SESAR			Active					ļ ,	\PT	
AO	P05			Airpor	t Collabora	tive Decisio	on Making (A	A-CDM)		
REG	ASP	MIL	APO	USE	INT	IND	NM	MET	AIS	USP

Subject matter and scope

Implement Airport CDM (A-CDM) to enhance the operational efficiency of airports and improve their integration into the Air Traffic Management Network (ATMN) while maintaining or improving the safety levels. These objectives are achievable by increasing the information sharing between the local ANSP, airport operator, aircraft operators, ground handlers, the NM and other airport service providers; and improving the cooperation between these partners to enhance the predictability of events and optimise the utilisation of resources therefore increase the efficiency of the overall system.

The Airport CDM concept is built on the following elements:

- The foundations for Airport CDM are Information Sharing and the Milestone Approach. They consist in collaborative information sharing and monitoring of the progress of a flight from the initial planning to the take off. Those two elements allow the airport partners to achieve a common situational awareness and predict the forthcoming events for each flight.
- Variable Taxi Time Calculation, Collaborative Pre-Departure Sequencing (i.e. initial DMAN) and CDM in Adverse Conditions allow the airport partners to further improve the local management of airport operations, whatever the situation at the airport.
- Once A-CDM has been implemented locally, the link with the ATMN can be strengthened through the exchange of flight update messages between the CDM airport and the NM. This last building block of the A-CDM concept facilitates the flow and capacity management, helps reduce uncertainty and increases efficiency at the network level.

NOTE FOR MILITARY AUTHORITIES: It is the responsibility of each military authority to review this Objective IN ITS ENTIRETY and address each of the SLoAs that the military authority considers RELEVANT for itself. This has to be done on top and above of the review of "MIL" SLoAs which identify actions EXCLUSIVE to military authorities.

Applicability Area(s) & Timescale(s)

Applicability Area	See list of airports in MP L	ee list of airports in MP Level 3 Implementation Plan - Annexes				
Timescales:		om:	Ву:	Applicable to:		
Initial operational capability		/01/2004		Applicability Area		
Full operational capability			31/12/2020	Applicability Area		

References

European ATM Master Plan

[AO-0501]-I	[AO-0501]-Improved Operations in Adverse Conditions through Airport Collaborative Decision Making							
Enablers -	PRO-204a	PRO-204b	PRO-204c	PRO-204d				
[AO-0601]-I	mproved Turn-R	ound Process t	hrough Collabo	rative Decision	Making	·	·	
Enablers -	AIRPORT-31	CDM-01 AOP19	PRO-213a	PRO-213b				
[AO-0602]-0	[AO-0602]-Collaborative Pre-departure Sequencing							
Enablers -	CDM-01 AOP19	PRO-214a	PRO-214b					
[AO-0603]-I	mproved De-icin	g Operation thr	ough Collabora	tive Decision M	laking			
Enablers -	AIRPORT-31	CDM-01 AOP19	PRO-073	PRO-075 ENV02				
[TS-0201]-E	Basic Departure I	<u> Management (P</u>	re-departure M	lanagement)				
Enablers -	AERODROME -ATC-08 AOP19							
	Enablers - [AO-0601]-I Enablers - [AO-0602]-C Enablers - [AO-0603]-I Enablers - [TS-0201]-E	Enablers - PRO-204a [AO-0601]-Improved Turn-R Enablers - AIRPORT-31 [AO-0602]-Collaborative Pre Enablers - CDM-01	Enablers - PRO-204a PRO-204b [AO-0601]-Improved Turn-Round Process to Enablers - AIRPORT-31 CDM-01 AOP19 [AO-0602]-Collaborative Pre-departure Sequence Enablers - CDM-01 AOP19 [AO-0603]-Improved De-icing Operation through Enablers - AIRPORT-31 CDM-01 AOP19 [TS-0201]-Basic Departure Management (Page 1) AERODROME - ATC-08	Enablers - PRO-204a PRO-204b PRO-204c [AO-0601]-Improved Turn-Round Process through Collaborative - AIRPORT-31 AOP19 PRO-213a [AO-0602]-Collaborative Pre-departure Sequencing Enablers - CDM-01 AOP19 PRO-214a PRO-214b [AO-0603]-Improved De-icing Operation through Collaborative Pre-departure Management (Pre-departure Managemen	Enablers - PRO-204a PRO-204b PRO-204c PRO-204d [AO-0601]-Improved Turn-Round Process through Collaborative Decision Enablers - AIRPORT-31 CDM-01 AOP19 PRO-213a PRO-213b [AO-0602]-Collaborative Pre-departure Sequencing Enablers - CDM-01 AOP19 PRO-214a PRO-214b [AO-0603]-Improved De-icing Operation through Collaborative Decision Management (Pre-departure Management) Enablers - AIRPORT-31 CDM-01 AOP19 PRO-073 PRO-075 ENV02 [TS-0201]-Basic Departure Management (Pre-departure Management) AERODROME -ATC-08	Enablers - PRO-204a PRO-204b PRO-204c PRO-204d [AO-0601]-Improved Turn-Round Process through Collaborative Decision Making Enablers - AIRPORT-31 CDM-01 AOP19 PRO-213a PRO-213b [AO-0602]-Collaborative Pre-departure Sequencing Enablers - CDM-01 AOP19 PRO-214a PRO-214b [AO-0603]-Improved De-icing Operation through Collaborative Decision Making Enablers - AIRPORT-31 CDM-01 AOP19 PRO-073 PRO-075 ENV02 [TS-0201]-Basic Departure Management (Pre-departure Management) AERODROME -ATC-08	Enablers - PRO-204a PRO-204b PRO-204c PRO-204d [AO-0601]-Improved Turn-Round Process through Collaborative Decision Making Enablers - AIRPORT-31 CDM-01 AOP19 PRO-213a PRO-213b [AO-0602]-Collaborative Pre-departure Sequencing Enablers - CDM-01 AOP19 PRO-214a PRO-214b [AO-0603]-Improved De-icing Operation through Collaborative Decision Making Enablers - AIRPORT-31 CDM-01 AOP19 PRO-073 PRO-075 ENV02 [TS-0201]-Basic Departure Management (Pre-departure Management) AERODROME -ATC-08	Enablers - PRO-204a PRO-204b PRO-204c PRO-204d [AO-0601]-Improved Turn-Round Process through Collaborative Decision Making Enablers - AIRPORT-31 CDM-01 AOP19 PRO-213a PRO-213b [AO-0602]-Collaborative Pre-departure Sequencing Enablers - CDM-01 AOP19 PRO-214a PRO-214b [AO-0603]-Improved De-icing Operation through Collaborative Decision Making Enablers - AIRPORT-31 CDM-01 AOP19 PRO-073 PRO-075 ENV02 [TS-0201]-Basic Departure Management (Pre-departure Management) AERODROME -ATC-08

Applicable legislation

Legend:

WXYZ-001

-none-

Covered by SLoA(s) in another objective

Objective covering the enabler

WXYZ-

003

Not covered in the

Implementation Plan

WXYZ-002

ZZZ

Covered by SLoA(s) in

this objective

AOP05	Airport Collaborative Decision Making (A-CDM)

Essential Operational Changes

Airport and TMA performance

SESAR Solution

ICAO GANP - ASBUs

ACDM-B0/1	Airport CDM Information Sharing (ACIS)
ACDM-B0/2	Integration with ATM Network function
NOPS-B0/4	Initial Airport/ATFM slots and A-CDM Network Interface

Deployment Programme

- none -			
- 110116 -			

European Plan for Aviation Safety

- none -			

Operating Environments

Airport	
En-Route	
Network	
Terminal Airspace	

Stakeholder Lines of Action (SLoAs)

SloA ref.	Title	From	Ву
AOP05-ASP01	Define and agree performance objectives and KPIs at local level, specific to ANSP in accordance with A-CDM Manual guidelines	01/01/2004	01/01/2021
AOP05-ASP02	Define and implement local Air Navigation Service (ANS) procedures for information sharing through Letters of Agreement (LoAs) and/or Memorandum of Understanding (MoU) in accordance with A-CDM Manual guidelines	01/01/2004	01/01/2021
AOP05-ASP03	Define and implement local procedures for turnaround processes in accordance with CDM manual guidelines	01/01/2004	01/01/2021
AOP05-ASP04	Continually review and measure airport performance in accordance with Airport CDM Manual guidelines	01/01/2004	01/01/2021
AOP05-ASP05	Define and implement variable taxi-time and predeparture sequencing procedure (i. e. initial DMAN) according to airport CDM Manual guidelines	DELETED	
AOP05-ASP06	Define and implement procedures for CDM in adverse conditions, including the deicing according to airport CDM Manual guidelines	01/01/2012	01/01/2021
AOP05-APO01	Define and agree performance objectives and KPIs at local level specific to airport operations in accordance with A-CDM Manual guidelines	01/01/2004	01/01/2021
AOP05-APO02	Define and implement local airport operations procedures for information sharing through Letters of Agreement (LoAs) and/or Memorandum of Understanding (MoU) in accordance with A-CDM Manual guidelines	01/01/2004	01/01/2021
AOP05-APO03	Define and implement local procedures for turnaround processes in accordance with CDM manual guidelines (baseline CDM)	01/01/2004	01/01/2021
AOP05-APO04	Continually review and measure airport performance in accordance with Airport CDM Manual guidelines	01/01/2004	01/01/2021
AOP05-APO05	Define and implement the exchange of messages, Flight Update Message (FUM) and Departure Planning Information (DPI) between NMOC and the airport in accordance with A-CDM Manual guidelines	01/03/2005	01/01/2021
AOP05-APO06	Define and implement procedures for CDM in adverse conditions including the de- icing according to airport CDM Manual guidelines	01/06/2006	01/01/2021
AOP05-USE01	Define and agree performance objectives and KPIs at local level, specific to aircraft operators, in accordance with A-CDM Manual guidelines	01/01/2004	01/01/2021
AOP05-USE02	Define and implement local aircraft operators procedures for information sharing through LoAs and/or MoU in accordance with A-CDM manual guidelines	01/01/2004	01/01/2021

AOP05	Airport Collaborative Decision Making (A-CDM)				
AOP05-USE03	Define and implement local procedures for turnaround processes in accordance with A-CDM manual guidelines	01/01/2004	01/01/2021		
AOP05-USE04	Continually review and measure airport performance in accordance with Airport CDM Manual guidelines	01/01/2004	01/01/2021		
AOP05-USE05	Define and implement procedures for CDM in adverse conditions including the de- icing according to A-CDM Manual guidelines	01/01/2012	01/01/2021		
AOP05-NM01	Update NM systems and define procedures to support the exchange of messages, Flight Update Message (FUM) and Departure Planning Information (DPI) between NMOC and airports in accordance with A-CDM Manual guidelines	FINALISED			
Description of finalise	ed and deleted SLoAs is available on the eATM Portal @ https://www.eatmportal.eu/worki	ng/depl/essip_c	<u>objectives</u>		

Expected Performance Benefits

Safety:

Capacity:

 $Improved\ through\ optimal\ use\ of\ facilities\ and\ services,\ better\ use\ of\ airport\ and\ ATFM\ slots.$

Operational Efficiency:

Improved system efficiency and predictability. Significant decrease in fuel burn through better timed operations. Increased airport revenue through additional flights and passengers.

Cost Efficiency: Environment:

Reduced noise and emissions due to limiting engine ground running time due to better timed operations.

Security:

Detailed SLoA Descriptions

	Detailed SLoA Descriptions	From:	By:			
AOP05-ASP01	Define and agree performance objectives and KPIs at local level, specific to ANSP in accordance with A-CDM Manual guidelines	01/01/2004	01/01/2021			
Action by:	ANS Providers					
Description & purpose:	Agree and define specific performance objectives and KPIs through a local A-CDM committee, in co-operation with other stakeholders involved.					
Supporting material(s):	EUROCAE - ED-145 - Airport-CDM Interface Specification 10/2008					
	Url: https://eshop.eurocae.net/eurocae-documents-and-reports/ed-145/					
	EUROCAE - ED-146 - Guidelines for Test and Validation Related to Airp	oort CDM Interopera	ability 10/2008			
	Url: https://eshop.eurocae.net/eurocae-documents-and-reports					
	EUROCAE - ED-141 - Minimum Technical Specifications for Airport Coll Systems 10/2008	laborative Decision	Making (Airport-CDM)			
	Url: https://eshop.eurocae.net/eurocae-documents-and-reports/ed-141/	#non-member				
	ETSI - EN 303 212 - Airport Collaborative Decision Making (A-CDM); Community Specification for application under the Single European Sky Interoperability Regulation EC 552/2004 - Ver. 1.1.1 - OJ 2010C168/04 / 06/2010					
	Url: https://www.etsi.org/deliver/etsi_en/303200_303299/303212/01.01.01_30/en_303212v010101v.pdf					
	EUROCONTROL - Airport CDM Implementation Manual - Edition 5.0 / 03/2017					
	Url: https://www.eurocontrol.int/sites/default/files/publication/files/airport-cdm-manual-2017.PDF					
inalisation criteria:	1 - List of performance objectives and KPIs has been agreed.					
	Define and implement local Air Navigation Service (ANS)	From:	Ву:			
AOP05-ASP02	procedures for information sharing through Letters of Agreement (LoAs) and/or Memorandum of Understanding (MoU) in accordance with A-CDM Manual guidelines	01/01/2004	01/01/2021			
Action by:	ANS Providers					
Description & purpose:	Agree, define and implement local procedures for information sharing ar A-CDM Implementation Manual, in co-operation with other stakeholders		agement systems based on			
Supporting material(s):	EUROCAE - ED-145 - Airport-CDM Interface Specification 10/2008					
	Url: https://eshop.eurocae.net/eurocae-documents-and-reports/ed-145/					
	EUROCAE - ED-146 - Guidelines for Test and Validation Related to Airport CDM Interoperability 10/2008					
	Url: https://eshop.eurocae.net/eurocae-documents-and-reports					
	EUROCAE - ED-141 - Minimum Technical Specifications for Airport Collaborative Decision Making (Airport-CDM) Systems 10/2008					
	Url: https://eshop.eurocae.net/eurocae-documents-and-reports/ed-141/#non-member					
	ETSI - EN 303 212 - Airport Collaborative Decision Making (A-CDM); Community Specification for application under the Single European Sky Interoperability Regulation EC 552/2004 - Ver. 1.1.1 - OJ 2010C168/04 / 06/2010					
	Url: https://www.etsi.org/deliver/etsi_en/303200_303299/303212/01.01.	01_30/en_303212v	010101v.pdf			
	EUROCONTROL - Airport CDM Implementation Manual - Edition 5.0 / 0	3/2017				
	Url: https://www.eurocontrol.int/sites/default/files/publication/files/airport	-cdm-manual-2017	DDE			

ATM Master Plan elationship:	[AIRPORT-31]-Airport CDM (levels 1, 2 & 3)							
inalisation criteria:	1 - Agreed LoA or MoU between the Airport CDM Partners has been sig	ned.						
AOP05-ASP03	Define and implement local procedures for turnaround processes in accordance with CDM manual guidelines	From: 01/01/2004	By: 01/01/2021					
ction by:	ANS Providers							
escription & purpose:	Define and implement local procedures for turnaround processes (milest Implementation Manual and through LoAs.	one approach) based o	on A-CDM					
upporting material(s):	EUROCAE - ED-145 - Airport-CDM Interface Specification 10/2008							
	Url: https://eshop.eurocae.net/eurocae-documents-and-reports/ed-145/							
	EUROCAE - ED-146 - Guidelines for Test and Validation Related to Airport CDM Interoperability 10/2008							
	Url: https://eshop.eurocae.net/eurocae-documents-and-reports							
	EUROCAE - ED-141 - Minimum Technical Specifications for Airport Collaborative Decision Making (Airport-CDM) Systems 10/2008							
	Url: https://eshop.eurocae.net/eurocae-documents-and-reports/ed-141/#	#non-member						
	ETSI - EN 303 212 - Airport Collaborative Decision Making (A-CDM); Community Specification for application under the Single European Sky Interoperability Regulation EC 552/2004 - Ver. 1.1.1 - OJ 2010C168/04 / 06/2010							
	Url: https://www.etsi.org/deliver/etsi_en/303200_303299/303212/01.01.01_30/en_303212v010101v.pdf							
	EUROCONTROL - Airport CDM Implementation Manual - Edition 5.0 / 03/2017							
	Url: https://www.eurocontrol.int/sites/default/files/publication/files/airport-cdm-manual-2017.PDF							
TM Master Plan Plationship:	[PRO-213a]-CDM information sharing Airport Procedures for turn-around							
inalisation criteria:	1 - Agreed LoA or MoU between the A-CDM Partners has been signed.		T					
AOP05-ASP04	Continually review and measure airport performance in accordance with Airport CDM Manual guidelines	From: 01/01/2004	By: 01/01/2021					
ction by:	ANS Providers	ı						
escription & purpose:	Measure performance (KPIs) according to agreed success criteria, and of implementation and through a local A-CDM committee.	quantify the benefits at	local airport after					
upporting material(s):	EUROCAE - ED-145 - Airport-CDM Interface Specification 10/2008							
.,	Url: https://eshop.eurocae.net/eurocae-documents-and-reports/ed-145/							
	EUROCAE - ED-146 - Guidelines for Test and Validation Related to Airport CDM Interoperability 10/2008							
	Url: https://eshop.eurocae.net/eurocae-documents-and-reports							
	EUROCAE - ED-141 - Minimum Technical Specifications for Airport Collaborative Decision Making (Airport-CDM) Systems 10/2008							
	Url: https://eshop.eurocae.net/eurocae-documents-and-reports/ed-141/#non-member							
	ETSI - EN 303 212 - Airport Collaborative Decision Making (A-CDM); Community Specification for application under the Single European Sky Interoperability Regulation EC 552/2004 - Ver. 1.1.1 - OJ 2010C168/04 / 06/2010							
	Url: https://www.etsi.org/deliver/etsi_en/303200_303299/303212/01.01.01_30/en_303212v010101v.pdf							
	EUROCONTROL - Airport CDM Implementation Manual - Edition 5.0 / 0	3/2017						
	Url: https://www.eurocontrol.int/sites/default/files/publication/files/airport-cdm-manual-2017.PDF							
nalisation criteria:	1 - Results/benefits at airport have been published.							
AOP05-ASP06	Define and implement procedures for CDM in adverse conditions, including the de-icing according to airport CDM Manual guidelines	From: 01/01/2012	By: 01/01/2021					
ction by:	ANS Providers							
escription & purpose:	Agree, define and implement local CDM procedures to manage adverse	conditions based on A	-CDM Implementation					
escription & purpose.	Manual, in co-operation with other stakeholders involved.	Conditions pased on A						

Airport Collaborative Decision Making (A-CDM)

AOP05

	Airport Collaborative Decision Making (A-CDM)		
Supporting material(s):	EUROCAE - ED-145 - Airport-CDM Interface Specification 10/2008		
supporting material(s).	Url: https://eshop.eurocae.net/eurocae-documents-and-reports/ed-145/		
		ort CDM Interes erobilit	. 10/2008
	EUROCAE - ED-146 - Guidelines for Test and Validation Related to Airport CDM Interoperability 10/2008		
	Url: https://eshop.eurocae.net/eurocae-documents-and-reports		
	EUROCAE - ED-141 - Minimum Technical Specifications for Airport Collaborative Decision Making (Airport-CDM) Systems 10/2008		
	Url: https://eshop.eurocae.net/eurocae-documents-and-reports/ed-141/# ETSI - EN 303 212 - Airport Collaborative Decision Making (A-CDM); Co Single European Sky Interoperability Regulation EC 552/2004 - Ver. 1.1.1 - OJ 2010C168/04 / 06/2010		or application under the
	Url: https://www.etsi.org/deliver/etsi_en/303200_303299/303212/01.01.0	01 30/en 303212v0101	01v.pdf
	EUROCONTROL - Airport CDM Implementation Manual - Edition 5.0 / 03/2017		
	Url: https://www.eurocontrol.int/sites/default/files/publication/files/airport-		
TM Master Plan elationship:	[PRO-073]-Airport Procedures to maximise throughput of de-icing stands	<u> </u>	
inalisation criteria:	[PRO-204b]-Collaborative Procedures (ATC) for improving Airport Opera 1 - LoA or MoU between the Airport CDM Partners has been agreed.	itions in Adverse Condit	<u>ions</u>
	2 - CDM procedures for the management of adverse conditions, including		_
AOP05-APO01	Define and agree performance objectives and KPIs at local level specific to airport operations in accordance with A-CDM Manual guidelines	01/01/2004	By: 01/01/2021
ction by:	Airport Operators		
Description & purpose:	Agree and define specific performance objectives and KPIs through a loc other stakeholders involved.	cal A-CDM committee, in	n co-operation with
supporting material(s):	EUROCAE - ED-145 - Airport-CDM Interface Specification 10/2008		
	Url: https://eshop.eurocae.net/eurocae-documents-and-reports/ed-145/		
	EUROCAE - ED-146 - Guidelines for Test and Validation Related to Airp	ort CDM Interoperability	10/2008
	Url : https://eshop.eurocae.net/eurocae-documents-and-reports		
	EUROCAE - ED-141 - Minimum Technical Specifications for Airport Collaborative Decision Making (Airport-CDM)		
	Systems 10/2008		
	Url: https://eshop.eurocae.net/eurocae-documents-and-reports/ed-141/#non-member ETSI - EN 303 212 - Airport Collaborative Decision Making (A-CDM); Community Specification for application under the Single European Sky Interoperability Regulation EC 552/2004 - Ver. 1.1.1 - OJ 2010C168/04 / 06/2010		
	Url: https://www.etsi.org/deliver/etsi en/303200 303299/303212/01.01.01 30/en 303212v010101v.pdf		
	Url: https://www.etsi.org/deliver/etsi_en/303200_303299/303212/01.01.0	<u>)1_30/en_303212v0101</u>	01v.pdf
	Url: https://www.etsi.org/deliver/etsi_en/303200_303299/303212/01.01.0 EUROCONTROL - Airport CDM Implementation Manual - Edition 5.0 / 03		01v.pdf
		3/2017	01v.pdf
inalisation criteria:	EUROCONTROL - Airport CDM Implementation Manual - Edition 5.0 / 0.	3/2017	01v.pdf
Finalisation criteria:	EUROCONTROL - Airport CDM Implementation Manual - Edition 5.0 / 0.0 Url: https://www.eurocontrol.int/sites/default/files/publication/files/airport-1 - List of performance objectives and KPIs has been agreed. Define and implement local airport operations procedures for information sharing through Letters of Agreement (LoAs) and/or	3/2017	01v.pdf By: 01/01/2021
	EUROCONTROL - Airport CDM Implementation Manual - Edition 5.0 / 0: Url : https://www.eurocontrol.int/sites/default/files/publication/files/airport- 1 - List of performance objectives and KPIs has been agreed. Define and implement local airport operations procedures for	3/2017 cdm-manual-2017.PDF From:	Ву:
AOP05-APO02	EUROCONTROL - Airport CDM Implementation Manual - Edition 5.0 / 0.0 Url : https://www.eurocontrol.int/sites/default/files/publication/files/airport-1 - List of performance objectives and KPIs has been agreed. Define and implement local airport operations procedures for information sharing through Letters of Agreement (LoAs) and/or Memorandum of Understanding (MoU) in accordance with A-CDM Manual guidelines	3/2017 cdm-manual-2017.PDF From:	Ву:
AOP05-APO02	EUROCONTROL - Airport CDM Implementation Manual - Edition 5.0 / 0.0 Url : https://www.eurocontrol.int/sites/default/files/publication/files/airport-1 - List of performance objectives and KPIs has been agreed. Define and implement local airport operations procedures for information sharing through Letters of Agreement (LoAs) and/or Memorandum of Understanding (MoU) in accordance with A-CDM Manual guidelines Airport Operators Agree, define and implement local procedures for information sharing an	3/2017 cdm-manual-2017.PDF From: 01/01/2004 d information managem	By: 01/01/2021
AOP05-APO02 action by: description & purpose:	EUROCONTROL - Airport CDM Implementation Manual - Edition 5.0 / 0.0 Url : https://www.eurocontrol.int/sites/default/files/publication/files/airport-1 - List of performance objectives and KPIs has been agreed. Define and implement local airport operations procedures for information sharing through Letters of Agreement (LoAs) and/or Memorandum of Understanding (MoU) in accordance with A-CDM Manual guidelines Airport Operators Agree, define and implement local procedures for information sharing an A-CDM Implementation Manual, in co-operation with other stakeholders	3/2017 cdm-manual-2017.PDF From: 01/01/2004 d information managem	By: 01/01/2021
AOP05-APO02 action by: description & purpose:	EUROCONTROL - Airport CDM Implementation Manual - Edition 5.0 / 0.0 Url: https://www.eurocontrol.int/sites/default/files/publication/files/airport-1 - List of performance objectives and KPIs has been agreed. Define and implement local airport operations procedures for information sharing through Letters of Agreement (LoAs) and/or Memorandum of Understanding (MoU) in accordance with A-CDM Manual guidelines Airport Operators Agree, define and implement local procedures for information sharing an A-CDM Implementation Manual, in co-operation with other stakeholders EUROCAE - ED-145 - Airport-CDM Interface Specification 10/2008	3/2017 cdm-manual-2017.PDF From: 01/01/2004 d information managem	By: 01/01/2021
AOP05-APO02 ction by: escription & purpose:	EUROCONTROL - Airport CDM Implementation Manual - Edition 5.0 / 0.0 Url: https://www.eurocontrol.int/sites/default/files/publication/files/airport. 1 - List of performance objectives and KPIs has been agreed. Define and implement local airport operations procedures for information sharing through Letters of Agreement (LoAs) and/or Memorandum of Understanding (MoU) in accordance with A-CDM Manual guidelines Airport Operators Agree, define and implement local procedures for information sharing an A-CDM Implementation Manual, in co-operation with other stakeholders EUROCAE - ED-145 - Airport-CDM Interface Specification 10/2008 Url: https://eshop.eurocae.net/eurocae-documents-and-reports/ed-145/	3/2017 cdm-manual-2017.PDF From: 01/01/2004 d information manageminvolved.	By: 01/01/2021 ent systems based on
AOP05-APO02 ction by: escription & purpose:	EUROCONTROL - Airport CDM Implementation Manual - Edition 5.0 / 0.0 Url : https://www.eurocontrol.int/sites/default/files/publication/files/airport-1 - List of performance objectives and KPIs has been agreed. Define and implement local airport operations procedures for information sharing through Letters of Agreement (LoAs) and/or Memorandum of Understanding (MoU) in accordance with A-CDM Manual guidelines Airport Operators Agree, define and implement local procedures for information sharing an A-CDM Implementation Manual, in co-operation with other stakeholders EUROCAE - ED-145 - Airport-CDM Interface Specification 10/2008 Url : https://eshop.eurocae.net/eurocae-documents-and-reports/ed-145/EUROCAE - ED-146 - Guidelines for Test and Validation Related to Airport-CDM Interface Specification Related to Airport-CDM Interface Interf	3/2017 cdm-manual-2017.PDF From: 01/01/2004 d information manageminvolved.	By: 01/01/2021 ent systems based on
AOP05-APO02 action by: description & purpose:	EUROCONTROL - Airport CDM Implementation Manual - Edition 5.0 / 0.0 Url : https://www.eurocontrol.int/sites/default/files/publication/files/airport-1 - List of performance objectives and KPIs has been agreed. Define and implement local airport operations procedures for information sharing through Letters of Agreement (LoAs) and/or Memorandum of Understanding (MoU) in accordance with A-CDM Manual guidelines Airport Operators Agree, define and implement local procedures for information sharing an A-CDM Implementation Manual, in co-operation with other stakeholders EUROCAE - ED-145 - Airport-CDM Interface Specification 10/2008 Url : https://eshop.eurocae.net/eurocae-documents-and-reports/ed-145/ EUROCAE - ED-146 - Guidelines for Test and Validation Related to Airp Url : https://eshop.eurocae.net/eurocae-documents-and-reports	From: 01/01/2004 d information manageminvolved.	By: 01/01/2021 ent systems based on
AOP05-APO02 Action by: Description & purpose:	EUROCONTROL - Airport CDM Implementation Manual - Edition 5.0 / 0.0 Url : https://www.eurocontrol.int/sites/default/files/publication/files/airport-1 - List of performance objectives and KPIs has been agreed. Define and implement local airport operations procedures for information sharing through Letters of Agreement (LoAs) and/or Memorandum of Understanding (MoU) in accordance with A-CDM Manual guidelines Airport Operators Agree, define and implement local procedures for information sharing an A-CDM Implementation Manual, in co-operation with other stakeholders EUROCAE - ED-145 - Airport-CDM Interface Specification 10/2008 Url : https://eshop.eurocae.net/eurocae-documents-and-reports/ed-145/ EUROCAE - ED-146 - Guidelines for Test and Validation Related to Airp Url : https://eshop.eurocae.net/eurocae-documents-and-reports EUROCAE - ED-141 - Minimum Technical Specifications for Airport Collis Systems 10/2008	From: 01/01/2004 d information manageminvolved. ort CDM Interoperability	By: 01/01/2021 ent systems based on
AOP05-APO02 Action by: Description & purpose:	EUROCONTROL - Airport CDM Implementation Manual - Edition 5.0 / 0.0 Url : https://www.eurocontrol.int/sites/default/files/publication/files/airport-1 - List of performance objectives and KPIs has been agreed. Define and implement local airport operations procedures for information sharing through Letters of Agreement (LoAs) and/or Memorandum of Understanding (MoU) in accordance with A-CDM Manual guidelines Airport Operators Agree, define and implement local procedures for information sharing an A-CDM Implementation Manual, in co-operation with other stakeholders EUROCAE - ED-145 - Airport-CDM Interface Specification 10/2008 Url : https://eshop.eurocae.net/eurocae-documents-and-reports/ed-145/ EUROCAE - ED-146 - Guidelines for Test and Validation Related to Airp Url : https://eshop.eurocae.net/eurocae-documents-and-reports EUROCAE - ED-141 - Minimum Technical Specifications for Airport Collisystems 10/2008 Url : https://eshop.eurocae.net/eurocae-documents-and-reports/ed-141/files/publications/files/airports/ed-141/files/publications/files/	From: 01/01/2004 d information manageminvolved. ort CDM Interoperability aborative Decision Making	By: 01/01/2021 ent systems based on v 10/2008 ng (Airport-CDM)
	EUROCONTROL - Airport CDM Implementation Manual - Edition 5.0 / 0.0 Url : https://www.eurocontrol.int/sites/default/files/publication/files/airport-1 - List of performance objectives and KPIs has been agreed. Define and implement local airport operations procedures for information sharing through Letters of Agreement (LoAs) and/or Memorandum of Understanding (MoU) in accordance with A-CDM Manual guidelines Airport Operators Agree, define and implement local procedures for information sharing an A-CDM Implementation Manual, in co-operation with other stakeholders EUROCAE - ED-145 - Airport-CDM Interface Specification 10/2008 Url : https://eshop.eurocae.net/eurocae-documents-and-reports/ed-145/ EUROCAE - ED-146 - Guidelines for Test and Validation Related to Airp Url : https://eshop.eurocae.net/eurocae-documents-and-reports EUROCAE - ED-141 - Minimum Technical Specifications for Airport Collis Systems 10/2008 Url : https://eshop.eurocae.net/eurocae-documents-and-reports/ed-141/# ETSI - EN 303 212 - Airport Collaborative Decision Making (A-CDM); Co Single European Sky Interoperability Regulation EC 552/2004	From: 01/01/2004 d information manageminvolved. ort CDM Interoperability aborative Decision Making	By: 01/01/2021 ent systems based on v 10/2008 ng (Airport-CDM)
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AOP05-APO02 Action by: Description & purpose:	EUROCONTROL - Airport CDM Implementation Manual - Edition 5.0 / 0.0 Url : https://www.eurocontrol.int/sites/default/files/publication/files/airport. 1 - List of performance objectives and KPIs has been agreed. Define and implement local airport operations procedures for information sharing through Letters of Agreement (LoAs) and/or Memorandum of Understanding (MoU) in accordance with A-CDM Manual guidelines Airport Operators Agree, define and implement local procedures for information sharing an A-CDM Implementation Manual, in co-operation with other stakeholders EUROCAE - ED-145 - Airport-CDM Interface Specification 10/2008 Url : https://eshop.eurocae.net/eurocae-documents-and-reports/ed-145/ EUROCAE - ED-146 - Guidelines for Test and Validation Related to Airp Url : https://eshop.eurocae.net/eurocae-documents-and-reports EUROCAE - ED-141 - Minimum Technical Specifications for Airport Colls Systems 10/2008 Url : https://eshop.eurocae.net/eurocae-documents-and-reports/ed-141/# ETSI - EN 303 212 - Airport Collaborative Decision Making (A-CDM); Co Single European Sky Interoperability Regulation EC 552/2004 - Ver. 1.1.1 - OJ 2010C168/04 / 06/2010 Url : https://www.etsi.org/deliver/etsi en/303200 303299/303212/01.01.6 EUROCONTROL - Airport CDM Implementation Manual - Edition 5.0 / 0.0000 control of the process	From: 01/01/2004 d information manageminvolved. ort CDM Interoperability aborative Decision Making thon-member mmunity Specification for 130/en 303212v010133/2017	By: 01/01/2021 eent systems based on 7 10/2008 Ing (Airport-CDM) or application under the 01v.pdf
AOP05-APO02 Action by: Description & purpose: Supporting material(s):	EUROCONTROL - Airport CDM Implementation Manual - Edition 5.0 / 0.0 Url : https://www.eurocontrol.int/sites/default/files/publication/files/airport-1 - List of performance objectives and KPIs has been agreed. Define and implement local airport operations procedures for information sharing through Letters of Agreement (LoAs) and/or Memorandum of Understanding (MoU) in accordance with A-CDM Manual guidelines Airport Operators Agree, define and implement local procedures for information sharing an A-CDM Implementation Manual, in co-operation with other stakeholders EUROCAE - ED-145 - Airport-CDM Interface Specification 10/2008 Url : https://eshop.eurocae.net/eurocae-documents-and-reports/ed-145/ EUROCAE - ED-146 - Guidelines for Test and Validation Related to Airp Url : https://eshop.eurocae.net/eurocae-documents-and-reports EUROCAE - ED-141 - Minimum Technical Specifications for Airport Colla Systems 10/2008 Url : https://eshop.eurocae.net/eurocae-documents-and-reports/ed-141/fi ETSI - EN 303 212 - Airport Collaborative Decision Making (A-CDM); Co Single European Sky Interoperability Regulation EC 552/2004 - Ver. 1.1.1 - OJ 2010C168/04 / 06/2010 Url : https://www.etsi.org/deliver/etsi en/303200 303299/303212/01.01.01	From: 01/01/2004 d information manageminvolved. ort CDM Interoperability aborative Decision Making thon-member mmunity Specification for 130/en 303212v010133/2017	By: 01/01/2021 eent systems based on v 10/2008 ng (Airport-CDM) or application under the
AOP05-APO02 action by: Description & purpose:	EUROCONTROL - Airport CDM Implementation Manual - Edition 5.0 / 0.0 Url : https://www.eurocontrol.int/sites/default/files/publication/files/airport. 1 - List of performance objectives and KPIs has been agreed. Define and implement local airport operations procedures for information sharing through Letters of Agreement (LoAs) and/or Memorandum of Understanding (MoU) in accordance with A-CDM Manual guidelines Airport Operators Agree, define and implement local procedures for information sharing an A-CDM Implementation Manual, in co-operation with other stakeholders EUROCAE - ED-145 - Airport-CDM Interface Specification 10/2008 Url : https://eshop.eurocae.net/eurocae-documents-and-reports/ed-145/ EUROCAE - ED-146 - Guidelines for Test and Validation Related to Airp Url : https://eshop.eurocae.net/eurocae-documents-and-reports EUROCAE - ED-141 - Minimum Technical Specifications for Airport Colls Systems 10/2008 Url : https://eshop.eurocae.net/eurocae-documents-and-reports/ed-141/# ETSI - EN 303 212 - Airport Collaborative Decision Making (A-CDM); Co Single European Sky Interoperability Regulation EC 552/2004 - Ver. 1.1.1 - OJ 2010C168/04 / 06/2010 Url : https://www.etsi.org/deliver/etsi en/303200 303299/303212/01.01.6 EUROCONTROL - Airport CDM Implementation Manual - Edition 5.0 / 0.0000 control of the process	From: 01/01/2004 d information manageminvolved. ort CDM Interoperability aborative Decision Making thon-member mmunity Specification for 130/en 303212v010133/2017	By: 01/01/2021 eent systems based on v 10/2008 ng (Airport-CDM) or application under the

AOP05	Airport Collaborative Decision Making (A-CDM)
AUPUS	Airport Collaborative Decision Making (A-CDM)

	Define and implement local procedures for turnaround processes	From:	Ву:	
AOP05-APO03	in accordance with CDM manual guidelines (baseline CDM)	01/01/2004	01/01/2021	
Action by:	Airport Operators		'	
Description & purpose:				
Supporting material(s):	EUROCAE - ED-145 - Airport-CDM Interface Specification 10/2008			
	Url: https://eshop.eurocae.net/eurocae-documents-and-reports/ed-145/			
	EUROCAE - ED-146 - Guidelines for Test and Validation Related to Airport CDM Interoperability 10/2008			
	Url: https://eshop.eurocae.net/eurocae-documents-and-reports			
	EUROCAE - ED-141 - Minimum Technical Specifications for Airport Collaborative Decision Making (Airport-CDM) Systems 10/2008			
	Url: https://eshop.eurocae.net/eurocae-documents-and-reports/ed-141/#non-member			
	ETSI - EN 303 212 - Airport Collaborative Decision Making (A-CDM); Community Specification for application under the Single European Sky Interoperability Regulation EC 552/2004 - Ver. 1.1.1 - OJ 2010C168/04 / 06/2010			
	Url: https://www.etsi.org/deliver/etsi_en/303200_303299/303212/01.01.	01 30/en 303212v01	0101v.pdf	
	EUROCONTROL - Airport CDM Implementation Manual - Edition 5.0 / 0	3/2017		
	Url: https://www.eurocontrol.int/sites/default/files/publication/files/airport	-cdm-manual-2017.P	<u>DF</u>	
ATM Master Plan elationship:	[PRO-213a]-CDM information sharing Airport Procedures for turn-around	<u>d</u>		
inalisation criteria:	1 - LoA or MoU between the A-CDM Partners has been agreed.			
The state of the s		From:	By:	
AOP05-APO04	Continually review and measure airport performance in accordance with Airport CDM Manual guidelines	01/01/2004	01/01/2021	
Action by:	Airport Operators		'	
Description & purpose:	Measure performance (KPIs) according to agreed success criteria, and of implementation and through a local A-CDM committee.	quantify the benefits a	t local airport after	
Supporting material(s):	EUROCAE - ED-145 - Airport-CDM Interface Specification 10/2008			
	Url: https://eshop.eurocae.net/eurocae-documents-and-reports/ed-145/			
	EUROCAE - ED-146 - Guidelines for Test and Validation Related to Airp	ort CDM Interoperab	ility 10/2008	
	Url: https://eshop.eurocae.net/eurocae-documents-and-reports			
	EUROCAE - ED-141 - Minimum Technical Specifications for Airport Collaborative Decision Making (Airport-CDM) Systems 10/2008			
	Url: https://eshop.eurocae.net/eurocae-documents-and-reports/ed-141/#non-member			
	ETSI - EN 303 212 - Airport Collaborative Decision Making (A-CDM); Community Specification for application under the Single European Sky Interoperability Regulation EC 552/2004 - Ver. 1.1.1 - OJ 2010C168/04 / 06/2010			
	Url: https://www.etsi.org/deliver/etsi_en/303200_303299/303212/01.01.01_30/en_303212v010101v.pdf			
	EUROCONTROL - Airport CDM Implementation Manual - Edition 5.0 / 03/2017			
	Url: https://www.eurocontrol.int/sites/default/files/publication/files/airport	-cdm-manual-2017.P	<u>DF</u>	
Finalisation criteria:	1 - Results/benefits at airport have been published.			
AOP05-APO05		From:		
	Define and implement the exchange of messages, Flight Update Message (FUM) and Departure Planning Information (DPI) between NMOC and the airport in accordance with A-CDM Manual guidelines	01/03/2005	By: 01/01/2021	
Action by:	Message (FUM) and Departure Planning Information (DPI) between NMOC and the airport in accordance with A-CDM Manual			
	Message (FUM) and Departure Planning Information (DPI) between NMOC and the airport in accordance with A-CDM Manual guidelines	01/03/2005 s (FUMs and DPIs) b	01/01/2021	
Description & purpose:	Message (FUM) and Departure Planning Information (DPI) between NMOC and the airport in accordance with A-CDM Manual guidelines Airport Operators Agree, define and implement local procedures for exchange of message	01/03/2005 s (FUMs and DPIs) b	01/01/2021	
Description & purpose:	Message (FUM) and Departure Planning Information (DPI) between NMOC and the airport in accordance with A-CDM Manual guidelines Airport Operators Agree, define and implement local procedures for exchange of message based on A-CDM Implementation Manual, in co-operation with other stal	01/03/2005 s (FUMs and DPIs) b	01/01/2021	
Description & purpose:	Message (FUM) and Departure Planning Information (DPI) between NMOC and the airport in accordance with A-CDM Manual guidelines Airport Operators Agree, define and implement local procedures for exchange of message based on A-CDM Implementation Manual, in co-operation with other stall EUROCAE - ED-145 - Airport-CDM Interface Specification 10/2008	01/03/2005 s (FUMs and DPIs) b keholders involved.	etween NM and the airpo	
Description & purpose:	Message (FUM) and Departure Planning Information (DPI) between NMOC and the airport in accordance with A-CDM Manual guidelines Airport Operators Agree, define and implement local procedures for exchange of message based on A-CDM Implementation Manual, in co-operation with other stal EUROCAE - ED-145 - Airport-CDM Interface Specification 10/2008 Url: https://eshop.eurocae.net/eurocae-documents-and-reports/ed-145/	01/03/2005 s (FUMs and DPIs) b keholders involved.	etween NM and the airpo	
Description & purpose:	Message (FUM) and Departure Planning Information (DPI) between NMOC and the airport in accordance with A-CDM Manual guidelines Airport Operators Agree, define and implement local procedures for exchange of message based on A-CDM Implementation Manual, in co-operation with other stal EUROCAE - ED-145 - Airport-CDM Interface Specification 10/2008 Url: https://eshop.eurocae.net/eurocae-documents-and-reports/ed-145/EUROCAE - ED-146 - Guidelines for Test and Validation Related to Airport-CDM Interface Specification 10/2008	o1/03/2005 s (FUMs and DPIs) b keholders involved.	etween NM and the airpo	
Action by: Description & purpose: Supporting material(s):	Message (FUM) and Departure Planning Information (DPI) between NMOC and the airport in accordance with A-CDM Manual guidelines Airport Operators Agree, define and implement local procedures for exchange of message based on A-CDM Implementation Manual, in co-operation with other stal EUROCAE - ED-145 - Airport-CDM Interface Specification 10/2008 Url: https://eshop.eurocae.net/eurocae-documents-and-reports/ed-145/ EUROCAE - ED-146 - Guidelines for Test and Validation Related to Airp Url: https://eshop.eurocae.net/eurocae-documents-and-reports EUROCAE - ED-141 - Minimum Technical Specifications for Airport Coll	o1/03/2005 s (FUMs and DPIs) b keholders involved. oort CDM Interoperable aborative Decision M	etween NM and the airpo	
Description & purpose:	Message (FUM) and Departure Planning Information (DPI) between NMOC and the airport in accordance with A-CDM Manual guidelines Airport Operators Agree, define and implement local procedures for exchange of message based on A-CDM Implementation Manual, in co-operation with other stall EUROCAE - ED-145 - Airport-CDM Interface Specification 10/2008 Url: https://eshop.eurocae.net/eurocae-documents-and-reports/ed-145/EUROCAE - ED-146 - Guidelines for Test and Validation Related to Airp Url: https://eshop.eurocae.net/eurocae-documents-and-reports EUROCAE - ED-141 - Minimum Technical Specifications for Airport Coll Systems 10/2008	o1/03/2005 s (FUMs and DPIs) b keholders involved. oort CDM Interoperable aborative Decision M	etween NM and the airpo	
Description & purpose:	Message (FUM) and Departure Planning Information (DPI) between NMOC and the airport in accordance with A-CDM Manual guidelines Airport Operators Agree, define and implement local procedures for exchange of message based on A-CDM Implementation Manual, in co-operation with other stal EUROCAE - ED-145 - Airport-CDM Interface Specification 10/2008 Url: https://eshop.eurocae.net/eurocae-documents-and-reports/ed-145/ EUROCAE - ED-146 - Guidelines for Test and Validation Related to Airp Url: https://eshop.eurocae.net/eurocae-documents-and-reports EUROCAE - ED-141 - Minimum Technical Specifications for Airport Coll Systems 10/2008 Url: https://eshop.eurocae.net/eurocae-documents-and-reports/ed-141/4 ETSI - EN 303 212 - Airport Collaborative Decision Making (A-CDM); Co Single European Sky Interoperability Regulation EC 552/2004	o1/03/2005 s (FUMs and DPIs) bekeholders involved. cort CDM Interoperable aborative Decision Mathematical decision decision mathematical decision decisio	etween NM and the airpolitity 10/2008 aking (Airport-CDM)	
Description & purpose:	Message (FUM) and Departure Planning Information (DPI) between NMOC and the airport in accordance with A-CDM Manual guidelines Airport Operators Agree, define and implement local procedures for exchange of message based on A-CDM Implementation Manual, in co-operation with other stal EUROCAE - ED-145 - Airport-CDM Interface Specification 10/2008 Url: https://eshop.eurocae.net/eurocae-documents-and-reports/ed-145/ EUROCAE - ED-146 - Guidelines for Test and Validation Related to Airp Url: https://eshop.eurocae.net/eurocae-documents-and-reports EUROCAE - ED-141 - Minimum Technical Specifications for Airport Coll Systems 10/2008 Url: https://eshop.eurocae.net/eurocae-documents-and-reports/ed-141/# ETSI - EN 303 212 - Airport Collaborative Decision Making (A-CDM); Co Single European Sky Interoperability Regulation EC 552/2004 - Ver. 1.1.1 - OJ 2010C168/04 / 06/2010	o1/03/2005 s (FUMs and DPIs) b keholders involved. ort CDM Interoperable aborative Decision Machine aborative Decision Machine aborative Specification of the summunity Specification of	etween NM and the airpolitity 10/2008 aking (Airport-CDM)	

	1 - LoA or MoU between the A-CDM Partners and the NM has been agreed. 2 - Exchange of messages has been implemented.		
Define and implement procedures for CDM in adverse conditions	From:	Ву:	
ncluding the de-icing according to airport CDM Manual guidelines	01/06/2006	01/01/2021	
Airport Operators			
Agree, define and implement local CDM procedures to manage adverse conditions based on A-CDM Implementation Manual, in co-operation with other stakeholders involved.			
EUROCAE - ED-145 - Airport-CDM Interface Specification 10/2008			
EUROCAE - ED-145 - Airport-CDM Interface Specification 10/2008 Url : https://eshop.eurocae.net/eurocae-documents-and-reports/ed-145/			
EUROCAE - ED-146 - Guidelines for Test and Validation Related to Airp	ort CDM Interopera	ability 10/2008	
Jrl: https://eshop.eurocae.net/eurocae-documents-and-reports			
EUROCAE - ED-141 - Minimum Technical Specifications for Airport Collaborative Decision Making (Airport-CDM) Systems 10/2008			
Jrl: https://eshop.eurocae.net/eurocae-documents-and-reports/ed-141/#	<u>#non-member</u>		
ETSI - EN 303 212 - Airport Collaborative Decision Making (A-CDM); Community Specification for application under the Single European Sky Interoperability Regulation EC 552/2004 - Ver. 1.1.1 - OJ 2010C168/04 / 06/2010			
Url: https://www.etsi.org/deliver/etsi_en/303200_303299/303212/01.01.01_30/en_303212v010101v.pdf			
EUROCONTROL - Airport CDM Implementation Manual - Edition 5.0 / 03/2017			
Jrl: https://www.eurocontrol.int/sites/default/files/publication/files/airport	-cdm-manual-2017	.PDF	
[PRO-073]-Airport Procedures to maximise throughput of de-icing stands			
PRO-204a]-Collaborative Procedures (Airport) for improving Airport Ope	erations in Adverse	Conditions	
1 - LoA or MoU between the A-CDM partners has been agreed.2 - CDM procedures for the management of adverse conditions, including de-icing, have been established.			
•	From:	By:	
	01/01/2004	01/01/2021	
Airspace Users			
Agree and define specific performance objectives and KPIs at local level	, in co-operation wi	th airport and ANSP.	
EUROCAE - ED-145 - Airport-CDM Interface Specification 10/2008			
Url: https://eshop.eurocae.net/eurocae-documents-and-reports/ed-145/			
EUROCAE - ED-146 - Guidelines for Test and Validation Related to Airp	ort CDM Interopera	ability 10/2008	
Url: https://eshop.eurocae.net/eurocae-documents-and-reports			
EUROCAE - ED-141 - Minimum Technical Specifications for Airport Collaborative Decision Making (Airport-CDM) Systems 10/2008			
Url: https://eshop.eurocae.net/eurocae-documents-and-reports/ed-141/#non-member			
ETSI - EN 303 212 - Airport Collaborative Decision Making (A-CDM); Community Specification for application under th Single European Sky Interoperability Regulation EC 552/2004 - Ver. 1.1.1 - OJ 2010C168/04 / 06/2010			
Url: https://www.etsi.org/deliver/etsi_en/303200_303299/303212/01.01.01_30/en_303212v010101v.pdf			
EUROCONTROL - Airport CDM Implementation Manual - Edition 5.0 / 03/2017			
-UROCON ROL - Airport CDM Implementation Manual - Edition 5.0 / 0	Url: https://www.eurocontrol.int/sites/default/files/publication/files/airport-cdm-manual-2017.PDF		
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Jrl: https://www.eurocontrol.int/sites/default/files/publication/files/airport-		By:	
Url: https://www.eurocontrol.int/sites/default/files/publication/files/airport - List of performance objectives and KPIs have been agreed with ANS	P and AO.		
Url: https://www.eurocontrol.int/sites/default/files/publication/files/airport - List of performance objectives and KPIs have been agreed with ANS Define and implement local aircraft operators procedures for nformation sharing through LoAs and/or MoU in accordance	P and AO. From:	Ву:	
	Manual, in co-operation with other stakeholders involved. EUROCAE - ED-145 - Airport-CDM Interface Specification 10/2008 Jrl: https://eshop.eurocae.net/eurocae-documents-and-reports/ed-145/ EUROCAE - ED-146 - Guidelines for Test and Validation Related to Airp Jrl: https://eshop.eurocae.net/eurocae-documents-and-reports EUROCAE - ED-141 - Minimum Technical Specifications for Airport Coll Systems 10/2008 Jrl: https://eshop.eurocae.net/eurocae-documents-and-reports/ed-141/fe ETSI - EN 303 212 - Airport Collaborative Decision Making (A-CDM); Collingle European Sky Interoperability Regulation EC 552/2004 - Ver. 1.1.1 - OJ 2010C168/04 / 06/2010 Jrl: https://www.etsi.org/deliver/etsi.en/303200_303299/303212/01.01.01 EUROCONTROL - Airport CDM Implementation Manual - Edition 5.0 / 0 Jrl: https://www.eurocontrol.int/sites/default/files/publication/files/airport/ PRO-073]-Airport Procedures to maximise throughput of de-icing stands PRO-204a]-Collaborative Procedures (Airport) for improving Airport Ope Jrl-LoA or MoU between the A-CDM partners has been agreed. C-CDM procedures for the management of adverse conditions, including Define and agree performance objectives and KPIs at local level, specific to aircraft operators, in accordance with A-CDM Manual guidelines Airspace Users Agree and define specific performance objectives and KPIs at local level, specific to aircraft operators, in accordance with A-CDM Manual guidelines Airspace Users Agree and define specific performance objectives and KPIs at local level, specific to aircraft operators, in accordance with A-CDM Manual guidelines Airspace Users Agree and define specific performance objectives and KPIs at local level, specific to aircraft operators, in accordance with A-CDM Manual guidelines Airspace Users Agree and define specific performance objectives and KPIs at local level, specific to aircraft operators, in accordance with A-CDM Manual guidelines Airspace Users Agree and define specific performance objectives and KPIs at local level,	Agree, define and implement local CDM procedures to manage adverse conditions based of Manual, in co-operation with other stakeholders involved. EUROCAE - ED-145 - Airport-CDM Interface Specification 10/2008 Jrl : https://eshop.eurocae.net/eurocae-documents-and-reports/ed-145/ EUROCAE - ED-146 - Guidelines for Test and Validation Related to Airport CDM Interopera Drl : https://eshop.eurocae.net/eurocae-documents-and-reports EUROCAE - ED-141 - Minimum Technical Specifications for Airport Collaborative Decision Systems 10/2008 Jrl : https://eshop.eurocae.net/eurocae-documents-and-reports/ed-141/#non-member ETSI - EN 303 212 - Airport Collaborative Decision Making (A-CDM); Community Specification in the string of the	

Airport Collaborative Decision Making (A-CDM)

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AOP05	Airport Collaborative Decision Making (A-CDM)		
Supporting material(s):	ELIPOCAE - ED-145 - Airport-CDM Interface Specification 10/2008		
supporting material(s).	EUROCAE - ED-145 - Airport-CDM Interface Specification 10/2008		
	Url: https://eshop.eurocae.net/eurocae-documents-and-reports/ed-145/		
	EUROCAE - ED-146 - Guidelines for Test and Validation Related to Airport CDM Interoperability 10/2008		
	Url: https://eshop.eurocae.net/eurocae-documents-and-reports EUROCAE - ED-141 - Minimum Technical Specifications for Airport Collaborative Decision Making (Airport-CDM) Systems 10/2008		
	Url: https://eshop.eurocae.net/eurocae-documents-and-reports/ed-141/#	tnon-member	
	ETSI - EN 303 212 - Airport Collaborative Decision Making (A-CDM); Co Single European Sky Interoperability Regulation EC 552/2004 - Ver. 1.1.1 - OJ 2010C168/04 / 06/2010		for application under the
	Url: https://www.etsi.org/deliver/etsi_en/303200_303299/303212/01.01.01	01 30/en 303212v010	<u>1101v.pdf</u>
	EUROCONTROL - Airport CDM Implementation Manual - Edition 5.0 / 03/2017		
	Url: https://www.eurocontrol.int/sites/default/files/publication/files/airports	-cdm-manual-2017.PD	<u>E</u>
ATM Master Plan elationship:	[AIRPORT-31]-Airport CDM (levels 1, 2 & 3)		
inalisation criteria:	1 - LoA or MoU between the A-CDM partners has been agreed.		
AOP05-USE03	Define and implement local procedures for turnaround processes in accordance with A-CDM manual guidelines	From: 01/01/2004	By: 01/01/2021
Action by:	Airspace Users		
Description & purpose:	Define and implement local procedures for turnaround processes (milest Implementation Manual and through LoAs.	one approach) based o	on A-CDM
Supporting material(s):	EUROCAE - ED-145 - Airport-CDM Interface Specification 10/2008		
	Url: https://eshop.eurocae.net/eurocae-documents-and-reports/ed-145/		
	EUROCAE - ED-146 - Guidelines for Test and Validation Related to Airp	ort CDM Interoperabilit	ty 10/2008
	Url: https://eshop.eurocae.net/eurocae-documents-and-reports		
	EUROCAE - ED-141 - Minimum Technical Specifications for Airport Collaborative Decision Making (Airport-CDM) Systems 10/2008		
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			for application under the
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	Url: https://eshop.eurocae.net/eurocae-documents-and-reports/ed-141/# ETSI - EN 303 212 - Airport Collaborative Decision Making (A-CDM); Co Single European Sky Interoperability Regulation EC 552/2004 - Ver. 1.1.1 - OJ 2010C168/04 / 06/2010	mmunity Specification 01 30/en 303212v010	
	Url: https://eshop.eurocae.net/eurocae-documents-and-reports/ed-141/#ETSI - EN 303 212 - Airport Collaborative Decision Making (A-CDM); Co Single European Sky Interoperability Regulation EC 552/2004 - Ver. 1.1.1 - OJ 2010C168/04 / 06/2010 Url: https://www.etsi.org/deliver/etsi_en/303200_303299/303212/01.01.01.01	mmunity Specification 01 30/en 303212v010 3/2017	1101v.pdf
ATM Master Plan elationship:	Url: https://eshop.eurocae.net/eurocae-documents-and-reports/ed-141/# ETSI - EN 303 212 - Airport Collaborative Decision Making (A-CDM); Co Single European Sky Interoperability Regulation EC 552/2004 - Ver. 1.1.1 - OJ 2010C168/04 / 06/2010 Url: https://www.etsi.org/deliver/etsi_en/303200_303299/303212/01.01.01 EUROCONTROL - Airport CDM Implementation Manual - Edition 5.0 / 0	mmunity Specification 01 30/en 303212v010 3/2017 -cdm-manual-2017.PD	1101v.pdf
elationship:	Url: https://eshop.eurocae.net/eurocae-documents-and-reports/ed-141/# ETSI - EN 303 212 - Airport Collaborative Decision Making (A-CDM); Co Single European Sky Interoperability Regulation EC 552/2004 - Ver. 1.1.1 - OJ 2010C168/04 / 06/2010 Url: https://www.etsi.org/deliver/etsi_en/303200_303299/303212/01.01.01 EUROCONTROL - Airport CDM Implementation Manual - Edition 5.0 / 0 Url: https://www.eurocontrol.int/sites/default/files/publication/files/airports	mmunity Specification 01 30/en 303212v010 3/2017 -cdm-manual-2017.PD	1101v.pdf
elationship:	Url: https://eshop.eurocae.net/eurocae-documents-and-reports/ed-141/# ETSI - EN 303 212 - Airport Collaborative Decision Making (A-CDM); Co Single European Sky Interoperability Regulation EC 552/2004 - Ver. 1.1.1 - OJ 2010C168/04 / 06/2010 Url: https://www.etsi.org/deliver/etsi_en/303200_303299/303212/01.01.01 EUROCONTROL - Airport CDM Implementation Manual - Edition 5.0 / 0 Url: https://www.eurocontrol.int/sites/default/files/publication/files/airport- [PRO-213b]-CDM information sharing Airline Procedures for turn-around 1 - LoA or MoU between the A-CDM partners has been agreed.	mmunity Specification 01 30/en 303212v010 3/2017 -cdm-manual-2017.PD	1101v.pdf
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AOP05	Airport Collaborative Decision Making (A-CDM)		
Description & purpose:	Agree, define and implement local CDM procedures to manage adverse conditions based on A-CDM Implementation Manual, in co-operation with other stakeholders involved.		
Supporting material(s):	EUROCAE - ED-145 - Airport-CDM Interface Specification 10/2008		
	Url: https://eshop.eurocae.net/eurocae-documents-and-reports/ed-145	<u>5/</u>	
	EUROCAE - ED-146 - Guidelines for Test and Validation Related to Airport CDM Interoperability 10/2008		
	Url: https://eshop.eurocae.net/eurocae-documents-and-reports		
	EUROCAE - ED-141 - Minimum Technical Specifications for Airport Collaborative Decision Making (Airport-CDM) Systems 10/2008		
	Url : https://eshop.eurocae.net/eurocae-documents-and-reports/ed-141/#non-member		
	ETSI - EN 303 212 - Airport Collaborative Decision Making (A-CDM); C Single European Sky Interoperability Regulation EC 552/2004 - Ver. 1.1.1 - OJ 2010C168/04 / 06/2010	Community Specifica	tion for application under the
	Url: https://www.etsi.org/deliver/etsi_en/303200_303299/303212/01.01.01_30/en_303212v010101v.pdf		
	EUROCONTROL - Airport CDM Implementation Manual - Edition 5.0 / 03/2017		
	Url: https://www.eurocontrol.int/sites/default/files/publication/files/airpo	rt-cdm-manual-2017	<u>.PDF</u>
ATM Master Plan relationship:	[PRO-204c]-Collaborative Procedures (Airlines) for improving Airport Operations in Adverse Conditions		
Finalisation criteria:	1 - LoA or MoU between the A-CDM partners has been agreed. 2 - CDM procedures for the management of adverse conditions, including de-icing, have been established.		
	Update NM systems and define procedures to support the	From:	Ву:
AOP05-NM01	exchange of messages, Flight Update Message (FUM) and Departure Planning Information (DPI) between NMOC and airports in accordance with A-CDM Manual guidelines	01/03/2005	01/01/2021
Action by:	NM		I
Description & purpose:			
Supporting material(s):	EUROCAE - ED-145 - Airport-CDM Interface Specification 10/2008		
	Url: https://eshop.eurocae.net/eurocae-documents-and-reports/ed-145/		
	EUROCAE - ED-146 - Guidelines for Test and Validation Related to Airport CDM Interoperability 10/2008		
	Url: https://eshop.eurocae.net/eurocae-documents-and-reports		
	EUROCAE - ED-141 - Minimum Technical Specifications for Airport Collaborative Decision Making (Airport-CDM) Systems 10/2008		
	Url: https://eshop.eurocae.net/eurocae-documents-and-reports/ed-141/#non-member		
	ETSI - EN 303 212 - Airport Collaborative Decision Making (A-CDM); (Community Specifica	tion for application under the

Url: https://www.etsi.org/deliver/etsi_en/303200_303299/303212/01.01.01_30/en_303212v010101v.pdf

2 - Procedures have been defined to support the exchange of messages (FUMs and DPIs) between NM and airports .

Url: https://www.eurocontrol.int/sites/default/files/publication/files/airport-cdm-manual-2017.PDF

Single European Sky Interoperability Regulation EC 552/2004

[PRO-214a]-Airport CDM Procedures for pre-departure sequencing

EUROCONTROL - Airport CDM Implementation Manual - Edition 5.0 / 03/2017

- Ver. 1.1.1 - OJ 2010C168/04 / 06/2010

1 - NM systems have been updated.

ATM Master Plan

relationship: Finalisation criteria: