EN 303 364-2 (V 1.1.1)	ETSI			

ESASSP	EUROCONTROL Specification for ATM Surveillance System Performance (ESASSP) EUROCONTROL-SPEC-147 (Ed1.1)	EUROCONTROL					
	EUROCONTROL Specification for ATM Surveillance System Performance (ESASSP) EUROCONTROL-SPEC-147 Edition 1.2	EUROCONTROL					
Network services							
ADEXP	CS ADEXP EUROCONTROL-SPEC- 0107 Edition 3.1	EUROCONTROL			AF1 AF3 AF4 AF6	1.1.1 3.2.1 4.3.1 6.1.2	
	CS EUROCONTROL Specification for ATS Data Exchange Presentation (ADEXP) EUROCONTROL SPEC- 0107 Edition 3.2	EUROCONTROL			AF1 AF3 AF4 AF6	1.1.1 3.2.1 4.3.1 6.1.2	
	CS EUROCONTROL Specification for ATS Data Exchange Presentation (ADEXP) EUROCONTROL SPEC- 0107 Edition 3.3	EUROCONTROL			AF1 AF3 AF4 AF6	1.1.1 3.2.1 4.3.1 6.1.2	
SWIM			1				
SWIM	AIRM Model	EUROCONTROL		SWIM-STD-01	AF5	5.3.1 5.4.1 5.5.1 5.6.1	Available on http://airm.aero/
	SWIM Service Description EUROCONTROL-SPEC-168 Edition 1.0	EUROCONTROL			AF5	5.2.1 5.3.1 5.4.1 5.5.1 5.6.1	
	SWIM Information Definition EUROCONTROL-SPEC-169 Edition 1.0	EUROCONTROL			AF5	5.2.1 5.3.1 5.4.1 5.5.1 5.6.1	
	SWIM Technical Infrastructure Yellow Profile EUROCONTROL-SPEC-170 Edition 1.0	EUROCONTROL			AF5	5.2.1 5.3.1 5.4.1 5.5.1 5.6.1 6.1.1	
	SWIM Technical Infrastructure Yellow Profile EUROCONTROL-SPEC-170 Edition 1.1	EUROCONTROL			AF5	5.2.1 5.3.1 5.4.1 5.5.1 5.6.1 6.1.1	
	Supporting material for SWIM foundational specifications	EUROCONTROL			AF5	5.3.1 5.4.1 5.5.1 5.6.1	

AIS services							
Aeronautical	AIXM	EUROCONTROL			AF2	2.2.1	
information exchange	Edition 5.1.1				AF3 AF5	3.1.1 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	
	EUROCONTROL Terrain and Obstacle Data Manual (TOD) EUROCONTROL-GUID-158 Edition 2.2	EUROCONTROL					
Data-base	Standard for processing aeronautical data ED-76A	EUROCAE			AF5	5.3.1	B0-DAIM
	TS User Requirements for terrain & obstacle data ED-98C	EUROCAE					B0-DAIM
	TS User Requirements for Mapping information ED-99D	EUROCAE			AF5	5.3.1	B0-DAIM
	TS User Requirements for navigation data ED-77A	EUROCAE					B1-DAIM
	Terrain, obstacles and aerodrome maps AIS Data Exchange Standard ED-119C	EUROCAE		AIMS-STD-01 STD-032	AF5	5.3.1	B0-DAIM
MET Systems and	Services						
Meteorological information exchange	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	ETSI					
	EN 30.3 347.4 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)						
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	Guidance on Air to Ground VDL Mode 2 Interoperability ED-276	EUROCAE		AF6	6.1.1 6.1.2	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	6.1.1 6.1.2	
	VVI-T 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	6.1.1 6.1.2	
	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	6.1.1 6.1.2	
	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	6.1.1 6.1.2	
AeroMacs	SARPS on AeroMacs	ICAO				
	MOPS airborne component ED-223 MASPS AeroMacs	EUROCAE EUROCAE				
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	MASPS for AMS(R)S Data and Voice Communications Supporting Required Communications Performance (RCP) and Required Surveillance Performance (RSP)	EUROCAE				B2-TBO
	MASPS for AMS(R)S Data and Voice Communications Supporting Required Communications Performance (RCP) and Required Surveillance Performance (RSP)	EUROCAE		AF6	6.1.1 6.1.2	B2-TBO
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	MOPS for Avionics Supporting Next Generation Satellite Systems (NGSS) ED-243A	EUROCAE				B2-TBO
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	equipment; Technical					
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	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)					
UHF	Ground-based UHF radio	ETSI				
0111	transmitters, receivers and	2101				
	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)					
	Ground-based UHF radio	ETSI				
	transmitters, receivers and					
	transceivers for the UHF					
	aeronautical mobile service					
	using amplitude modulation;				1	
	Part 2: Harmonized EN				1	
	covering the essential					
	requirements Directive					
	2014/53/EU				1	
	EN 302 617-2					
	Ground-based UHF radio	ETSI				
	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					
VHF	Ground-based VHF hand-	ETSI				
	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					
	Ground-based VHF hand-	ETSI				
	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					
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	Part 22: Specific conditions	ETSI				
	for ground based VHF					
	aeronautical mobile and fixed					
	radio equipment;					
	Harmonised Standard for					
	Elecro Magnetic Compatibility					
	EN 301 489-22					
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			Revision of			
			EUROCONTROL			
			Specification on the Air			
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		ED-137-2/C Vol 2 (Telephone)					
ı		(Telephone)					
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ı		VOIP					
ı		ATM Components –					
ı		Addendum 1 To Volume 2: MFC R2 and					
ı		ATS/QSIG Telephone					
ı		Interworking"					
ı		ED-137 Volume 2					
ı		Addendum 1 "Interoperability Standard for	FUROCAE				
ı		VOIP	LONGOAL				
ı		ATM Components –					
ı		Addendum2 To					
ı		Volume 2: FAA Legacy Telephone Interworking"					
ı		ED-137 Volume2					
ı		Addendum 2					
		"Interoperability Standard for	EUROCAE				
1		VOIP					
		ATM Components –					
1		Addendum3 To Volume 2: Instantaneous					
1		Access Call"					
ı		ED-137 Volume2					
ı		Addendum 3					
ı		"Interoperability Standard for	EUROCAE				
ı		VOIP					
ı		ATM Components – Addendum 4 To					
ı		Volume 2: Override Call"					
ı		ED-137 Volume2					
ı		Addendum 4	FUDOOAF				
ı		"Interoperability Standard for VOIP	EUROCAE				
ı		ATM Components –					
ı		Addendum 5 To					
ı		Volume 2: Voice Call*					
ı		ED-137 Volume2 Addendum 5					
ı		"Interoperability Standard for	FUROCAF				
ı		VOIP					
ı		ATM Components –					
ı		Addendum 6 To Volume 2: Extended Call					
ı		Forward"					
1		ED-137 Volume2					
1		Addendum 6					
1		"Interoperability Standard for	EUROCAE				
1		VOIP ATM Components –					
1		Addendum 7 To Volume 2:					
		Extended Position Monitor"					
		ED-137 Volume2					
1		Addendum 7	FURGOAF				
1		"InteroperabilityStandard for VOIP	EUROCAE				
1		ATM Components –					
		Addendum 8 To Volume 2:					
1		Radio Intercom Call"					
1		ED-137 Volume2					
1		*Interoperability	EUROCAE	-	,		
1		Standard for VOIP ATM					
1		Components – Addendum 9 To Volume 2:					
1		Hotline Access Call"					
1		ED-137 Volume2					
1		"Interoperability Standard for	EUROCAE				
1		VOIP					
		ATM Components – Addendum 10 To Volume 2:					
		Call/Answer Access Call"					
1		ED-137 Volume2					
1		Addendum 10		 	<u> </u>		
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	Voice over IP Ground/Ground Communication European Legacy Telephone intervorking ED-137-3/C Vol 3 Voice over IP Ground/Ground Communication Recording ED-137-4/C Vol 4 Voice over IP Ground/Ground Communication Supervision ED-137-5/C	EUROCAE					
Drones Standards related t	o UAS are covered by the Europ	ean UAS Standards Coo	rdination Group (EUSC	G). The U-RDP is avail.	able at www.euscg.	eu	
ACAS for drones	MOPS for ACAS-Xu ED-275	EUROCAE					B3-ACAS
Other domains							
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					