

OFA 05.01.01 Final OSED

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ENAIRE, ENAV, EUROCONTROL, NORACON, INDRA, SEAC	

Abstract

This document is the fourth and last edition '(Edition 4.0) of the Operational Services and Environment Description (OSED) related to the Airport Operations Management element (OFA05.01.01) of the SESAR operational concept.
The SESAR Solution #21 'Airport Operations Plan and AOP-NOP Seamless Integration' consists of a set of airport performance services and a suite of enabling applications to maintain performance in normal, adverse and exceptional operating conditions. The Solution is grounded in two new services: Steer Airport Performance - establish the performance goals and KPI thresholds - and Monitor Airport Performance - monitor current and forecast performance against the goals and automatically trigger a warning to ATM stakeholders if predefined thresholds are exceeded.
The full Airport Operations Management concept developed within OFA05.01.01 envisages two additional new services that have not yet reached maturity, namely the ability to Manage Airport Performance and to Perform Post-Operations Analysis. This OSED captures the future operating method and associated requirements pertaining specifically to Solution #21 as well as to the full airport operations management concept.
The OSED is divided into three separate documents (Part1a, Part1b and Part 2). This document represents Part 1b with the collection of the OSED requirements.

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1 Requirements

The requirements described below cover the key concept elements developed within OFA05.01.01 in the areas of performance steering monitoring management and post operations analysis as well as supporting functions such as DCB, De-icing and Target Time Management. The requirements have been specified with the intention of covering those concept elements currently validated. It is understood that some requirements may not be pertinent for some airports and would be subject to a cost/benefit analysis during deployment.

1.1 Requirements related to AOP general content

1.1.1 AOP General Requirements (AOPG)

[REQ]

Identifier	REQ-06.05.02-OSED-AOPG.0001
Requirement	The AOP shall provide the Airport Stakeholders a common situational awareness of actual and planned airport operations
Title	AOP general requirements
Status	<Validated>
Rationale	Purpose of the AOP
Category	<Operational>
Validation Method	< Shadow Mode >
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Prepare Popst_operations Analysis Report	N/A
<APPLIES_TO>	<Operational Service>	Perform Post Operations Analysis	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-AOPG.0002
Requirement	The AOP shall provide the airport stakeholders the ability to access consistent and coherent operational information
Title	AOP general requirements
Status	<Validated>
Rationale	Purpose of the AOP
Category	<Operational>
Validation Method	< Shadow Mode >
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>

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<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-AOPG.0010
Requirement	The AOP information shall be classified in three categories; 1- Traffic Demand, 2- Airport Capabilities, 3- Airport Operational Context (Performance)
Title	AOP general requirements
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	< Shadow Mode >
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
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<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-AOPG.0011
Requirement	The AOP information shall have the ability to label data as not visible for everybody
Title	AOP general requirements
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	< Shadow Mode >
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
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<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-AOPG.0012
Requirement	Airport Transit Views (ATVs) shall be created ultimately at the start of the day of operation
Title	AOP general requirements
Status	<Validated>

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Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	< Shadow Mode >
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
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<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-AOPG.0013
Requirement	An Airport Transit View (ATV) shall connect inbound and outbound flight information based on the aircraft registration / tail number
Title	AOP general requirements
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	< Shadow Mode >
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
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<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-AOPG.0014
Requirement	An Airport Transit View (ATV) shall be changeable after its initial creation
Title	AOP general requirements
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	< Shadow Mode >
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A

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[REQ]

Identifier	REQ-06.05.02-OSED-AOPG.0015
Requirement	An Airport Transit View (ATV) shall also be created for an inbound flight without a connected outbound flight if it is still unknown
Title	AOP general requirements
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-AOPG.0016
Requirement	An Airport Transit View (ATV) shall also be created for an inbound flight without an connected outbound flight if it is unknown
Title	AOP general requirements
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Service>	Manage Airport Performance	N/A

1.1.2 Flight Identification and Specification Information (FLID)

[REQ]

Identifier	REQ-06.05.02-OSED-FLID.1000
Requirement	The “Traffic Demand” section of the AOP shall contain flight identification and specification Information
Title	AOP flight identification
Status	<Validated>
Rationale	General data definition of the AOP

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Category	<Operational>
Validation Method	< Shadow Mode >
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLID.0001
Requirement	The Traffic Demand section shall include for each flight the IATA Flight Identification Information
Title	AOP flight identification
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	< Shadow Mode >
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLID.0005
Requirement	The Traffic Demand section shall include for each flight the ICAO call sign
Title	AOP flight identification
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	< Shadow Mode >
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0026	<Partial>
<APPLIES_TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLID.0006

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Requirement	The Traffic Demand section shall include for each flight the Date of Scheduled Flight
Title	AOP flight identification
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	< Shadow Mode >
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLID.0007
Requirement	The Traffic Demand section shall include for each flight the Arrival / Departure indicator
Title	AOP flight identification
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	< Shadow Mode >
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLID.1007
Requirement	The Traffic Demand section shall include for each flight the Airport Transit View code (ATV_ID)
Title	AOP flight identification
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance

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<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<APPLIES_TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLID.0008
Requirement	The Traffic Demand section shall include for each flight the Global Unique Flight Identifier
Title	AOP flight identification
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLID.0009
Requirement	The Traffic Demand section shall include for each flight the Initial Flight Plan Identifier = NM reference
Title	AOP flight identification
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	< Shadow Mode >
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLID.0101
Requirement	The Traffic Demand section shall include for each flight the Aircraft Operator name or code
Title	AOP flight identification
Status	<Validated>
Rationale	General data definition of the AOP

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Category	<Operational>
Validation Method	< Shadow Mode >
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLID.0102
Requirement	The Traffic Demand section shall include for each inbound flight the Scheduled In-Block Time
Title	AOP flight identification
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLID.0103
Requirement	The Traffic Demand section shall include for each outbound flight the Scheduled Off-Block Time
Title	AOP flight identification
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	< Shadow Mode >
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

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Identifier	REQ-06.05.02-OSED-FLID.0104
Requirement	The Traffic Demand section shall include for each inbound flight the Scheduled Landing Time
Title	AOP flight identification
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLID.0105
Requirement	The Traffic Demand section shall include for each outbound flight the Scheduled Take Off Time
Title	AOP flight identification
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	< Shadow Mode >
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLID.0106
Requirement	The Traffic Demand section shall include for each flight the Type of flight
Title	AOP flight identification
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

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Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<APPLIES_TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLID.0107
Requirement	The Traffic Demand section shall include for each flight the ICAO Flight Status
Title	AOP flight identification
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	< Shadow Mode >
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<APPLIES_TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLID.0108
Requirement	The Traffic Demand section shall include for each flight the Prioritisation Tag
Title	AOP flight identification
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<APPLIES_TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLID.0109
Requirement	The Traffic Demand section shall include for each flight the Aircraft Registration (tail number) - IATA
Title	AOP flight identification
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>

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Validation Method	< Shadow Mode >
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLID.0110
Requirement	The Traffic Demand section shall include for each flight the Aircraft Type (IATA Aircraft type) - as per ED-145
Title	AOP flight identification
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	< Shadow Mode >
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLID.0111
Requirement	The Traffic Demand section shall include for each flight the Aircraft Type (ICAO Aircraft type) - as per ED-145
Title	AOP flight identification
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	< Shadow Mode >
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLID.0112

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Requirement	The Traffic Demand section shall include for each flight the Aircraft Wake Turbulence Category
Title	AOP flight identification
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLID.0201
Requirement	The Traffic Demand section shall include for each inbound flight the Aerodrome of Departure (ICAO)
Title	AOP flight identification
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	< Shadow Mode >
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLID.0202
Requirement	The Traffic Demand section shall include for each outbound flight the Aerodrome of Destination (ICAO)
Title	AOP flight identification
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	< Shadow Mode >
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance

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<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<APPLIES_TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLID.0203
Requirement	The Traffic Demand section shall include for each inbound flight the Departure Airport (IATA Code)
Title	AOP flight identification
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	< Shadow Mode >
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLID.0204
Requirement	The Traffic Demand section shall include for each outbound flight the Destination Airport (IATA Code)
Title	AOP flight identification
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	< Shadow Mode >
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLID.0205
Requirement	The Traffic Demand section shall include for each flight the Terminal ID
Title	AOP flight identification
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>

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Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLID.0206
Requirement	The Traffic Demand section shall include for each flight the Minimum Connection Time
Title	AOP flight identification
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLID.0207
Requirement	The Traffic Demand section shall include for each flight the ICAO call sign of the next movement (ARCID_next)
Title	AOP flight identification
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLID.0208

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Requirement	The Traffic Demand section shall include for each inbound flight the Global Unique Flight Identifier of the next movement (GUFI_next)
Title	AOP flight identification
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLID.0209
Requirement	The Traffic Demand section shall include for each flight the ICAO call sign of the previous movement (ARCID-previous)
Title	AOP flight identification
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLID.0210
Requirement	The Traffic Demand section shall include for each outbound flight the Global Unique Flight Identifier of the previous movement (GUFI_previous)
Title	AOP flight identification
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance

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<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<APPLIES_TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLID.0211
Requirement	The Traffic Demand section shall include for each flight the IATA Flight Identification of the next movement (FL_ID next)
Title	AOP flight identification
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLID.0212
Requirement	The Traffic Demand section shall include for each flight the IATA Flight Identification of the previous movement (FL_ID previous)
Title	AOP flight identification
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLID.0213
Requirement	The Traffic Demand section shall include for each flight the IATA Flight Identification of all code shared flights
Title	AOP flight identification
Status	<Validated>

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Rationale	General data definition of the AOP, additional information to present to passengers
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

1.1.3 Flight Progress Information (FLTP)

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.1000
Requirement	The “Traffic Demand” section of the AOP (core) shall, contain Flight Progress information for each ATV
Title	AOP flight identification
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	< Shadow Mode >
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.0001
Requirement	The Flight Progress information in the Traffic Demand section shall include for each flight the Aircraft Flight Status - Scheduled
Title	AOP flight progress monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	< Shadow Mode >
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance

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<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<APPLIES_TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.0002
Requirement	The Flight Progress information in the Traffic Demand section shall include for each flight the Aircraft Flight Status - Initiated
Title	AOP flight progress monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	< Shadow Mode >
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.0003
Requirement	The Flight Progress information in the Traffic Demand section shall include for each flight the Aircraft Flight Status - Airborne
Title	AOP flight progress monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	< Shadow Mode >
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.0004
Requirement	The Flight Progress information in the Traffic Demand section shall include for each inbound flight the Aircraft Flight Status - FIR

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Title	AOP flight progress monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	< Shadow Mode >
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.0005
Requirement	The Flight Progress information in the Traffic Demand section shall include for each inbound flight the Aircraft Flight Status - Final Approach
Title	AOP flight progress monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	< Shadow Mode >
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.0006
Requirement	The Flight Progress information in the Traffic Demand section shall include for each inbound flight the Aircraft Flight Status - Landed/Taxi In
Title	AOP flight progress monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	< Shadow Mode >
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance

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<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<APPLIES_TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.0007
Requirement	The Flight Progress information in the Traffic Demand section shall include for each inbound flight the Aircraft Flight Status - In-Block
Title	AOP flight progress monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	< Shadow Mode >
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.0008
Requirement	The Flight Progress information in the Traffic Demand section shall include for each inbound flight the Aircraft Flight Status - De-Boarding
Title	AOP flight progress monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.0009
Requirement	The Flight Progress information in the Traffic Demand section shall include for each inbound flight the Aircraft Flight Status - De-Boarding Completed

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Title	AOP flight progress monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.0010
Requirement	The Flight Progress information in the Traffic Demand section shall include for each outbound flight the Aircraft Flight Status - Boarding
Title	AOP flight progress monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	< Shadow Mode >
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0082	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.0011
Requirement	The Flight Progress information in the Traffic Demand section shall include for each outbound flight the Aircraft Flight Status - Boarding Completed
Title	AOP flight progress monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

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Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<APPLIES_TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.0012
Requirement	The Flight Progress information in the Traffic Demand section shall include for each outbound flight the Aircraft Flight Status - Ready
Title	AOP flight progress monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	< Shadow Mode >
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<APPLIES_TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.0013
Requirement	The Flight Progress information in the Traffic Demand section shall include for each outbound flight the Flight Status - Off Block/Taxi Out
Title	AOP flight progress monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	< Shadow Mode >
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<APPLIES_TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.0014

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Requirement	The Flight Progress information in the Traffic Demand section shall include for each ATV the Aircraft Flight Status - Standby
Title	AOP flight progress monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.0015
Requirement	The Flight Progress information in the Traffic Demand section shall include for each flight the Aircraft Flight Status - Towing or re-positioning operation
Title	AOP flight progress monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.0016
Requirement	The Flight Progress information in the Traffic Demand section shall include for each outbound flight the Aircraft Flight Status - Ready for de-icing
Title	AOP flight progress monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

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[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.0017
Requirement	The Flight Progress information in the Traffic Demand section shall include for each outbound flight the Aircraft Flight Status - De Icing Taxi
Title	AOP flight progress monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<APPLIES_TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.0018
Requirement	The Flight Progress information in the Traffic Demand section shall include for each outbound flight the Aircraft Flight Status - De Icing in Progress
Title	AOP flight progress monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<APPLIES_TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.0019

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Requirement	The Flight Progress information in the Traffic Demand section shall include for each outbound flight the Aircraft Flight Status - Departed
Title	AOP flight progress monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	< Shadow Mode >
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.0021
Requirement	The Flight Progress information in the Traffic Demand section shall include for each flight the Aircraft Flight Status - Cancelled
Title	AOP flight progress monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.0022
Requirement	The Flight Progress information in the Traffic Demand section shall include for each flight the Aircraft Flight Status – Indefinite Hold
Title	AOP flight progress monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

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[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.0023
Requirement	The Flight Progress information in the Traffic Demand section shall include for each inbound flight the Aircraft Flight Status - Diverted
Title	AOP flight progress monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<APPLIES_TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.0024
Requirement	The Flight Progress information in the Traffic Demand section shall include for each inbound flight the Aircraft Flight Status – Go-Around
Title	AOP flight progress monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<APPLIES_TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.0025

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Requirement	The Flight Progress information in the Traffic Demand section shall include for each outbound flight the Aircraft Flight Status - Returned
Title	AOP flight progress monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.0026
Requirement	The Flight Progress information in the Traffic Demand section shall include for each inbound flight the Aircraft Flight Status – Within Boundary of TMA
Title	AOP flight progress monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.0103
Requirement	The Flight Progress information in the Traffic Demand section shall include for each inbound flight the Controlled time of arrival at hand over fix (not landing) - with some level of tolerance
Title	AOP flight progress monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

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[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<APPLIES_TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.0104
Requirement	The Flight Progress information in the Traffic Demand section shall include for each inbound flight the Target Initial Approach Fix or metering fix - point on the STAR
Title	AOP flight progress monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.0105
Requirement	The Flight Progress information in the Traffic Demand section shall include for each inbound flight the Estimated initial Approach Fix Time - or metering Fix
Title	AOP flight progress monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<APPLIES_TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

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Identifier	REQ-06.05.02-OSED-FLTP.0106
Requirement	The Flight Progress information in the Traffic Demand section shall include for each inbound flight the Actual Initial Approach Fix Time - or metering Fix
Title	AOP flight progress monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.0107
Requirement	The Flight Progress information in the Traffic Demand section shall include for each inbound flight the Actual Stack Entry Time
Title	AOP flight progress monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.0108
Requirement	The Flight Progress information in the Traffic Demand section shall include for each inbound flight the Actual Stack Exit Time
Title	AOP flight progress monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>

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Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<APPLIES_TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.0109
Requirement	The Flight Progress information in the Traffic Demand section shall include for each inbound flight the Actual Time at the Final Approach Fix or Final Metering Fix point
Title	AOP flight progress monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<APPLIES_TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.03.01-OSED-FLTP.0110
Requirement	The default Impact Assessment related to traffic plan deviations (AIMA) shall be included for each ATV
Title	AOP flight progress monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Shadow Mode / Live trial>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Service>	Manage Airport Performance	N/A

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[REQ]

Identifier	REQ-06.03.01-OSED-FLTP.0111
Requirement	AOP shall include the AU contribution to the default impact assessment (AIMA)
Title	AOP flight progress monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Shadow Mode / Live trial>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.03.01-OSED-FLTP.0112
Requirement	AOP shall include the AO contribution to the default impact assessment (AIMA)
Title	AOP flight progress monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Shadow Mode / Live trial>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.03.01-OSED-FLTP.0113
Requirement	The default Impact Assessment related to traffic plan deviations (AIMA) shall be recalculated whenever a new TTA will be allocated
Title	AOP flight progress monitoring

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Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Shadow Mode / Live trial>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.03.01-OSED-FLTP.0114
Requirement	The default Impact Assessment related to traffic plan deviations (AIMA) shall be shared with AU and AO
Title	AOP flight progress monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Shadow Mode / Live trial>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.03.01-OSED-FLTP.0115
Requirement	The final Impact Assessment related to traffic plan deviations (AIMA) including the contribution from AU and AO shall be shared with NOP via SWIM
Title	AOP flight progress monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Shadow Mode / Live trial>
Verification Method	<Test>

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[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.0201
Requirement	The Flight Progress information in the Traffic Demand section shall include for each inbound flight the Estimated Landing Time
Title	AOP flight progress monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.0202
Requirement	The Flight Progress information in the Traffic Demand section shall include for each inbound flight the Target Landing Time
Title	AOP flight progress monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

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Identifier	REQ-06.05.02-OSED-FLTP.0203
Requirement	The Flight Progress information in the Traffic Demand section shall include for each inbound flight the Actual Landing Time
Title	AOP flight progress monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.0204
Requirement	The Flight Progress information in the Traffic Demand section shall include for each inbound flight the Runway Occupancy Time - Arrival
Title	AOP flight progress monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.0205
Requirement	The Flight Progress information in the Traffic Demand section shall include for each inbound flight the Target In Block Time
Title	AOP flight progress monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

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[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<APPLIES_TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.0206
Requirement	The Flight Progress information in the Traffic Demand section shall include for each inbound flight the Estimated In-Block Time
Title	AOP flight progress monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.0207
Requirement	The Flight Progress information in the Traffic Demand section shall include for each inbound flight the Actual In-Block Time
Title	AOP flight progress monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.0208

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Requirement	The Flight Progress information in the Traffic Demand section shall include for each ATV the Actual Commencement of Ground Handling
Title	AOP flight progress monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.0209
Requirement	The Flight Progress information in the Traffic Demand section shall include for each ATV the Actual End Ground Handling Time
Title	AOP flight progress monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.0210
Requirement	The Flight Progress information in the Traffic Demand section shall include for each outbound flight the Actual Start Boarding Time
Title	AOP flight progress monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	< Shadow Mode >
Verification Method	<Test>

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[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.0211
Requirement	The Flight Progress information in the Traffic Demand section shall include for each outbound flight the Target Off-Block Time
Title	AOP flight progress monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	< Shadow Mode >
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<APPLIES_TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.0212
Requirement	The Flight Progress information in the Traffic Demand section shall include for each outbound flight the Estimated Off-Block Time
Title	AOP flight progress monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	< Shadow Mode >
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<APPLIES_TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.0213

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Requirement	The Flight Progress information in the Traffic Demand section shall include for each outbound flight the Actual Off-Block Time
Title	AOP flight progress monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	< Shadow Mode >
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.0214
Requirement	The Flight Progress information in the Traffic Demand section shall include for each outbound flight the Actual Ready Time
Title	AOP flight progress monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.0215
Requirement	The Flight Progress information in the Traffic Demand section shall include for each outbound flight the Actual Start-Up Request Time
Title	AOP flight progress monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

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[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.0216
Requirement	The Flight Progress information in the Traffic Demand section shall include for each outbound flight the Target Start-Up Approval Time
Title	AOP flight progress monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<APPLIES_TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.0217
Requirement	The Flight Progress information in the Traffic Demand section shall include for each outbound flight the Actual Start-Up Approval Time
Title	AOP flight progress monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<APPLIES_TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.0218

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Requirement	The Flight Progress information in the Traffic Demand section shall include for each outbound flight the Actual Push-back Start Time
Title	AOP flight progress monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.0219
Requirement	The Flight Progress information in the Traffic Demand section shall include for each outbound flight the Actual Push-back End Time
Title	AOP flight progress monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.0220
Requirement	The Flight Progress information in the Traffic Demand section shall include for each outbound flight the Calculated Take Off Time
Title	AOP flight progress monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	< Shadow Mode >
Verification Method	<Test>

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[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.0221
Requirement	The Flight Progress information in the Traffic Demand section shall include for each outbound flight the Target Take Off Time
Title	AOP flight progress monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	< Shadow Mode >
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<APPLIES_TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.0222
Requirement	The Flight Progress information in the Traffic Demand section shall include for each outbound flight the Estimated Take Off Time
Title	AOP flight progress monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	< Shadow Mode >
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<APPLIES_TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.0223

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Requirement	The Flight Progress information in the Traffic Demand section shall include for each outbound flight the Actual Take Off Time
Title	AOP flight progress monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	< Shadow Mode >
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.0224
Requirement	The Flight Progress information in the Traffic Demand section shall include for each outbound flight the Runway Occupancy Time - Departure
Title	AOP flight progress monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.0225
Requirement	The Flight Progress information in the Traffic Demand section shall include for each flight the Variable Taxi Time
Title	AOP flight progress monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

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[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.0226
Requirement	The Flight Progress information in the Traffic Demand section shall include for each inbound fight the Estimated Taxi-In Time
Title	AOP flight progress monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<APPLIES_TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.0227
Requirement	The Flight Progress information in the Traffic Demand section shall include for each inbound fight the Actual Taxi-In Time
Title	AOP flight progress monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<APPLIES_TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.0228

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Requirement	The Flight Progress information in the Traffic Demand section shall include for each outbound flight the Estimated Taxi-Out Time
Title	AOP flight progress monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.0229
Requirement	The Flight Progress information in the Traffic Demand section shall include for each outbound flight the Actual Taxi-Out Time
Title	AOP flight progress monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.0230
Requirement	The Flight Progress information in the Traffic Demand section shall include for each outbound flight the Actual Ready Boarding Time
Title	AOP flight progress monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

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[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.0231
Requirement	The Flight Progress information in the Traffic Demand section shall include for each outbound flight the Estimated Ready Time
Title	AOP flight progress monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<APPLIES_TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.0232
Requirement	The Flight Progress information in the Traffic Demand section shall include for each outbound flight the Estimated Taxi-Out Time to remote de-icing pad
Title	AOP flight progress monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<APPLIES_TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.0233

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Requirement	The Flight Progress information in the Traffic Demand section shall include for each outbound flight the Actual Taxi-Out Time to remote de-icing pad
Title	AOP flight progress monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.0301
Requirement	The Flight Progress information in the Traffic Demand section shall include for each outbound flight the Estimate Ready for De-icing Time
Title	AOP flight progress monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.0302
Requirement	The Flight Progress information in the Traffic Demand section shall include for each outbound flight the Actual Ready for De-icing Time
Title	AOP flight progress monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

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[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.0303
Requirement	The Flight Progress information in the Traffic Demand section shall include for each outbound flight the Estimated Commencement of De-icing Time
Title	AOP flight progress monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<APPLIES_TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.0304
Requirement	The Flight Progress information in the Traffic Demand section shall include for each outbound flight the Actual Commencement of De-icing Time
Title	AOP flight progress monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<APPLIES_TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.0305

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Requirement	The Flight Progress information in the Traffic Demand section shall include for each outbound flight the Estimated End of De-icing Time
Title	AOP flight progress monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.0306
Requirement	The Flight Progress information in the Traffic Demand section shall include for each outbound flight the Actual End of De-icing Time
Title	AOP flight progress monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.0307
Requirement	The Flight Progress information in the Traffic Demand section shall include for each outbound flight the Estimated De-icing Time Duration
Title	AOP flight progress monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

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[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.0308
Requirement	The Flight Progress information in the Traffic Demand section shall include for each outbound flight the Actual De-Icing Duration Time
Title	AOP flight progress monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<APPLIES_TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.0309
Requirement	The Flight Progress information in the Traffic Demand section shall include for each outbound flight the Name of de-icing position allocated
Title	AOP flight progress monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<APPLIES_TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.0310

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Requirement	The Flight Progress information in the Traffic Demand section shall include for each outbound flight the Default Hold Over time (THOT), we suppose this time is referred to De-Icing Process
Title	AOP flight progress monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<APPLIES_TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.0311
Requirement	The Flight Progress information in the Traffic Demand section shall include for each outbound flight the De-Icing Variable Hold Over Time
Title	AOP flight progress monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<APPLIES_TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.0312
Requirement	The Flight Progress information in the Traffic Demand section shall include for each outbound flight the De-Icing type required
Title	AOP flight progress monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

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[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<APPLIES_TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.0313
Requirement	The Flight Progress information in the Traffic Demand section shall include for each outbound flight the Status - Aircraft Anti-iced
Title	AOP flight progress monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.0401
Requirement	The Flight Progress information in the Traffic Demand section shall include for each ATV the Minimum Turn-round Time
Title	AOP flight progress monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	< Shadow Mode >
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.0402

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Requirement	The Flight Progress information in the Traffic Demand section shall include for each ATV the Scheduled Turn-round Time
Title	AOP flight progress monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	< Shadow Mode >
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.0403
Requirement	The Flight Progress information in the Traffic Demand section shall include for each ATV the Estimated Turn-around Time
Title	AOP flight progress monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	< Shadow Mode >
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.0404
Requirement	The Flight Progress information in the Traffic Demand section shall include for each ATV the Actual Turn-round Time
Title	AOP flight progress monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	< Shadow Mode >
Verification Method	<Test>

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[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.0501
Requirement	The Flight Progress information in the Traffic Demand section shall include for each inbound flight the RWYARR Request
Title	AOP flight progress monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<APPLIES_TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.0502
Requirement	The Flight Progress information in the Traffic Demand section shall include for each inbound flight the Assigned Runway to be used for Arrival
Title	AOP flight progress monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<APPLIES_TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.0503

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Requirement	The Flight Progress information in the Traffic Demand section shall include for each outbound flight the RWYDEP Request
Title	AOP flight progress monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.0504
Requirement	The Flight Progress information in the Traffic Demand section shall include for each outbound flight the Assigned Runway to be used for Departure
Title	AOP flight progress monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.0505
Requirement	The Flight Progress information in the Traffic Demand section shall include for each inbound flight the Standard Instrument Arrival Route
Title	AOP flight progress monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

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[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.0506
Requirement	The Flight Progress information in the Traffic Demand section shall include for each outbound flight the Standard Instrument Departure Route
Title	AOP flight progress monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<APPLIES_TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.0507
Requirement	The Flight Progress information in the Traffic Demand section shall include for each inbound flight the Runway Exit to be used - assigned / agreed runway exit
Title	AOP flight progress monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<APPLIES_TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.0508

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Requirement	The Flight Progress information in the Traffic Demand section shall include for each outbound flight the Runway Entry to be used - Assigned Take Off-intersection
Title	AOP flight progress monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<APPLIES_TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.0509
Requirement	The Flight Progress information in the Traffic Demand section shall include for each inbound flight the Allocated Arrival Gate Number
Title	AOP flight progress monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<APPLIES_TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.0510
Requirement	The Flight Progress information in the Traffic Demand section shall include for each inbound flight the Allocated Arrival Parking Stand Number
Title	AOP flight progress monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

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[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<APPLIES_TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.0511
Requirement	The Flight Progress information in the Traffic Demand section shall include for each outbound flight the Allocated Departure Gate Number
Title	AOP flight progress monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	< Shadow Mode >
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.0512
Requirement	The Flight Progress information in the Traffic Demand section shall include for each outbound flight the Allocated Departure Parking Stand Number
Title	AOP flight progress monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	< Shadow Mode >
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.0513

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Requirement	The Flight Progress information in the Traffic Demand section shall include for each flight the Taxi Route
Title	AOP flight progress monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.0514
Requirement	An ATV update of IATA/ICAO ARR ID field must be associated to an update of ADEP and SIBT fields and vice versa
Title	AOP flight progress monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.0515
Requirement	An ATV update of IATA/ICAO DEP ID field must be associated to an update of ADES and SOBT fields and vice versa
Title	AOP flight progress monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

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[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.0516
Requirement	When the ARR/DEP ID, ADEP/ADES and SOBT/SIBT of one ATV are modified, the HMI must indicate (highlight) that another ATV must be modified
Title	AOP flight progress monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<APPLIES_TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.0517
Requirement	Taxi-in/taxi-out, calculated times and algorithms associated are automatically updated when the following fields change: • ATV landing/departing runways • ATV departure/arrival parking stand number
Title	AOP flight progress monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

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Identifier	REQ-06.05.02-OSED-FLTP.0518
Requirement	Aircraft Type updates must update the XTTA, calculated times and algorithms associated
Title	AOP flight progress monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<APPLIES_TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.0519
Requirement	ATVs must be colored depending on the flight status
Title	AOP flight progress monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<APPLIES_TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.0520
Requirement	ATVs must have the possibility of being sorted by STATUS and by: • EIBT • SIBT • SOBT • TOBT • ETOT • CTOT
Title	AOP flight progress monitoring

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Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.0521
Requirement	The following fields of an ATV must be highlighted when inconsistency or discrepancy among different stakeholders (or in IATA/ICAO information) in them is detected or when the information is not complete: • Flight Identification • Aircraft Registration • Aircraft type • Airport of Arrival/ departure • Arrival/departure indicator • CTOT • TOBT
Title	AOP flight progress monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.0522
Requirement	When a field with an inconsistency is selected, there must be the possibility to get to further information about the type of inconsistency
Title	AOP flight progress monitoring
Status	<Validated>

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Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<APPLIES_TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.0523
Requirement	When an ATV is selected, it must be possible to access to all the information associated to it
Title	AOP flight progress monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<APPLIES_TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.0524
Requirement	The Flight Progress information in the Traffic Demand section shall include for each inbound flight the Flight Plan Status (Pre-departure, suspended, airborne, diverted)
Title	AOP flight progress monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A

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<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES_TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.0525
Requirement	The Flight Progress information in the Traffic Demand section shall include for each inbound flight the API Status (initiate, update or cancel)
Title	AOP flight progress monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.0526
Requirement	The Flight Progress information in the Traffic Demand section shall include for each inbound flight the Target Time of Arrival (TTA)
Title	AOP flight progress monitoring
Status	<Updated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>

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<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.0532
Requirement	The Flight Progress information in the Traffic Demand section shall include for each outbound flight the Flight Plan Status (Pre-departure, suspended, airborne, diverted)
Title	AOP flight progress monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.0533
Requirement	The Flight Progress information in the Traffic Demand section shall include for each outbound flight the DPI Status (initiate, update or cancel)
Title	AOP flight progress monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES_TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>

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<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.0625
Requirement	The traffic demand section of the AOP shall include for each ATV the Arrival Planning Information (API) message
Title	AOP flight progress monitoring
Status	<Validated>
Rationale	General data definition of the AOP The API contains elements from the AOP like; - FLID - ARCID - DOF - REG - AAST - SIBT - SLDT - TTA - EIBT - EXIT - DEP - ADEP - RWYARR - STAR - TerminalID - API status
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.0626
Requirement	The traffic demand section of the AOP shall include for each ATV the Departure Planning Information (DPI) message
Title	AOP flight progress monitoring
Status	<Validated>

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Rationale	General data definition of the AOP The API contains elements from the AOP like; - FLID - ARCID - DOF - REG - ADST - SOBT - STOT - TTD - EOBT - EXOT - DES - ADES - RWYDEP - SID - TerminalID - DPI status
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

1.1.4 Flight (pay) load information (LOAD)

[REQ]

Identifier	REQ-06.05.02-OSED-LOAD.0112
Requirement	The Flight (pay)load information in the Traffic Demand section shall include for each outbound flight the estimated number of passengers
Title	AOP flight payload information
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

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[REQ]

Identifier	REQ-06.05.02-OSED-LOAD.0113
Requirement	The Flight (pay)load information in the Traffic Demand section shall include for each outbound flight the number of checked passengers
Title	AOP flight payload information
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-LOAD.0115
Requirement	The Flight (pay)load information in the Traffic Demand section shall include for each outbound flight the time at Gate based on checked passengers
Title	AOP flight payload information
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-LOAD.0116
Requirement	The Flight (pay)load information in the Traffic Demand section shall include for each outbound flight the TOBT Pax based on checked passengers
Title	AOP flight payload information
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>

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Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<APPLIES_TO>	<Operational Service>	Manage Airport Performance	N/A

1.1.5 Monitor Airport Performance Service

[REQ]

Identifier	REQ-06.06.02-OSED-APMO.0010
Requirement	The list of data corresponding to the KPIs as defined by Steering performance Service shall be available in the Airport Performance Monitoring Platform and visible to all users as per individual access right rules of the system
Title	Airport Performance Framework
Status	<Validated>
Rationale	This is the reference for doing the KPIs value calculation
Category	<Interoperability>
Validation Method	< Shadow Mode >
Verification Method	

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Retrieve data from the database	N/A
<APPLIES_TO>	<Operational Service>	Monitor Airport Performance Service	N/A

[REQ]

Identifier	REQ-06.06.02-OSED-APMO.0020
Requirement	The Rules Engine shall contain the following, as defined by the Performance Steering Service; The KPI / PDI data label. The input data required to calculate the KPI / PDI. The detailed method to calculate and/or predict additional information elements. The rule for determining whether the 'calculated value' triggers a warning / alert or not. The value against which a warning is created as included in the OSB agreed parameters (i.e.: Current Airport Performance Framework) The value against which an alert is created as included in the OSB agreed parameters (i.e.: Current Airport Performance Framework). What to display for each KPI / PDI (e.g. time, number of movements, etc). Time periods for which the KPI / PDI should be calculated The assigned stakeholders who should receive a given warning or alert message that is produced. The warning and alert codes

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Title	Airport Performance Data
Status	<Validated>
Rationale	The Airport Performance Monitoring Platform shall receive these data for doing the value calculations
Category	<Interoperability>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Calculate values	N/A
<APPLIES_TO>	<Operational Service>	Monitor Airport Performance Service	N/A

[REQ]

Identifier	REQ-06.06.02-OSED-APMO.0030
Requirement	The Airport Performance Monitoring Platform shall be fed with the KPIs/PDIs calculation formula as per the Rules Engine
Title	Rules Engine
Status	<Validated>
Rationale	The ad hoc formula defined by Steer Service are necessary for doing the KPIs calculations
Category	<Design>
Validation Method	< Shadow Mode >
Verification Method	

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Retrieve data from the database	N/A
<APPLIES_TO>	<Operational Service>	Monitor Airport Performance Service	N/A

[REQ]

Identifier	REQ-06.06.02-OSED-APMO.0040
Requirement	The Airport Performance Monitoring Platform shall calculate each KPI / PDI during the timeframe as specified in the Rules Engine (Appendix B)
Title	Rules Engine
Status	<Validated>
Rationale	The periodicity of KPIs value calculation and comparison shall be defined for each one by the Steer Service
Category	<Design>

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Validation Method	< Shadow Mode >
Verification Method	

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES TO>	<Operational Process>	Calculate values	N/A
<APPLIES TO>	<Operational Service>	Monitor Airport Performance Service	N/A

[REQ]

Identifier	REQ-06.06.02-OSED-APMO.0050
Requirement	During the Medium Term Planning Timeframe the Airport Performance Monitoring Platform shall calculate each KPI / PDI on a regular basis. The exact timeframe (weekly, daily, hourly) shall be configurable during implementation
Title	KPI Calculations
Status	<Validated>
Rationale	For producing the values which will be compared
Category	<Functional>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES TO>	<Operational Process>	Calculate values	N/A
<APPLIES_TO>	<Operational Service>	Monitor Airport Performance Service	N/A

[REQ]

Identifier	REQ-06.06.02-OSED-APMO.0060
Requirement	During the Short Term Planning Timeframe the Airport Performance Monitoring Platform shall calculate each KPI / PDI on a regular basis. The exact timeframe (hourly, half-hour, ten minutes) to be configurable during implementation
Title	KPI Calculations
Status	<Validated>
Rationale	For producing the values which will be compared
Category	<Functional>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>

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<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Calculate values	N/A
<APPLIES_TO>	<Operational Service>	Monitor Airport Performance Service	N/A

[REQ]

Identifier	REQ-06.06.02-OSED-APMO.0070
Requirement	During the Execution Timeframe the Airport Performance Monitoring Platform shall periodically calculate each KPIs / PDIs
Title	KPI Calculations
Status	<Validated>
Rationale	For producing the values which will be compared
Category	<Functional>
Validation Method	< Shadow Mode >
Verification Method	

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES TO>	<Operational Process>	Calculate values	N/A
<APPLIES TO>	<Operational Service>	Monitor Airport Performance Service	N/A

[REQ]

Identifier	REQ-06.06.02-OSED-APMO.0080
Requirement	The AOP shall be updated with the latest KPI / PDI values and a timestamp showing when the information was updated (date and time stamp)
Title	Airport Performance Data
Status	<Validated>
Rationale	Record for further analysis, distribution and archiving
Category	<Interoperability>
Validation Method	< Shadow Mode >
Verification Method	

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES TO>	<Operational Process>	Update database	N/A
<APPLIES TO>	<Operational Service>	Monitor Airport Performance Service	N/A

[REQ]

Identifier	REQ-06.06.02-OSED-APMO.0090

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Requirement	The Airport Performance Monitoring Platform shall compare the calculated value and the warning or alert values as per the comparison rules in the Rules Engine (for each KPI)
Title	Rules Engine
Status	<Validated>
Rationale	The gap between reference and actual is the starting point for deciding alert/warning
Category	<Functional>
Validation Method	< Shadow Mode >
Verification Method	

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES TO>	<Operational Process>	Compare value to <rule> alert level	N/A
<APPLIES TO>	<Operational Process>	Compare values to <rule> warning level	N/A
<APPLIES TO>	<Operational Service>	Monitor Airport Performance Service	N/A

[REQ]

Identifier	REQ-06.06.02-OSED-APMO.0100
Requirement	The Airport Performance Monitoring Platform shall periodically compare the calculated value against the warning trigger value (for each KPI)
Title	Rules Engine
Status	<Validated>
Rationale	The gap between reference and actual is the starting point for deciding alert/warning
Category	<Functional>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Compare values to <rule> warning level	N/A
<APPLIES TO>	<Operational Service>	Monitor Airport Performance Service	N/A

[REQ]

Identifier	REQ-06.06.02-OSED-APMO.0110
Requirement	The Airport Performance Monitoring Platform shall periodically compare the calculated value against the alert trigger value (for each KPI)
Title	Rules Engine

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Status	<Validated>
Rationale	The gap between the KPI threshold value and the actual value is the reference for triggering an alert/warning
Category	<Functional>
Validation Method	< Shadow Mode >
Verification Method	

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Compare value to <rule> alert level	N/A
<APPLIES_TO>	<Operational Service>	Monitor Airport Performance Service	N/A

[REQ]

Identifier	REQ-06.06.02-OSED-APMO.0120
Requirement	Publishing rules (e.g. HMI displays for warnings and alerts) shall be defined by Steer Performance Service and fed in the Airport Performance Monitoring Platform
Title	Airport Performance Framework
Status	<Validated>
Rationale	All concerned stakeholders shall be informed
Category	<Design>
Validation Method	< Shadow Mode >
Verification Method	

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Retrieve data from the database	N/A
<APPLIES_TO>	<Operational Service>	Monitor Airport Performance Service	N/A

[REQ]

Identifier	REQ-06.06.02-OSED-APMO.0130
Requirement	The Airport Performance Monitoring Platform shall publish periodically the current KPIs / PDIs
Title	Performance Monitoring
Status	<Validated>
Rationale	All operational data shall be recorded during the operation day
Category	<Functional>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	

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[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Publish value	N/A
<APPLIES_TO>	<Operational Service>	Monitor Airport Performance Service	N/A

[REQ]

Identifier	REQ-06.06.02-OSED-APMO.0140
Requirement	The Airport Performance Monitoring Platform shall publish the current KPIs / PDIs as per the publishing rules applicable, e.g. normal display style, warning display style, alert display style
Title	Performance Monitoring
Status	<Validated>
Rationale	All operational data shall be recorded during the operation day
Category	<HMI>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Publish value	N/A
<APPLIES_TO>	<Operational Service>	Monitor Airport Performance Service	N/A

[REQ]

Identifier	REQ-06.06.02-OSED-APMO.0150
Requirement	The Airport Performance Monitoring Platform Output shall be visual and have both a graphical and a numeric representation
Title	Performance Monitoring HMI
Status	<Validated>
Rationale	All output data shall form the Common Situational Awareness components
Category	<HMI>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Publish value	N/A

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<APPLIES_TO>	<Operational Service>	Monitor Airport Performance Service	N/A

[REQ]

Identifier	REQ-06.06.02-OSED-APMO.0160
Requirement	The Airport Performance Monitoring Platform Output shall start at a high level and allow drill down through the use of filters
Title	Performance Monitoring HMI
Status	<Validated>
Rationale	All output data shall form the Common Situational Awareness components; examples: By runway By terminal By AU By ground handler By flight
Category	<HMI>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Publish value	N/A
<APPLIES_TO>	<Operational Service>	Monitor Airport Performance Service	N/A

[REQ]

Identifier	REQ-06.06.02-OSED-APMO.0170
Requirement	During the medium term planning timeframe the Airport Performance Monitoring Platform Output shall display KPI / PDI information as an operational day display showing forecast values
Title	Performance Monitoring HMI
Status	<Validated>
Rationale	All output data shall form the Common Situational Awareness components
Category	<HMI>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Publish value	N/A
<APPLIES_TO>	<Operational Service>	Monitor Airport Performance Service	N/A

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[REQ]

Identifier	REQ-06.06.02-OSED-APMO.0180
Requirement	During the short term planning timeframe the Airport Performance Monitoring Platform Output shall display KPI / KPD / PDI information as an Operational day display broken down by hour, showing forecast values
Title	Performance Monitoring HMI
Status	<Validated>
Rationale	All output data shall form the Common Situational Awareness components
Category	<HMI>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES TO>	<Operational Process>	Publish value	N/A
<APPLIES TO>	<Operational Service>	Monitor Airport Performance Service	N/A

[REQ]

Identifier	REQ-06.06.02-OSED-APMO.0190
Requirement	During the execution timeframe the Airport Performance Monitoring Platform Output shall display KPI / KPD / PDI information as an Operational day or rolling 24 hour display (configurable by the user) broken down by hour with completed hours showing actual values and future hours showing forecast values
Title	Performance Monitoring HMI
Status	<Validated>
Rationale	All output data shall form the Common Situational Awareness components
Category	<HMI>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Publish value	N/A
<APPLIES_TO>	<Operational Service>	Monitor Airport Performance Service	N/A

[REQ]

Identifier	REQ-06.06.02-OSED-APMO.0200

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Requirement	The Airport Performance Monitoring Platform Output shall standardise the display of warning and alerts applicable to individual Flights. The display shall follow the requirements described in A-CDM
Title	Performance Monitoring HMI
Status	<Validated>
Rationale	All output data shall form the Common Situational Awareness components
Category	<Design>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Publish value indicating alert	N/A
<APPLIES_TO>	<Operational Process>	Publish value indicating warning	N/A
<APPLIES_TO>	<Operational Service>	Monitor Airport Performance Service	N/A

[REQ]

Identifier	REQ-06.06.02-OSED-APMO.0210
Requirement	The Airport Performance Monitoring Platform Output shall include standardised Global (Pan Airport) performance alerts & warnings
Title	Performance Monitoring HMI
Status	<Validated>
Rationale	All output data shall form the Common Situational Awareness components
Category	<Design>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Publish value indicating alert	N/A
<APPLIES_TO>	<Operational Process>	Publish value indicating warning	N/A
<APPLIES_TO>	<Operational Service>	Monitor Airport Performance Service	N/A

[REQ]

Identifier	REQ-06.06.02-OSED-APMO.0230
Requirement	Each Monitoring Airport Performance Observer shall be granted specific access rights to the Performance data including warning & alert data
Title	Security
Status	<Validated>

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Rationale	Warnings and alerts produced by the Airport Performance Monitoring Service will require consideration and/or action by the relevant stakeholders
Category	<Security>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES TO>	<Operational Process>	Publish value indicating alert	N/A
<APPLIES TO>	<Operational Process>	Publish value indicating warning	N/A
<APPLIES TO>	<Operational Service>	Monitor Airport Performance Service	N/A

[REQ]

Identifier	REQ-06.06.02-OSED-APMO.0240
Requirement	The Airport Performance Monitoring Platform Output shall have a Rules Engine
Title	Rules Engine
Status	<Validated>
Rationale	The Rules Engine defines the calculation for Performance Metrics, warnings and alerts
Category	<Design>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES TO>	<Operational Process>	Publish value	N/A
<APPLIES TO>	<Operational Service>	Monitor Airport Performance Service	N/A

[REQ]

Identifier	REQ-06.06.02-OSED-APMO.0250
Requirement	The Airport Performance Monitoring Platform shall calculate AOP elements as described by the Rules Engine
Title	Rules Engine
Status	<Validated>
Rationale	For Performance Monitoring some analysis needs to be done against the 'raw' stakeholder input data in order to determine if a warning or alert needs to be published
Category	<Design>
Validation Method	<Gaming Technique (Agent Based Analysis)>

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Verification Method	

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Calculate values	N/A
<APPLIES_TO>	<Operational Service>	Monitor Airport Performance Service	N/A

[REQ]

Identifier	REQ-06.06.02-OSED-APMO.0260
Requirement	The Airport Performance Monitoring Platform shall contain pre-scripted warning and alert messages for each KPI / PDI against which a warning or alert may be generated
Title	Warning / Alert Message
Status	<Validated>
Rationale	The goal of the Airport Performance Monitoring Service is to provide warnings/alerts to the Airport stakeholders if the performance goes outside of the targeted performance as set by the Airport Performance Steering Service
Category	<Design>
Validation Method	< Shadow Mode >
Verification Method	

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Publish value indicating alert	N/A
<APPLIES_TO>	<Operational Process>	Publish value indicating warning	N/A
<APPLIES_TO>	<Operational Service>	Monitor Airport Performance Service	N/A

[REQ]

Identifier	REQ-06.06.02-OSED-APMO.0270
Requirement	The Airport Performance Monitoring Platform shall be fed with the relevant affected stakeholders for each KPI / PDI as per the Rules Engine
Title	Rules Engine
Status	<Validated>
Rationale	The goal of the Airport Performance Monitoring Service is to provide warnings/alerts to the Airport stakeholders if the performance goes outside of the targeted performance as set by the Airport Performance Steering Service
Category	<Design>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	

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[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES TO>	<Operational Process>	Retrieva data from the database	N/A
<APPLIES TO>	<Operational Service>	Monitor Airport Performance Service	N/A

[REQ]

Identifier	REQ-06.06.02-OSED-APMO.0280
Requirement	The Airport Performance Monitoring Platform shall distribute warning and alert messages to the relevant stakeholders as per the Rules Engine
Title	Distribute Warning / Alert Message
Status	<Validated>
Rationale	The goal of the Airport Performance Monitoring Service is to provide warnings/alerts to the Airport stakeholders if the performance goes outside of the targeted performance as set by the Airport Performance Steering Service
Category	<Functional>
Validation Method	< Shadow Mode >
Verification Method	

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Publish value indicating alert	N/A
<APPLIES TO>	<Operational Process>	Publish value indicating warning	N/A
<APPLIES TO>	<Operational Service>	Monitor Airport Perfomance Service	N/A

[REQ]

Identifier	REQ-06.06.02-OSED-APMO.0290
Requirement	The distributed warning/alert shall include a unique alert identifier (consecutive number)
Title	Distribute Warning / Alert Message
Status	<Validated>
Rationale	This allows and identification of every warning/alert
Category	<Interoperability>
Validation Method	< Shadow Mode >
Verification Method	

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A

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<APPLIES_TO>	<Operational Process>	Publish value indicating alert	N/A
<APPLIES_TO>	<Operational Process>	Publish value indicating warning	N/A

[REQ]

Identifier	REQ-06.06.02-OSED-APMO.0300
Requirement	The distributed warning/alert shall include an alert/warning code/reference (nature of alert from Monitor)
Title	Distribute Warning / Alert Message
Status	<Validated>
Rationale	This code/reference provides the link to the standard message - similar to A-CDM Alert messages
Category	<Interoperability>
Validation Method	< Shadow Mode >
Verification Method	

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Publish value indicating alert	N/A
<APPLIES_TO>	<Operational Process>	Publish value indicating warning	N/A

[REQ]

Identifier	REQ-06.06.02-OSED-APMO.0310
Requirement	The Airport Performance Monitoring Platform shall update the AOP with the calculated Performance Metrics and warning or alert messages when issued
Title	Distribute Warning / Alert Message
Status	<Validated>
Rationale	The goal of the Airport Performance Monitoring Service is to provide warnings/alerts to the Airport stakeholders if the performance goes outside of the targeted performance as set by the Airport Performance Steering Service
Category	<Interoperability>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Update database	N/A
<APPLIES_TO>	<Operational Service>	Monitor Airport Performance Service	N/A

[REQ]

Identifier	REQ-06.06.02-OSED-APMO.0320

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Requirement	The Airport Performance Monitoring Platform shall display the airfield moving map as provided by the A-SMGCS or ANSP system/s
Title	Common Situational Awareness
Status	<Validated>
Rationale	The goal of the Airport Performance Monitoring Service is to provide Airport stakeholders with a common situational awareness
Category	<Interface>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A

[REQ]

Identifier	REQ-06.06.02-OSED-APMO.0330
Requirement	The Airport Performance Monitoring Platform shall display the weather radar map as provided by existing and/or external providers
Title	Common Situational Awareness
Status	<Validated>
Rationale	The goal of the Airport Performance Monitoring Service is to provide Airport stakeholders with a common situational awareness
Category	<Interface>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Publish value	N/A
<APPLIES_TO>	<Operational Service>	Monitor Airport Performance Service	N/A

[REQ]

Identifier	REQ-06.06.02-OSED-APMO.0340
Requirement	The Airport Performance Monitoring Platform shall display the Met forecast HMI as provided by existing and/or external providers
Title	Common Situational Awareness
Status	<Validated>
Rationale	The goal of the Airport Performance Monitoring Service is to provide Airport stakeholders with a common situational awareness
Category	<Interface>

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Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES TO>	<Operational Process>	Publish value	N/A
<APPLIES TO>	<Operational Service>	Monitor Airport Performance Service	N/A

[REQ]

Identifier	REQ-06.06.02-OSED-APMO.0350
Requirement	The Airport Performance Monitoring Platform shall display the sequencing HMI/s as provided by AMAN, DMAN, A-SMGCS or ANSP systems (when available/implemented)
Title	Common Situational Awareness
Status	<Validated>
Rationale	The goal of the Airport Performance Monitoring Service is to provide Airport stakeholders with a common situational awareness
Category	<Interface>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES TO>	<Operational Process>	Publish value	N/A
<APPLIES TO>	<Operational Service>	Monitor Airport Performance Service	N/A

1.1.6 Steer Airport Performance Service

[REQ]

Identifier	REQ-06.05.04-OSED-APSO.0010
Requirement	The Airport Performance Monitoring Platform shall address all KPA's as defined in the Airport Performance Framework (Appendix A)
Title	Airport Performance Framework
Status	<Validated>
Rationale	In order to be able to monitor the airport performance as required by the Airport Performance Steering Boards
Category	<Functional>
Validation Method	< Shadow Mode >
Verification Method	

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[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Agree on high-level steering parameters	N/A
<APPLIES_TO>	<Operational Service>	Steer Airport Performance Service	N/A

[REQ]

Identifier	REQ-06.05.04-OSED-APSO.0020
Requirement	The Airport Performance Monitoring Platform shall include all KPI's as defined in the Airport Performance Framework (Appendix A)
Title	Airport Performance Framework
Status	<Validated>
Rationale	In order to be able to monitor the airport performance as required by the Airport Performance Steering Boards
Category	<Functional>
Validation Method	< Shadow Mode >
Verification Method	

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Agree on high-level steering parameters	N/A
<APPLIES_TO>	<Operational Service>	Steer Airport Performance Service	N/A

[REQ]

Identifier	REQ-06.05.04-OSED-APSO.0030
Requirement	The Airport Performance Monitoring Platform shall include all PDI's as defined in the Airport Performance Framework (Appendix A)
Title	Airport Performance Framework
Status	<Validated>
Rationale	In order to be able to monitor the airport performance as required by the Airport Performance Steering Boards
Category	<Functional>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>

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<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Agree on high-level steering parameters	N/A
<APPLIES_TO>	<Operational Service>	Steer Airport Performance Service	N/A

[REQ]

Identifier	REQ-06.05.04-OSED-APSO.0040
Requirement	The Airport Performance Monitoring Platform shall allow KPI's, PDI's and warning and alert messages to be activated or de-activated as defined in the Airport (Appendix A)
Title	Airport Performance Framework
Status	<Validated>
Rationale	It allows a regular review and updates of the KPIs, PDIs and warnig/alert messages appropriate to the local environment and agreed by airport stakeholders. This also allows OSB to steer the airport performance in an efficient and predictable manner
Category	<Functional>
Validation Method	< Shadow Mode >
Verification Method	

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Agree on high-level steering parameters	N/A
<APPLIES_TO>	<Operational Service>	Steer Airport Performance Service	N/A

[REQ]

Identifier	REQ-06.05.04-OSED-APSO.0050
Requirement	The Airport Performance Monitoring Platform shall include the value against which a warning is created Note: The warning level will be set by the OSB and entered by the ASA following the Steering process. Please refer to the Rules Engine detailled table to show which metrics will be measured against a warning level
Title	Airport Performance Framework
Status	<Validated>
Rationale	In order to be able to monitor the airport performance as required by the Airport Performance Steering Boards
Category	<Functional>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	

[REQ Trace]

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Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Agree on detailed sterring parameters	N/A
<APPLIES_TO>	<Operational Service>	Steer Airport Performance Service	N/A

[REQ]

Identifier	REQ-06.05.04-OSED-APSO.0060
Requirement	The Airport Performance Monitoring Platform shall include the value against which an alert is created Note: The alert level will be set by the OSB and entered by the ASA following the Steering process. Please refer to the Rules Engine detailled table to show which metrics will be measured against an alert level
Title	Airport Performance Framework
Status	<Validated>
Rationale	In order to be able to monitor the airport performance as required by the Airport Performance Steering Boards
Category	<Functional>
Validation Method	< Shadow Mode >
Verification Method	

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES TO>	<Operational Process>	Agree on detailed sterring parameters	N/A
<APPLIES TO>	<Operational Service>	Steer Airport Performance Service	N/A

[REQ]

Identifier	REQ-06.05.04-OSED-APSO.0070
Requirement	The Airport Performance Monitoring Platform (Rules Engine) shall include the contact of the assigned stakeholder for each metric. Warning / alert messages against the specific metric shall be sent to the assigned stakeholder when the process requires such a message to be sent
Title	Airport Performance Framework
Status	<Validated>
Rationale	In order to be able to monitor the airport performance as required by the Airport Performance Steering Boards
Category	<Functional>
Validation Method	< Shadow Mode >
Verification Method	

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[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES TO>	<Operational Process>	Agree on high-level steering parameters	N/A
<APPLIES TO>	<Operational Service>	Steer Airport Performance Service	N/A

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1.1.7 AOP Landside Process Monitoring (ALRT)

[REQ]

Identifier	REQ-06.05.02-OSED-ALRT.4000
Requirement	All stakeholders shall fully integrate into AOP data in order to achieve maximum benefits for its operations and customers
Title	Full integration AOP
Status	<Validated>
Rationale	Without full integration no warnings or alerts can be communicated
Category	<Operational>
Validation Method	<Shadow Mode>
Verification Method	<Inspection>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0082	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Service>	Monitor Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-ALRT.5000
Requirement	Passenger flow shall be monitored through the AOP
Title	AOP Landside Process Monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Shadow Mode>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0082	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Service>	Monitor Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-ALRT.5100
Requirement	Passenger Flow Processing Time from security or border entrance until exit from security or border needs to be continuously measured and monitored.
Title	Monitor queue processing times
Status	<Validated>

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Rationale	With queue monitoring, airports can enhance the chance of passenger making their flight.
Category	<Operational>
Validation Method	<Gaming, Live Trial>
Verification Method	<Inspection>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0082	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES TO>	<Operational Service>	Monitor Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-ALRT.5550
Requirement	The system shall raise the passenger flow surveillance monitor warnings/alarms when the associated pre-condition is met and the threshold is reached
Title	AOP Landside Process Monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	< Shadow Mode >
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0082	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES TO>	<Operational Service>	Monitor Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-ALRT.5551
Requirement	Each warning/alert from the passenger flow surveillance monitor must be allocated to a responsible stakeholder
Title	AOP Landside Process Monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	< Shadow Mode >
Verification Method	<Test>

[REQ Trace]

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Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0082	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Service>	Monitor Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-ALRT.5501
Requirement	The system shall raise a Waiting time alert in queues before border control if baseline+tolerance is exceeded. (tolerance is an adjustable value)
Title	AOP Landside Process Monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0082	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES TO>	<Operational Service>	Monitor Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-ALRT.5503
Requirement	The system shall raise a Waiting time alert in queues before security control if baseline+tolerance is exceeded. (tolerance is an adjustable value)
Title	AOP Landside Process Monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0082	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES TO>	<Operational Service>	Monitor Airport Performance	N/A

[REQ]

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Identifier	REQ-06.05.02-OSED-ALRT.5505
Requirement	The system shall raise a throughput capacity warning at border control if baseline-tolerance of pax/h is lower than demand. (tolerance is an adjustable value)
Title	AOP Landside Process Monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0082	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES TO>	<Operational Service>	Monitor Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-ALRT.5504
Requirement	The system shall raise a throughput capacity warning at security control if baseline-tolerance of pax/h is lower than demand. (tolerance is a adjustable value)
Title	AOP Landside Process Monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0082	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES TO>	<Operational Service>	Monitor Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-ALRT.5506
Requirement	A starting time threshold for monitoring the candidate flight should be defined for all types of aircrafts, considering all parking positions (remote or contact)
Title	AOP Landside Process Monitoring
Status	<Validated>

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Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Shadow Mode>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0082	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Service>	Monitor Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-ALRT.6000
Requirement	Each AOP shall have implemented a passenger tracking monitor
Title	AOP Landside Process Monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	< Shadow Mode >
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0082	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES TO>	<Operational Service>	Monitor Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-ALRT.6100
Requirement	All passengers entering security, border and boarding at the departure gate shall be accounted for, to enable a decision to offload baggage or adjust TOBT.
Title	Account all passengers
Status	<Validated>
Rationale	Decisions can be made only if all passengers are accounted for, either automatically or manually scanning of the barcode on the boarding pass.
Category	<Operational>
Validation Method	<Shadow Mode>
Verification Method	<Inspection>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance

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<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0082	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Service>	Monitor Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-ALRT.6110
Requirement	For each passenger, when passing monitoring points (such as security or border entrance, exit from security or border, arrival or departure gate) a timestamp is recorded and gate arrival time is predicted.
Title	Timestamp each passenger
Status	<Validated>
Rationale	For purpose of trace all passengers need to be timestamped, and their arrival time to the gate predicted, in order to verify if the gate arrival time is compliant with the TOBT.
Category	<Operational>
Validation Method	<Shadow Mode>
Verification Method	<Inspection>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0082	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Service>	Monitor Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-ALRT.6130
Requirement	Passengers with connecting flights between the same or different airlines should be recorded as transfer passengers and accounted for
Title	Transfer Passengers Accounting
Status	<Validated>
Rationale	Passengers changing flights with different airlines, who may choose to temporarily exit the secured airport zone, need to be accounted for, as baggage may already be transferred.
Category	<Operational>
Validation Method	<Shadow Mode>
Verification Method	<Inspection>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0082	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>

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<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Service>	Monitor Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-ALRT.6550
Requirement	The system shall raise the passenger tracking monitor warnings/alarms when the associated pre-condition is met and the threshold is reached.
Title	AOP Landside Process Monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	< Shadow Mode >
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0082	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES TO>	<Operational Service>	Monitor Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-ALRT.6551
Requirement	Each warning/alert from the passenger tracking monitor must be allocated to a responsible stakeholder
Title	AOP Landside Process Monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	< Shadow Mode >
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0082	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES TO>	<Operational Service>	Monitor Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-ALRT.6552
Requirement	An automatic information system shall be put in place in the security zone to display the alarmed flights allowed to use the last minute track

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Title	AOP Landside Process Monitoring
Status	<Validated>
Rationale	Without an automatic information system, the availability and/or need of a last minute track will not be known in the security queue.
Category	<Operational>
Validation Method	< Shadow Mode >
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0082	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Service>	Monitor Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-ALRT.6505
Requirement	The system shall raise a Throughput Tracking Border Warning when percentage of passengers which have passed through border control is less than x% at (TOBT-Time at Gate)-tolerance1. ((TOBT-Time at Gate) value must be set for each airport configuration / gate; tolerance1 is a adjustable value). For x a standard value can be used
Title	AOP Landside Process Monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0082	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Service>	Monitor Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-ALRT.7505
Requirement	The system shall raise a Throughput Tracking Border Alert when percentage of passengers which have passed through border control is less than x% at (TOBT-Time at Gate)-tolerance2. ((TOBT-Time at Gate) value must be set for each airport configuration / gate; tolerance2 is a adjustable value). For x a standard value can be used
Title	AOP Landside Process Monitoring

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Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	< Shadow Mode >
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0082	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES TO>	<Operational Service>	Monitor Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-ALRT.6506
Requirement	The system shall raise a Throughput Tracking Security Warning when percentage of passengers which have passed through border control is less than x% at (TOBT-Time at Gate)-tolerance1. ((TOBT-Time at Gate) value must be set for each airport configuration / gate; tolerance1 is a adjustable value). For x a standard value can be used
Title	AOP Landside Process Monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0082	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES TO>	<Operational Service>	Monitor Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-ALRT.7506
Requirement	The system shall raise a Throughput Tracking Security Alert when percentage of passengers which have passed through border control is less than x% at (TOBT-Time at Gate)-tolerance2. ((TOBT-Time at Gate) value must be set for each airport configuration / gate; tolerance2 is a adjustable value). For x a standard value can be used
Title	AOP Landside Process Monitoring
Status	<Validated>

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Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	< Shadow Mode >
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0082	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Service>	Monitor Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-ALRT.6104
Requirement	The system shall raise a Boarding Monitor Warning when percentage of passengers which have boarded is less than x% at (TOBT-Time at Gate)-tolerance1. ((TOBT-Time at Gate) value must be set for each airport configuration / gate; tolerance1 is a adjustable value). For x a standard value can be used
Title	AOP Landside Process Monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0082	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Service>	Monitor Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-ALRT.7104
Requirement	The system shall raise a Boarding Monitor Alert when percentage of passengers which have boarded is less than x% at (TOBT-Time at Gate)-tolerance2. ((TOBT-Time at Gate) value must be set for each airport configuration / gate; tolerance2 is a adjustable value). For x a standard value can be used
Title	AOP Landside Process Monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>

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Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0082	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES TO>	<Operational Service>	Monitor Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-ALRT.6507
Requirement	The system shall raise a Feeder Warning when de-boarding end later than expected. End of De-boarding time later then minimum walking (passenger transfer) time from arrival gate to departure gate
Title	AOP Landside Process Monitoring
Status	<Validated>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0082	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Service>	Monitor Airport Performance	N/A

1.1.8 MET requirements

1.1.8.1 MET requirements related to Steer Airport Performance

[REQ]

Identifier	REQ-06.05.05-OSED-MET1.0011
Requirement	The Steer Airport Performance Service shall set and adjust on a regular basis MET parameter thresholds for warning generation in the rules engine, advised by a MET Service provider if necessary
Title	Steering the use of MET Parameter: deterministic
Status	<Validated>
Rationale	The Operational Steering Board needs to review and adjust parameter thresholds and HMI Displays on a regular basis (weeks to months).
Category	<Functional>

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Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Inspection>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES TO>	<Operational Process>	Agree on detailed steering parameters	N/A
<APPLIES TO>	<Operational Service>	Steer Airport Performance Service	N/A

[REQ]

Identifier	REQ-06.05.05-OSED-MET1.0012
Requirement	The Steer Airport Performance Service shall set and adjust on a regular basis MET probability thresholds for warning generation, advised by a MET Service provider if necessary
Title	Steering the use of MET Parameter: probabilistic
Status	<Validated>
Rationale	The Operational Steering Board needs to review and adjust parameter thresholds and HMI Displays on a regular basis (weeks to months).
Category	<Functional>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Inspection>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES TO>	<Operational Process>	Agree on detailed steering parameters	N/A
<APPLIES TO>	<Operational Service>	Steer airport performance service	N/A

[REQ]

Identifier	REQ-06.05.05-OSED-MET1.0013
Requirement	The Steer Airport Performance Service shall set and adjust on a regular basis weather parameter thresholds contributing to adverse weather conditions, advised by a MET Service provider if necessary
Title	Definition of Adverse Conditions
Status	<Validated>
Rationale	The Operational Steering Board needs to be able to adjust parameter thresholds on a regular basis (weeks to months). Per default a list of parameters contributing to adverse conditions contains: Precipitation: kind, intensity Thunderstorm / Electrical storm warning Wind speed, direction and gusts Visibility and RVR Ceiling and vertical visibility
Category	<Functional>
Validation Method	<Expert Group (Judgement Analysis)>

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Verification Method	<Inspection>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Agree on detailed steering parameters	N/A
<APPLIES_TO>	<Operational Service>	Steer airport performance service	N/A

[REQ]

Identifier	REQ-06.05.05-OSED-MET1.0030
Requirement	The Steer Airport Performance Service should set and adjust on a regular basis the parameter “electrical storm warning trigger criteria”, advised by a MET Service provider if necessary Note: By default this criteria is first lightning strike detected within a 3nm radius from the airport centre
Title	Steering the parameter Electrical Storm Warning trigger criteria
Status	<Validated>
Rationale	The Operational Steering Board needs to be able to adjust parameter criteria on a regular basis (weeks to months) Former Draft : REQ-06.05.05-OSED-MET1.014
Category	<Functional>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Inspection>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Agree on detailed steering parameters	N/A
<APPLIES_TO>	<Operational Service>	Steer Airport Performance Service	N/A

[REQ]

Identifier	REQ-06.05.05-OSED-MET1.0031
Requirement	The Steer Airport Performance Service should set and adjust on a regular basis the parameter “electrical storm warning end criteria”, advised by a MET Service provider if necessary By default this criteria is no lightning strike detected within a 3nm radius from the airport centre for a period of 10 minutes since the last strike and no immediate lightning activity expected
Title	Steering the parameter Electrical Storm Warning end criteria
Status	<Validated>
Rationale	The Operational Steering Board needs to be able to adjust parameter criteria on a regular basis (weeks to months) Former Draft : REQ-06.05.05-OSED-MET1.014
Category	<Functional>
Validation Method	<Expert Group (Judgement Analysis)>

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Verification Method	<Inspection>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Agree on detailed steering parameters	N/A
<APPLIES_TO>	<Operational Service>	Steer Airport Performance Service	N/A

[REQ]

Identifier	REQ-06.05.05-OSED-MET1.0015
Requirement	The Steer Airport Performance Service shall set and adjust on a regular basis the MET parameters displayed on each stakeholder HMI
Title	General - steering the use of MET Data
Status	<Validated>
Rationale	The Operational Steering Board (or one hierarchy below) needs to be able to adjust the displayed parameters on a regular basis (days to weeks). The individual user shall not be able to adjust the displayed MET parameters him/herself
Category	<Functional>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Inspection>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Agree on detailed steering parameters	N/A
<APPLIES_TO>	<Operational Service>	Steer Airport Performance Service	N/A

[REQ]

Identifier	REQ-06.05.05-OSED-MET1.0016
Requirement	The Steer Airport Performance Service shall set and adjust on a regular basis the time resolution of each MET parameter displayed in each stakeholder HMI, advised by a MET Service provider if necessary
Title	General - steering the use of MET Data
Status	<Validated>
Rationale	The Operational Steering Board needs to be able to adjust parameter on a regular basis (weeks to months)
Category	<Functional>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Inspection>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>

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<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Agree on detailed steering parameters	N/A
<APPLIES_TO>	<Operational Service>	Steer Airport Performance Service	N/A

[REQ]

Identifier	REQ-06.05.05-OSED-MET1.0017
Requirement	The Steer Airport Performance Service shall set and adjust on a regular basis the time span of each MET parameter displayed on each HMI, advised by a MET Service provider if necessary
Title	General - steering the use of MET Data
Status	<Validated>
Rationale	The Operational Steering Board needs to be able to adjust parameter on a regular basis (weeks to months). Time Span means time into the future for which the data item is displayed
Category	<Functional>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Inspection>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Agree on detailed steering parameters	N/A
<APPLIES_TO>	<Operational Service>	Steer Airport Performance Service	N/A

[REQ]

Identifier	REQ-06.05.05-OSED-MET1.0018
Requirement	The Steer Airport Performance Service shall set and adjust on a regular basis the service subscription parameters for the specific MET service, observed and forecast, advised by a MET Service provider if necessary
Title	General - steering the use of MET Data
Status	<Validated>
Rationale	The subscription parameters like update rate, time resolution, spatial resolution, accuracy; quality of service, subscribe, request, etc must be set and adjusted on a regular basis (months to years)
Category	<Functional>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Inspection>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Agree on detailed steering parameters	N/A
<APPLIES_TO>	<Operational Service>	Steer Airport Performance Service	N/A

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[REQ]

Identifier	REQ-06.05.05-OSED-MET1.0019
Requirement	The Steer Airport Performance Service shall set and adjust on a regular basis all MET parameter thresholds for de-icing (temperature, dew point temperature, precipitation, freezing fog) conditions, advised by a MET Service provider if necessary
Title	Derived - De Icing Conditions
Status	<Validated>
Rationale	This is a subset of the adverse condition requirement. The Operational Steering Board shall be able to adjust parameter thresholds on a regular basis (weeks to months)
Category	<Functional>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Inspection>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES TO>	<Operational Process>	Agree on detailed steering parameters	N/A
<APPLIES TO>	<Operational Service>	Steer Airport Performance Service	N/A

[REQ]

Identifier	REQ-06.05.05-OSED-MET1.0021
Requirement	The Steer Airport Performance Service shall set and adjust (after consultation with the Met provider) the subscription criteria for the airport for each service contract for the supply of MET data. This subscription has to include as a minimum the spatial area, time horizon, and Quality of Service
Title	Met Data provision
Status	<Validated>
Rationale	The different aspects of the MET data will have completely different Quality of Service and time horizon criteria which will have to be set by the SAP. The time horizon shall at least reach from observation to 48 hours in the future. From +48h onward The AOP should be provided with a reduced set of MET data in reduced resolution covering the first part of the medium term planning phase as defined and adjusted by the Steer Airport Performance Service.Operational Steering Board shall be able to adjust the time span on a regular basis (months to years)
Category	<Metadata>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Analysis>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A

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<APPLIES_TO>	<Operational Process>	Agree on detailed steering parameters	N/A
<APPLIES_TO>	<Operational Service>	Steer Airport Performance Service	N/A

[REQ]

Identifier	REQ-06.05.05-OSED-MET1.0022
Requirement	The Steer Airport Performance Service shall set and adjust on a regular basis the time resolution of the provided MET forecast data. Per default it should be 1 value per hour up to 6h in the future and 1 value per 3h afterwards.; All with respect to the physical and technological restrictions of the element, advised by a MET Service provider if necessary
Title	Met Data provision
Status	<Validated>
Rationale	The Operational Steering Board shall be able to adjust the time resolution on a regular basis (months to years)
Category	<Metadata>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Analysis>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Agree on detailed steering parameters	N/A
<APPLIES_TO>	<Operational Service>	Steer Airport Performance Service	N/A

[REQ]

Identifier	REQ-06.05.05-OSED-MET1.0023
Requirement	The Steer Airport Performance service shall, in cooperation with a Met service provider, define and adjust areas around the airport where probabilistic thunderstorm forecasts are provided by the Met service provider
Title	MET-Parameter: Thunderstorm probability areas around Airport
Status	<Validated>
Rationale	Critical MET Forecast
Category	<Metadata>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Analysis>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Agree on detailed steering parameters	N/A
<APPLIES_TO>	<Operational Service>	Steer Airport Performance Service	N/A

[REQ]

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Identifier	REQ-06.05.05-OSED-MET1.3035
Requirement	The Steer Airport Performance Service shall set and adjust areas in and around the airport (per default sectors within the TMA) for which Probabilistic Thunderstorm Area Forecasts are provided
Title	Probabilistic Thunderstorm area forecast setup by steering
Status	<Validated>
Rationale	Steer Airport Performance service shall define for which area a probabilistic Thunderstorm forecast shall be provided. Council by MET SP is suggested
Category	<Functional>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Inspection>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Agree on detailed steering parameters	N/A
<APPLIES TO>	<Operational Service>	Steer Airport Performance Service	N/A

1.1.8.2 MET requirements related to Monitor Airport Performance

[REQ]

Identifier	REQ-06.05.05-OSED-MET1.0024
Requirement	The Rules Engine shall automatically generate alerts and warnings for all MET parameter thresholds set by the Steer Airport Performance Service
Title	Rules Engine with MET data
Status	<Validated>
Rationale	The automatic monitoring of the MET data is performed by the monitor airport performance process using the rules engine
Category	<Functional>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Publish value indicating alert	N/A
<APPLIES_TO>	<Operational Process>	Publish value indicating warning	N/A
<APPLIES TO>	<Operational Service>	Monitor airport performance service	N/A

[REQ]

Identifier	REQ-06.05.05-OSED-MET1.0032
Requirement	The MET Service Provider shall have the ability to manually override the MET alerts and warnings generated by the rules engine. These overrides have to be marked/labelled as such
Title	METSP overrides Rules Engine Alerts and warnings

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Status	<Validated>
Rationale	The METSP needs to have the ability to correct alerts and warnings if the automatic systems fail to provide accurate data. This is especially true for forecast data, where the MET SP might recognize developments which an automated system cannot comprehend thus far
Category	<Functional>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Analyse Alert	N/A
<APPLIES_TO>	<Operational Service>	Monitor airport performance service	N/A

1.1.8.3 MET requirements related to Perform Post Operation Analysis Service

[REQ]

Identifier	REQ-06.05.05-OSED-MET1.0025
Requirement	Where Met Data is retained locally for post operation analysis, the retention time shall be set and adjusted by the Airport Steering Service
Title	Steering the use of MET Data in Post ops
Status	<Validated>
Rationale	Retention time determines how much data needs to be recorded. This shall be set by the Steer Airport Performance Service
Category	<Functional>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Inspection>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Agreed on detailed parameters	N/A
<APPLIES_TO>	<Operational Service>	Steer airport performance service	N/A

[REQ]

Identifier	REQ-06.05.05-OSED-MET1.0026

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Requirement	The post operations analysis service shall have access to the following MET data to be able to recreate the MET situation and perform post operational analysis: ICAO Annex 3 compliant products (METAR, MET REPORT, TREND, TAF, Aerodrome Warnings) Wind (speed, gust and direction; obs & fcst) Visibility and RVR (obs & fcst) Significant weather (Precipitation, Thunderstorm, obs & fcst) Other Present weather (obs & fcst) Clouds and vertical visibility (obs & fcst) Atmospheric pressure (obs & fcst) Air Temperature (obs & fcst) Dew point temperature (obs & fcst) Adverse weather conditons (obs & fcst) De-icing conditions (obs & fcst) Thunderstorm, electric storm warning (obs & fcst)
Title	Steering the Content of MET Data in Post ops
Status	<Validated>
Rationale	Retention time determines how much data needs to be recorded. This shall be set by the Steer Airport Performance Service
Category	<Functional>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Inspection>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES TO>	<Operational Process>	Record Airport Performance Data	N/A
<APPLIES TO>	<Operational Service>	Perform Post Operations Analysis	N/A

[REQ]

Identifier	REQ-06.05.05-OSED-MET1.0027
Requirement	The post operations analysis service shall be able to recreate the observed meteorological situation at the airport with a granularity of 30 minutes
Title	Granularity of observed MET Data in Post ops
Status	<Validated>
Rationale	Acknowledging need for restricting the amount of data to be stored, a granularity of 30 min allows an adequate recreation of the observed MET situation
Category	<Functional>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Inspection>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>

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<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Record Airport Performance Data	N/A
<APPLIES_TO>	<Operational Service>	Perform Post Operations Analysis	N/A

[REQ]

Identifier	REQ-06.05.05-OSED-MET1.0028
Requirement	The post operations analysis service shall be able to recreate the forecasted meteorological situation at the airport at any time in the past (with 30 minutes accuracy) within the storage time span. Note: The time horizon of the archived forecast data shall at least be 6 hours into the future and the time resolution shall be the original resolution of the forecast
Title	Granularity of forecasted MET Data in Post ops
Status	<Validated>
Rationale	Acknowledging need for restricting the amount of data to be stored, a granularity of 30 min and a horizon of 6 hours into the future allows an adequate recreation of the forecasted MET situation
Category	<Functional>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Inspection>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Record Airport Performance Data	N/A
<APPLIES_TO>	<Operational Service>	Perform Post Operations Analysis	N/A

[REQ]

Identifier	REQ-06.05.05-OSED-MET1.0029
Requirement	The post operations analysis service shall be able to request a case analysis directly from the MET service provider if the saved MET data does not suffice to recreate the specific situation accordingly
Title	MET Case Analysis request in Post ops
Status	<Validated>
Rationale	The post ops need to be able to get a case analysis from the MET SP if the stored MET data does not suffice to recreate the situation and an urgent need is given
Category	<Functional>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Inspection>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>

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<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Record Airport Performance Data	N/A
<APPLIES_TO>	<Operational Service>	Perform Post Operations Analysis	N/A

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1.1.8.4 Regulation/General Requirements

[REQ]

Identifier	REQ-06.05.05-OSED-MET1.0001
Requirement	As a minimum requirement, airports shall use meteorological services compliant with ICAO Annex 3 to the Convention on International Civil Aviation: "Meteorological Service for International Air Navigation (17th Edition) AMD 76"
Title	Compliance with ICAO Annex 3
Status	<Validated>
Rationale	MET Services should provide data well beyond ICAO Annex 3 to satisfy user needs. But all MET Services must be compliant with ICAO Annex 3 as a minimum requirement
Category	<Operational>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Inspection>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>

[REQ

Identifier	REQ-06.05.05-OSED-MET1.3033
Requirement	The Airport Stakeholder shall have the capability to contact the MET-SP directly for briefing in case of doubt or need of further consultation
Title	Contact to MET SP
Status	<Validated>
Rationale	Need for direct Interaction with MET-SP aiming to solve imminent questions when information of automated systems does not suffice to make decision was recognised
Category	<Operational>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Inspection>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>

[REQ

Identifier	REQ-06.05.05-OSED-MET1.3034
Requirement	The stakeholders shall be educated recurringly about the capabilities and limitations of the MET data at hand
Title	Recurring user training
Status	<Validated>
Rationale	The users need more and updated information how to handle the specific MET data and where its limitaions are

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Category	<Operational>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Inspection>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>

1.1.8.5 Data Provision

[REQ]

Identifier	REQ-06.05.05-OSED-MET1.0003
Requirement	The AOP shall be provided with actual METAR information of the airport
Title	METAR provision
Status	<Validated>
Rationale	The user expressed the need to see the coded information as well
Category	<Operational>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Inspection>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A

[REQ]

Identifier	REQ-06.05.05-OSED-MET1.0004
Requirement	The AOP shall be provided with actual MET REPORT Information of the airport
Title	MET REPORT provision
Status	<Validated>
Rationale	The user expressed the need to see the coded information as well
Category	<Operational>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Inspection>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A

[REQ]

Identifier	REQ-06.05.05-OSED-MET1.0005
Requirement	The AOP shall be provided with actual TAF information of the airport

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Title	TAF provision
Status	<Validated>
Rationale	The user expressed the need to see the coded information as well
Category	<Operational>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Inspection>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>

[REQ]

Identifier	REQ-06.05.05-OSED-MET1.0006
Requirement	The AOP shall be provided with actual TREND information of the airport
Title	TREND provision
Status	<Validated>
Rationale	The user expressed the need to see the coded information as well
Category	<Operational>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Inspection>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>

[REQ]

Identifier	REQ-06.05.05-OSED-MET1.0007
Requirement	The AOP shall be provided with actual Airport Warning information
Title	General - Compliance of Requirements with ICAO regulations
Status	<Validated>
Rationale	The user expressed the need to see the coded information as well
Category	<Operational>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Inspection>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>

[REQ]

Identifier	REQ-06.05.05-OSED-MET1.0008

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Requirement	The AOP shall be provided with actual SNOWTAM information of the airport
Title	General - Compliance of Requirements with ICAO regulations
Status	<Validated>
Rationale	Critical Met data
Category	<Metadata>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Analysis>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>

[REQ]

Identifier	REQ-06.05.05-OSED-MET1.3101
Requirement	The reduced set of MET data from +48h onwards shall at least comprise the elements: wind, temperature, precipitation and a level of confidence therefore; furthermore probabilities for adverse conditions
Title	MET Data elements after +48h
Status	<Validated>
Rationale	Definition which elements shall be provided after +48h. Partly successor of REQ-06.05.05.-OSED-MET.0010
Category	<Functional>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Inspection>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>

1.1.8.6 MET Parameters: direct meteorological parameters

[REQ]

Identifier	REQ-06.05.05-OSED-MET2.0001
Requirement	The AOP shall be provided with actual Cloud Base height at the airport
Title	MET-Parameter: Cloud Base actual
Status	<Validated>
Rationale	Critical MET-Parameter
Category	<Metadata>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Analysis>

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[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>

[REQ]

Identifier	REQ-06.05.05-OSED-MET2.0002
Requirement	The AOP shall be provided with predicted Cloud Base height at the airport
Title	MET-Parameter: Cloud Base predicted
Status	<Validated>
Rationale	Critical MET-Parameter
Category	<Metadata>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Analysis>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>

[REQ]

Identifier	REQ-06.05.05-OSED-MET2.0003
Requirement	The AOP shall be provided with actual ceiling or vertical visibility information at the airport
Title	MET-Parameter: Ceiling actual
Status	<Validated>
Rationale	Critical MET-Parameter
Category	<Metadata>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Analysis>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>

[REQ]

Identifier	REQ-06.05.05-OSED-MET2.0004
Requirement	The AOP shall be provided with predicted ceiling or vertical visibility information at the airport
Title	MET-Parameter: Ceiling predicted
Status	<Validated>
Rationale	Critical MET-Parameter
Category	<Metadata>
Validation Method	<Expert Group (Judgement Analysis)>

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Verification Method	<Analysis>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>

[REQ]

Identifier	REQ-06.05.05-OSED-MET2.0005
Requirement	The AOP shall be provided with probabilities for predicted height of ceiling or vertical visibility at the airport above/below thresholds set by the Steer Airport Performance Service
Title	MET-Parameter: Ceiling probability
Status	<Validated>
Rationale	Critical MET-Parameter
Category	<Metadata>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Analysis>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>

[REQ]

Identifier	REQ-06.05.05-OSED-MET2.0006
Requirement	The AOP shall be provided with total predicted cloud amount in octets
Title	MET-Parameter: Cloud amount
Status	<Validated>
Rationale	Critical MET-Parameter
Category	<Metadata>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Analysis>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>

[REQ]

Identifier	REQ-06.05.05-OSED-MET2.0007
Requirement	The AOP shall be provided with total actual cloud amount
Title	MET-Parameter: Cloud amount
Status	<Validated>
Rationale	Critical MET-Parameter

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Category	<Metadata>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Analysis>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>

[REQ]

Identifier	REQ-06.05.05-OSED-MET2.0008
Requirement	The AOP shall be provided with the actual mean surface wind direction and variation thereof
Title	MET-Parameter: Surface wind direction actuals
Status	<Validated>
Rationale	Critical MET-Parameter including variation to be ICAO compliant
Category	<Metadata>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Analysis>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>

[REQ]

Identifier	REQ-06.05.05-OSED-MET2.0009
Requirement	The AOP shall be provided with predicted mean surface wind direction and variation thereof
Title	MET-Parameter: Surface wind direction forecast
Status	<Validated>
Rationale	Critical MET-Parameter including variation to be ICAO compliant
Category	<Metadata>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Analysis>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>

[REQ]

Identifier	REQ-06.05.05-OSED-MET2.0010
Requirement	The AOP shall be provided with surface wind direction probability distribution forecasts for the 8 main surface wind direction classes (N,NE,E,SE,S,SW,W,NW)

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Title	MET-Parameter: Surface wind direction probability
Status	<Validated>
Rationale	Critical MET-Parameter: the main consumer of these data is DCB
Category	<Metadata>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Analysis>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>

[REQ]

Identifier	REQ-06.05.05-OSED-MET2.0011
Requirement	The AOP shall be provided with the actual mean surface wind speed
Title	MET-Parameter: Surface wind speed actuals
Status	<Validated>
Rationale	Critical MET-Parameter
Category	<Metadata>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Analysis>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>

[REQ]

Identifier	REQ-06.05.05-OSED-MET2.0012
Requirement	The AOP shall be provided with actual surface wind gust
Title	MET-Parameter: Surface wind gust actuals
Status	<Validated>
Rationale	Critical MET-Parameter
Category	<Metadata>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Analysis>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>

[REQ]

Identifier	REQ-06.05.05-OSED-MET2.0013

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Requirement	The AOP shall be provided with the predicted mean surface wind speed
Title	MET-Parameter: Surface wind speed forecast
Status	<Validated>
Rationale	Critical MET-Parameter
Category	<Metadata>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Analysis>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>

[REQ]

Identifier	REQ-06.05.05-OSED-MET2.0014
Requirement	The AOP shall be provided with predicted surface wind gusts
Title	MET-Parameter: Surface wind gust forecast
Status	<Validated>
Rationale	Critical MET-Parameter
Category	<Metadata>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Analysis>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>

[REQ]

Identifier	REQ-06.05.05-OSED-MET2.0015
Requirement	The AOP shall be provided with probabilities for predicted surface wind speed above/below thresholds set by the steer airport performance service
Title	MET-Parameter: Surface wind speed probability
Status	<Validated>
Rationale	Probability of surpassing thresholds of critical MET-Parameter
Category	<Metadata>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Analysis>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>

[REQ]

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Identifier	REQ-06.05.05-OSED-MET2.0016
Requirement	The AOP shall be provided with actual cross wind speed component and gust for all runway directions
Title	MET-Parameter: Cross wind speed actuals
Status	<Validated>
Rationale	Critical MET-Parameter
Category	<Metadata>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Analysis>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>

[REQ]

Identifier	REQ-06.05.05-OSED-MET2.0017
Requirement	The AOP shall be provided with predicted cross wind component and gust for all runway directions
Title	MET-Parameter: Cross wind speed forecast
Status	<Validated>
Rationale	Critical MET-Parameter
Category	<Metadata>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Analysis>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>

[REQ]

Identifier	REQ-06.05.05-OSED-MET2.0018
Requirement	The AOP shall be provided with probabilities for cross wind component for all runway directions above/below thresholds set by the steer airport performance service
Title	MET-Parameter: Cross wind speed probability
Status	<Validated>
Rationale	Probability of surpassing thresholds of critical MET-Parameter
Category	<Metadata>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Analysis>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance

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<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>

[REQ]

Identifier	REQ-06.05.05-OSED-MET2.0019
Requirement	The AOP shall be provided with actual head wind component and gust for all airport runway directions
Title	MET-Parameter: Head wind speed actuals
Status	<Validated>
Rationale	Critical MET-Parameter
Category	<Metadata>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Analysis>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>

[REQ]

Identifier	REQ-06.05.05-OSED-MET2.0020
Requirement	The AOP shall be provided with predicted head wind component for all runway directions
Title	MET-Parameter: Head wind speed forecast
Status	<Validated>
Rationale	Critical MET-Parameter
Category	<Metadata>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Analysis>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>

[REQ]

Identifier	REQ-06.05.05-OSED-MET2.0021
Requirement	The AOP shall be provided with probabilities for head wind speed for all runway directions above/below thresholds set by the steer airport performance service
Title	MET-Parameter: Head wind speed probability
Status	<Validated>
Rationale	Probability of surpassing thresholds of critical MET-Parameter
Category	<Metadata>
Validation Method	<Expert Group (Judgement Analysis)>

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Verification Method	<Analysis>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>

[REQ]

Identifier	REQ-06.05.05-OSED-MET2.0022
Requirement	The AOP shall be provided with actual winds aloft: mean wind speed in 500 ft intervals up to 2000 ft above ground level, and in 1000 ft intervals above up to 5000 ft above ground level
Title	MET-Parameter: winds aloft speed actuals
Status	<Validated>
Rationale	Critical MET-Parameter: the main consumer of these data is DCB
Category	<Metadata>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Analysis>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>

[REQ]

Identifier	REQ-06.05.05-OSED-MET2.0023
Requirement	The AOP shall be provided with predicted winds aloft: mean wind speed in 500 ft intervals up to 2000 ft above ground level, and in 1000 ft intervals above up to 5000 ft above ground level
Title	MET-Parameter: winds aloft speed forecast
Status	<Validated>
Rationale	Critical MET-Parameter: the main consumer of these data is DCB
Category	<Metadata>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Analysis>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>

[REQ]

Identifier	REQ-06.05.05-OSED-MET2.0024
Requirement	The AOP shall be provided with actual winds aloft: mean wind direction in 500 ft intervals up to 2000 ft above ground level, and in 1000 ft intervals above up to 5000 ft above ground level

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Title	MET-Parameter: winds aloft direction actuals
Status	<Validated>
Rationale	Critical MET-Parameter: the main consumer of these data is DCB
Category	<Metadata>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Analysis>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>

[REQ]

Identifier	REQ-06.05.05-OSED-MET2.0025
Requirement	The AOP shall be provided with predicted winds aloft: mean wind direction in 500 ft intervals up to 2000 ft above ground level, and in 1000 ft intervals above up to 5000 ft above ground level
Title	MET-Parameter: winds aloft direction forecast
Status	<Validated>
Rationale	Critical MET-Parameter: the main consumer of these data is DCB
Category	<Metadata>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Analysis>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>

[REQ]

Identifier	REQ-06.05.05-OSED-MET2.0026
Requirement	The AOP shall be provided with probabilistic winds aloft forecast: probability distribution in classes of 5 KT in 1000 ft intervals up to 5000 ft above ground level
Title	MET-Parameter: winds aloft speed probability distribution
Status	<Validated>
Rationale	: he main consumer of these data is DCB. In case of problems with amount of data, reduction to classes of 10 KT possible. Upper limit 120 KT
Category	<Metadata>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Analysis>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>

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[REQ]

Identifier	REQ-06.05.05-OSED-MET2.0027
Requirement	The AOP shall be provided with probabilistic winds aloft forecast: probability distribution for predicted wind direction within the 8 main direction classes (N,NE,E,SE,S,SW,W,NW) in 1000 ft intervals up to 5000 ft above ground level
Title	MET-Parameter: winds aloft direction probability
Status	<Validated>
Rationale	For DCB calculations: the main consumer of these data is DCB
Category	<Metadata>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Analysis>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>

[REQ]

Identifier	REQ-06.05.05-OSED-MET2.0028
Requirement	The AOP shall be provided with actual QFE associated with the airport
Title	MET-Parameter: QFE actuals
Status	<Validated>
Rationale	Critical MET-Parameter
Category	<Metadata>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Analysis>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>

[REQ]

Identifier	REQ-06.05.05-OSED-MET2.0029
Requirement	The AOP shall be provided with predicted QFE associated with the airport
Title	MET-Parameter: QFE forecast
Status	<Validated>
Rationale	Critical MET-Parameter
Category	<Metadata>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Analysis>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance

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<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>

[REQ]

Identifier	REQ-06.05.05-OSED-MET2.0031
Requirement	The AOP shall be provided with actual QNH for the area containing the airport
Title	MET-Parameter: QNH actuals
Status	<Validated>
Rationale	Critical MET-Parameter
Category	<Metadata>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Analysis>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>

[REQ]

Identifier	REQ-06.05.05-OSED-MET2.0033
Requirement	The AOP shall be provided with predicted QNH for the area containing the airport
Title	MET-Parameter: QNH forecast
Status	<Validated>
Rationale	Critical MET-Parameter
Category	<Metadata>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Analysis>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>

[REQ]

Identifier	REQ-06.05.05-OSED-MET2.0034
Requirement	The AOP shall be provided with actual visibility
Title	MET-Parameter: MET VIS actuals
Status	<Validated>
Rationale	Critical MET-Parameter
Category	<Metadata>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Analysis>

[REQ Trace]

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Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>

[REQ]

Identifier	REQ-06.05.05-OSED-MET2.0035
Requirement	The AOP shall be provided with predicted visibility
Title	MET-Parameter: MET VIS forecast
Status	<Validated>
Rationale	Critical MET-Parameter
Category	<Metadata>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Analysis>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>

[REQ]

Identifier	REQ-06.05.05-OSED-MET2.0036
Requirement	The AOP shall be provided with probabilities for predicted visibility above/below thresholds set by the steer airport process
Title	MET-Parameter: MET VIS forecast
Status	<Validated>
Rationale	Probability of surpassing thresholds of critical MET-Parameter
Category	<Metadata>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Analysis>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>

[REQ]

Identifier	REQ-06.05.05-OSED-MET2.0037
Requirement	The AOP shall be provided with all actual RVR for each runway
Title	MET-Parameter: RVR actuals
Status	<Validated>
Rationale	Critical MET-Parameter
Category	<Metadata>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Analysis>

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[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>

[REQ]

Identifier	REQ-06.05.05-OSED-MET2.0038
Requirement	The AOP shall be provided with predicted RVR for each runway direction
Title	MET-Parameter: RVR forecast
Status	<Validated>
Rationale	Critical MET-Parameter
Category	<Metadata>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Analysis>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>

[REQ]

Identifier	REQ-06.05.05-OSED-MET2.0039
Requirement	The AOP shall be provided with probabilities for predicted RVR above/below thresholds set by the Steer Airport Performance Service
Title	MET-Parameter: RVR probabilities
Status	<Validated>
Rationale	Probability of surpassing thresholds of critical MET-Parameter
Category	<Metadata>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Analysis>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>

[REQ]

Identifier	REQ-06.05.05-OSED-MET2.0040
Requirement	The AOP shall be provided with the actual mean 2m Temperature
Title	MET-Parameter: Air Temperature actuals
Status	<Validated>
Rationale	Critical MET-Parameter
Category	<Metadata>
Validation Method	<Expert Group (Judgement Analysis)>

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Verification Method	<Analysis>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>

[REQ]

Identifier	REQ-06.05.05-OSED-MET2.0041
Requirement	The AOP shall be provided with the predicted mean 2m Temperature
Title	MET-Parameter: Air Temperature forecast
Status	<Validated>
Rationale	Critical MET-Parameter
Category	<Metadata>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Analysis>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>

[REQ]

Identifier	REQ-06.05.05-OSED-MET2.0042
Requirement	The AOP shall be provided with probabilities for predicted 2m temperature above/below thresholds set by the Steer Airport Performance Service
Title	MET-Parameter: Air Temperature probabilities
Status	<Validated>
Rationale	Probability of surpassing thresholds of critical MET-Parameter
Category	<Metadata>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Analysis>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>

[REQ]

Identifier	REQ-06.05.05-OSED-MET2.0044
Requirement	The AOP shall be provided with the actual mean Dew Point Temperature
Title	MET-Parameter: Dew Point Temperature actuals
Status	<Validated>
Rationale	Critical MET-Parameter

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Category	<Metadata>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Analysis>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>

[REQ]

Identifier	REQ-06.05.05-OSED-MET2.0045
Requirement	The AOP shall be provided with the predicted Dew Point Temperature
Title	MET-Parameter: Dew Point Temperature forecast
Status	<Validated>
Rationale	Critical MET-Parameter
Category	<Metadata>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Analysis>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>

[REQ]

Identifier	REQ-06.05.05-OSED-MET2.0046
Requirement	The AOP shall be provided with probabilities for predicted dew point temperature above/below thresholds set by the Steer Airport Performance Service
Title	MET-Parameter: Dew Point probabilities
Status	<Validated>
Rationale	Probability of surpassing thresholds of critical MET-Parameter
Category	<Metadata>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Analysis>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>

[REQ]

Identifier	REQ-06.05.05-OSED-MET2.0048
Requirement	The AOP shall be provided with the actual Surface Temperature on all Touch Down Zones
Title	MET-Parameter: Surface Temperature actuals

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Status	<Validated>
Rationale	Critical MET-Parameter
Category	<Metadata>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Analysis>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>

[REQ]

Identifier	REQ-06.05.05-OSED-MET2.0049
Requirement	The AOP shall be provided with the at least one predicted Surface Temperature representing the runways
Title	MET-Parameter: Surface Temperature forecast
Status	<Validated>
Rationale	Critical MET-Parameter
Category	<Metadata>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Analysis>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>

[REQ]

Identifier	REQ-06.05.05-OSED-MET2.0050
Requirement	The AOP shall be provided with probabilities for predicted Surface temperature above/below thresholds set by the Steer Airport Performance Service
Title	MET-Parameter Dew Point probabilities
Status	<Validated>
Rationale	Probability of surpassing thresholds of critical MET-Parameter
Category	<Metadata>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Analysis>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>

[REQ]

Identifier	REQ-06.05.05-OSED-MET2.0052

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Requirement	The AOP shall be provided with the actual relative Humidity
Title	MET-Parameter: relative Humidity actuals
Status	<Validated>
Rationale	Critical MET-Parameter
Category	<Metadata>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Analysis>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>

[REQ]

Identifier	REQ-06.05.05-OSED-MET2.0053
Requirement	The AOP shall be provided with the predicted relative Humidity
Title	MET-Parameter: relative Humidity forecast
Status	<Validated>
Rationale	Critical MET-Parameter
Category	<Metadata>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Analysis>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>

[REQ]

Identifier	REQ-06.05.05-OSED-MET2.0054
Requirement	The AOP shall be provided with probabilities for predicted relative Humidity above/below thresholds set by the Steer Airport Performance Service
Title	MET-Parameter: relative Humidity probabilities
Status	<Validated>
Rationale	Probability of surpassing thresholds of critical MET-Parameter
Category	<Metadata>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Analysis>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>

[REQ]

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Identifier	REQ-06.05.05-OSED-MET2.0055
Requirement	The AOP shall be provided with actual precipitation observations, including type of precipitation [rain, snow, freezing rain, showers…] and qualitative intensity of precipitation [light/moderate/heavy]
Title	MET-Parameter: Precipitation Observation
Status	<Validated>
Rationale	Critical MET-Parameter
Category	<Metadata>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Analysis>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>

[REQ]

Identifier	REQ-06.05.05-OSED-MET2.0056
Requirement	The AOP should be provided additionally with actual quantitative precipitation intensity in [mm/h] where available
Title	MET-Parameter: Precipitation Observation
Status	<Validated>
Rationale	Critical MET-Parameter
Category	<Metadata>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Analysis>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>

[REQ]

Identifier	REQ-06.05.05-OSED-MET2.0057
Requirement	The AOP shall be provided with predicted precipitation values, including type of precipitation [rain, snow, freezing rain, showers…], qualitative intensity of precipitation [light/moderate/heavy], time of begin and duration of precipitation [hh:mm],and amount of precipitation [mm]/amount of snow[cm]
Title	MET-Parameter: Precipitation Forecast
Status	<Validated>
Rationale	Critical MET-Parameter
Category	<Metadata>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Analysis>

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[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>

[REQ]

Identifier	REQ-06.05.05-OSED-MET2.0058
Requirement	The AOP should be provided additionally with predicted quantitative precipitation intensity in [mm/h]
Title	MET-Parameter: Precipitation Intensity Forecast
Status	<Validated>
Rationale	Critical MET-Parameter
Category	<Metadata>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Analysis>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>

[REQ]

Identifier	REQ-06.05.05-OSED-MET2.0059
Requirement	The AOP shall be provided with probability of occurrence of liquid precipitation
Title	MET-Parameter: Precipitation Probability forecast liquid
Status	<Validated>
Rationale	Critical MET-Parameter
Category	<Metadata>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Analysis>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>

[REQ]

Identifier	REQ-06.05.05-OSED-MET2.0060
Requirement	The AOP shall be provided with probability of occurrence of snowfall
Title	MET-Parameter: Precipitation Probability forecast snow
Status	<Validated>
Rationale	Critical MET-Parameter
Category	<Metadata>
Validation Method	<Expert Group (Judgement Analysis)>

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Verification Method	<Analysis>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>

[REQ]

Identifier	REQ-06.05.05-OSED-MET2.0062
Requirement	The AOP shall be provided with probabilities for predicted precipitation intensity above/below thresholds set by the Steer Airport Performance Service
Title	MET-Parameter: Precipitation Intensity Probability
Status	<Validated>
Rationale	Critical MET-Parameter
Category	<Metadata>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Analysis>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>

[REQ]

Identifier	REQ-06.05.05-OSED-MET2.0063
Requirement	The AOP shall be provided with probabilities for predicted precipitation amount above/below thresholds (precipitation amount and probability level)set by the Steer Airport Performance Service
Title	MET-Parameter: Precipitation amount Probability
Status	<Validated>
Rationale	2 thresholds: Steer airport performance has to set the probability level threshold and the precipitation amount threshold
Category	<Metadata>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Analysis>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>

[REQ]

Identifier	REQ-06.05.05-OSED-MET2.0064
Requirement	The AOP shall be provided with probabilities for predicted snowfall amount above/below thresholds (snowfall amount and probability level) set by the Steer Airport Performance Service

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Title	MET-Parameter: Snowfall amount Probability
Status	<Validated>
Rationale	2 thresholds: Steer airport performance has to set the probability level threshold and the snowfall amount threshold
Category	<Metadata>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Analysis>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>

[REQ]

Identifier	REQ-06.05.05-OSED-MET2.0065
Requirement	The AOP shall be provided with actual thunderstorm/CB cell activity/lightning data within a locally defined area (default value 120 miles radius around the airport)
Title	MET-Parameter: Thunderstorm actuals
Status	<Validated>
Rationale	Not only graphical but also textual description of thunderstorm activity is required
Category	<Metadata>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Analysis>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>

[REQ]

Identifier	REQ-06.05.05-OSED-MET2.0066
Requirement	The AOP shall be provided with predicted thunderstorm/CB cell activity/lightning data within a locally defined area (default value 120 miles radius around the airport).
Title	MET-Parameter: Thunderstorm forecast
Status	<Validated>
Rationale	Not only graphical but also textual description of thunderstorm activity is required
Category	<Metadata>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Analysis>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>

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[REQ]

Identifier	REQ-06.05.05-OSED-MET2.0067
Requirement	The AOP shall be provided with probabilities of forecasted thunderstorm occurrence at the airport
Title	MET-Parameter: Thunderstorm probabilities Airport
Status	<Validated>
Rationale	Critical MET-Parameter
Category	<Metadata>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Analysis>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>

[REQ]

Identifier	REQ-06.05.05-OSED-MET2.0068
Requirement	The AOP shall be provided with probabilities of forecasted thunderstorm occurrence in locally defined areas around the airport
Title	MET-Parameter: Thunderstorm probabilities around Airport
Status	<Validated>
Rationale	Critical MET-Parameter
Category	<Metadata>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Analysis>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>

[REQ]

Identifier	REQ-06.05.05-OSED-MET2.0069
Requirement	The AOP shall be provided with probabilities of thunderstorm duration at the airport above/below thresholds set by the Steer Airport Performance Service
Title	MET-Parameter: Thunderstorm duration probabilities Airport
Status	<Validated>
Rationale	Critical MET-Parameter
Category	<Metadata>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Analysis>

[REQ Trace]

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Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>

[REQ]

Identifier	REQ-06.05.05-OSED-MET2.0070
Requirement	The AOP shall be provided with the actual turbulence situation on final approach for each runway direction
Title	MET-Parameter: Turbulence actuals
Status	<Validated>
Rationale	Critical MET-Parameter
Category	<Metadata>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Analysis>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>

[REQ]

Identifier	REQ-06.05.05-OSED-MET2.0071
Requirement	The AOP shall be provided with the predicted turbulence situation on final approach for each runway.
Title	MET-Parameter: Turbulence forecast
Status	<Validated>
Rationale	Critical MET-Parameter
Category	<Metadata>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Analysis>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>

[REQ]

Identifier	REQ-06.05.05-OSED-MET2.0072
Requirement	The AOP shall be provided with the actual wind shear situation on final approach for all runway directions
Title	MET-Parameter: wind shear actuals
Status	<Validated>
Rationale	Critical MET-Parameter
Category	<Metadata>
Validation Method	<Expert Group (Judgement Analysis)>

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Verification Method	<Analysis>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>

[REQ]

Identifier	REQ-06.05.05-OSED-MET2.0073
Requirement	The AOP shall be provided with the predicted wind shear situation on final approach for all runway directions
Title	MET-Parameter: wind shear forecast
Status	<Validated>
Rationale	Critical MET-Parameter
Category	<Metadata>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Analysis>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>

[REQ]

Identifier	REQ-06.05.05-OSED-MET2.0074
Requirement	The AOP shall be provided with probabilities of predicted turbulence on final approach for each runway below/above thresholds set by the Steer Airport Performance Service
Title	MET-Parameter: turbulence probabilities
Status	<Validated>
Rationale	Critical MET-Parameter
Category	<Metadata>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Analysis>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>

[REQ]

Identifier	REQ-06.05.05-OSED-MET2.0075
Requirement	The AOP shall be provided with probabilities of predicted wind shear on final approach below/above thresholds set by the Steer Airport Performance Service
Title	MET-Parameter: turbulence probabilities

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Status	<Validated>
Rationale	Critical MET-Parameter
Category	<Metadata>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Analysis>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>

[REQ]

Identifier	REQ-06.05.05-OSED-MET2.0076
Requirement	The AOP shall be provided with actual occurrence and magnitude of low level temperature inversions above thresholds set by the Steer Airport Performance Service
Title	MET-Parameter: low level Temperature inversion actuals
Status	<Validated>
Rationale	Magnitude of low level temperature inversion means the temperature on the upper and lower side, respectively the spread within A low level temperature inversion is defined as an inversion of at least 10°C in the lowermost 1000ft above ground level
Category	<Metadata>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Analysis>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>

[REQ]

Identifier	REQ-06.05.05-OSED-MET2.0077
Requirement	The AOP shall be provided with predicted occurrence and magnitude of low level temperature inversions above thresholds set by the Steer Airport Performance Service
Title	MET-Parameter: low level Temperature inversion forecast
Status	<Validated>
Rationale	Magnitude of low level temperature inversion means the temperature on the upper and lower side, respectively the spread within A low level temperature inversion is defined as an inversion of at least 10°C in the lowermost 1000ft above ground level
Category	<Metadata>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Analysis>

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[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>

[REQ]

Identifier	REQ-06.05.05-OSED-MET2.0078
Requirement	The AOP shall be provided with probability of forecasted occurrence of low level temperature inversions above thresholds set by the Steer Airport Performance Service
Title	MET-Parameter: low level Temperature inversion forecast
Status	<Validated>
Rationale	Critical MET-Parameter
Category	<Metadata>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Analysis>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>

[REQ]

Identifier	REQ-06.05.05-OSED-MET2.0079
Requirement	The AOP shall be provided with Information regarding type of runway contaminants
Title	MET-Parameter: RWY contaminant type
Status	<Validated>
Rationale	This parameter should be part of the snowtam message; it's not provided by the MET service provider
Category	<Metadata>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Analysis>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>

[REQ]

Identifier	REQ-06.05.05-OSED-MET2.0080
Requirement	The AOP shall be provided with the depth of runway contaminants
Title	MET-Parameter: RWY contaminant thickness
Status	<Validated>

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Rationale	This parameter should be part of the snowtam message; it's not provided by the MET service provider
Category	<Metadata>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Analysis>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>

[REQ]

Identifier	REQ-06.05.05-OSED-MET2.0081
Requirement	The AOP shall be provided with other actual present weather elements (other than previously stated; e.g. blowing snow, blowing sand, volcanic ash, freezing fog...) including intensity of present weather
Title	MET-Parameter: other actual present weather
Status	<Validated>
Rationale	Present weather other than previously stated in detail by other requirements shall be provided as well
Category	<Metadata>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Analysis>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>

[REQ]

Identifier	REQ-06.05.05-OSED-MET2.0082
Requirement	The AOP shall be provided with other forecasted present weather elements (other than previously stated; e.g. blowing snow, blowing sand, volcanic ash, freezing fog...) compliant with ICAO Annex 3 to the Convention on International Civil Aviation: "Meteorological Service for International Air Navigation (17th Edition) AMD 76"
Title	MET-Parameter: other forecasted present weather
Status	<Validated>
Rationale	Present weather other than previously stated in detail by other requirements shall be provided as well
Category	<Metadata>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Analysis>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance

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<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<APPLIES_TO>	<Operational Service>	Monitor Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.05-OSED-MET2.0083
Requirement	The AOP shall be provided with probability of occurrence of forecasted present weather element blowing snow, above thresholds set by the Steer Airport Performance Service
Title	MET-Parameter: probability of other forecasted present weather element blowing snow
Status	<Validated>
Rationale	Anticipation of adverse conditions is most important, therefore a probabilistic forecast of the element “Blowing Snow” is a must have The thresholds set by the Steer refer to intensity thresholds of the element
Category	<Functional>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Inspection>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<APPLIES TO>	<Operational Service>	Monitor Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.05-OSED-MET2.0084
Requirement	The AOP shall be provided with probability of occurrence of forecasted present weather element blowing sand, above thresholds set by the Steer Airport Performance Service
Title	MET-Parameter: probability of other forecasted present weather element blowing sand
Status	<Validated>
Rationale	Anticipation of adverse conditions is most important, therefore a probabilistic forecast of the element “Blowing Sand” is a must have The thresholds set by the Steer refer to intensity thresholds of the element
Category	<Functional>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Inspection>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<APPLIES TO>	<Operational Service>	Monitor Airport Performance	N/A

[REQ]

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Identifier	REQ-06.05.05-OSED-MET2.0085
Requirement	The AOP shall be provided with probability of occurrence of forecasted present weather element Freezing Fog
Title	MET-Parameter: probability of other forecasted present weather element freezing fog
Status	<Validated>
Rationale	Anticipation of adverse conditions is most important, therefore a probabilistic forecast of the element “Freezing Fog” is a must have
Category	<Functional>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Inspection>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<APPLIES TO>	<Operational Service>	Monitor Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.05-OSED-MET2.0086
Requirement	The AOP shall be provided with probability of occurrence of forecasted present weather element sand storm
Title	MET-Parameter: probability of other forecasted present weather element sand storm
Status	<Validated>
Rationale	Anticipation of adverse conditions is most important, therefore a probabilistic forecast of the element “Sand Storm” is a must have
Category	<Functional>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Inspection>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<APPLIES TO>	<Operational Service>	Monitor Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.05-OSED-MET2.0087
Requirement	The AOP shall be provided with probability of occurrence of forecasted present weather element volcanic ash
Title	MET-Parameter: probability of other forecasted present weather element sand storm
Status	<Validated>

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Rationale	Anticipation of adverse conditions is most important, therefore a probabilistic forecast of the element “Volcanic Ash” is a must have
Category	<Functional>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Inspection>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<APPLIES TO>	<Operational Service>	Monitor Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.05-OSED-MET2.0088
Requirement	The AOP shall be provided with probability of occurrence of forecasted present weather element Funnel Cloud (Tornado/ Water Spout)
Title	MET-Parameter: probability of other forecasted present weather element funnel cloud
Status	<Validated>
Rationale	Anticipation of adverse conditions is most important, therefore a probabilistic forecast of the element “Funnel Cloud” is a must have
Category	<Functional>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Inspection>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<APPLIES TO>	<Operational Service>	Monitor Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.05-OSED-MET2.3611
Requirement	The AOP shall be provided with probability of occurrence of freezing rain
Title	Probability of Freezing Rain
Status	<Validated>
Rationale	Successor of REQ-06.05.05-OSED-MET2.0061. Freezing Rain as crucial parameter esp for De-Icing
Category	<Functional>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Inspection>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<APPLIES TO>	<Operational Service>	Monitor Airport Performance	N/A

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<CHANGED-BECAUSE-OF>	<Change Order>	REQ-06.05.05.-OSED-MET2.0061	N/A

[REQ]

Identifier	REQ-06.05.05-OSED-MET2.3612
Requirement	The AOP shall be provided with probability of occurrence of freezing drizzle
Title	Probability of Freezing Drizzle
Status	<Validated>
Rationale	Successor of REQ-06.05.05-OSED-MET2.0061. Freezing Drizzle as crucial parameter esp for De-Icing
Category	<Functional>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Inspection>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<APPLIES_TO>	<Operational Service>	Monitor Airport Performance	N/A
<CHANGED-BECAUSE-OF>	<Change Order>	REQ-06.05.05.-OSED-MET2.0061	N/A

1.1.8.7 MET Parameters: Derived Parameters

[REQ]

Identifier	REQ-06.05.05-OSED-MET3.0001
Requirement	The AOP shall be provided with actual adverse weather condition
Title	Derived - Adverse Conditions
Status	<Validated>
Rationale	Anticipation of adverse conditions is most important
Category	<Functional>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Inspection>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<APPLIES_TO>	<Operational Service>	Monitor Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.05-OSED-MET3.0002
Requirement	The AOP shall be provided with the severity level of any actual adverse weather condition
Title	Derived - Adverse Conditions
Status	<Validated>

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Rationale	Anticipation of adverse conditions is most important
Category	<Functional>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Inspection>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<APPLIES_TO>	<Operational Service>	Monitor Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.05-OSED-MET3.0003
Requirement	The AOP shall be provided with probabilities of occurence of adverse weather conditions
Title	Derived - Adverse Conditions
Status	<Validated>
Rationale	Anticipation of adverse conditions is most important
Category	<Functional>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Inspection>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<APPLIES_TO>	<Operational Service>	Monitor Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.05-OSED-MET3.0004
Requirement	The AOP shall be provided with probabilities for severity levels of predicted adverse weather
Title	Derived - Adverse Conditions
Status	<Validated>
Rationale	Anticipation of severity level of adverse conditions is most important
Category	<Functional>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Inspection>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<APPLIES_TO>	<Operational Service>	Monitor Airport Performance	N/A

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[REQ]

Identifier	REQ-06.05.05-OSED-MET3.0005
Requirement	The AOP shall be provided with electrical storm warnings as defined by the Steer Airport Performance Service
Title	MET-Parameter: electrical storm warning
Status	<Validated>
Rationale	Critical MET-Parameter
Category	<Metadata>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Analysis>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<APPLIES TO>	<Operational Service>	Monitor Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.05-OSED-MET3.0006
Requirement	The AOP shall be provided with actual de-icing category (no de-icing/light/moderate/severe/extreme)
Title	Derived - De Icing Condition actuals
Status	<Validated>
Rationale	Crucial parameter
Category	<Functional>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Inspection>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<APPLIES_TO>	<Operational Service>	Monitor Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.05-OSED-MET3.0007
Requirement	The AOP shall be provided with forecasted values of de-icing category (no de-icing/light/moderate/severe/extreme)
Title	Derived - De Icing Condition forecast
Status	<Validated>
Rationale	Crucial parameter
Category	<Functional>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Inspection>

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[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<APPLIES_TO>	<Operational Service>	Monitor Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.05-OSED-MET3.0008
Requirement	The AOP shall be provided with probabilities of forecasted de-icing categories above/below determined thresholds
Title	De Icing Conditions
Status	<Validated>
Rationale	De-Icing planning crucial in winter weather
Category	<Metadata>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Analysis>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<APPLIES TO>	<Operational Service>	Monitor Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.05-OSED-MET3.0009
Requirement	The AOP shall be provided with actual LVP conditions (No AWO, CAT I, CAT II,….)
Title	LVP Conditions
Status	<Validated>
Rationale	AWO (All weather operations) equals LVP (Low visibility procedures)
Category	<Functional>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Inspection>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<APPLIES TO>	<Operational Service>	Monitor Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.05-OSED-MET3.0010
Requirement	The AOP shall be provided with forecasted LVP conditions (No AWO, CAT I, CAT II,….)
Title	LVP Conditions

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Status	<Validated>
Rationale	AWO (All weather operations) equals LVP (Low visibility procedures)
Category	<Functional>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Inspection>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<APPLIES TO>	<Operational Service>	Monitor Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.05-OSED-MET3.0011
Requirement	The AOP shall be provided with probabilities of forecasted LVP conditions (No AWO, CAT I, CAT II,….) above/below determined threshold (e.g. CAT II)s
Title	LVP Conditions
Status	<Validated>
Rationale	AWO determines LVP
Category	<Metadata>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Analysis>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<APPLIES_TO>	<Operational Service>	Monitor Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.05-OSED-MET3.3013
Requirement	The rules engine shall create an element "Adverse weather condition" from multiparameter threshold assessment of weather elements contributing to adverse weather conditions
Title	Adverse Weather in Rules Engine
Status	<Validated>
Rationale	Own Element “Adverse Weather condition is necessary and was missing so far”
Category	<Functional>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Inspection>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES TO>	<Operational Service>	Monitor Airport Performance	N/A

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[REQ]

Identifier	REQ-06.05.05-OSED-MET3.3014
Requirement	The rules engine shall create an element "De-Icing categrory" from multiparameter threshold assessment of weather elements contributing to de-icing condtions
Title	De Icing category in Rules Engine
Status	<Validated>
Rationale	New Created after V2 Own Element “De Icing Category” is necessary and was missing so far”
Category	<Functional>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Inspection>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Service>	Monitor Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.05-OSED-MET3.3015
Requirement	The Probabilistic Thunderstorm Area Forecast shall derive severity classes (none, light, medium, severe) from the probability of occurrence of thunderstorms and the probable intensity, density and alignement of thunderstorms for each area of interest (e.g. sectors) for all timesteps of interest
Title	Definition of Probabilistic Thunderstorm Area Forecast
Status	<Validated>
Rationale	Definition was not explicit befor, impact on ATC is high
Category	<Functional>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Inspection>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Service>	Monitor Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.05-OSED-MET3.3016
Requirement	The AOP shall be provided with Probabilistic Thunderstorm Area Forecast data
Title	Provision of Probabilistic Thunderstorm Area Forecast to AOP
Status	<Validated>
Rationale	Provision of forecasts to AOP
Category	<Functional>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Inspection>

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[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES TO>	<Operational Service>	Monitor Airport Performance	N/A

1.1.8.8 Interface/HMI Requirements

[REQ]

Identifier	REQ-06.05.05-OSED-MET4.0001
Requirement	Each stakeholder HMI shall be able to flag values if parameters surpass local thresholds set by the Steer Airport Performance Service
Title	MET-HMIs: Configurability
Status	<Validated>
Rationale	MET-User Interface definition: Configurability
Category	<Interface>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Analysis>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	
<APPLIES_TO>	<Operational Service>	Monitor Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.05-OSED-MET4.0002
Requirement	Each stakeholder HMI shall display a pool of MET data defined by the steer airport performance service
Title	MET-HMIs: display
Status	<Validated>
Rationale	MET-User Interface definition: display. SAP defines Pool
Category	<Interface>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Analysis>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	
<APPLIES_TO>	<Operational Service>	Monitor Airport Performance	N/A

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[REQ]

Identifier	REQ-06.05.05-OSED-MET4.0003
Requirement	The HMI shall flag/highlight all parameter values in the MET data listing which are linked to adverse weather conditions in case of actual adverse conditions
Title	MET-HMIs: display
Status	<Validated>
Rationale	Clarification that MET data which is responsible for adverse condition shall be recognized as such in the MET data Tables by color coded highlighting. Critical MET-Parameter
Category	<Metadata>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Analysis>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	
<APPLIES TO>	<Operational Service>	Monitor Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.05-OSED-MET4.0004
Requirement	The HMI shall flag/highlight all parameter values in the MET data listing which are linked to adverse weather conditions in case of forecasted adverse weather conditions
Title	MET-HMIs: display
Status	<Validated>
Rationale	Clarification of Thunderstorm Forecast in the HMI. Critical MET-Parameter
Category	<Metadata>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Analysis>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	
<APPLIES TO>	<Operational Service>	Monitor Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.05-OSED-MET4.0005
Requirement	The actual and forecasted thunderstorm activity shall additionally be visualized by displaying appropriate weather radar, lightning, satellite or derived products
Title	MET-HMIs: additional display
Status	<Validated>

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Rationale	Critical MET-Parameter
Category	<Metadata>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Analysis>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	
<APPLIES_TO>	<Operational Service>	Monitor Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.05-OSED-MET4.0006
Requirement	The HMI shall consist of several sections, one of which shall be displaying the Probabilistic Thunderstorm Area Forecast
Title	MET-HMIs: additional display
Status	<Validated>
Rationale	Clarification of Thunderstorm Forecast in the HMI. Critical MET-Parameter
Category	<Metadata>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Analysis>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	
<APPLIES_TO>	<Operational Service>	Monitor Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.05-OSED-MET4.0007
Requirement	The precipitation activity shall additionally be visualized by displaying appropriate weather radar, satellite or derived products
Title	MET-HMIs: additional display
Status	<Validated>
Rationale	Critical MET-Parameter
Category	<Metadata>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Analysis>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>

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<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	
<APPLIES_TO>	<Operational Service>	Monitor Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.05-OSED-MET4.3008
Requirement	The HMI shall be able - but not restricted - to display all relevant data on one screen for no-need-to-touch-MET-display capability
Title	No-need-to-touch HMI capability
Status	<Validated>
Rationale	Different usage of MET-HMI by stakeholders: some prefer static display for overhead-monitoring
Category	<Functional>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Inspection>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES TO>	<Operational Service>	Monitor Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.05-OSED-MET4.3009
Requirement	The HMI shall display or mark missing, faulty or outdated data on spot in the data listing
Title	Handling of corrupt data
Status	<Validated>
Rationale	The HMI shall show clearly and on the spot if data is outdated, missing, inconsistent or faulty; and not on a different page out of sight
Category	<Functional>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Inspection>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES TO>	<Operational Service>	Monitor Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.05-OSED-MET4.3010
Requirement	The HMI shall consist of several sections, one of which shall be displaying listed numerical data color coded
Title	Handling of corrupt data
Status	<Validated>
Rationale	On the Stakeholder-HMI all relevant MET data shall be displayed in a efficient way (List)

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Category	<Functional>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Inspection>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES TO>	<Operational Service>	Monitor Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.05-OSED-MET4.3011
Requirement	The HMI shall be configurable by an administrator, not by the user
Title	User rights
Status	<Validated>
Rationale	The user shall not have the ability to change HMI from preconfigured state to have a standardized view
Category	<Functional>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Inspection>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES TO>	<Operational Service>	Monitor Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.05-OSED-MET4.3012
Requirement	The HMI configurability shall include arrangement and position of element on screen, number and selection of different parameters, Hierarchy and logic of different sections (Data Listings, Alerts & Warnings, Observation, WXR and derived products)
Title	HMI configurability
Status	<Validated>
Rationale	Minimum configurability for administrators
Category	<Functional>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Inspection>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES TO>	<Operational Service>	Monitor Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.05-OSED-MET4.3013
Requirement	The HMI shall have comprehensive Listing of MET Parameters with displayed values for all time stamps relevant

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Title	HMI content listings
Status	<Validated>
Rationale	Listing of MET Parameters with displayed values
Category	<Functional>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Inspection>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES TO>	<Operational Service>	Monitor Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.05-OSED-MET4.3014
Requirement	In the HMI MET parameter listing, (derived) parameters such as Adverse Conditions, Thunderstorms, LVC, De Icing category and the probability thresholds thereof shall be displayed on a prominent spot.
Title	HMI listing of important parameters
Status	<Validated>
Rationale	Listing (derived) parameters under adverse conditions
Category	<Functional>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Inspection>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES TO>	<Operational Service>	Monitor Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.05-OSED-MET4.3015
Requirement	The default hierarchy of displayed data shall be: 1. alerts and warnings in regards to adverse conditions 2. weather radar and derived products / Observations 3. MET data listings /Forecasts
Title	HMI layer configuration
Status	<Validated>
Rationale	Creationlist of default hierarchy of displayed data
Category	<Functional>
Validation Method	<Expert Group (Judgement Analysis)>
Verification Method	<Inspection>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Service>	Monitor Airport Performance	N/A

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1.2 Steer Airport Performance Service

[REQ]

Identifier	REQ-06.06.01-OSED-POPS.0015
Requirement	The Post Operations Analysis Platform shall allow the OSB to define the format of a standard post operations analysis report template
Title	Manual design of the format of a standard post operations analysis report
Status	<In Progress>
Rationale	The OSB has to have the possibility to define the format of a standard operations analysis report to ensure the relevant regular post operations analyses are produced
Category	<Functional><Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES TO>	<Operational Process>	Initiate Post Operations Analysis	N/A
<APPLIES TO>	<Operational Service>	Perform Post Operations Analysis	N/A

[REQ]

Identifier	REQ-06.06.01-OSED-POPS.0016
Requirement	The Post Operations Analysis Platform shall allow the OSB to define the layout of a standard post operations analysis report template
Title	Manual design of the layout of a standard post operations analysis report
Status	<In Progress>
Rationale	The OSB has to have the possibility to define the layout of a standard operations analysis report to ensure the relevant regular post operations analyses are produced
Category	<Functional><Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES TO>	<Operational Process>	Initiate Post Operations Analysis	N/A
<APPLIES TO>	<Operational Service>	Perform Post Operations Analysis	N/A

[REQ]

Identifier	REQ-06.06.01-OSED-POPS.0017

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Requirement	The Post Operations Analysis Platform shall allow the OSB to define the expected content of a standard post operations analysis report template
Title	Manual design of the content of a standard post operations analysis report
Status	<In Progress>
Rationale	The OSB has to have the possibility to define the content of a standard operations analysis report to ensure the relevant regular post operations analyses are produced
Category	<Functional><Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES TO>	<Operational Process>	Initiate Post Operations Analysis	N/A
<APPLIES TO>	<Operational Service>	Perform Post Operations Analysis	N/A

[REQ]

Identifier	REQ-06.06.01-OSED-POPS.0020
Requirement	The Post Operations Analysis Platform shall allow the OSB to define the periodicity of a standard post operations analysis report template
Title	Manual definition of the periodicity of a standard post operations analysis report
Status	<In Progress>
Rationale	The OSB has to have the possibility to define the periodicity of a standard operations analysis report to ensure the relevant regular post operations analyses are produced
Category	<Functional><Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES TO>	<Operational Process>	Initiate Post Operations Analysis	N/A
<APPLIES TO>	<Operational Service>	Perform Post Operations Analysis	N/A

[REQ]

Identifier	REQ-06.06.01-OSED-POPS.0021
Requirement	The Post Operations Analysis Platform shall allow the OSB to define the addressees of a standard post operations analysis report template
Title	Manual definition of the addressees of a standard post operations analysis report
Status	<In Progress>

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Rationale	The OSB has to have the possibility to define the addressees of a standard operations analysis report to ensure the relevant regular post operations analyses are produced
Category	<Functional><Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Initiate Post Operations Analysis	N/A
<APPLIES_TO>	<Operational Service>	Perform Post Operations Analysis	N/A

[REQ]

Identifier	REQ-06.06.01-OSED-POPS.0022
Requirement	The Post Operations Analysis Platform shall record a standard post operations analysis report template when prompted by the OSB
Title	Recording of a standard post operations analysis report template
Status	<In Progress>
Rationale	The standard post operations analysis report template has to be recorded so that reports can be produced at a later stage
Category	<Functional><Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Initiate Post Operations Analysis	N/A
<APPLIES_TO>	<Operational Service>	Perform Post Operations Analysis	N/A

1.2.1 DCB requirements related to Steer Airport Performance

[REQ]

Identifier	REQ-06.05.03-OSED-STPF.0001
Requirement	The Airport Performance Board shall provide, and update when necessary, the default Declared Airport Capacity values (Inbound, Outbound and Overall movements) as input for Airport-DCB
Title	Default values of the detailed taxiway capacities
Status	<In Progress>
Rationale	Detailed taxiway capacity (per ARR and DEP and per runway) will enable more accurate forecast of KPIs

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Category	<Functional>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Inspection>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Feed database with detailed steering parameters	N/A
<APPLIES_TO>	<Operational Service>	Steer Airport Performance Service	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-STPF.0002
Requirement	The Airport Performance Board shall provide, and update when necessary, for each runway operating direction the possible runway operating mode
Title	Default values of the detailed taxiway capacities
Status	<In Progress>
Rationale	Input to the Operational Steering Board for the determination of possible runway combinations. May include environmental restrictions and/or limitations during certain time periods (e.g. night curfew) Runway Operating mode could be: - Landings only - Take-offs only - Used for both landings and take-offs (mixed mode) - Closed
Category	<Functional>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Inspection>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Feed database with detailed steering parameters	N/A
<APPLIES_TO>	<Operational Service>	Steer Airport Performance Service	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-STPF.0010
Requirement	The Operational Steering Board shall provide, and update when necessary, default values for the taxiway capacities as input for Airport-DCB
Title	Default values of the detailed taxiway capacities
Status	<In Progress>

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Rationale	Detailed taxiway capacity (per ARR and DEP and per runway) will enable more accurate forecast of KPIs. Taxiway capacity to be detailed for Arrival, Departure and Overall, per operating condition, time period and/or runway combination
Category	<Functional>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Inspection>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Feed database with detailed steering parameters	N/A
<APPLIES_TO>	<Operational Service>	Steer Airport Performance Service	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-STPF.0040
Requirement	The Operational Steering Board shall provide, and update when necessary, a threshold for probability of occurrence above which a forecasted taxiway capacity change is activated as input for Airport-DCB
Title	probability threshold taxiway capacity
Status	<In Progress>
Rationale	to avoid basing KPI forecast on low probability of occurrence A change in forecasted taxiway Capacity is only taken into account if the probability of occurrence of this change is above a predefined threshold
Category	<Functional>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Inspection>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Agree on detailed steering parameters	N/A
<APPLIES_TO>	<Operational Service>	Steer Airport Performance Service	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-STPF.0050
Requirement	The Operational Steering Board shall provide, and update when necessary, default values for the TMA capacity as input for Airport-DCB
Title	detailed TMA capacities
Status	<In Progress>
Rationale	Detailed TMA capacity (per ARR and DEP and per runway) will enable more accurate forecast of KPIs. TMA Capacity to be detailed for Arrival, Departure and Overall per operating condition, time period and/or runway combination

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Category	<Functional>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Inspection>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Feed database with detailed steering parameters	N/A
<APPLIES_TO>	<Operational Service>	Steer Airport Performance Service	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-STPF.0080
Requirement	The Operational Steering Board shall provide, and update when necessary, a threshold for the probability of occurrence above which a forecasted TMA capacity change is activated as input for Airport-DCB
Title	probability threshold TMA capacities
Status	<In Progress>
Rationale	to avoid basing KPI forecast on low probability of occurrence. A change in forecasted TMA Capacity is only taken into account if the probability of occurrence of this change is above a predefined threshold
Category	<Functional>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Inspection>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Agree on detailed steering parameters	N/A
<APPLIES_TO>	<Operational Service>	Steer Airport Performance Service	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-STPF.0090
Requirement	The Operational Steering Board shall provide, and update when necessary, threshold values for maximum cross/tail wind components and gust components as input for Airport-DCB to determine the usability of a runway
Title	Threshold values runway usability
Status	<In Progress>
Rationale	Determine the usability of a runway. Actual/forecasted cross/tail wind components may not exceed the maximum values as set for different operating conditions. Maximum value for cross/tail wind may be reduced in case of low visibility or degraded runway surface conditions
Category	<Functional>
Validation Method	<Gaming Technique (Agent Based Analysis)>

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Verification Method	<Inspection>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Feed database with detailed steering parameters	N/A
<APPLIES TO>	<Operational Service>	Steer Airport Performance Service	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-STPF.0091
Requirement	The Operational Steering Board shall provide threshold values for probability of occurrence above which forecasted changes in cross / tail wind component and gust component are taken into account for determination of runway usability
Title	Probability thresholds for determination of runway usability
Status	<In Progress>
Rationale	to avoid basing KPI forecast on low probability of occurrence
Category	<Functional>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Inspection>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Feed database with detailed steering parameters	N/A
<APPLIES_TO>	<Operational Service>	Steer Airport Performance Service	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-STPF.0101
Requirement	The Operational Steering Board shall provide, and update when necessary, all possible runway combinations per time period and possible operating conditions as input for Airport-DCB
Title	Possible Runway Configurations
Status	<In Progress>
Rationale	Basis for KPI Forecast Time periods could be Night, Inbound peak, Outbound peak or any airport specific granularity. Operating conditions are related to weather, environmental regulations, curfew etc
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Inspection>

[REQ Trace]

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Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.084	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Feed database with detailed steering parameters	N/A
<APPLIES_TO>	<Operational Service>	Steer Airport Performance Service	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-STPF.0102
Requirement	The Operational Steering Board shall provide, and update when necessary, the default Practical Runway Capacity values (Arrival / Departure / Overall) for all possible runway configurations per time period and possible operating conditions as input for Airport-DCB
Title	Default Practical Runway Capacity values
Status	<In Progress>
Rationale	Basis for KPI Forecast Time periods could be Night, Inbound peak, Outbound peak or any airport specific granularity. Operating conditions are related to weather, environmental regulations, curfew etc
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Inspection>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Feed database with detailed steering parameters	N/A
<APPLIES_TO>	<Operational Service>	Steer Airport Performance Service	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-STPF.0110
Requirement	The Operational Steering Board shall provide, and update when necessary, the runway configuration plan (a preference list of runway configurations) per time period and possible operating conditions as input for Airport-DCB
Title	Runway Configuration Plan
Status	<In Progress>
Rationale	Basis for KPI Forecast Time periods could be Night, Inbound peak, Outbound peak or any airport specific granularity. Operating conditions are related to weather, environmental regulations, curfew etc. Preference could be based on environmental regulations
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>

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Verification Method	<Inspection>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Feed database with detailed steering parameters	N/A
<APPLIES TO>	<Operational Service>	Steer Airport Performance Service	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-STPF.0140
Requirement	The Operational Steering Board shall provide and update when necessary, the maximum number of aircraft that can be simultaneously accommodated at the airport as input for Airport-DCB
Title	max aircraft
Status	<In Progress>
Rationale	Avoid deadlock
Category	<Functional>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Inspection>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Feed database with detailed steering parameters	N/A
<APPLIES_TO>	<Operational Service>	Steer Airport Performance Service	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-STPF.0150
Requirement	The Operational Steering Board shall provide, and update when necessary, threshold values for “absolute” warning/alarm for the KPI’s “Capacity Shortage”, “Delay” and “Punctuality” as input for Airport-DCB (monitoring function)
Title	DCB KPI warning and alter thresholds
Status	<In Progress>
Rationale	Determine Alerts / Warnings criteria. An “Absolute” warning/alert is given if actual or forecasted KPI value (for Capacity Shortage, Delay or Punctuality) exceeds the predefined threshold
Category	<Operational>
Validation Method	<Fast Time Simulation>
Verification Method	<Inspection>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>

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<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Feed database with detailed steering parameters	N/A
<APPLIES_TO>	<Operational Service>	Steer Airport Performance Service	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-STPF.0151
Requirement	The Operational Steering Board shall provide, and update when necessary, threshold values for “relative” warning/alarm for the KPI’s “Capacity Shortage”, “Delay” and “Punctuality” as input for Airport-DCB (monitoring function)
Title	DCB KPI warning and alter thresholds
Status	<In Progress>
Rationale	Determine Alerts / Warnings criteria An “Relative” warning/alert is given if for the actual or forecasted runway configuration and/or capacity distribution a performance improvement on one or more KPI’s is possible above the predefined threshold
Category	<Operational>
Validation Method	<Fast Time Simulation>
Verification Method	<Inspection>

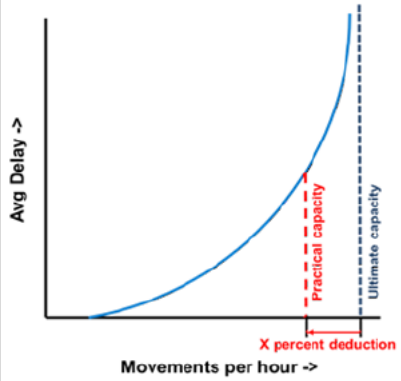
[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Feed database with detailed steering parameters	N/A
<APPLIES_TO>	<Operational Service>	Steer Airport Performance Service	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-STPF.0160
Requirement	The Operational Steering Board shall provide, and update when necessary, a percentage value that is to be deducted from the Ultimate Capacity value to represent the Practical Capacity value as input for Airport-DCB (calculation function)
Title	Practical Capacity Constraints
Status	<In Progress>

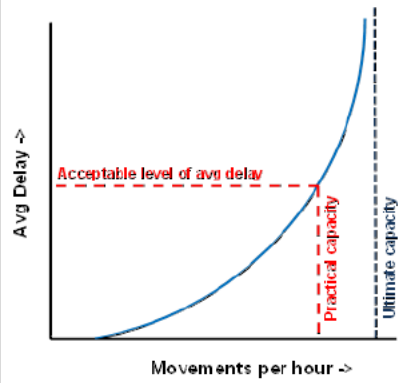
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Rationale	Calculation of Practical Capacity Practical Capacity value = X% * Ultimate Capacity value 
Category	<Functional>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Inspection>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Feed database with detailed steering parameters	N/A
<APPLIES_TO>	<Operational Service>	Steer Airport Performance Service	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-STPF.0161
Requirement	The Operational Steering Board shall provide, and update when necessary, a value for acceptable average delay (per flight) to determine the Practical Capacity value as input for Airport-DCB (Calculation function)
Title	Practical Capacity Constraints
Status	<In Progress>
Rationale	Calculation of Practical Capacity 

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Category	<Functional>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Inspection>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Feed database with detailed steering parameters	N/A
<APPLIES_TO>	<Operational Service>	Steer Airport Performance Service	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-STPF.0170
Requirement	The Operational Steering Board shall provide, and update when necessary, flight prioritization rules for use during periods with capacity shortage as input for Airport-DCB (calculation function)
Title	flight prioritization rules
Status	<In Progress>
Rationale	KPI forecasting Differentiation of prioritization rules between inbound and outbound traffic can be applied
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Inspection>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES TO>	<Operational Process>	Agree on detailed steering parameters	N/A
<APPLIES TO>	<Operational Service>	Steer Airport Performance Service	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-STPF.0180
Requirement	The Airport Performance Board shall take into account any conclusions/results from Post Operations Analysis for the provision and update of any Airport-DCB parameter
Title	post ops conclusions
Status	<In Progress>
Rationale	learn from past Airport-DCB parameters as mentioned in REQ-06.05.03-OSED-STPF.0010 till .0220
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	

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[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Agree on hign-level steering parameters	N/A
<APPLIES_TO>	<Operational Service>	Steer Airport Performance Service	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-STPF.0181
Requirement	The Airport Performance Board shall take into account any conclusions/results from Post Operations Analysis to catalogue pre-defined Airport-DCB solutions
Title	post ops conclusions
Status	<In Progress>
Rationale	learn from past
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Agree on hign-level steering parameters	N/A
<APPLIES_TO>	<Operational Service>	Steer Airport Performance Service	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-STPF.0190
Requirement	The Operational Steering Board shall provide, and update when necessary, the minimum spacing matrices taking into account aircraft wake vortex separation, dependencies between runways and SIF/STAR spacing requirements, as input to Airport-DCB (calculation function)
Title	separation matrix
Status	<In Progress>
Rationale	Capacity calculation Required for the calculation of Ultimate Runway Capacity values
Category	<Functional>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Inspection>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Agree on detailed steering parameters	N/A
<APPLIES_TO>	<Operational Service>	Steer Airport Performance Service	N/A

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[REQ]

Identifier	REQ-06.05.03-OSED-STPF.0200
Requirement	The Operational Steering Board shall provide, and update when necessary, a value for the time period in which an activated runway configuration should preferably not be changed, as input to Airport-DCB
Title	Stability of selected runway configuration
Status	<In Progress>
Rationale	Stability of selected / activated runway configuration
Category	<Functional>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Inspection>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES TO>	<Operational Process>	Agree on detailed steering parameters	N/A
<APPLIES TO>	<Operational Service>	Steer Airport Performance Service	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-STPF.0210
Requirement	The Operational Steering Board shall provide, and update when necessary, for both Arrivals and Departures capacity usage margin/ratios above which an additional arrival and/or departure runway should be activated, as input to airport-DCB
Title	Stability of selected runway configuration
Status	<In Progress>
Rationale	Stability of selected / activated runway configuration
Category	<Functional>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Inspection>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Agree on detailed steering parameters	N/A
<APPLIES_TO>	<Operational Service>	Steer Airport Performance Service	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-STPF.0220
Requirement	The Operational Steering Board shall provide, and update when necessary, (local) criteria for runway selection as input to Airport-DCB
Title	Runway Selection
Status	<In Progress>

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Rationale	Local criteria for runway and runway configuration selection may exist and shall be provided by the OSB
Category	<Functional>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Inspection>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES TO>	<Operational Process>	Agree on detailed steering parameters	N/A
<APPLIES TO>	<Operational Service>	Steer Airport Performance Service	N/A

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1.3 Monitor Airport Performance Service

1.3.1 DCB requirements related to Airport performance monitoring

[REQ]

Identifier	REQ-06.05.03-OSED-PERF.0010
Requirement	The responsible stakeholder for taxiway capacities shall be able to update actual and/or forecasted taxiway capacities in case the probability of forecasted taxiway capacity change is above the pre-assigned probability threshold
Title	TWY capacity change
Status	<In Progress>
Rationale	Action in case of deviation or change Taxiway capacity to be detailed for Arrival, Departure and Overall
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0085	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES TO>	<Operational Process>	Update database	N/A
<APPLIES TO>	<Operational Service>	Monitor Airport Performance Service	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-PERF.0040
Requirement	The responsible stakeholder for taxiway capacities shall be able to update actual and/or forecasted taxiway capacities per runway threshold
Title	detailed TWY capacity granularity
Status	<In Progress>
Rationale	setting granularity Taxiway capacities per runway threshold will allow for significant increase in accuracy of KPI forecasting per runway. Taxiway capacity to be detailed for Arrival, Departure and Overall
Category	<Functional>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Inspection>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0085	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Update database	N/A

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<APPLIES_TO>	<Operational Service>	Monitor Airport Performance Service	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-PERF.0050
Requirement	The responsible stakeholder for assessing / updating current and forecasted taxiway capacity values as input to Airport-DCB shall be the Airport Tower Supervisor, the Airport Duty Officer or the APOC Supervisor (dependent on local organization)
Title	TWY capacity role
Status	<In Progress>
Rationale	traceable responsibility
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0085	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Update database	N/A
<APPLIES_TO>	<Operational Service>	Monitor Airport Performance Service	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-PERF.0060
Requirement	The Airport Duty Officer and/or the APOC Supervisor shall bring to the attention of the responsible stakeholder for assessing / updating taxiway capacity values, any event that may affect taxiway usage (e.g. construction/maintenance work, snow removal, technical failure)
Title	info on TWY capacity influence factors
Status	<In Progress>
Rationale	role responsible for TWY capacity might not be aware of all events. ADO is. In case the Airport Duty Officer and APOC Supervisor are the responsible stakeholder for assessing / updating the taxiway capacity
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0085	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Update database	N/A
<APPLIES_TO>	<Operational Service>	Monitor Airport Performance Service	N/A

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[REQ]

Identifier	REQ-06.05.03-OSED-PERF.0070
Requirement	The Airport-DCB (monitoring function) shall alert the responsible stakeholder for taxiway capacity of any weather event that may affect the taxiway capacity
Title	weather for TWY capacity
Status	<In Progress>
Rationale	Wx must be known to responsible role in order to assess capacity
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0085	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES TO>	<Operational Process>	Publish value indicating alert	N/A
<APPLIES TO>	<Operational Process>	Publish value indicating warning	N/A
<APPLIES TO>	<Operational Service>	Monitor Airport Performance Service	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-PERF.0071
Requirement	In case of an alert the Airport DCB (monitoring function) shall provide the responsible stakeholder for taxiway capacity background information for assessing the impact of the weather event on the taxiway capacity
Title	Background information on an alert
Status	<In Progress>
Rationale	Any additional background information on an alert can assist in assessing the impact
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0085	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES TO>	<Operational Process>	Publish value indicating alert	N/A
<APPLIES TO>	<Operational Process>	Publish value indicating warning	N/A
<APPLIES TO>	<Operational Service>	Monitor Airport Performance Service	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-PERF.0080

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Requirement	In case of reduced taxiway capacity the responsible stakeholder shall include, as input to the Airport-DCB, the reason for this reduced taxiway capacity
Title	TWY reason for capacity reduction
Status	<In Progress>
Rationale	Selection of pre-defined reasosn for tracebility and problem solving. Reasons for reduced Taxiway capacity coudl be: - Weather (low visibility) - Infrastructure availability (maintenance of taxiways) - Taxiway blockage by disabled aircraft - etc
Category	<Functional>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0085	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Update database	N/A
<APPLIES_TO>	<Operational Service>	Monitor Airport Performance Service	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-PERF.0090
Requirement	The monitoring function of Airport-DCB shall, for any generated KPI alert, provide the timestamp or time period of occurrence
Title	alert period
Status	<In Progress>
Rationale	needed to assess impact
Category	<Functional>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Inspection>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0085	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Publish value indicating alert	N/A
<APPLIES_TO>	<Operational Service>	Monitor Airport Performance Service	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-PERF.0100
Requirement	In case of a change in current or future usability of taxiways, the responsible stakeholder for taxiway capacity shall be able to update the stand-to-(runway) threshold (and vice versa) unimpeded taxi times

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Title	taxi time update
Status	<In Progress>
Rationale	needed to calculate correct demand. Unimpeded taxi times are used for detailed calculation of demand
Category	<Functional>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Inspection>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0085	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Update database	N/A
<APPLIES_TO>	<Operational Service>	Monitor Airport Performance Service	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-PERF.0110
Requirement	The responsible stakeholder for TMA capacity shall be able to update actual and/or forecasted TMA capacity values in case probability of forecasted TMA capacity change is above the pre-assigned probability threshold
Title	TMA capacity update
Status	<In Progress>
Rationale	most up to date info on TMA capacity. TMA capacity to be detailed for Arrival, Departure and Overall
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0085	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Update database	N/A
<APPLIES_TO>	<Operational Service>	Monitor Airport Performance Service	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-PERF.0111
Requirement	The responsible stakeholder for TMA capacity shall be able to update actual and forecasted TMA capacities per runway threshold
Title	TMA capacity update
Status	<In Progress>
Rationale	most up to date info on TMA capacity. TMA capacity to be detailed for Arrival, Departure and Overall

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Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0085	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES TO>	<Operational Process>	Update database	N/A
<APPLIES TO>	<Operational Service>	Monitor Airport Performance Service	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-PERF.0150
Requirement	The responsible stakeholder for assessing / updating current and forecasted detailed TMA capacity values as input to Airport-DCB shall be the ACC/Approach Supervisor, the Airport Tower Supervisor, the Airport Duty Officer or the APOC Supervisor (dependent on local organization)
Title	information od capacity updates
Status	<In Progress>
Rationale	capacity update might require coordination
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0085	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES TO>	<Operational Process>	Update database	N/A
<APPLIES TO>	<Operational Service>	Monitor Airport Performance Service	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-PERF.0160
Requirement	The Airport-DCB (monitoring function) shall alert the responsible stakeholder for TMA capacity of any weather event that may affect the TMA capacity
Title	TMA wx
Status	<In Progress>
Rationale	assessing capacity
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	

[REQ Trace]

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Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0085	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Update database	N/A
<APPLIES_TO>	<Operational Service>	Monitor Airport Performance Service	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-PERF.0161
Requirement	In case of an alert the Airport-DCB (monitoring function) shall provide the responsible stakeholder for TMA capacity with background information for assessing the impact of the weather event on TMA capacity
Title	Background information on an alert
Status	<In Progress>
Rationale	Any additional background information on an alert can assist in assessing the impact
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0085	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Update database	N/A
<APPLIES_TO>	<Operational Service>	Monitor Airport Performance Service	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-PERF.0170
Requirement	In case of reduced TMA capacity the responsible stakeholder shall include as input the Airport DCB the reason for this reduced TMA capacity
Title	TMA reason for capacity reduction
Status	<In Progress>
Rationale	For traceability and problem solving reasons for reduced TMA capacity could be : Staffing, High altitude winds, Thunderstorm, equipment failure, calibration flights, military activity etc
Category	<Functional>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0085	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A

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<APPLIES_TO>	<Operational Process>		N/A
<APPLIES_TO>	<Operational Service>	Monitor Airport Performance Service	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-PERF.0200
Requirement	The Airport Operator shall provide, and update when necessary, current and forecasted runway-availability per runway and per time period as input to Airport-DCB
Title	runway availability
Status	<In Progress>
Rationale	latest info on runway availability
Category	<Functional>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0085	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES TO>	<Operational Process>	Update database	N/A
<APPLIES TO>	<Operational Service>	Monitor Airport Performance Service	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-PERF.0201
Requirement	In case of reduced runway availability, the Airport Operator shall include as input to Airport-DCB the reason for this reduced runway availability
Title	Reason for capacity reduction
Status	<In Progress>
Rationale	For traceability and problem solving reasons for reduced Runway Capacity could be: infrastructure availability etc
Category	<Functional>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0085	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES TO>	<Operational Process>	Update database	N/A
<APPLIES TO>	<Operational Service>	Monitor Airport Performance Service	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-PERF.0210

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Requirement	The Airport Tower Supervisor shall provide, and update when necessary, current and forecasted runway usability per runway (operating direction) and per time period as input to Airport-DCB
Title	runway usability
Status	<In Progress>
Rationale	latest info on runway usability (e.g. crosswinds)
Category	<Functional>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0085	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Update database	N/A
<APPLIES_TO>	<Operational Service>	Monitor Airport Performance Service	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-PERF.0220
Requirement	In case of reduced runway usability, the responsible stakeholder shall include as input to Airport-DCB the reason for this reduced runway usability
Title	usability reason
Status	<In Progress>
Rationale	traceability, impact assessment and solution hints
Category	<Functional>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0085	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Update database	N/A
<APPLIES_TO>	<Operational Service>	Monitor Airport Performance Service	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-PERF.0221
Requirement	The Airport-DCB (monitoring function) shall alert the responsible stakeholder of any event that may affect the runway capacity
Title	Runway Capacity alert
Status	<In Progress>
Rationale	traceability, impact assessment and solution hints
Category	<Functional>

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Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0085	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES TO>	<Operational Process>	Update database	N/A
<APPLIES TO>	<Operational Service>	Monitor Airport Performance Service	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-PERF.0222
Requirement	In case of an alert the Airport-DCB (monitoring function) shall provide the Responsible stakeholder background information for assessing the impact of the event on the runway capacity
Title	Reason for runway capacity alert
Status	<In Progress>
Rationale	Background information includes, when available: - tracebility - reason - impact assessment - solutions hints - etc
Category	<Functional>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0085	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES TO>	<Operational Process>	Update database	N/A
<APPLIES TO>	<Operational Service>	Monitor Airport Performance Service	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-PERF.0223
Requirement	In case of reduced runway capacity the responsible stakeholder shall include as input to Airport-DCB the reason for this reduced runway capacity
Title	usability reason
Status	<In Progress>
Rationale	traceability, impact assessment and solution hints
Category	<Functional>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	

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[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0085	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Update database	N/A
<APPLIES_TO>	<Operational Service>	Monitor Airport Performance Service	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-PERF.0230
Requirement	The APOC Supervisor shall provide any information about known / negotiated deviations from the Declared Airport Capacity up to seven days in advance as input to the Airport-DCB
Title	declared capacity update
Status	<In Progress>
Rationale	in case of known events such as strike the declared capacity has to be updated in order to enable correct KPI forecast
Category	<Functional>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0085	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Update database	N/A
<APPLIES_TO>	<Operational Service>	Monitor Airport Performance Service	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-PERF.0240
Requirement	The Airport Operator shall be able to update actual and/or forecasted detailed aircraft stand capacity values
Title	Aircraft Stand capacity
Status	<In Progress>
Rationale	Aircraft Stand capacity information could be provided by a dedicated aircraft stand allocation system
Category	<Functional>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0085	<Partial>

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<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Update database	N/A
<APPLIES_TO>	<Operational Service>	Monitor Airport Performance Service	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-PERF.0250
Requirement	The Airport-DCB (monitoring function) shall alert the Airport Operator of any aircraft stand related event that may affect the Airport Capacity
Title	Stand shortage alert
Status	<In Progress>
Rationale	A dedicated aircraft stand allocation system may provide this alert to the monitoring function. Examples of aircraft stand related events are: - Handling stop due to thunderstorms, - No stands available due to limited outbound capacity
Category	<Functional>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0085	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Update database	N/A
<APPLIES_TO>	<Operational Service>	Monitor Airport Performance Service	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-PERF.0260
Requirement	In case of an aircraft stand related alert, the Airport-DCB (monitoring function) shall provide the Airport Operator with background information for assessing the impact of the alert
Title	Background information on stand shortage alert
Status	<In Progress>
Rationale	Provision of background information for assessing the impact of the alert
Category	<Functional>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0085	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Update database	N/A
<APPLIES_TO>	<Operational Service>	Monitor Airport Performance Service	N/A

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[REQ]

Identifier	REQ-06.05.03-OSED-PERF.0270
Requirement	In case of reduced airport capacity due to an aircraft stand related event, the Airport Operator shall include as input to Airport-DCB the reason for this reduced airport capacity
Title	Stand shortage alert
Status	<In Progress>
Rationale	in case of known events such as strike the declared capacity has to be updated in order to enable correct KPI forecast
Category	<Functional>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0085	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES TO>	<Operational Process>	Update database	N/A
<APPLIES TO>	<Operational Service>	Monitor Airport Performance Service	N/A

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1.4 Manage Airport Performance Service

1.4.1 Assess Overall Impact

[REQ]

Identifier	REQ-06.05.04-OSED-AOIP.1000
Requirement	Each warning / alert from airport performance monitoring shall lead to the instantiation of an overall impact message. This OIM will be indicated to the responsible stakeholder determined in advance
Title	Analyse Alert from Performance Airport Monitoring
Status	<In Progress>
Rationale	To be able to analyse an alert/warning
Category	<Functional>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Review of Design>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Assess Overall Impact	N/A
<APPLIES_TO>	<Operational Process>	Analyse Alert	N/A
<APPLIES_TO>	<Operational Service>	Monitor airport performance service	N/A

[REQ]

Identifier	REQ-06.05.04-OSED-AOIP.1010
Requirement	The overall impact message instantiated for each alert/warning shall be part of the AOP
Title	Analyse Alert from Performance Airport Monitoring
Status	<In Progress>
Rationale	To be able to analyse an alert/warning
Category	<Functional>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Review of Design>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Assess Overall Impact	N/A
<APPLIES_TO>	<Operational Process>	Analyse Alert	N/A
<APPLIES_TO>	<Operational Service>	Manage airport performance service	N/A

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[REQ]

Identifier	REQ-06.05.04-OSED-AOIP.1020
Requirement	An overall impact message shall contain: 1. Message identifier (unique consecutive number) 2. Alert Identifier (consecutive number from Monitor) 3. Alert/Warning code (nature of alert from Monitor) 4. Alert/Warning/Event description (specification) 5. Probability of occurrence 6. Disruption duration 7. Disruption location 8. Responsible stakeholder 9. Other stakeholders 10. Experience from the past. 11. (Forecasted) overall impact on KPIs 12. Severity Level (A, B, C or D) 13. Message Status (Active/Cancelled/Completed)
Title	Analyse Alert from Performance Airport Monitoring
Status	<In Progress>
Rationale	This table shall show the content of the overall impact message
Category	<Functional>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Review of Design>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES TO>	<Operational Process>	Assess Overall Impact	N/A
<APPLIES TO>	<Operational Process>	Analyse Alert	N/A
<APPLIES TO>	<Operational Service>	Manage airport performance service	N/A

1.4.1.1 Identify problem and determine impact

1.4.1.1.1 Step 1, Identify Problem

[REQ]

Identifier	REQ-06.05.04-OSED-AOIP.6000
Requirement	The APOC supervisor or responsible stakeholder (depending on the severity level A, B, C, D) shall update the overall impact message in the system (AOP)
Title	Update overall Impact Message
Status	<In Progress>
Rationale	The severity level is categorized; the overall impact message is updated with the new information
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>

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Verification Method	<Review of Design>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Assess Overall Impact	N/A
<APPLIES_TO>	<Operational Process>	Update overall Impact Message	N/A
<APPLIES_TO>	<Operational Service>	Manage airport performance service	N/A

[REQ]

Identifier	REQ-06.05.04-OSED-AOIP.6010
Requirement	The APOC supervisor or responsible stakeholder (depending on the severity level) shall have the ability to update the overall impact message in the system (AOP)
Title	Update overall Impact Message
Status	<In Progress>
Rationale	To ensure that the overall impact message can be updated with the new information
Category	<Functional>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Review of Design>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Assess Overall Impact	N/A
<APPLIES_TO>	<Operational Process>	Update overall Impact Message	N/A
<APPLIES_TO>	<Operational Service>	Manage airport performance service	N/A

1.4.1.1.1.1 Analyse Alert

[REQ]

Identifier	REQ-06.05.04-OSED-AOIP.1030
Requirement	At initiation of the overall impact message item 1 shall be filled in automatically
Title	Analyse Alert from Performance Airport Monitoring item 1
Status	<In Progress>
Rationale	This description shall show a detailed content of the overall impact message
Category	<Functional>
Validation Method	<Gaming Technique (Agent Based Analysis)>

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Verification Method	<Review of Design>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Analyse Alert	N/A
<APPLIES_TO>	<Operational Process>	Assess Overall Impact	N/A
<APPLIES_TO>	<Operational Service>	Manage airport performance service	N/A

[REQ]

Identifier	REQ-06.05.04-OSED-AOIP.1040
Requirement	At initiation of the overall impact message items 2, 3 and 8 shall be provided by the Monitor Airport Performance Service
Title	Analyse Alert from Performance Airport Monitoring item 2 and 3
Status	<In Progress>
Rationale	This description shall show a detailed content of the overall impact message
Category	<Functional>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Review of Design>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Analyse Alert	N/A
<APPLIES_TO>	<Operational Process>	Assess Overall Impact	N/A
<APPLIES_TO>	<Operational Service>	Manage airport performance service	N/A

[REQ]

Identifier	REQ-06.05.04-OSED-AOIP.1050
Requirement	Item 4-12, except 8 shall be filled by the responsible stakeholder during the progress of the Impact Assessment Activity
Title	Analyse Alert from Performance Airport Monitoring Item 4-12
Status	<In Progress>
Rationale	This description shall show a detailed content of the overall impact message
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Review of Design>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>

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<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Analyse Alert	N/A
<APPLIES_TO>	<Operational Process>	Assess Overall Impact	N/A
<APPLIES_TO>	<Operational Service>	Manage airport performance service	N/A

1.4.1.1.1.2 Collect and Analyse Background information

[REQ]

Identifier	REQ-06.05.04-OSED-AOIP.1060
Requirement	The Assess Overall Impact Service shall be supported by event reports and MET reports
Title	Analyse Alert from Performance Airport Monitoring concerning event and MET reports
Status	<In Progress>
Rationale	Provide additional information message
Category	<Functional>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Review of Design>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Analyse Alert	N/A
<APPLIES_TO>	<Operational Process>	Assess Overall Impact	N/A
<APPLIES_TO>	<Operational Service>	Manage airport performance service	N/A

[REQ]

Identifier	REQ-06.05.04-OSED-AOIP.1070
Requirement	The responsible stakeholder shall have access to the AOP information to gain additional information if required
Title	Collect and analyse background information
Status	<In Progress>
Rationale	Provide additional information
Category	<Functional>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Review of Design>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Assess Overall Impact	N/A
<APPLIES_TO>	<Operational Process>	Collect and analyse background information	N/A

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<APPLIES_TO>	<Operational Service>	Manage airport performance service	N/A

1.4.1.1.1.3 Assess Involvement of Potential Additional Stakeholders

[REQ]

Identifier	REQ-06.05.04-OSED-AOIP.1080
Requirement	The responsible stakeholder shall determine if it is an impact on a single or multiple stakeholder(s)
Title	Assess involvement of potential additional stakeholder
Status	<In Progress>
Rationale	Provide additional information in order to investigate if more stakeholder are involved
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Review of Design>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Assess Overall Impact	N/A
<APPLIES_TO>	<Operational Process>	Assess involvement of potential additional stakeholder	N/A
<APPLIES_TO>	<Operational Service>	Manage airport performance service	N/A

[REQ]

Identifier	REQ-06.05.04-OSED-AOIP.2000
Requirement	In case of an impact on multiple stakeholders, the responsible stakeholder shall determine which additional stakeholder(s) are required
Title	Assess involvement of potential additional stakeholder
Status	<In Progress>
Rationale	Investigate if more stakeholder are effected
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Review of Design>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Assess Overall Impact	N/A
<APPLIES_TO>	<Operational Process>	Assess involvement of potential additional stakeholder	N/A
<APPLIES_TO>	<Operational Service>	Manage airport performance service	N/A

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1.4.1.1.1.4 Include Additional Stakeholder(s)

[REQ]

Identifier	REQ-06.05.04-OSED-AOIP.2010
Requirement	The responsible stakeholder shall have access to relevant information of additional stakeholder(s) under consideration of regulations for confidentiality (access rights)
Title	Include additional stakeholder(s)
Status	<In Progress>
Rationale	Investigate if and how more stakeholder are affected
Category	<Functional>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Review of Design>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Assess Overall Impact	N/A
<APPLIES_TO>	<Operational Process>	Include additional stakeholder(s)	N/A
<APPLIES_TO>	<Operational Service>	Manage airport performance service	N/A

[REQ]

Identifier	REQ-06.05.04-OSED-AOIP.2020
Requirement	All involved stakeholders shall have access to the same information (the result of a first research on the problem) under consideration of regulations for confidentiality (access rights)
Title	Include additional stakeholder(s)
Status	<In Progress>
Rationale	Ensure that all stakeholders have the same information
Category	<Functional>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Review of Design>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Assess Overall Impact	N/A
<APPLIES_TO>	<Operational Process>	Include additional stakeholder(s)	N/A
<APPLIES_TO>	<Operational Service>	Manage airport performance service	N/A

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1.4.1.1.1.5 Specify Problem using Expertise

[REQ]

Identifier	REQ-06.05.04-OSED-AOIP.3000
Requirement	In collaboration with all stakeholder(s) the deviation or disruption (adverse condition) against normal operation shall be determined
Title	Specify the problem using expertise
Status	<In Progress>
Rationale	Use the knowledge of stakeholder(s) to specify the problem
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Review of Design>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Assess Overall Impact	N/A
<APPLIES_TO>	<Operational Process>	Specify the problem using expertise.	N/A
<APPLIES_TO>	<Operational Service>	Manage airport performance service	N/A

[REQ]

Identifier	REQ-06.05.04-OSED-AOIP.3010
Requirement	The determination of the deviation or disruption (adverse condition) shall have commitment by all involved stakeholders
Title	Specify the problem using expertise
Status	<In Progress>
Rationale	Commitment of all stakeholder(s) concerning the problem
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Review of Design>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES TO>	<Operational Process>	Assess Overall Impact	N/A
<APPLIES TO>	<Operational Process>	Specify the problem using expertise.	N/A
<APPLIES TO>	<Operational Service>	Manage airport performance service	N/A

1.4.1.1.2 Step 2, Determine Impact

[REQ]

Identifier	REQ-06.05.04-OSED-AOIP.4000

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Requirement	Each stakeholder shall identify the KPIs affected and provide an indication about the level of impact for each affected KPI
Title	Determine overall impact on KPI
Status	<In Progress>
Rationale	Every involved stakeholder does an assessment on the overall impact on the KPI. This process is done on its own stakeholder system
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Review of Design>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Assess Overall Impact	N/A
<APPLIES_TO>	<Operational Process>	Determine overall impact on KPI	N/A
<APPLIES_TO>	<Operational Service>	Manage airport performance service	N/A

1.4.1.1.2.1 Determine Impact – Check Experience from Past

[REQ]

Identifier	REQ-06.05.04-OSED-AOIP.3020
Requirement	All involved stakeholders shall have the ability to retrieve overall impact messages, solution messages and the corresponding post-operations analyses from the past concerning the same alert/warning code
Title	Check experience from the past
Status	<In Progress>
Rationale	To ensure experience from the past will be used
Category	<Functional>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Review of Design>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Assess Overall Impact	N/A
<APPLIES_TO>	<Operational Process>	Specify the problem using expertise	N/A
<APPLIES_TO>	<Operational Service>	Manage airport performance service	N/A

1.4.1.1.2.2 Determine Overall Impact on KPI

[REQ]

Identifier	REQ-06.05.04-OSED-AOIP.4010

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Requirement	The Individual impact on KPIs shall be determined by each involved stakeholder
Title	Determine overall impact on KPI
Status	<In Progress>
Rationale	The assessment is done by the stakeholder on its own system
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Review of Design>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Assess Overall Impact	N/A
<APPLIES_TO>	<Operational Process>	Determine overall impact on KPI	N/A
<APPLIES_TO>	<Operational Service>	Manage airport performance service	N/A

1.4.1.1.2.3 Classify Severity Level

[REQ]

Identifier	REQ-06.05.04-OSED-AOIP.5000
Requirement	The severity level shall be determined in collaboration with all involved stakeholders
Title	Classify severity level
Status	<In Progress>
Rationale	In a collaborative way the severity level of the impact shall be determined
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Review of Design>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Assess Overall Impact	N/A
<APPLIES_TO>	<Operational Process>	Classify severity level	N/A
<APPLIES_TO>	<Operational Service>	Manage airport performance service	N/A

[REQ]

Identifier	REQ-06.05.04-OSED-AOIP.5010
Requirement	The severity level D (black level) shall be set in case of a major accident or terrorist attack, etc
Title	Classify severity level
Status	<In Progress>

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Rationale	Determination of the severity level
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Review of Design>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Assess Overall Impact	N/A
<APPLIES_TO>	<Operational Process>	Classify severity level	N/A
<APPLIES_TO>	<Operational Service>	Manage airport performance service	N/A

[REQ]

Identifier	REQ-06.05.04-OSED-AOIP.5020
Requirement	The severity level C (red level) shall be set if the "Monitor Airport Performance" indicates the deviation on the performance exceeds the maximum threshold allowed determined under the “Steer Airport Performance” Service, Possible adverse conditions, or if more stakeholders with a significant impact on the total performance of the airport are involved
Title	Classify severity level
Status	<In Progress>
Rationale	Determination of the severity level
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Review of Design>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Assess Overall Impact	N/A
<APPLIES_TO>	<Operational Process>	Classify severity level	N/A
<APPLIES_TO>	<Operational Service>	Manage airport performance service	N/A

[REQ]

Identifier	REQ-06.05.04-OSED-AOIP.5030
Requirement	The severity level B (orange level) shall set be if The “Monitor Airport Performance” Service indicates deviations from the plan if a threshold is exceeded, and the performance and service level agreement targets are challenged (below the maximum deviation threshold determined under the “Steer Airport Performance” Service). At this level more than one stakeholder can/will be involved
Title	Classify severity level

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Status	<In Progress>
Rationale	Determination of the severity level
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Review of Design>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES TO>	<Operational Process>	Assess Overall Impact	N/A
<APPLIES TO>	<Operational Process>	Classify severity level	N/A
<APPLIES TO>	<Operational Service>	Manage airport performance service	N/A

[REQ]

Identifier	REQ-06.05.04-OSED-AOIP.5040
Requirement	The severity level A (green level) shall be set in case of minor deviations from the plan (Process warnings/alerts for individual stakeholder) but within the performance and service level agreement targets
Title	Classify severity level
Status	<In Progress>
Rationale	Determination of the severity level
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Review of Design>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES TO>	<Operational Process>	Assess Overall Impact	N/A
<APPLIES TO>	<Operational Process>	Classify severity level	N/A
<APPLIES TO>	<Operational Service>	Manage airport performance service	N/A

1.4.1.1.2.4 Complete Overall Impact Message

[REQ]

Identifier	REQ-06.05.04-OSED-AOIP.5045
Requirement	The responsible stakeholder shall be able to send the Overall Impact Message after each update until the Solution Message is published
Title	Send impact message
Status	<In Progress>

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Rationale	With this action the overall impact message will be sent to all involved stakeholders
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Review of Design>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES TO>	<Operational Process>	Assess Overall Impact	N/A
<APPLIES TO>	<Operational Process>	Complete Overall Impact Message	N/A
<APPLIES TO>	<Operational Service>	Manage airport performance service	N/A

[REQ]

Identifier	REQ-06.05.04-OSED-AOIP.5046
Requirement	All involved stakeholders shall be notified on every update of the OIM
Title	Notification of OIM update
Status	<In Progress>
Rationale	With this action the involved stakeholders are notified about an OIM update
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Review of Design>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Assess Overall Impact	N/A
<APPLIES_TO>	<Operational Process>	Complete Overall Impact Message	N/A
<APPLIES_TO>	<Operational Service>	Manage airport performance service	N/A

[REQ]

Identifier	REQ-06.05.04-OSED-AOIP.5050
Requirement	An incomplete Overall Impact Message shall not be published. All fields must be filled
Title	Finalises impact message
Status	<In Progress>
Rationale	With the checking and completing by the responsible stakeholder of the message the overall impact message is ready to be published
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Review of Design>

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[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Assess Overall Impact	N/A
<APPLIES_TO>	<Operational Process>	Complete Overall Impact Message	N/A
<APPLIES_TO>	<Operational Service>	Manage airport performance service	N/A

[REQ]

Identifier	REQ-06.05.04-OSED-AOIP.5060
Requirement	The APOC Supervisor or the responsible stakeholder shall be able to cancel the overall impact message
Title	Cancel impact message
Status	<In Progress>
Rationale	With this action the overall impact message will be cancelled
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Review of Design>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Assess Overall Impact	N/A
<APPLIES_TO>	<Operational Process>	Complete Overall Impact Message	N/A
<APPLIES_TO>	<Operational Service>	Manage airport performance service	N/A

[REQ]

Identifier	REQ-06.05.04-OSED-AOIP.5070
Requirement	A complete Overall Impact Message shall only be published once
Title	Uniqueness of OIM publication
Status	<In Progress>
Rationale	In order to avoid multiple Solution Messages for one OIM/Event
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Review of Design>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Assess Overall Impact	N/A

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<APPLIES_TO>	<Operational Process>	Complete Overall Impact Message	N/A
<APPLIES_TO>	<Operational Service>	Manage airport performance service	N/A

1.4.1.1.3 Step 3, Publish Overall Impact Message

[REQ]

Identifier	REQ-06.05.04-OSED-AOIP.7000
Requirement	The responsible stakeholder or the APOC supervisor (depending on the severity level) shall publish the overall impact message through the AOP
Title	Publish overall impact message
Status	<In Progress>
Rationale	The updated overall impact messages is published via the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Review of Design>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES TO>	<Operational Process>	Assess Overall Impact	N/A
<APPLIES TO>	<Operational Process>	Publish overall impact message	N/A
<APPLIES TO>	<Operational Service>	Manage airport performance service	N/A

[REQ]

Identifier	REQ-06.05.04-OSED-AOIP.7010
Requirement	The responsible stakeholder or the APOC supervisor (depending on the severity level) shall have the ability to publish the overall impact message through the AOP
Title	Publish overall impact message
Status	<In Progress>
Rationale	To ensure that the updated overall impact messages can be published via the AOP
Category	<Functional>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Review of Design>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES TO>	<Operational Process>	Assess Overall Impact	N/A

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<APPLIES_TO>	<Operational Process>	Publish overall impact message	N/A
<APPLIES_TO>	<Operational Service>	Manage airport performance service	N/A

1.4.2 Make Decision Process

[REQ]

Identifier	REQ-06.05.04-OSED-MDEC.0110
Requirement	Every Solution Message shall contain: 1. Solution message identifier (unique consecutive number) 2. Alert/Warning Identifier (consecutive number from Monitor) 3. Overall impact message Identifier 4. Additional Goals and Criteria (if necessary) 5. Candidate Solution(s) 6. Selected Solution
Title	Derive Solution for overall impact message
Status	<In Progress>
Rationale	Collect additional information in order to fill in the Solution Message
Category	<Functional>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Review of Design>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES TO>	<Operational Process>	Make decision	N/A
<APPLIES TO>	<Operational Service>	Manage airport performance service	N/A

1.4.2.1 Check acknowledge from stakeholder & contact stakeholder to get acknowledgement

[REQ]

Identifier	REQ-06.05.04-OSED-MDEC.0100
Requirement	The Manage Airport Performance Service shall instantiate a Solution Message based on the overall impact message
Title	Derive Solution for overall impact message
Status	<In Progress>
Rationale	Collect additional information in order to fill in the Solution Message
Category	<Functional>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Review of Design>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance

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<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Make decision	N/A
<APPLIES_TO>	<Operational Service>	Manage airport performance service	N/A

[REQ]

Identifier	REQ-06.05.04-OSED-MDEC.1000
Requirement	All involved stakeholder(s) shall have access to the Overall Impact Message
Title	Check acknowledgement from stakeholder
Status	<In Progress>
Rationale	To ensure that all stakeholder(s) are in line
Category	<Functional>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Review of Design>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Check acknowledgement from stakeholders	N/A
<APPLIES_TO>	<Operational Process>	Make Decision	N/A
<APPLIES_TO>	<Operational Service>	Manage airport performance service	N/A

[REQ]

Identifier	REQ-06.05.04-OSED-MDEC.1020
Requirement	The involved stakeholders shall confirm that the overall impact message has been received, read and understood
Title	Contact stakeholder to get acknowledgement if necessary
Status	<In Progress>
Rationale	To ensure that all stakeholder(s) are in line
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Review of Design>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Contact stakeholder to get acknowledgement	N/A
<APPLIES_TO>	<Operational Process>	Make Decision	N/A
<APPLIES_TO>	<Operational Service>	Manage airport performance service	N/A

[REQ]

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Identifier	REQ-06.05.04-OSED-MDEC.1021
Requirement	If no confirmation is given within a predefined timeframe from the involved stakeholders the APOC Supervisor shall ask for confirmation
Title	Contact stakeholder to get acknowledgement if necessary
Status	<In Progress>
Rationale	To ensure that all stakeholder(s) are in line
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Review of Design>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES TO>	<Operational Process>	Contact stakeholder to get acknowledgement	N/A
<APPLIES TO>	<Operational Process>	Make Decision	N/A
<APPLIES TO>	<Operational Service>	Manage airport performance service	N/A

1.4.2.2 Define additional goals and criteria

[REQ]

Identifier	REQ-06.05.04-OSED-MDEC.1022
Requirement	The APOC supervisor shall check if defined goals and criteria (set by the Airport Steering Board) can be applied
Title	Check applicability of pre-defined goals and criteria
Status	<In Progress>
Rationale	To have the possibility of setting new trigger in order to avoid constant alerts
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Review of Design>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Check applicability of pre-defined goals and criteria	N/A
<APPLIES TO>	<Operational Process>	Make Decision	N/A
<APPLIES TO>	<Operational Service>	Manage airport performance service	N/A

[REQ]

Identifier	REQ-06.05.04-OSED-MDEC.2500

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Requirement	The APOC supervisor in collaboration with other stakeholders shall define additional goals/criteria if necessary
Title	Define additional goals and criteria
Status	<In Progress>
Rationale	To set new trigger (s) in order to avoid constant alerts
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Review of Design>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES TO>	<Operational Process>	Define additional goals and criteria	N/A
<APPLIES TO>	<Operational Process>	Make Decision	N/A
<APPLIES TO>	<Operational Service>	Manage airport performance service	N/A

[REQ]

Identifier	REQ-06.05.04-OSED-MDEC.2600
Requirement	These additional goals/criteria shall have predefined temporal validity
Title	Define additional goals and criteria
Status	<In Progress>
Rationale	To set new threshold(s) in order to avoid constant alerts
Category	<Functional>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Review of Design>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES TO>	<Operational Process>	Define additional goals and criteria	N/A
<APPLIES_TO>	<Operational Process>	Make Decision	N/A
<APPLIES TO>	<Operational Service>	Manage airport performance service	N/A

[REQ]

Identifier	REQ-06.05.04-OSED-MDEC.2610
Requirement	The APOC supervisor shall have the ability to adjust the predefined temporal goals/criteria
Title	Define additional goals and criteria
Status	<In Progress>
Rationale	To set new threshold(s) in order to avoid constant alerts
Category	<Functional>

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Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Review of Design>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES TO>	<Operational Process>	Define additional goals and criteria	N/A
<APPLIES TO>	<Operational Process>	Make Decision	N/A
<APPLIES TO>	<Operational Service>	Manage airport performance service	N/A

1.4.2.3 Search for predefined solutions & check applicability if predefined solutions & Define ad-hoc solution

[REQ]

Identifier	REQ-06.05.04-OSED-MDEC.3000
Requirement	A predefined solution table shall describe predefined candidate solution(s) for a deviation or disruption (adverse condition)
Title	Search for pre-defined solution(s)
Status	<In Progress>
Rationale	Use experiences from the past
Category	<Functional>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Review of Design>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Search for predefined solutions	N/A
<APPLIES TO>	<Operational Process>	Make Decision	N/A
<APPLIES TO>	<Operational Service>	Manage airport performance service	N/A

[REQ]

Identifier	REQ-06.05.04-OSED-MDEC.3010
Requirement	A table containing predefined candidate solutions in case of a deviation or disruption (adverse condition) shall be accessible to the APOC supervisor and the involved stakeholders
Title	Search for pre-defined solution(s)
Status	<In Progress>
Rationale	Use experiences from the past in form of a table
Category	<Functional>
Validation Method	<Gaming Technique (Agent Based Analysis)>

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Verification Method	<Review of Design>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Search for predefined solutions	N/A
<APPLIES_TO>	<Operational Process>	Make Decision	N/A
<APPLIES_TO>	<Operational Service>	Manage airport performance service	N/A

[REQ]

Identifier	REQ-06.05.04-OSED-MDEC.3011
Requirement	All involved stakeholders shall be able to retrieve data and select best possible candidate solution(s) (maximum three) from the predefined solution table
Title	Search for pre-defined solution(s)
Status	<In Progress>
Rationale	Use experiences from the past in form of predefined solution table
Category	<Functional>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Review of Design>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Search for predefined solutions	N/A
<APPLIES_TO>	<Operational Process>	Make Decision	N/A
<APPLIES_TO>	<Operational Service>	Manage airport performance service	N/A

[REQ]

Identifier	REQ-06.05.04-OSED-MDEC.3012
Requirement	The retrieved solution(s) shall be inserted into the solution message
Title	Update Solution Message
Status	<In Progress>
Rationale	To ensure that the solution message can be updated with the new information
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Review of Design>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>

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<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Search for predefined solutions	N/A
<APPLIES_TO>	<Operational Process>	Make Decision	N/A
<APPLIES_TO>	<Operational Service>	Manage airport performance service	N/A

[REQ]

Identifier	REQ-06.05.04-OSED-MDEC.3013
Requirement	All involved stakeholders shall check the applicability of the three candidate solutions
Title	Check applicability of pre-defined solutions
Status	<In Progress>
Rationale	To ensure the usage of solutions already applied in the past
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Review of Design>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES TO>	<Operational Process>	Check applicability of pre-defined solutions	N/A
<APPLIES TO>	<Operational Process>	Make Decision	N/A
<APPLIES TO>	<Operational Service>	Manage airport performance service	N/A

[REQ]

Identifier	REQ-06.05.04-OSED-MDEC.3016
Requirement	The involved stakeholder shall have the ability to update the candidate solutions in the solution message
Title	Update solution Message
Status	<In Progress>
Rationale	To ensure that the solution message can be updated with the new information
Category	<Functional>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Review of Design>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES TO>	<Operational Process>	Check applicability of pre-defined solutions	N/A
<APPLIES TO>	<Operational Process>	Make Decision	N/A
<APPLIES TO>	<Operational Service>	Manage airport performance service	N/A

[REQ]

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Identifier	REQ-06.05.04-OSED-MDEC.3014
Requirement	All involved stakeholders shall be able to define new ad-hoc solutions
Title	Define ad-hoc solution(s)
Status	<In Progress>
Rationale	In case no pre-defined solutions are available, new ad-hoc solutions must be defined
Category	<Functional>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Review of Design>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES TO>	<Operational Process>	Define ad-hoc solutions	N/A
<APPLIES TO>	<Operational Process>	Make Decision	N/A
<APPLIES TO>	<Operational Service>	Manage airport performance service	N/A

[REQ]

Identifier	REQ-06.05.04-OSED-MDEC.3015
Requirement	The new ad-hoc solution(s) shall be adhered to the solution message
Title	Update solution Message
Status	<In Progress>
Rationale	To ensure that the solution message can be updated with the new information
Category	<Functional>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Review of Design>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Define ad-hoc solutions	N/A
<APPLIES_TO>	<Operational Process>	Make Decision	N/A
<APPLIES_TO>	<Operational Service>	Manage airport performance service	N/A

1.4.2.4 Assess impact of candidate solutions

[REQ]

Identifier	REQ-06.05.04-OSED-MDEC.5000
Requirement	Each involved stakeholder shall determine, by means of the stakeholders system, the impact of the candidate solutions
Title	Assess impact of candidate solution(s)

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Status	<In Progress>
Rationale	Assess impact of candidate solution(s)
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Review of Design>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES TO>	<Operational Process>	Assess Impact of candidate solution	N/A
<APPLIES TO>	<Operational Process>	Make Decision	N/A
<APPLIES TO>	<Operational Service>	Manage airport performance service	N/A

[REQ]

Identifier	REQ-06.05.04-OSED-MDEC.5030
Requirement	All involved stakeholders shall have the ability to update the impact of candidate solutions
Title	Assess impact of candidate solution(s)
Status	<In Progress>
Rationale	Ability for all stakeholder(s) to be able to update the impact of the candidate solutions
Category	<Functional>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Review of Design>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES TO>	<Operational Process>	Assess Impact of candidate solution	N/A
<APPLIES TO>	<Operational Process>	Make Decision	N/A
<APPLIES TO>	<Operational Service>	Manage airport performance service	N/A

[REQ]

Identifier	REQ-06.05.04-OSED-MDEC.5050
Requirement	All involved stakeholders and APOC supervisor shall have access to the impact of candidate solutions
Title	Assess impact of candidate solution(s)
Status	<In Progress>
Rationale	Ability for all stakeholder(s) to have access to the impact on solutions from each other
Category	<Functional>

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Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Review of Design>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES TO>	<Operational Process>	Assess Impact of candidate solution	N/A
<APPLIES TO>	<Operational Process>	Make Decision	N/A
<APPLIES TO>	<Operational Service>	Manage airport performance service	N/A

[REQ]

Identifier	REQ-06.05.04-OSED-MDEC.5060
Requirement	All candidate solutions shall be shared amongst all involved stakeholders
Title	Sharing candidate solution(s)
Status	<In Progress>
Rationale	Ability for all stakeholder(s) to have access all proposed candidate solutions
Category	<Functional>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Review of Design>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES TO>	<Operational Process>	Assess Impact of candidate solution	N/A
<APPLIES TO>	<Operational Process>	Make Decision	N/A
<APPLIES_TO>	<Operational Service>	Manage airport performance service	N/A

1.4.2.5 Negotiate solution against stakeholders preferences & Select solution

[REQ]

Identifier	REQ-06.05.04-OSED-MDEC.6000
Requirement	All involved stakeholder and APOC supervisor shall negotiate on a possible final agreed solution, taking into account the additional goals and criteria
Title	Negotiate solutions against stakeholder preference
Status	<In Progress>
Rationale	Collaborative decision making according to Airport CDM procedures
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Review of Design>

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[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Negotiate solutions against stakeholder preference	N/A
<APPLIES TO>	<Operational Process>	Make decision	N/A
<APPLIES TO>	<Operational Service>	Manage airport performance service	N/A

[REQ]

Identifier	REQ-06.05.04-OSED-MDEC.6010
Requirement	An agreed solution shall be selected and published
Title	Select Solution
Status	<In Progress>
Rationale	Find a solution with Collaborative decision making
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Review of Design>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Select Solution	N/A
<APPLIES_TO>	<Operational Process>	Make decision	N/A
<APPLIES_TO>	<Operational Service>	Manage airport performance service	N/A

1.4.2.6 APOC supervisor takes decision

[REQ]

Identifier	REQ-06.05.04-OSED-MDEC.6011
Requirement	If no agreed solution can be selected the APOC supervisor shall take a decision and publish the completed solution message
Title	APOC supervisor takes decision
Status	<In Progress>
Rationale	In case of no agreed solution
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Review of Design>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>

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<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Select Solution	N/A
<APPLIES_TO>	<Operational Process>	Make decision	N/A
<APPLIES_TO>	<Operational Service>	Manage airport performance service	N/A

[REQ]

Identifier	REQ-06.05.04-OSED-MDEC.6013
Requirement	The Solution Message Identifier shall be linked to Alert/Warning Code
Title	Update Solution Message
Status	<In Progress>
Rationale	To ensure that the solution message can be linked to the Alert/Warning Code in order to complete the information
Category	<Functional>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Review of Design>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Select Solution	N/A
<APPLIES_TO>	<Operational Process>	Make decision	N/A
<APPLIES_TO>	<Operational Service>	Manage airport performance service	N/A

1.4.2.7 Publish solution

[REQ]

Identifier	REQ-06.05.04-OSED-MDEC.6014
Requirement	The selected solution shall be published
Title	Publish Solution
Status	<In Progress>
Rationale	To ensure that the solution is known to all stakeholders in order to implement the solution in the system and continue operations accordingly
Category	<Functional>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Review of Design>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Make decision	N/A

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<APPLIES_TO>	<Operational Process>	Publish solution	N/A
<APPLIES_TO>	<Operational Service>	Manage airport performance service	N/A

[REQ]

Identifier	REQ-06.05.04-OSED-MDEC.6015
Requirement	The APOC supervisor shall update the selected solution into the solution message (item 6)
Title	Publish Solution
Status	<In Progress>
Rationale	To ensure that the solution is recorded in the solution message
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Review of Design>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES TO>	<Operational Process>	Make decision	N/A
<APPLIES TO>	<Operational Process>	Publish solution	N/A
<APPLIES TO>	<Operational Service>	Manage airport performance service	N/A

[REQ]

Identifier	REQ-06.05.04-OSED-MDEC.6016
Requirement	The APOC supervisor shall have the ability to update the selected solution into the solution message (item 6)
Title	Publish Solution
Status	<In Progress>
Rationale	To ensure that the solution is recorded in the solution message
Category	<Functional>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Review of Design>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES TO>	<Operational Process>	Make decision	N/A
<APPLIES TO>	<Operational Process>	Publish solution	N/A
<APPLIES TO>	<Operational Service>	Manage airport performance service	N/A

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1.4.2.8 Stakeholder implement solution

[REQ]

Identifier	REQ-06.05.04-OSED-MDEC.7000
Requirement	The involved stakeholder shall implement the selected solution into the part of AOP which is under its responsibility
Title	Stakeholder implement solution
Status	<In Progress>
Rationale	To ensure that the solution is implemented in the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Review of Design>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Make decision	N/A
<APPLIES_TO>	<Operational Process>	Publish solution	N/A
<APPLIES_TO>	<Operational Service>	Manage airport performance service	N/A

1.4.3 Development and update of the Predefined solution table

[REQ]

Identifier	REQ-06.05.04-OSED-ADCO.0001
Requirement	Predefined solution table shall be initiated through a questionnaire
Title	Instantiate the Predefined solution table
Status	<In Progress>
Rationale	Initial filling of a predefined solution table with individual candidate solutions from stakeholders
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Review of Design>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Instantiate Predefined Solution Table	N/A
<APPLIES_TO>	<Operational Process>	Make Decision	N/A
<APPLIES_TO>	<Operational Service>	Manage airport performance service	N/A

[REQ]

Identifier	REQ-06.05.04-OSED-ADCO.0002

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Requirement	The Predefined solution table shall be updated by all involved stakeholders
Title	Update the Predefined solution table
Status	<In Progress>
Rationale	Update of a table with individual candidate solutions from stakeholders
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Review of Design>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Instantiate Predefined Solution Table	N/A
<APPLIES_TO>	<Operational Process>	Make Decision	N/A
<APPLIES_TO>	<Operational Service>	Manage airport performance service	N/A

[REQ]

Identifier	REQ-06.05.04-OSED-ADCO.0010
Requirement	The APOC supervisor and/or involved stakeholder shall have the possibility to update the table containing predefined candidate solutions for deviation or disruption (adverse condition)
Title	Update Predefined Solution Table
Status	<In Progress>
Rationale	Update the existing table with new candidate solutions
Category	<Functional>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Review of Design>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Service>	Manage airport performance service	N/A

[REQ]

Identifier	REQ-06.05.04-OSED-ADCO.0011
Requirement	The Predefined solution table shall be part of the AOP
Title	Publish updated Predefined Solution Table
Status	<In Progress>
Rationale	The Predefined solution table with all included information shall be a content of the AOP
Category	<Functional>
Validation Method	<Gaming Technique (Agent Based Analysis)>

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Verification Method	<Review of Design>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0053	<Partial>
<APPLIES_TO>	<Operational Service>	Manage airport performance service	N/A

[REQ]

Identifier	REQ-06.05.04-OSED-ADCO.0012
Requirement	Every stakeholder shall have access only to their own record sets in the predefined solution table
Title	Update Predefined Solution Table
Status	<In Progress>
Rationale	The stakeholder shall have access to its own information in the predefined solution table to view the candidate solutions
Category	<Functional>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Review of Design>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Service>	Manage airport performance service	N/A

[REQ]

Identifier	REQ-06.05.04-OSED-ADCO.0013
Requirement	The stakeholder shall have the ability to search for a code (alert/warning code) as defined in the overall impact message. (see REQ-06.05.04-OSED-AOIP.1020)
Title	Search for a code
Status	<In Progress>
Rationale	Every specific deviation or disruption (adverse condition) will be identified by an alert/warning code. The stakeholder shall have the possibility to search for this code in the database
Category	<Functional>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Review of Design>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>

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<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Make Decision	N/A
<APPLIES_TO>	<Operational Process>	Search for predefined solution	N/A
<APPLIES_TO>	<Operational Service>	Manage airport performance service	N/A

[REQ]

Identifier	REQ-06.05.04-OSED-ADCO.0014
Requirement	The APOC supervisor shall have read access to all record sets concerning the alert/warning code from the overall impact message from all involved stakeholders
Title	Search for predefined solutions
Status	<In Progress>
Rationale	This retrieved information by the stakeholder must be visible to the APOC Supervisor
Category	<Functional>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Review of Design>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Make Decision	N/A
<APPLIES_TO>	<Operational Process>	Search for predefined solution	N/A
<APPLIES_TO>	<Operational Service>	Manage airport performance service	N/A

[REQ]

Identifier	REQ-06.05.04-OSED-ADCO.0015
Requirement	The Predefined solution table shall contain the following columns: 1. Stakeholder name 2. Cancel flight 3. Delay flight 4. Change TOBT 5. Change TSAT 6. Change TTOT 7. Change TTA 8. Repositioning 9. Other 10. Comments 11. Alert/Warning Code 12. Alert/Warning description 13. Candidate Solutions
Title	Instantiate Predefined Solution Table
Status	<In Progress>
Rationale	The predefined solution table shall show the above mentioned columns

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Category	<Functional>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Review of Design>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES TO>	<Operational Process>	Instantiate Predefined Solution Table	N/A
<APPLIES TO>	<Operational Process>	Make Decision	N/A
<APPLIES TO>	<Operational Service>	Manage airport performance service	N/A

1.4.4 DCB requirements related to Manage Airport Performance

[REQ]

Identifier	REQ-06.05.03-OSED-MNGE.0001
Requirement	The responsible stakeholder(s) for assessing and updating resource capacities (taxiway, TMA, runway and/or stand) shall inform all affected stakeholders before taking action
Title	coordinate capacity change management
Status	<In Progress>
Rationale	Common Situational awareness among stakeholders
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES TO>	<Operational Service>	Manage airport performance service	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-MNGE.0002
Requirement	Whenever a capacity value (taxiway, TMA, runway and/or stand) is changed, this change shall immediately be included in Airport-DCB
Title	coordinate capacity change management
Status	<In Progress>
Rationale	Common Situational awareness among stakeholders
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	

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[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES TO>	<Operational Service>	Manage airport performance service	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-MNGE.0010
Requirement	The Tower Supervisor shall coordinate with the other APOC members before entering a changed in runway usability
Title	coordinate runway usability
Status	<In Progress>
Rationale	events like snow removal require coordination
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Service>	Manage airport performance service	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-MNGE.0020
Requirement	The Airport Tower Supervisor or the APOC Supervisor (staff) shall start an Airport-DCB assessment to find an Airport-DCB solution in case a KPI alert is raised by the Airport-DCB monitoring function
Title	manual DCB recalculation
Status	<In Progress>
Rationale	find solution proposals
Category	<Functional>
Validation Method	<Real Time Simulation>
Verification Method	

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES TO>	<Operational Process>	Determine overall impact on KPI	N/A
<APPLIES TO>	<Operational Service>	Manage airport performance service	N/A

[REQ]

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Identifier	REQ-06.05.03-OSED-MNGE.0030
Requirement	The APOC members shall evaluate the proposed Airport-DCB solutions in terms of KPI balance / prioritisation
Title	evaluation of DCB solution proposal
Status	<In Progress>
Rationale	finding best soltution
Category	<Operational>
Validation Method	<Real Time Simulation>
Verification Method	

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Negotiate solution against stakeholder preference	N/A
<APPLIES_TO>	<Operational Service>	Manage airport performance service	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-MNGE.0040
Requirement	The Airport Tower Supervisor and (other) APOC members shall be able to evaluate the impact of each solution on other parts of the airport process by running “what-if” scenario(s) of the proposed solution in the process monitors of the AOP (e.g. effects on stand and gate management) to analyse possible consecutive constraints or alerts before deciding on one solution
Title	evaluate DCB solution effect on remaining airport
Status	<In Progress>
Rationale	analyse effect on areas that are not subject to DCB optimization. The Airport-DCB monitor function is part of the AOP process monitors
Category	<Functional>
Validation Method	<Real Time Simulation>
Verification Method	

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Negotiate solution against stakeholder preference	N/A
<APPLIES_TO>	<Operational Service>	Manage airport performance service	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-MNGE.0050

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Requirement	The APOC members and the Airport Tower supervisor shall agree on one Airport-DCB solution and select it for activation whenever DCB decision needs to be taken
Title	DCB solution agreement
Status	<In Progress>
Rationale	solution has to be agreed
Category	<Operational>
Validation Method	<Real Time Simulation>
Verification Method	

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Negotiate solution against stakeholder preference	N/A
<APPLIES_TO>	<Operational Service>	Manage airport performance service	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-MNGE.0051
Requirement	When no agreement can be reached, the APOC supervisor shall make the final decision in the selection and activation of an Airport-DCB solution
Title	DCB solution agreement
Status	<In Progress>
Rationale	solution has to be agreed
Category	<Operational>
Validation Method	<Real Time Simulation>
Verification Method	

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Negotiate solution against stakeholder preference	N/A
<APPLIES_TO>	<Operational Service>	Manage airport performance service	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-MNGE.0060
Requirement	The Airport Tower supervisor shall activate the agreed/chosen Airport-DCB solution
Title	activation of DCB solution in planning
Status	<In Progress>
Rationale	chosen solution needs to be activated

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Category	<Functional>
Validation Method	<Real Time Simulation>
Verification Method	

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES TO>	<Operational Service>	Manage airport performance service	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-MNGE.0070
Requirement	In case the agreed / chosen solution consists of a change in runway configuration or operating mode the Airport Tower Supervisor in coordination with the Tower Runway Controller(s) and Tower Ground Controller(s) establishes the chosen / agreed runway configuration and/or operating mode at the earliest practical moment
Title	establish solution
Status	<In Progress>
Rationale	operational measures must be taken to establish solution. A change in runway configuration and/or operating mode cannot be implemented at once but needs some activation/ implementation time, dependent on local and/or traffic conditions
Category	<Operational>
Validation Method	<Real Time Simulation>
Verification Method	

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES TO>	<Operational Service>	Manage airport performance service	N/A

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1.5 Perform Post Operation Analysis Service

1.5.1 Requirements for the Record Airport Performance Data Process

[REQ]

Identifier	REQ-06.06.01-OSED-POPS.0001
Requirement	The Post Operations Analysis Platform shall record the following information as soon as any data is created or updated: Planned and actual operational data contained in the AOP; Alert and warning messages generated by the Monitor Airport Performance Service; Solution message generated by the Manage Airport Performance Service; OSB agreed parameters
Title	Information recording for post operations analysis
Status	<In Progress>
Rationale	Recording information is mandatory to perform post operations analysis
Category	<Functional><Operational>
Validation Method	< Shadow Mode >
Verification Method	

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES TO>	<Operational Process>	Record Airport Performance Data	N/A
<APPLIES TO>	<Operational Service>	Perform Post Operations Analysis	N/A

[REQ]

Identifier	REQ-06.06.01-OSED-POPS.0002
Requirement	When recording any data, the Post Operations Analysis Platform shall also record the date and time the data is created or updated
Title	Date and time recording for post operations analysis
Status	<In Progress>
Rationale	Recording the date and time of any data will allow the post operations analysis to assess the sequence of events
Category	<Functional><Operational>
Validation Method	< Shadow Mode >
Verification Method	

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>

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<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Record Airport Performance Data	N/A
<APPLIES_TO>	<Operational Service>	Perform Post Operations Analysis	N/A

[REQ]

Identifier	REQ-06.06.01-OSED-POPS.0003
Requirement	When recoding any data, the Post Operations Analysis Platform shall also record the source of the data
Title	Source recording for post operations analysis
Status	<In Progress>
Rationale	Being able to identify the source of any data is key to perform post operations analysis
Category	<Functional><Operational>
Validation Method	< Shadow Mode >
Verification Method	

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Record Airport Performance Data	N/A
<APPLIES_TO>	<Operational Service>	Perform Post Operations Analysis	N/A

[REQ]

Identifier	REQ-06.06.01-OSED-POPS.0004
Requirement	The AOP shall check the format of any data it contains
Title	Data format check in the AOP for post operations analysis
Status	<In Progress>
Rationale	The post operations analysis needs data to be recorded in the correct format
Category	<Functional><Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Record Airport Performance Data	N/A
<APPLIES_TO>	<Operational Service>	Perform Post Operations Analysis	N/A

[REQ]

Identifier	REQ-06.06.01-OSED-POPS.0005

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Requirement	The AOP shall check the consistency of any data it contains with the other related data (e.g. AOBT cannot be later than ATOT)
Title	Data consistency check in the AOP for post operations analysis
Status	<In Progress>
Rationale	The post operations analysis needs recorded data to be consistent
Category	<Functional><Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES TO>	<Operational Process>	Record Airport Performance Data	N/A
<APPLIES TO>	<Operational Service>	Perform Post Operations Analysis	N/A

[REQ]

Identifier	REQ-06.06.01-OSED-POPS.0006
Requirement	The data recorded by the Post Operations Analysis Platform shall be accessible at any time by the Post Operations Analyst
Title	Recorded data accessibility for post operations analysis
Status	<In Progress>
Rationale	The post operations analysis may be triggered at any time after the operations
Category	<Functional><Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES TO>	<Operational Process>	Record Airport Performance Data	N/A
<APPLIES TO>	<Operational Service>	Perform Post Operations Analysis	N/A

1.5.2 Requirements for the Initiate Post Operations Analysis Report Process

[REQ]

Identifier	REQ-06.06.01-OSED-POPS.0007

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Requirement	The Post Operations Analyst shall have access to all and only the data required to produce the post operations analysis report he / she is mandated to produce: Indicators to be included in the report and associated data; Periodicity of the report; Addressees of the report
Title	Data access for standard post operations analysis report
Status	<In Progress>
Rationale	The Post Operations Analysis Platform needs to access all the elements to produce standard post operations analysis reports as requested by the OSB
Category	<Functional><Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES TO>	<Operational Process>	Initiate Post Operations Analysis	N/A
<APPLIES TO>	<Operational Service>	Perform Post Operations Analysis	N/A

[REQ]

Identifier	REQ-06.06.01-OSED-POPS.0008
Requirement	The Post Operations Analysis Platform shall automatically select the relevant template when it is time to generate a standard post operations analysis report
Title	Automatic selection of post operations analysis report template
Status	<In Progress>
Rationale	The production of a standard post operations analysis report has to be automated
Category	<Functional><Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES TO>	<Operational Process>	Initiate Post Operations Analysis	N/A
<APPLIES TO>	<Operational Service>	Perform Post Operations Analysis	N/A

[REQ]

Identifier	REQ-06.06.01-OSED-POPS.0011
Requirement	The Post Operations Analysis Platform shall allow the Post Operations Analyst to build a list of data on the basis of indicators (i.e. formula combining these data together)
Title	Manual identification of data to build an indicator

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Status	<In Progress>
Rationale	The Post Operations Analyst has to have the possibility to build any indicator as part of a standard post operations analysis report to a specific request
Category	<Functional><Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Initiate Post Operations Analysis	N/A
<APPLIES_TO>	<Operational Service>	Perform Post Operations Analysis	N/A

[REQ]

Identifier	REQ-06.06.01-OSED-POPS.0012
Requirement	The Post Operations Analysis Platform shall allow the Post Operations Analyst to define the format of an ad-hoc post operations analysis report template
Title	Manual formatting of an ad-hoc post operations analysis report
Status	<In Progress>
Rationale	The Post Operations Analyst has to have the possibility to define the format of an ad-hoc post operations analysis report to a specific request
Category	<Functional><Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Initiate Post Operations Analysis	N/A
<APPLIES_TO>	<Operational Service>	Perform Post Operations Analysis	N/A

[REQ]

Identifier	REQ-06.06.01-OSED-POPS.0013
Requirement	The Post Operations Analysis Platform shall allow the Post Operations Analyst to define the layout of an ad-hoc post operations analysis report template
Title	Manual design of the layout of an ad-hoc post operations analysis report
Status	<In Progress>
Rationale	The Post Operations Analyst has to have the possibility to define the layout of an ad-hoc post operations analysis report to a specific request
Category	<Functional><Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>

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Verification Method	

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Initiate Post Operations Analysis	N/A
<APPLIES_TO>	<Operational Service>	Perform Post Operations Analysis	N/A

[REQ]

Identifier	REQ-06.06.01-OSED-POPS.0014
Requirement	The Post Operations Analysis Platform shall allow the Post Operations Analyst to define the expected content of an ad-hoc post operations analysis report template
Title	Manual design of the content of an ad-hoc post operations analysis report
Status	<In Progress>
Rationale	The Post Operations Analyst has to have the possibility to define the content of an ad-hoc post operations analysis report to a specific request
Category	<Functional><Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES TO>	<Operational Process>	Initiate Post Operations Analysis	N/A
<APPLIES TO>	<Operational Service>	Perform Post Operations Analysis	N/A

[REQ]

Identifier	REQ-06.06.01-OSED-POPS.0018
Requirement	The Post Operations Analysis Platform shall allow the Post Operations Analyst to define the periodicity of an ad-hoc post operations analysis report template
Title	Manual definition of the periodicity of an ad-hoc post operations analysis report
Status	<In Progress>
Rationale	The Post Operations Analyst has to have the possibility to define the periodicity of an ad-hoc post operations analysis report to comply to a specific request
Category	<Functional><Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>

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<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Initiate Post Operations Analysis	N/A
<APPLIES_TO>	<Operational Service>	Perform Post Operations Analysis	N/A

[REQ]

Identifier	REQ-06.06.01-OSED-POPS.0019
Requirement	The Post Operations Analysis Platform shall allow the Post Operations Analyst to define the addressees of an ad-hoc post operations analysis report template
Title	Manual definition of the addressees of an ad-hoc post operations analysis report
Status	<In Progress>
Rationale	The Post Operations Analyst has to have the possibility to define the addressees of an ad-hoc post operations analysis report to comply to a specific request
Category	<Functional><Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES TO>	<Operational Process>	Initiate Post Operations Analysis	N/A
<APPLIES TO>	<Operational Service>	Perform Post Operations Analysis	N/A

[REQ]

Identifier	REQ-06.06.01-OSED-POPS.0009
Requirement	The Post Operations Analysis Platform shall record an ad-hoc post operations analysis report template when prompted by the Post Operations Analyst
Title	Recording of an ad-hoc post operations analysis report template
Status	<In Progress>
Rationale	Recording an ad-hoc post operations analysis report template may allow the airport stakeholder who has created the ad-hoc report to use it again later or it may be submitted to the OSB to become a Standard Post Operations Analysis report
Category	<Functional><Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES TO>	<Operational Process>	Initiate Post Operations Analysis	N/A
<APPLIES TO>	<Operational Service>	Perform Post Operations Analysis	N/A

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[REQ]

Identifier	REQ-06.06.01-OSED-POPS.0023
Requirement	The standard post operations analysis report templates recorded by the Post Operations Analysis Platform shall be accessible at any time
Title	Standard post operations analysis report template accessibility for post operations analysis
Status	<In Progress>
Rationale	The post operations analysis may be triggered at any time after the operations
Category	<Functional><Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES TO>	<Operational Process>	Initiate Post Operations Analysis	N/A
<APPLIES TO>	<Operational Service>	Perform Post Operations Analysis	N/A

[REQ]

Identifier	REQ-06.06.01-OSED-POPS.0024
Requirement	The Post Operations Analysis Platform shall retrieve the data needed to produce a raw post operations analysis report from: The recorded planned and actual operational data; The recorded alert messages and warning messages; The recorded Overall Impact messages; The recorded solution messages; The recorded OSB agreed parameters
Title	Data needed to produce a raw post operations analysis report
Status	<In Progress>
Rationale	The production of a raw post operations analysis report has to be supported by a system
Category	<Functional><Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES TO>	<Operational Process>	Initiate Post Operations Analysis	N/A
<APPLIES TO>	<Operational Service>	Perform Post Operations Analysis	N/A

[REQ]

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Identifier	REQ-06.06.01-OSED-POPS.0025
Requirement	The Post Operations Analysis Platform shall produce a raw post operations analysis report by filling in the corresponding template with the retrieved data
Title	Production of a raw post operations analysis report
Status	<In Progress>
Rationale	The production of a raw post operations analysis report has to be supported by a system
Category	<Functional><Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES TO>	<Operational Process>	Initiate Post Operations Analysis	N/A
<APPLIES TO>	<Operational Service>	Perform Post Operations Analysis	N/A

1.5.3 Requirements for the Prepare Post Operations Analysis Report Process

[REQ]

Identifier	REQ-06.06.01-OSED-POPS.0026
Requirement	The Post Operations Analysis Platform shall detect outliers in data sets in a raw post operations analysis report
Title	Anomaly detection in a raw post operations analysis report
Status	<In Progress>
Rationale	The system has to do a 1st quality check on the raw post operations analysis report
Category	<Functional><Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES TO>	<Operational Process>	Prepare Post Operations Analysis	N/A
<APPLIES_TO>	<Operational Service>	Perform Post Operations Analysis	N/A

[REQ]

Identifier	REQ-06.06.01-OSED-POPS.0027

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Requirement	The Post Operations Analysis Platform shall contain a contact database of operational experts that the Post Operations Analyst can contact to get expertise in analysing a post operations analysis report
Title	Contact database of operational experts for post operations analysis support
Status	<In Progress>
Rationale	The Post Operations Analyst may need some expert support to perform the analysis
Category	<Functional><Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES TO>	<Operational Process>	Prepare Post Operations Analysis	N/A
<APPLIES TO>	<Operational Service>	Perform Post Operations Analysis	N/A

[REQ]

Identifier	REQ-06.06.01-OSED-POPS.0028
Requirement	The Post Operations Analysis Platform shall allow the Post Operations Analyst to search and select any recorded data using any characteristic of the data
Title	Search and select capability of the Post Operations Analysis Platform
Status	<In Progress>
Rationale	The Post Operations Analyst has to have an easy and fast way to access any data he/she may need to perform the analysis
Category	<Design><Functional><Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES TO>	<Operational Process>	Prepare Post Operations Analysis	N/A
<APPLIES_TO>	<Operational Service>	Perform Post Operations Analysis	N/A

[REQ]

Identifier	REQ-06.06.01-OSED-POPS.0029

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Requirement	The Post Operations Analysis Platform shall allow the Post Operations Analyst to complete the post operations analysis report with data extracted from: The recorded OSB agreed parameters; The recorded planned and actual operational data; The recorded alert messages and warning messages; The recorded Overall Impact messages; The recorded solution messages
Title	Inclusion of additional data in a post operations analysis report
Status	<In Progress>
Rationale	The Post Operations Analyst has to have the possibility to correct and fine tune a post operations analysis report
Category	<Functional><Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES TO>	<Operational Process>	Prepare Post Operations Analysis	N/A
<APPLIES TO>	<Operational Service>	Perform Post Operations Analysis	N/A

[REQ]

Identifier	REQ-06.06.01-OSED-POPS.0030
Requirement	The Post Operations Analysis Platform shall allow the Post Operations Analyst to modify any field of a post operations analysis report
Title	Modification of a post operations analysis report
Status	<In Progress>
Rationale	The Post Operations Analyst has to have the possibility to correct and fine tune a post operations analysis report
Category	<Functional><Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Prepare Post Operations Analysis	N/A
<APPLIES TO>	<Operational Service>	Perform Post Operations Analysis	N/A

[REQ]

Identifier	REQ-06.06.01-OSED-POPS.0031

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Requirement	The Post Operations Analysis Platform shall allow the Post Operations Analyst to add free text explanations and comments to the indicators and diagrams in a post operations analysis report
Title	Addition of free text and comments to a post operations analysis report
Status	<In Progress>
Rationale	The Post Operations Analyst has to have the possibility to correct and fine tune a post operations analysis report
Category	<Functional><Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES TO>	<Operational Process>	Prepare Post Operations Analysis	N/A
<APPLIES TO>	<Operational Service>	Perform Post Operations Analysis	N/A

1.5.4 Requirements for the Publish Post Operations Analysis Report Process

[REQ]

Identifier	REQ-06.06.01-OSED-POPS.0032
Requirement	The Post Operations Analysis Platform shall select the addressees of an initial post operations analysis report from the list of addressees contained in the dynamic post operations analysis report template
Title	Selection of the addressees of an initial post operations analysis report for comments
Status	<In Progress>
Rationale	The initial post operations analysis report has to be sent for comments automatically
Category	<Functional><Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Publish Post Operations Analysis	N/A
<APPLIES_TO>	<Operational Service>	Perform Post Operations Analysis	N/A

[REQ]

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Identifier	REQ-06.06.01-OSED-POPS.0033
Requirement	The Post Operations Analysis Platform shall allow the Post Operations Analyst to send a draft post operations analysis report to its addressees
Title	Distribution of a draft post operations analysis report for comments
Status	<In Progress>
Rationale	The Post Operations Analyst has to have the possibility to send a draft post operations analysis report for comments depending on the type and sensibility of the report
Category	<Functional><Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES TO>	<Operational Process>	Publish Post Operations Analysis	N/A
<APPLIES TO>	<Operational Service>	Perform Post Operations Analysis	N/A

[REQ]

Identifier	REQ-06.06.01-OSED-POPS.0034
Requirement	The Post Operations Analysis Platform shall allow the designated stakeholder to add comments on the draft report without modifying the data
Title	Addition of comments to a draft post operations analysis report
Status	<In Progress>
Rationale	The stakeholders concerned have to have the possibility to comment a draft post operations analysis report depending on the type and sensibility of the report before its publication
Category	<Functional><Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES TO>	<Operational Process>	Publish Post Operations Analysis	N/A
<APPLIES TO>	<Operational Service>	Perform Post Operations Analysis	N/A

[REQ]

Identifier	REQ-06.06.01-OSED-POPS.0035

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Requirement	The Post Operations Analysis Platform shall allow the Post Operations Analyst to trace the modifications made following a comment received from an airport stakeholder and the sender of the comment
Title	Tracing modifications and comments to a draft post operations analysis report
Status	<In Progress>
Rationale	The Post Operations Analyst has to be able to easily trace the comments and modifications to a draft post operations analysis report made by the relevant stakeholders
Category	<Design><Functional><Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Publish Post Operations Analysis	N/A
<APPLIES_TO>	<Operational Service>	Perform Post Operations Analysis	N/A

[REQ]

Identifier	REQ-06.06.01-OSED-POPS.0036
Requirement	The Post Operations Analysis Platform shall record the decision made on the common analysis by each individual stakeholder with the name and function of each airport stakeholder representative involved and the date and time of the decision
Title	Common analysis recording for post operations analysis
Status	<In Progress>
Rationale	All the common analyses have to be recorded to produce a report and in case of dispute between the stakeholders
Category	<Functional><Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Publish Post Operations Analysis	N/A
<APPLIES_TO>	<Operational Service>	Perform Post Operations Analysis	N/A

[REQ]

Identifier	REQ-06.06.01-OSED-POPS.0037

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Requirement	The Post Operations Analysis Platform shall allow the Post Operations Analyst to send a final post operations analysis report to its addressees
Title	Publication of a final post operations analysis report
Status	<In Progress>
Rationale	The final post operations analysis report has to be published to the relevant stakeholders
Category	<Functional><Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Publish Post Operations Analysis	N/A
<APPLIES_TO>	<Operational Service>	Perform Post Operations Analysis	N/A

[REQ]

Identifier	REQ-06.06.01-OSED-POPS.0038
Requirement	The Post Operations Analysis Platform shall record any post operations analysis report produced
Title	Recording of the post operations analysis reports
Status	<In Progress>
Rationale	The post operations analysis reports have to be recorded, time stamped and accessible for reference by the relevant stakeholders in a later stage
Category	<Functional><Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Publish Post Operations Analysis	N/A
<APPLIES_TO>	<Operational Service>	Perform Post Operations Analysis	N/A

[REQ]

Identifier	REQ-06.06.01-OSED-POPS.0039
Requirement	The Post Operations Analysis Platform shall record the date and time of creation of a recorded post operations analysis report
Title	Recording of a timestamp for the post operations analysis reports

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Status	<In Progress>
Rationale	The post operations analysis reports have to be recorded, time stamped and accessible for reference by the relevant stakeholders in a later stage
Category	<Functional><Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Publish Post Operations Analysis	N/A
<APPLIES_TO>	<Operational Service>	Perform Post Operations Analysis	N/A

[REQ]

Identifier	REQ-06.06.01-OSED-POPS.0040
Requirement	The recorded post operations analysis reports shall be accessible at any time
Title	Accessibility of the published post operations analysis reports
Status	<In Progress>
Rationale	The post operations analysis reports have to be recorded, time stamped and accessible for reference by the relevant stakeholders in a later stage
Category	<Functional><Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<APPLIES_TO>	<Operational Process>	Publish Post Operations Analysis	N/A
<APPLIES_TO>	<Operational Service>	Perform Post Operations Analysis	N/A

1.6 Airport Operations Plan Requirements

1.6.1 Flight (pay) load information (LOAD)

[REQ]

Identifier	REQ-06.05.02-OSED-LOAD.1000
Requirement	The “Traffic Demand” section of the AOP (core) shall contain for each Flight (pay) load information
Title	AOP flight payload information

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Status	<In Progress>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	< Shadow Mode >
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-LOAD.0101
Requirement	The Flight (pay)load information in the Traffic Demand section shall include for each inbound flightthe Arrival Baggage
Title	AOP flight payload information
Status	<In Progress>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<APPLIES_TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-LOAD.0102
Requirement	The Flight (pay)load information in the Traffic Demand section shall include for each outbound flight the Departing Baggage
Title	AOP flight payload information
Status	<In Progress>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<APPLIES_TO>	<Operational Service>	Manage Airport Performance	N/A

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[REQ]

Identifier	REQ-06.05.02-OSED-LOAD.0103
Requirement	The Flight (pay)load information in the Traffic Demand section shall include for each inbound flight the Transfer Baggage
Title	AOP flight payload information
Status	<In Progress>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-LOAD.0104
Requirement	The Flight (pay)load information in the Traffic Demand section shall include for each inbound flight the Arrival Cargo
Title	AOP flight payload information
Status	<In Progress>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-LOAD.0105
Requirement	The Flight (pay)load information in the Traffic Demand section shall include for each outbound flight the Departing Cargo
Title	AOP flight payload information
Status	<In Progress>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>

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Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<APPLIES_TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-LOAD.0106
Requirement	The Flight (pay)load information in the Traffic Demand section shall include for each inbound flight the Transfer Cargo
Title	AOP flight payload information
Status	<In Progress>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<APPLIES_TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-LOAD.0107
Requirement	The Flight (pay)load information in the Traffic Demand section shall include for each inbound flight the Arrival Passengers
Title	AOP flight payload information
Status	<In Progress>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<APPLIES_TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-LOAD.0108

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Requirement	The Flight (pay)load information in the Traffic Demand section shall include for each outbound flight the Departing Passengers
Title	AOP flight payload information
Status	<In Progress>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	< Shadow Mode >
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-LOAD.0109
Requirement	The Flight (pay)load information in the Traffic Demand section shall include for each inbound flight the Transfer Passengers
Title	AOP flight payload information
Status	<In Progress>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	< Shadow Mode >
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-LOAD.0110
Requirement	The Flight (pay)load information in the Traffic Demand section shall include for each inbound flight the Baggage Carousel ID
Title	AOP flight payload information
Status	<In Progress>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance

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<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<APPLIES_TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-LOAD.0111
Requirement	The Flight (pay)load information in the Traffic Demand section shall include for each outbound flight the Take-off weight
Title	AOP flight payload information
Status	<In Progress>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

1.6.2 Airport Resources and Capacity Information (CAPC)

[REQ]

Identifier	REQ-06.05.02-OSED-CAPC.1000
Requirement	The “Airport Resources and Capacity Information” section of the AOP (core) shall contain resources and Capacities
Title	AOP Resources and Capacity Information
Status	<In Progress>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-CAPC.0101
Requirement	The Airport Resources and Capacity Information shall include the Airport Designation - IATA code

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Title	AOP Resources and Capacity Information
Status	<In Progress>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-CAPC.0102
Requirement	The Airport Resources and Capacity Information shall include the Airport Designation - ICAO Code
Title	AOP Resources and Capacity Information
Status	<In Progress>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-CAPC.0103
Requirement	The Airport Resources and Capacity Information shall include the Airport Status Code
Title	AOP Resources and Capacity Information
Status	<In Progress>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>

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<APPLIES_TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-CAPC.0104
Requirement	The Airport Resources and Capacity Information shall include the Airport Status Description
Title	AOP Resources and Capacity Information
Status	<In Progress>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<APPLIES_TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-CAPC.0105
Requirement	The Airport Resources and Capacity Information shall include the Runway State
Title	AOP Resources and Capacity Information
Status	<In Progress>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<APPLIES_TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-CAPC.0106
Requirement	The Airport Resources and Capacity Information shall include the Stand State
Title	AOP Resources and Capacity Information
Status	<In Progress>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

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[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<APPLIES_TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-CAPC.0107
Requirement	The Airport Resources and Capacity Information shall include the Taxiway State
Title	AOP Resources and Capacity Information
Status	<In Progress>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-CAPC.0108
Requirement	The Airport Resources and Capacity Information shall include the De-Icing Position State
Title	AOP Resources and Capacity Information
Status	<In Progress>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<APPLIES_TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-CAPC.0109
Requirement	The Airport Resources and Capacity Information shall include the Declared Total Runway Capacity
Title	AOP Resources and Capacity Information

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Status	<In Progress>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-CAPC.0110
Requirement	The Airport Resources and Capacity Information shall include the Declared Arrival Runway Capacity
Title	AOP Resources and Capacity Information
Status	<In Progress>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<APPLIES_TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-CAPC.0111
Requirement	The Airport Resources and Capacity Information shall include the Declared Departure Runway Capacity
Title	AOP Resources and Capacity Information
Status	<In Progress>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<APPLIES_TO>	<Operational Service>	Manage Airport Performance	N/A

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[REQ]

Identifier	REQ-06.05.02-OSED-CAPC.0114
Requirement	The Airport Resources and Capacity Information shall include the Declared Total TMA capacity
Title	AOP Resources and Capacity Information
Status	<In Progress>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-CAPC.0115
Requirement	The Airport Resources and Capacity Information shall include the Declared inbound TMA capacity
Title	AOP Resources and Capacity Information
Status	<In Progress>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-CAPC.0116
Requirement	The Airport Resources and Capacity Information shall include the Declared Outbound TMA capacity
Title	AOP Resources and Capacity Information
Status	<In Progress>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>

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Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<APPLIES_TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-CAPC.0117
Requirement	The Airport Resources and Capacity Information shall include the Declared Total Ground Movement Capacity
Title	AOP Resources and Capacity Information
Status	<In Progress>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<APPLIES_TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-CAPC.0118
Requirement	The Airport Resources and Capacity Information shall include the Declared Taxi-in Ground Movement Capacity
Title	AOP Resources and Capacity Information
Status	<In Progress>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<APPLIES_TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-CAPC.0119

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Requirement	The Airport Resources and Capacity Information shall include the Declared Taxi-out Ground Movement Capacity
Title	AOP Resources and Capacity Information
Status	<In Progress>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-CAPC.0120
Requirement	The Airport Resources and Capacity Information shall include the Declared Aircraft Stands Capacity
Title	AOP Resources and Capacity Information
Status	<In Progress>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-CAPC.0121
Requirement	The Airport Resources and Capacity Information shall include the Declared On Stand De-Icing Capacity
Title	AOP Resources and Capacity Information
Status	<In Progress>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance

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<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<APPLIES_TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-CAPC.0122
Requirement	The Airport Resources and Capacity Information shall include the Declared Remote De-Icing Capacity
Title	AOP Resources and Capacity Information
Status	<In Progress>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-CAPC.0123
Requirement	The Airport Resources and Capacity Information shall include the Total declared airport capacity
Title	AOP Resources and Capacity Information
Status	<In Progress>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-CAPC.0124
Requirement	The Airport Resources and Capacity Information shall include the Declared Airport Arrival Capacity
Title	AOP Resources and Capacity Information
Status	<In Progress>
Rationale	General data definition of the AOP

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Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-CAPC.0125
Requirement	The Airport Resources and Capacity Information shall include the Declared Airport Departure Capacity
Title	AOP Resources and Capacity Information
Status	<In Progress>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-CAPC.0201
Requirement	The Airport Resources and Capacity Information shall include the TMA Configuration Plan
Title	AOP Resources and Capacity Information
Status	<In Progress>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

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Identifier	REQ-06.05.02-OSED-CAPC.0202
Requirement	The Airport Resources and Capacity Information shall include the Default Total TMA Capacity
Title	AOP Resources and Capacity Information
Status	<In Progress>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-CAPC.0203
Requirement	The Airport Resources and Capacity Information shall include the Default Inbound TMA Capacity
Title	AOP Resources and Capacity Information
Status	<In Progress>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-CAPC.0204
Requirement	The Airport Resources and Capacity Information shall include the Default Outbound TMA Capacity
Title	AOP Resources and Capacity Information
Status	<In Progress>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

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[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-CAPC.0205
Requirement	The Airport Resources and Capacity Information shall include the Actual Total TMA Capacity
Title	AOP Resources and Capacity Information
Status	<In Progress>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-CAPC.0206
Requirement	The Airport Resources and Capacity Information shall include the Actual Inbound TMA Capacity
Title	AOP Resources and Capacity Information
Status	<In Progress>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<APPLIES_TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-CAPC.0207
Requirement	The Airport Resources and Capacity Information shall include the Actual Outbound TMA Capacity
Title	AOP Resources and Capacity Information

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Status	<In Progress>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-CAPC.0208
Requirement	The Airport Resources and Capacity Information shall include the Reason for Reduced TMA Capacity - code
Title	AOP Resources and Capacity Information
Status	<In Progress>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<APPLIES_TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-CAPC.0209
Requirement	The Airport Resources and Capacity Information shall include the Reason for Reduced TMA Capacity - description
Title	AOP Resources and Capacity Information
Status	<In Progress>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<APPLIES_TO>	<Operational Service>	Manage Airport Performance	N/A

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[REQ]

Identifier	REQ-06.05.02-OSED-CAPC.0299
Requirement	The Airport Resources and Capacity Information shall include the Airport Capacity and Event Plan
Title	Airport Resources and Capacity Information to be exchanged with NM
Status	<In Progress>
Rationale	General data definition of the AOP. The Airport Capacity and Event plan included for each defiend time period: - Airport operating priority - Declared runway capacity - Practical runway capacity - Event kind/reason for capacity reduction - Probability of event - Limit factor - Expected recovery scenario
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0085	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-CAPC.0300
Requirement	The Airport Resources and Capacity Information shall include the Runway Configuration Plan
Title	AOP Resources and Capacity Information
Status	<In Progress>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0085	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

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[REQ]

Identifier	REQ-06.05.02-OSED-CAPC.0301
Requirement	The Airport Resources and Capacity Information shall include the Runway Use distribution plan
Title	AOP Resources and Capacity Information
Status	<In Progress>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0085	<Partial>
<APPLIES_TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-CAPC.0302
Requirement	The Airport Resources and Capacity Information shall include the Practical Runway Use distribution plan
Title	AOP Resources and Capacity Information
Status	<In Progress>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0085	<Partial>
<APPLIES_TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-CAPC.0303
Requirement	The Airport Resources and Capacity Information shall include the Manual input Runway Use distribution plan Indicator
Title	AOP Resources and Capacity Information
Status	<In Progress>
Rationale	General data definition of the AOP

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Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0085	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-CAPC.0304
Requirement	The Airport Resources and Capacity Information shall include the Advised Runway Use distribution plan(s)
Title	AOP Resources and Capacity Information
Status	<In Progress>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0085	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-CAPC.0305
Requirement	The Airport Resources and Capacity Information shall include the Advised Runway Use distribution plan(s) probability Default Total Ground Movement Capacity
Title	AOP Resources and Capacity Information
Status	<In Progress>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance

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<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0085	<Partial>
<APPLIES_TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-CAPC.0306
Requirement	The Airport Resources and Capacity Information shall include the Reason for Reduced Runway Capacity - description
Title	AOP Resources and Capacity Information
Status	<In Progress>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0085	<Partial>
<APPLIES_TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-CAPC.0307
Requirement	The Airport Resources and Capacity Information shall include the Reason for Reduced Runway Capacity - code
Title	AOP Resources and Capacity Information
Status	<In Progress>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0085	<Partial>
<APPLIES_TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-CAPC.0400

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Requirement	The Airport Resources and Capacity Information shall include the Default Total Ground Movement Capacity
Title	AOP Resources and Capacity Information
Status	<In Progress>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0085	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-CAPC.0401
Requirement	The Airport Resources and Capacity Information shall include the Default Taxi-in Ground Movement Capacity
Title	AOP Resources and Capacity Information
Status	<In Progress>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0085	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-CAPC.0402
Requirement	The Airport Resources and Capacity Information shall include the Default Taxi-out Ground Movement Capacity
Title	AOP Resources and Capacity Information
Status	<In Progress>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>

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Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0085	<Partial>
<APPLIES_TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-CAPC.0403
Requirement	The Airport Resources and Capacity Information shall include the Actual Total Ground movement Capacity
Title	AOP Resources and Capacity Information
Status	<In Progress>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0085	<Partial>
<APPLIES_TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-CAPC.0404
Requirement	The Airport Resources and Capacity Information shall include the Actual Taxi-in Ground Movement Capacity
Title	AOP Resources and Capacity Information
Status	<In Progress>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0085	<Partial>

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<APPLIES_TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-CAPC.0405
Requirement	The Airport Resources and Capacity Information shall include the Actual Taxi-out Ground Movement Capacity
Title	AOP Resources and Capacity Information
Status	<In Progress>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0085	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-CAPC.0406
Requirement	The Airport Resources and Capacity Information shall include the Reason for Reduced Ground Movement Capacity - code
Title	AOP Resources and Capacity Information
Status	<In Progress>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0085	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-CAPC.0407
Requirement	The Airport Resources and Capacity Information shall include the Reason for Reduced Ground Movement Capacity - description
Title	AOP Resources and Capacity Information

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Status	<In Progress>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0085	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-CAPC.0408
Requirement	The Airport Resources and Capacity Information shall include the Reason for Reduced Apron (Aircraft stand) Capacity - code
Title	AOP Resources and Capacity Information
Status	<In Progress>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0085	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-CAPC.0409
Requirement	The Airport Resources and Capacity Information shall include the Reason for Reduced Apron (Aircraft Stand) Capacity - description
Title	AOP Resources and Capacity Information
Status	<In Progress>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

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Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0085	<Partial>
<APPLIES_TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-CAPC.0500
Requirement	The Airport Resources and Capacity Information shall include the Stand Allocation Plan
Title	AOP Resources and Capacity Information
Status	<In Progress>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0085	<Partial>
<APPLIES_TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-CAPC.0501
Requirement	The Airport Resources and Capacity Information shall include the actual Stand Availability Plan
Title	AOP Resources and Capacity Information
Status	<In Progress>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0085	<Partial>
<APPLIES_TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

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Identifier	REQ-06.05.02-OSED-CAPC.0600
Requirement	The Airport Resources and Capacity Information shall include the De-icing stand Allocation Plan
Title	AOP Resources and Capacity Information
Status	<In Progress>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0085	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-CAPC.0610
Requirement	The Airport Resources and Capacity Information shall include the Actual Total Airport Capacity
Title	AOP Resources and Capacity Information
Status	<In Progress>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0085	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-CAPC.0611
Requirement	The Airport Resources and Capacity Information shall include the Actual Total Airport Arrival Capacity
Title	AOP Resources and Capacity Information
Status	<In Progress>
Rationale	General data definition of the AOP
Category	<Operational>

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Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0085	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-CAPC.0612
Requirement	The Airport Resources and Capacity Information shall include the Actual Total Airport Departure Capacity
Title	AOP Resources and Capacity Information
Status	<In Progress>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0085	<Partial>
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-CAPC.0613
Requirement	The Airport Resources and Capacity Information shall include the reason for reduced Total Airport Departure Capacity - code
Title	AOP Resources and Capacity Information
Status	<In Progress>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>

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<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0085	<Partial>
<APPLIES_TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-CAPC.0614
Requirement	The Airport Resources and Capacity Information shall include the reason for reduced Total Airport Departure Capacity - description
Title	AOP Resources and Capacity Information
Status	<In Progress>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0085	<Partial>
<APPLIES_TO>	<Operational Service>	Manage Airport Performance	N/A

[REQ]

Identifier	REQ-06.05.02-OSED-CAPC.0615
Requirement	The Airport Resources and Capacity Information shall include a passenger transit time table between monitoring points (such as security or border entrance, exit from security or border, arrival or departure gate)
Title	AOP Resources and Capacity Information
Status	<In Progress>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0085	<Partial>
<APPLIES_TO>	<Operational Service>	Manage Airport Performance	N/A

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1.7 General DCB Requirements

1.7.1 Input

[REQ]

Identifier	REQ-06.05.03-OSED-DCBS.0010
Requirement	The Airport-DCB shall receive demand from the AOP every X minutes
Title	Demand input - Flight Data
Status	<In Progress>
Rationale	The value for X minutes to be determined by OSB Enable comparison of demand versus capacity
Category	<Functional>
Validation Method	<Real Time Simulation>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>

[REQ]

Identifier	REQ-06.05.03-OSED-DCBS.0011
Requirement	Demand data shall consist of: - Inbound/outbound indicator - Flight ID - Call sign - Aircraft Registration - Aircraft type - Wake Turbulence Category - Destination / Origin - SID/STAR - Scheduled Times (SIBT, SLDT / SOBT, STOT) And the following timestamps when available and applicable: - Estimated Times (EIBT, ELDT / EOBT, ETOT) - Controlled Times (CTOT) - AMAN/DMAN Target Times (TLDT/TTOT) - Target Time of Arrival (TTA) - Actual Times (ALDT/ATOT)
Title	Demand input - Flight Data
Status	<In Progress>
Rationale	Enables A-DCB to determine detailed demand
Category	<Functional>
Validation Method	<Real Time Simulation>
Verification Method	<Test>

[REQ Trace]

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Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>

[REQ]

Identifier	REQ-06.05.03-OSED-DCBS.0111
Requirement	The Airport-DCB shall be able to calculate, for each flight, EXOT or EXIT based on the actual and planned/forecasted runway allocation
Title	Demand Input - taxi times
Status	<In Progress>
Rationale	Enable comparison of demand versus capacity
Category	<Functional>
Validation Method	<Real Time Simulation>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-DCBS.0119
Requirement	The Airport-DCB shall receive MET data from the AOP (when available) or receive directly from the MET provider
Title	Demand Input - taxi times
Status	<In Progress>
Rationale	Enable comparison of demand versus capacity MET specific data is required to determine operating conditions for (airport) capacity
Category	<Functional>
Validation Method	<Real Time Simulation>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-DCBS.0120

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Requirement	MET data shall consist of: - Actual and forecasted surface wind speed / direction, including probability, per runway - Actual and forecasted wind speed / direction, including probability, at altitudes up to 5000ft with a granularity of 1000ft. - Actual and forecasted gust speed / direction at surface level, including probability, per runway - Actual and forecasted visibility conditions, including probability, per runway - Actual and forecasted RVR, including probability, per runway Actual and forecasted ceiling (cloud base) including probability
Title	Capacity input - Wind Data
Status	<In Progress>
Rationale	Determine Capacity runway usability and relevant capacity
Category	<Functional>
Validation Method	<Real Time Simulation>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-DCBS.0161
Requirement	The Airport-DCB shall select from the list of possible runway configurations, all usable runway configurations based on the actual and planned / forecasted : - Runway availability, - MET conditions, - Demand, - Possible runway operating mode restrictions as set by the APB - Possible runway configurations as set by the OSB
Title	Determine possible runway configurations
Status	<In Progress>
Rationale	Demand will determine if more than one arrival and/or departure is required
Category	<Functional>
Validation Method	<Real Time Simulation>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-DCBS.0162

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Requirement	The Airport DCB shall propose from the list of usable runway configurations the best performing runway configuration
Title	Determine possible runway configurations
Status	<In Progress>
Rationale	List with proposal for the best performing runway configuration
Category	<Functional>
Validation Method	<Real Time Simulation>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-DCBS.0163
Requirement	The proposed runway configuration shall be applied for a minimum time period as given by the Operational Steering Board
Title	Determine possible runway configuration
Status	<In Progress>
Rationale	For stability of activated runway configuration
Category	<Functional>
Validation Method	<Real Time Simulation>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-DCBS.0170
Requirement	The Airport Tower Supervisor shall be able to manually overwrite the Airport-DCB calculated runway configuration(s), runway operating mode(s) and runway capacity values for specific time periods
Title	Manual capacity input
Status	<In Progress>
Rationale	Determine Capacity constraints
Category	<Functional>
Validation Method	<Real Time Simulation>
Verification Method	<Test>

[REQ Trace]

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Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-DCBS.0172
Requirement	Airport-DCB shall be able to revert back, at any time, from performance calculations based on manually provided entries, to automatic performance calculations
Title	Manual capacity input
Status	<In Progress>
Rationale	Determine Capacity constraints
Category	<Functional>
Validation Method	<Real Time Simulation>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A

1.7.2 Calculation

[REQ]

Identifier	REQ-06.05.03-OSED-DCBS.0180
Requirement	The Airport-DCB shall be able to (re-)calculate every X minutes the actual and forecasted performance
Title	KPI forecast granularity
Status	<In Progress>
Rationale	The value for X minutes to be determined by user
Category	<Functional>
Validation Method	<Real Time Simulation>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-DCBS.0181
Requirement	The Airport-DCB shall support performance view with user selectable intervals

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Title	KPI forecast presentation
Status	<In Progress>
Rationale	forecast detail
Category	<Functional>
Validation Method	<Real Time Simulation>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-DCBS.0190
Requirement	The Airport-DCB shall determine the actual and forecasted number of aircraft simultaneous on the ground at the airport
Title	AOA counter
Status	<In Progress>
Rationale	avoid deadlock
Category	<Functional>
Validation Method	<Real Time Simulation>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-DCBS.0200
Requirement	The Airport-DCB shall only propose solutions that do not exceed the maximum number of aircraft simultaneously on the ground at the airport
Title	avoid DCB solutions that generate overload
Status	<In Progress>
Rationale	avoid impracticable DCB solutions
Category	<Functional>
Validation Method	<Real Time Simulation>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>

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<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-DCBS.0210
Requirement	The Airport-DCB shall calculate the arrival and departure demand based on intentional times (ILDT / ITOT)
Title	calculation of Demand- granularity medium term
Status	<In Progress>
Rationale	aggregation of demand
Category	<Functional>
Validation Method	<Real Time Simulation>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-DCBS.0211
Requirement	Intentional times (ILDT / ITOT) shall initially be based on scheduled times (SLDT / STOT)
Title	calculation of Demand- granularity medium term
Status	<In Progress>
Rationale	aggregation of demand. ILDT = SLDT = SIBT – EXIT ITOT = STOT = SOBT + EXOT
Category	<Functional>
Validation Method	<Real Time Simulation>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-DCBS.0212
Requirement	When estimated times (ELDT or ETOT) becomes available, intentional times (ILDT / ITOT) shall be based on these estimated times
Title	calculation of Demand- granularity medium term
Status	<In Progress>

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Rationale	aggregation of demand ILDT = ELDT (from FUM) ITOT = ETOT = EOBT + EXOT
Category	<Functional>
Validation Method	<Real Time Simulation>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-DCBS.0213
Requirement	When target times (TLDT or TTOT) becomes available, intentional times (ILDT / ITOT) shall be based on these target times
Title	calculation of Demand- granularity medium term
Status	<In Progress>
Rationale	Once the flight is in the AMAN/DMAN planning horizon, Target Times (TLDT/TTOT) will be issued by the AMAN/DMAN. Aggregation of demand for the A-DCB tool will be based as follows: ILDT = TLDT ITOT = TTOT
Category	<Functional>
Validation Method	<Real Time Simulation>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-DCBS.0214
Requirement	In case a CTOT is issued, the intentional times for departure (ITO) will be based on this CTOT
Title	calculation of Demand- granularity medium term
Status	<In Progress>
Rationale	aggregation of demand ITOT = CTOT
Category	<Functional>
Validation Method	<Real Time Simulation>
Verification Method	<Test>

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[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-DCBS.0215
Requirement	In case a TTA has been issued for one or more specific inbound flights, the intentional landing time (ILDT) shall be based on the TTA.
Title	calculation of Demand- granularity medium term
Status	<In Progress>
Rationale	In case a TTA has been allocated to a flight, aggregation of demand will be as follows ILDT = function of TTA • If TTA is related to the runway threshold than ILDT = TTA • If TTA is related to a point along the aircraft's flight trajectory (e.g. IAF) than ILDT = TTA + expected flight time between TTA reference point and runway threshold
Category	<Functional>
Validation Method	<Real Time Simulation>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-DCBS.0230
Requirement	The Airport-DCB shall use the runway (landing or departure threshold) as reference for demand calculations
Title	calculation of Demand- reference location
Status	<In Progress>
Rationale	RWY is the reference point for the DCB
Category	<Functional>
Validation Method	<Real Time Simulation>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A

[REQ]

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Identifier	REQ-06.05.03-OSED-DCBS.0240
Requirement	The Airport-DCB shall apply the local operating rules (e.g. origin/STAR, aircraft type/size restrictions) for the allocation of inbound traffic to a landing runway in case multiple landing runways are used or expected to be used
Title	calculation of Demand- Inbound default runway allocation
Status	<In Progress>
Rationale	Demand has to reflect AU preference, to be guessed it not available
Category	<Functional>
Validation Method	<Real Time Simulation>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-DCBS.0250
Requirement	The Airport-DCB shall apply the local operating rules (e.g. destination/SID, aircraft type/size restrictions) for the allocation of outbound traffic to a take-off runway in case multiple take-off runways are used or expected to be used
Title	calculation of Demand outbound default runway allocation
Status	<In Progress>
Rationale	Demand has to be as accurate as possible
Category	<Functional>
Validation Method	<Real Time Simulation>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-DCBS.0260
Requirement	The Airport-DCB shall calculate runway usability based on the availability of infrastructure, local operating rules, MET data as well as the thresholds provided by the Operational Steering Board
Title	calculate runway usability
Status	<In Progress>
Rationale	Determine Capacity constraints Thresholds provided by the operational steering board are for example the cross and tail wind limits

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Category	<Operational>
Validation Method	<Real Time Simulation>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-DCBS.0270
Requirement	The Airport-DCB shall calculate the Ultimate Runway Capacity values for each runway included in the actual and forecasted runway configuration, based on the actual and forecasted fleetmix (wake vortex categories) and minimum spacing requirements
Title	Saturation capacity calculation
Status	<In Progress>
Rationale	Calculation of capacity
Category	<Functional>
Validation Method	<Real Time Simulation>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-DCBS.0280
Requirement	The Airport-DCB shall provide probability values for any weather related reduction of Runway capacity
Title	Probability of Saturation capacity
Status	<In Progress>
Rationale	likelihood of accuracy of KPI forecast Probability value is initially equal to the by MET provided probability value for the weather condition where the capacity reduction is determined by
Category	<Functional>
Validation Method	<Real Time Simulation>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>

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<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-DCBS.0290
Requirement	The Airport-DCB shall calculate the Practical Capacity values for each runway included in the actual and forecasted runway configuration, based on the calculation method(s) set by the Operational Steering Board
Title	Calculate practical capacity
Status	<In Progress>
Rationale	Capacity calculation Practical runway capacity expressed in landings and/or take-offs per time interval. For calculation methods see REQ-06.05.03-OSED-STPF.0160 and 0161
Category	<Functional>
Validation Method	<Real Time Simulation>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-DCBS.0291
Requirement	In case no Ultimate Runway Capacity can be determined, the Airport-DCB shall determine the Practical Capacity based on the default Practical Capacity values as provided by the Operational Steering Board
Title	Calculate practical capacity
Status	<In Progress>
Rationale	Capacity calculation See REQ-06.05.03-OSED-STPF.0102
Category	<Functional>
Validation Method	<Real Time Simulation>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-DCBS.0300

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Requirement	The Airport-DCB shall calculate the actual and the forecasted possible Airport Capacity Distribution(s), expressed in a movement rate (landings and/or take-offs per time period) per runway based on the most constraining operational capacity element
Title	DCB calculation of bottleneck Capacity
Status	<In Progress>
Rationale	calculation of capacity Most constraining capacity element could be TMA, Runways, Taxiways or Apron
Category	<Functional>
Validation Method	<Real Time Simulation>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-DCBS.0310
Requirement	The Airport-DCB shall, for each possible Airport Capacity Distribution, present the most constraining capacity element
Title	tagging capacity constraint and probability
Status	<In Progress>
Rationale	traceability and assist in finding solutions
Category	<Functional>
Validation Method	<Real Time Simulation>
Verification Method	<Analysis>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-DCBS.0320
Requirement	The Airport-DCB shall calculate actual and forecasted capacity shortage based on the practical runway capacity of the actual and planned/forecasted runway configuration
Title	DCB Monitoring - Calculate KPI values
Status	<In Progress>
Rationale	Basis for assessment and decision making
Category	<Functional>
Validation Method	<Real Time Simulation>

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Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-DCBS.0330
Requirement	The Airport-DCB shall propose an adjusted runway capacity distribution for the active runway configuration in case KPI “Capacity Shortage” exceeds a pre-assigned threshold on one or more of the runways in use
Title	DCB Monitoring -calculation of KPI capacity shortage short term-demand reason
Status	<In Progress>
Rationale	basis for KPI forecast in same runway configuration but changed demand
Category	<Functional>
Validation Method	<Real Time Simulation>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-DCBS.0340
Requirement	The Airport-DCB shall generate an advisory message “ratio change” if, for the activated runway configuration, another practical runway capacity distribution with better performance on the KPI values is available
Title	DCB Monitoring - demand change solution advisory
Status	<In Progress>
Rationale	enable automatic mini management loop for minor changes
Category	<Functional>
Validation Method	<Real Time Simulation>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-DCBS.0350

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Requirement	The Airport-DCB shall automatically generate a warning with the reason attribute “Demand” if for one or more of the runways in use a capacity shortage is identified
Title	DCB Monitoring - Capacity shortage alert- Reason Demand
Status	<In Progress>
Rationale	Basis for assessment and decision making
Category	<Functional>
Validation Method	<Real Time Simulation>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-DCBS.0351
Requirement	The Airport-DCB shall automatically generate an alert with the reason attribute “Demand” if for the actual runway configuration, the inbound and/or outbound demand exceeds the ultimate landing and/or take-off runway capacity for the activated runway configuration
Title	DCB Monitoring - Capacity shortage alert- Reason Demand
Status	<In Progress>
Rationale	Basis for assessment and decision making
Category	<Functional>
Validation Method	<Real Time Simulation>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-DCBS.0360
Requirement	The Airport-DCB shall, in case of a capacity change, (re-)calculate the KPI values for all possible capacity distributions
Title	DCB Monitoring -calculation of KPI capacity shortage short term-capacity reason
Status	<In Progress>
Rationale	basis for KPI forecast in same runway config but changed capacity
Category	<Functional>
Validation Method	<Real Time Simulation>
Verification Method	<Analysis>

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[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-DCBS.0370
Requirement	The Airport-DCB shall generate a warning with the reason attribute “Capacity” if, due to a capacity change, the demand exceeds the practical runway capacity
Title	DCB Monitoring - Capacity shortage alert- Reason Capacity
Status	<In Progress>
Rationale	Basis for assessment and decision making
Category	<Functional>
Validation Method	<Real Time Simulation>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-DCBS.0371
Requirement	The Airport-DCB shall generate an alert with the reason attribute “Capacity” if, due to a capacity change, the demand exceeds the ultimate runway capacity
Title	DCB Monitoring - Capacity shortage alert- Reason Capacity
Status	<In Progress>
Rationale	Basis for assessment and decision making
Category	<Functional>
Validation Method	<Real Time Simulation>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-DCBS.0390
Requirement	The Airport-DCB shall automatically calculate FLDT’s and FTOT’s for each flight based on the actual and forecasted runway configuration(s), the respective Practical Runway Capacity and the Capacity distribution(s)

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Title	DCB Monitoring - Calculate FTOTs and FLDTs
Status	<In Progress>
Rationale	Basis for KPI calculation
Category	<Functional>
Validation Method	<Real Time Simulation>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-DCBS.0391
Requirement	The Airport-DCB shall automatically calculate FLDT's and FTOT's for each flight based on the manually selected runway configuration and/or capacity distribution for the purpose of "what-if" analysis
Title	DCB Monitoring - Calculate FTOTs and FLDTs
Status	<In Progress>
Rationale	Basis for KPI calculation
Category	<Functional>
Validation Method	<Real Time Simulation>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-DCBS.0392
Requirement	In case AMAN/DMAN provides a Target Time (TLDT or TTOT) for a specific flight, the resulting Forecasted Time (FLDT or FTOT) for that flight shall be equal to the Target Time.
Title	DCB Monitoring - Calculate FTOTs and FLDTs
Status	<In Progress>
Rationale	A-DCB will not influence flight sequences within the AMAN/DMAN planning horizon. FLDT = TLDT (from AMAN), FTOT = TTOT (from DMAN).
Category	<Functional>
Validation Method	<Real Time Simulation>
Verification Method	<Test>

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[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-DCBS.0393
Requirement	Airport-DCB shall not influence TTA once a TTA has been issued and no changes has taken place in airport capacity.
Title	DCB Monitoring - Calculate FTOTs and FLDTs
Status	<In Progress>
Rationale	In case a TTA has been issued for a specific flight the FLDT shall be equal/based on the TTA. • If TTA is related to the runway threshold than FLDT = TTA • If TTA is related to a point along the aircraft's flight trajectory (e.g. IAF) then FLDT = TTA + expected flight time between TTA reference point and runway threshold A-DCB shall not influence TTA once a TTA has been issued.
Category	<Functional>
Validation Method	<Real Time Simulation>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-DCBS.0400
Requirement	The Airport-DCB shall use the prioritization rules as set by the Airport Performance Steering Board for calculation of FLDT's and FTOT's in case of limited capacity
Title	apply prioritization criteria
Status	<In Progress>
Rationale	respect agreed flight prioritization rules for target time calculation. Prioritization rules as set by the APS board could be priority on inbound or outbound traffic, priority on domestic or long haul, passenger flights or cargo etc. (see also REQ-06.05.03-OSED-STPF.0170)
Category	<Functional>
Validation Method	<Real Time Simulation>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance

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<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-DCBS.0410
Requirement	The Airport-DCB shall use the prioritization rules as set by the Airspace Users (UDPP) for calculation of FLDT's and FTOT's in case of shifting flights to later times
Title	UDPP integration
Status	<In Progress>
Rationale	Respect UDPP process. UDPP could be priorities to specific flights or cancelations of specific flights. Application of UDPP priorities to be coordinated with P07.06.04
Category	<Functional>
Validation Method	<Real Time Simulation>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A

Identifier	REQ-06.05.03-OSED-DCBS.0411
Requirement	APOC shall include UDPP in their processes and tools
Title	UDPP integration
Status	<In Progress>
Rationale	Inclusion of UDPP for all relevant stakeholders. Application of UDPP priorities to be coordinated with P07.06.04
Category	<Functional>
Validation Method	<Real Time Simulation>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-DCBS.0420
Requirement	The Airport-DCB shall calculate actual and forecasted delay based on FLDT's and FTOT's, the planned runway configuration and the planned capacity distribution
Title	DCB Monitoring - Calculate KPI delay in short term

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Status	<In Progress>
Rationale	Basis for assessment and decision making
Category	<Functional>
Validation Method	<Real Time Simulation>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-DCBS.0430
Requirement	The Airport-DCB shall generate a warning or alarm message containing the moment in time when the forecasted delay exceeds predefined warning and alarm thresholds
Title	KPI delay alert and warning
Status	<In Progress>
Rationale	alerting
Category	<Functional>
Validation Method	<Real Time Simulation>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-DCBS.0450
Requirement	The Airport-DCB shall calculate a value for delay increase/decrease between the actual activated runway configuration and capacity distribution and all possible runway configurations and runway capacity distributions
Title	DCB Monitoring - delta delay
Status	<In Progress>
Rationale	Indicator for the necessity of a manual DCB recalculation See also REQ-06.05.03-OSED-STPF.0151
Category	<Functional>
Validation Method	<Real Time Simulation>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance

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<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-DCBS.0460
Requirement	The Airport-DCB shall calculate actual and forecasted punctuality based on the FLDT's and FTOT's, the planned runway configuration and the planned capacity distribution
Title	DCB Monitoring - Calculate KPI punctuality short term
Status	<In Progress>
Rationale	Basis for assessment and decision making
Category	<Functional>
Validation Method	<Shadow Mode>
Verification Method	<Analysis>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-DCBS.0470
Requirement	The Airport-DCB shall generate a warning or alarm message containing the moment in time when the forecasted punctuality exceeds warning and alarm thresholds
Title	alert punctuality
Status	<In Progress>
Rationale	alerting
Category	<Functional>
Validation Method	<Real Time Simulation>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-DCBS.0471
Requirement	The Airport-DCB shall calculate a value for punctuality increase/decrease between the actual activated runway configuration and capacity distribution and all possible runway configurations and runway configurations and runway capacity distributions

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Title	alert punctuality
Status	<In Progress>
Rationale	Alerting See also REQ-06.05.03-OSED-STPF.0151
Category	<Functional>
Validation Method	<Real Time Simulation>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-DCBS.0501
Requirement	The granularity of Forecasted Times, calculated by Airport DCB, shall be in the magnitude of minutes based on actual/forecasted practical capacity
Title	DCB Monitoring - target time feasibility
Status	<In Progress>
Rationale	Forecasted Time calculation does not consider detailed wake-vortex and/or radar separation between flights
Category	<Functional>
Validation Method	<Real Time Simulation>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-DCBS.0520
Requirement	The Airport-DCB shall, on trigger/request from the Airport Tower Supervisor and/or responsible APOC staff member, generate possible solution(s) for runway configuration, runway operating mode and/or runway capacity distributions based on manually set criteria and/or weight factors for specific KPI's
Title	DCB Management - solution proposal
Status	<In Progress>
Rationale	central fuction
Category	<Functional>
Validation Method	<Real Time Simulation>
Verification Method	<Test>

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[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-DCBS.0530
Requirement	The Airport-DCB shall (re)calculate FLDT's and FTOT's for all possible runway configurations, runway operating conditions and runway capacity distributions in case a recalculation is triggered/requested
Title	FTOTs and FLDTS for different solutions
Status	<In Progress>
Rationale	Facilitate automatic solution proposals
Category	<Functional>
Validation Method	<Real Time Simulation>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-DCBS.0540
Requirement	The Airport-DCB shall for actual and planned/forecasted runway configurations and operating conditions, calculate forecasted performance for all possible capacity distributions over the runways contained in the specific actual and forecasted runway configuration
Title	Automatic solution proposal - ALARM
Status	<In Progress>
Rationale	Facilitate automatic solution proposals
Category	<Functional>
Validation Method	<Real Time Simulation>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-DCBS.0550

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Requirement	The Airport-DCB shall have the ability to manually switch on/off the automatic calculation of capacity distribution
Title	Automatic recalculation off
Status	<In Progress>
Rationale	flexibility Capacity distribution calculations as mentioned in REQ-06.05.03-OSED-DCBS.0540
Category	<Operational>
Validation Method	<Real Time Simulation>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-DCBS.0560
Requirement	The Airport-DCB shall be able to detect and propose the best performing solution based on the weighting of calculated performance values (KPIs)
Title	automated solution target function
Status	<In Progress>
Rationale	Facilitate automatic solution proposals
Category	<Functional>
Validation Method	<Real Time Simulation>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-DCBS.0570
Requirement	The Airport-DCB shall generate a message in case the improvement of a better performing solution exceeds a predefined threshold set by the Airport Performance Steering board
Title	Automatic solution proposal - Improvement of KPIs
Status	<In Progress>
Rationale	Facilitate automatic solution proposals See also REQ-06.05.03-OSED-STPF.0151
Category	<Functional>
Validation Method	<Real Time Simulation>

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Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-DCBS.0580
Requirement	The Airport-DCB shall, in case of a manually triggered/ requested (re-)calculation, be able to identify the best performing solution
Title	Best solutions
Status	<In Progress>
Rationale	Facilitate automatic solution proposals
Category	<Functional>
Validation Method	<Real Time Simulation>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-DCBS.0590
Requirement	The Airport-DCB shall have a “what-if” capability to allow analysis of different solutions/scenarios and evaluate the impact on the KPIs
Title	What-if probing
Status	<In Progress>
Rationale	Facilitate manual what-if enquiries
Category	<Functional>
Validation Method	<Real Time Simulation>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>

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<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-DCBS.0630
Requirement	The Airport-DCB shall apply any manually received capacity values(s) from the Airport Tower Supervisor as agreed airport Capacity values in which any capacity constraint from TMA, taxiways and/or apron is already taken into account
Title	Manual capacity input by TWR supervisor
Status	<In Progress>
Rationale	Facilitate manual override
Category	<Functional>
Validation Method	<Real Time Simulation>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A

1.7.3 Output to AOP

[REQ]

Identifier	REQ-06.05.03-OSED-DCBO.0010
Requirement	The Airport-DCB shall provide to the AOP, and update when necessary, the actual and forecasted (practical) runway capacity values (including those manually set), expressed in hourly movements rates for landings, take-offs and total movements for each of the runways contained in the actual and planned/forecasted runway configurations
Title	DCB Output - Airport Capacity
Status	<In Progress>
Rationale	Basic information from DCB Management
Category	<Operational>
Validation Method	<Real Time Simulation>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-DCBO.0020

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Requirement	The Airport-DCB shall provide to the AOP, and update when necessary, the actual and forecasted KPI values (for capacity shortage, delay and punctuality) for landings, take-offs and total movements for each of the runways contained in the actual and planned/forecasted runway configuration
Title	DCB Output - KPI values
Status	<In Progress>
Rationale	Basic information from DCB Management
Category	<Operational>
Validation Method	<Real Time Simulation>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-DCBO.0030
Requirement	The Airport-DCB shall provide to the AOP, and update when necessary, for the planning horizon not covered by AMAN/DMAN, the FLDTs and FTOTs associated with the activated Airport–DCB solution
Title	DCB Output – Forecasted Times
Status	<In Progress>
Rationale	DCB update to users
Category	<Operational>
Validation Method	<Shadow Mode>
Verification Method	<Analysis>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-DCBO.0031
Requirement	The Airport-DCB shall provide to the AOP, and update when necessary, for the planning horizon not covered by the AMAN/DMAN, the assigned ARR and DEP runway for each flight, associated with the activated Airport-DCB solution.
Title	DCB Output – Runway usage
Status	<In Progress>
Rationale	DCB update to users
Category	<Operational>
Validation Method	<Real Time Simulation>

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Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-DCBO.0032
Requirement	AMAN/DMAN shall use for their initial Target Times (TLDT / TTOT) the latest (most recent) Forecasted Times calculated by the Airport – DCB tool (e.g. RMAN).
Title	DCB Monitoring - target time feasibility
Status	<In Progress>
Rationale	When a flight enters the AMAN/DMAN planning horizon, the Initial Target Time (TLDT / TTOT) of AMAN/DMAN will be based on the latest (most recent) Forecasted Times (FLDT / FTOT) provided by the A-DCB. After that Target Times can and will be only updated by the AMAN/DMAN to fine tune/optimize the sequence.
Category	<Operational>
Validation Method	<Real Time Simulation>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-DCBO.0033
Requirement	If a Target Time of Arrival (TTA) needs to be issued for a specific flight, the Forecasted Time (FLDT) for that flight as proposed by the Airport –DCB shall be the basis for the determination of the TTA.
Title	DCB-Output – feasible TTA
Status	<In Progress>
Rationale	Feasibility of TTA. The TTA will be based on the impact assessment (Forecasted Landing Time) from the local A-DCB tool (RMAN or AIMA) Any TTA shall be in line with the capacity constraint identified by the Airport-DCB • If TTA is related to the runway threshold than TTA = FLDT • If TTA is related to a point along the aircraft's flight trajectory (e.g. IAF) than TTA = FLDT minus expected flight time between TTA reference point and runway threshold.
Category	<Operational>

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Validation Method	<Real Time Simulation>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-DCBO.0050
Requirement	The Airport-DCB shall provide to the AOP, and update when necessary, for each flight EXIT and EXOT
Title	DCB-Output – Estimated Taxi Times (EXOT and EXIT)
Status	<In Progress>
Rationale	DCB update to users EXOT and EXIT based on assigned runway and gate/parking position
Category	<Operational>
Validation Method	<Real Time Simulation>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A

1.7.4 HMI

1.7.4.1 HMI-Input

[REQ]

Identifier	REQ-06.05.03-OSED-DCBH.0030
Requirement	The responsible stakeholder shall be able to overwrite the Declared Airport Capacity
Title	Capacity input - Declared
Status	<In Progress>
Rationale	enable basic capacity input responsible stakeholder could be Airport Operator, Airport Tower Supervisor or APOC Supervisor
Category	<HMI>
Validation Method	<Shadow Mode>
Verification Method	<Test>

[REQ Trace]

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Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-DCBH.0040
Requirement	The responsible stakeholder shall be able to overwrite the Practical Runway Capacities per runway as calculated by the Airport-DCB
Title	Capacity input - Manual capacity input
Status	<In Progress>
Rationale	enable basic capacity input. Responsible stakeholder could be the Airport Tower Supervisor
Category	<HMI>
Validation Method	<Shadow Mode>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-DCBH.0041
Requirement	The responsible stakeholder shall be able to overwrite the Runway configuration and/or runway operating modes as calculated by the Airport-DCB
Title	Capacity input - Manual capacity input
Status	<In Progress>
Rationale	enable basic capacity input. Responsible stakeholder could be the Airport Tower Supervisor
Category	<HMI>
Validation Method	<Shadow Mode>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-DCBH.0050
Requirement	Manual inputs shall only be performed by the responsible stakeholder
Title	access rights

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Status	<In Progress>
Rationale	enable basic capacity input
Category	<HMI>
Validation Method	<Shadow Mode>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-DCBH.0060
Requirement	The responsible stakeholder shall be able to insert and update when necessary, the availability of each runway
Title	Manual input runway usability
Status	<In Progress>
Rationale	enable basic capacity input Responsible stakeholder could be Airport Operator or APOC Supervisor. Runway availability means runway open" or "closed"
Category	<HMI>
Validation Method	<Shadow Mode>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-DCBH.0061
Requirement	The responsible stakeholder shall be able to insert and update when necessary, the usability of each runway
Title	Manual input runway usability
Status	<In Progress>
Rationale	enable basic capacity input Responsible stakeholder could be Airport Tower Supervisor or APOC Supervisor
Category	<HMI>
Validation Method	<Shadow Mode>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance

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<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-DCBH.0070
Requirement	The responsible stakeholder shall be able to initiate a “what-if” assessment
Title	HMI What if mode
Status	<In Progress>
Rationale	enable impact assessment Responsible stakeholder could be Airport Tower Supervisor or APOC Supervisor
Category	<HMI>
Validation Method	<Shadow Mode>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A

1.7.4.2 HMI-Output

[REQ]

Identifier	REQ-06.05.03-OSED-DCBH.0080
Requirement	The Airport-DCB shall display the actual and forecasted demand for each runway (expressed in arrivals and/or departures) with a by user freely selectable granularity of 5 min or more (e.g. 10, 15, 20 etc)
Title	HMI- DCB Output - Demand
Status	<In Progress>
Rationale	Basic information for DCB Management
Category	<HMI>
Validation Method	<Shadow Mode>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-DCBH.0090

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Requirement	The Airport-DCB shall display, for the actual and planned/forecasted runway configuration(s) and runway operating mode(s), the actual and planned/forecasted Practical Runway Capacity values
Title	HMI - DCB Output - Capacity
Status	<In Progress>
Rationale	Basic information for DCB Management
Category	<Operational>
Validation Method	<Shadow Mode>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-DCBH.0091
Requirement	The Airport-DCB shall display, for the actual and planned/forecasted runway configuration(s) and runway operating mode(s), the actual and planned/forecasted taxiway capacity values
Title	HMI - DCB Output - Capacity
Status	<In Progress>
Rationale	Basic information for DCB Management Taxiway Capacity values expressed in inbound, outbound and total ground movement rate per hour
Category	<Operational>
Validation Method	<Shadow Mode>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-DCBH.0092
Requirement	The Airport-DCB shall display, for the actual and planned/forecasted runway configuration(s) and runway operating mode(s), the actual and planned/forecasted TMA Capacity values
Title	HMI - DCB Output - Capacity
Status	<In Progress>
Rationale	Basic information for DCB Management TMA Capacity values expressed in inbound, outbound and total TMA movement rate per hour

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Category	<Operational>
Validation Method	<Shadow Mode>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-DCBH.0100
Requirement	The Airport-DCB shall display, for each runway the actual and forecasted KPI values (differentiated in arrivals, departures and total movements) with a by user freely selectable granularity of 5 minutes or more (eg. 10, 15, 20 etc)
Title	HMI - KPIs
Status	<In Progress>
Rationale	Basic information for DCB Management
Category	<Operational>
Validation Method	<Shadow Mode>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-DCBH.0110
Requirement	The Airport-DCB shall display, for each runway, an indication in time when one or more of the calculated KPI values exceed agreed threshold values
Title	DCB Monitoring - info
Status	<In Progress>
Rationale	Presentation of DCB monitoring information to DCB Users
Category	<HMI>
Validation Method	<Shadow Mode>
Verification Method	<Analysis>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A

[REQ]

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Identifier	REQ-06.05.03-OSED-DCBH.0130
Requirement	The Airport-DCB shall display, for each runway, the actual and planned/forecasted operating mode of the runway (“landing”, ”take-off”, “mixed-mode”, “Not in use”, “closed”) as also the available ILS category
Title	HMI DCB runway data
Status	<In Progress>
Rationale	enable impact assessment
Category	<HMI>
Validation Method	<Shadow Mode>
Verification Method	<Analysis>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-DCBH.0131
Requirement	The Airport-DCB shall display, for each runway, the actual and forecasted weather conditions (including probabilities), surface wind component in the direction of the runway and perpendicular to the runway, and when available the wind vectors up to an altitude of 5000ft
Title	HMI DCB wx related data
Status	<In Progress>
Rationale	enable impact assessment
Category	<HMI>
Validation Method	<Shadow Mode>
Verification Method	<Analysis>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-DCBH.0132
Requirement	The Airport-DCB shall display, for each runway, the actual and forecasted operating visibility conditions (including RVR) and cloud base
Title	HMI DCB wx related data
Status	<In Progress>
Rationale	enable impact assessment
Category	<HMI>
Validation Method	<Shadow Mode>

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Verification Method	<Analysis>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-DCBH.0133
Requirement	In case no weather data per runway is available, the generic weather data for the airport location shall be displayed
Title	HMI DCB wx related data
Status	<In Progress>
Rationale	enable impact assessment
Category	<HMI>
Validation Method	<Shadow Mode>
Verification Method	<Analysis>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-DCBH.0140
Requirement	The Airport-DCB shall display, for all alert messages (alarms and warnings), the affected time period the relevant KPI value and the threshold exceeded
Title	HMI- alarms
Status	<In Progress>
Rationale	Presentation of DCB monitoring information to DCB Users
Category	<HMI>
Validation Method	<Shadow Mode>
Verification Method	<Analysis>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-DCBH.0150

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Requirement	In case of a Demand Capacity imbalance, the Airport-DCB shall display all possible solutions of practical runway capacity distributions and associated KPI values, with the best performing runway capacity distribution first, based on criteria that can be selected by the user
Title	DCB management - HMI
Status	<In Progress>
Rationale	Presentation of DCB management information to DCB Users
Category	<HMI>
Validation Method	<Shadow Mode>
Verification Method	<Analysis>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-DCBH.0170
Requirement	In case of a “what-if” assessment, the Airport-DCB shall display the assessment results in order of best performing scenario/solution first, based on criteria that can be selected by the user
Title	DCB management - HMI
Status	<In Progress>
Rationale	Presentation of DCB management information to DCB Users
Category	<HMI>
Validation Method	<Shadow Mode>
Verification Method	<Analysis>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A

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1.8 Operational Requirements for De-icing

[REQ]

Identifier	REQ-06.06.02-OSED-0001.0010
Requirement	In the medium/short term planning phase the airport should produce a winter operations plan where the de-icing plan should be a central part, adapted for each airport's individual conditions
Title	DEICE-OP-1
Status	<In Progress>
Rationale	Introducing de-icing as an activity that is possible to plan
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>

[REQ]

Identifier	REQ-06.06.02-OSED-0001.0020
Requirement	The de-icing planning shall be reflected in the AOP and thereby shared to the Network through interaction between AOP and NOP
Title	DEICE-OP-2
Status	<In Progress>
Rationale	Introducing de-icing as an activity possible to plan
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>

[REQ]

Identifier	REQ-06.06.02-OSED-0001.0030
Requirement	Estimations of the de-icing request should be made as early as possible by the responsible stakeholder to improve predictability. The estimated request should be separated from actual request
Title	DEICE-OP-9
Status	<In Progress>
Rationale	Introducing de-icing as an activity possible to plan

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Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES TO>	<Operational Service>	Monitor Airport Performance	N/A

[REQ]

Identifier	REQ-06.06.02-OSED-0001.0040
Requirement	For De-icing planning, monitoring and post operations analysis a De-icing Management Tool (DIMT) may be used
Title	DEICE-OP-11
Status	<In Progress>
Rationale	Introducing de-icing as an activity possible to plan
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>
<APPLIES TO>	<Operational Service>	Monitor Airport Performance	N/A
<APPLIES TO>	<Operational Service>	Manage Airport Performance	N/A
<APPLIES TO>	<Operational Service>	Perform Post Operations Analysis	N/A

1.9 Information Exchange Requirements

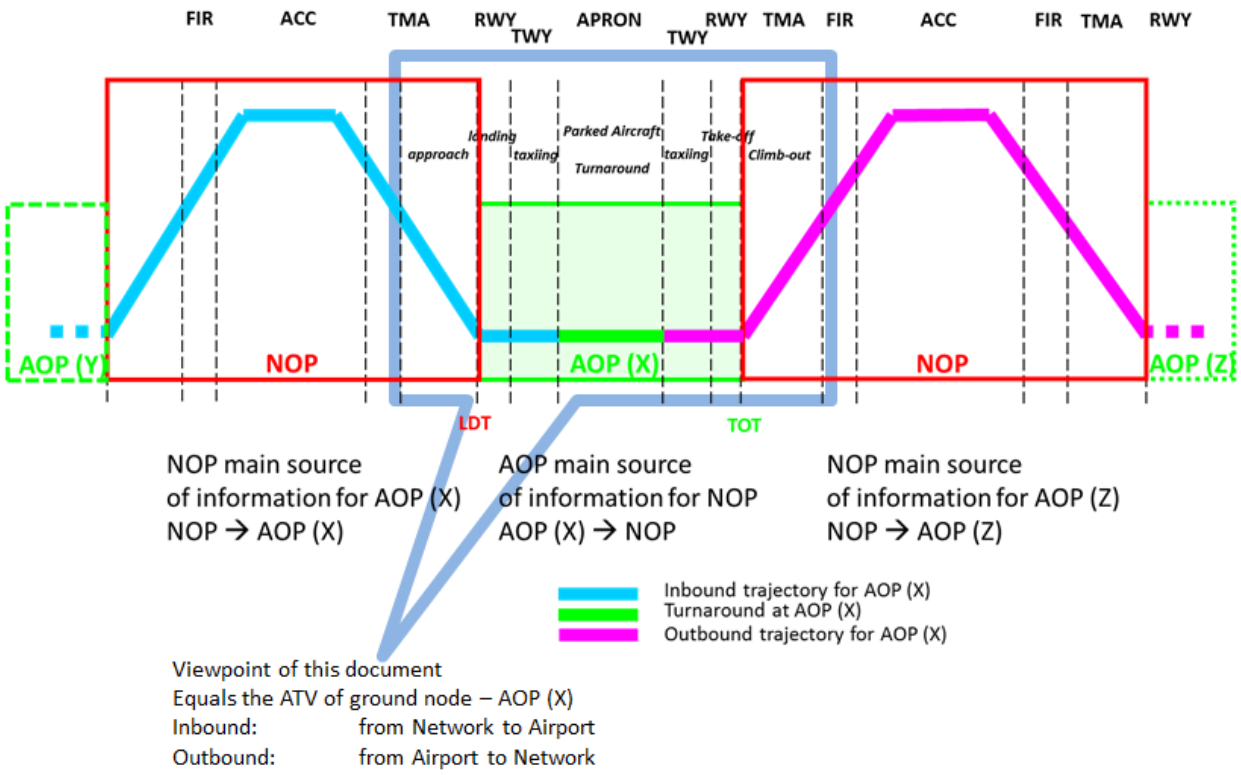
1.9.1 General Information Exchange Requirements

This section has an airport point of view. It therefore contains all those information elements that are relevant to the operation and management of the ground node (= airport) of the network. This included both information elements to be exchanged among the airport stakeholders (AOP) and the information elements to be exchanged with the Network (AOP – NOP information sharing). This section does not provide the information elements of the NOP that are not shared with the AOP.

The information exchange details, as provided in the IER tables, are presented and described from the AOP (X) point of view, see diagram below. The diagram makes clear that there is no direct information exchange between different AOP's. This means that information (e.g. trajectory progress) which is created and/or distributed by Ground Node / AOP (Y) is provided to the Ground Node / AOP (X) through the NOP. For Ground Node / AOP (X) the NOP acts as the sole issuer / distributor of

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those specific information elements although the source or even the owner of the information is not the NOP.



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1.9.1.1 Explanation to IER tables

Column headings in tables:

Column header	Explanation
Identifier	ID for each IER. Reference to P6.5.4 is used as this project is the main OFA editor.
Name	Name of the Information element.
Issuer	The information element Owner. (e.g. AOC, Apt Gnd, etc). If the information element is created / calculated by an AOP system the issuer is that system (e.g. AOP monitor). Where more than one issuer is possible for the specific information element, the one based on the full implementation of the proposed SESAR Airport Management process is given while alternative issuers, in case no full implementation, are given in brackets.
Addressees	If Confidentiality is "Public", then the Addressees is AOP (and NOP where relevant) as the information element is available to all AOP. If Confidentiality is "Restricted" then the limited number of Addressees are mentioned by their respective role/name. The information element shall be accessible through the AOP only for that limited number of Addressees.
Information Element	Short description of the information element.
Involved Operational Activities	Operational Activity(ies) where the IER is involved in. These can be one or more of the following activities: long/Medium/short term planning phase, Execution phase, Post Operations Phase.
Interaction Rules and Policy	Transmission rules: Interaction type: <one-way> or <two-way> Interaction frequency: <Ad Hoc> or <periodical> <Ad hoc> is only once (e.g. ALDT, can only be one each flight). <periodical> is updated when necessary (e.g. TOBT updates). Transmission time: <immediate> or < max 10 sec> or <several minutes> Policy Confidentiality: <Public> or <Restricted> Safety Critical: <yes> or <no effect> **Unless specified otherwise the following "Interaction rules and Policy" applies:** **Transmission rules -** **Interaction type : <one-way>** **Interaction frequency : <periodical>** **Transmission time : <max 10 sec>** **Policy -** **Confidentiality : <Public>** **Safety critical : <no effect>**
Status	fixed set at <in progress>
Rationale	further details / explanation around the information element.
Satisfied DOD req. ID	Still open, to be aligned with updated DOD step 1. During production of DOD step 1 the AOP and the APOC (airport Operations Management) was still classified as step 2.
Service Identifier	Name of relevant Operational Service(s) as known within OFA 05.01.01. These can be one or more of the following: Steer Airport Performance service, Manage Airport Performance service, Monitor Airport Performance service and Perform Post-Operations Analysis service. In the IER tables the following short writing is applied: • Str.Apt.Perf.svc = Steer Airport Performance service • Mng.Apt.Perf.svc = Manage Airport Performance service • Mon.Apt.Perf.svc = Monitor Airport Performance service • Post-Ops.Ana.svc = Perform Post-Operations Analysis service
Relevant OFA project	Project identifiers responsible for / involved with the IER. These can be P6.5.2, P6.5.3, P6.5.4, P6.5.5, P6.6.1 and P6.6.2.

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Issuers (Owner / Sources) and Addressees:

The following Issuers and Addressees have been distinguished.

Issuer / Addressee	Description
AOC	Airline Operations Centre - represents the Airspace User
AO	Airport Operator
NM	Network Manager / Management
ANSP	Organisation(s) that provides the ANSP at the specific airport (ground node / AOP (X))
Local ATC	Local Air Traffic Controlling Organisation
GH	Ground Handler
DIA	De-Icing Agent
APOC Participants	All local airport stakeholders participating in the APOC (AirPort Operations Centre) of the Ground Node / AOP(X)
APOC Assign. Part.	A single APOC participant assigned for a specific task / activity
APOC Affect. Part.	The APOC participants affected by that specific task / activity
APOC Supervisor	Individual that acts as final decision maker in the APOC organisation
OSB	Operational Steering Board – of the Ground Node / AOP (X)
MET	MET office / officer
Flight Crew	Cockpit Crew and/or aircraft systems
Airport stakeholder's	All relevant Airport stakeholders, including users and service providers
A-SMGCS	Advanced Surface Movement Guidance & Control System - Surveillance system / tool at the Ground Node / AOP (X)
AMAN	Arrival MANager. Tool of the ANSP to assist in the planning and management of inbound traffic flows towards the Ground Node / AOP (X)
DMAN	Departure MANager – Tool of the ANSP to assist in the planning and management of outbound traffic flows from the Ground Node / AOP (X)
AOP Monitor	Airport Operations Plan Monitor - Tool of the Ground Node / AOP (X) that assists in monitoring the local operations
Post Ops Analysis Support Sys.	Tools of the Airport stakeholders to perform analyses and prepare reports
Stand Planner	Management of stand planning at an airport
NOP	Network Operations Plan
AOP	Airport Operations Plan
DCB Tool	Demand Capacity Balancing tool

Table 1. Issuers and Addressees

Conditions

The following conditions apply.

- AIRM, EUROCAE ED-145 apply
- Time stamps / milestones are always in the format: **<dd/mm/yyyy HH:MM:SS>**
- Durations are always in the format: **<HH:MM:SS>**

For Post operations purposes, the exchange of each information element shall be accompanied with the following properties:

- the time the information element has been first created / initiated,
- the time of any update to the information element,
- the source of the update to the information element (if other than the issuer / information element owner)

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1.9.2 IER's related to AOP Content Elements for each individual trajectory

1.9.2.1 Flight Identification and specification information elements

The table below presents the information elements that identifies / specifies an individual trajectory.

- Each information element cannot be exchanged individually (stand-alone) as the link to the specific Flight Identification needs to be maintained.
- Each information element shall therefor be exchanged in combination with the relevant FL ID.
- Each information element may be exchanged in groups of multiple information elements.

[IER]

Identifier	Name	Issuer	Intended Addressees	Information Element	Involved Operational Activities	Interaction Rules and Policy	Status	Rationale	Satisfied DOD Requirement Identifier	Service Identifier
IER-06 05.04-OSED-FLID.0001	FL D	AOC	NOP; AOP	IATA Flight identification - Equals: {Prefix} + {number} + {Suffix} To be exchanged in combination with: • DOF	ST planning & Exec. phase	Prefix: equals three letter ICAO airline code Number: equals four digit flight number Suffix: One character. Related to flight number where the same flight number might appear twice on the day. E g. - returned for tech reasons and then re-departs. To maintain a unique flight number during the day of operation The FL ID is initially provided by the AOC. From the moment the information element is known to/in the NOP, the NOP will be the single source for this information element. *Available to the AOP through the NOP*	<Validated>	For planning and management purpose	REQ-06.02-DOD-6200.0081<Partial>	
IER-06 05.04-OSED-FLID.0002	Code Share D	AOC	NOP; AOP	Identification of all code shared flight Identifications assigned to the trajectory (Flight) as specified by the FL D For each code share - {prefix} + {number} + {Suffix} To be exchanged in combination with: • FL D • DOF	ST planning & Exec. phase	Prefix: equals three letter ICAO airline code Number: equals four digit flight number Suffix: One character. Related to flight number where the same flight number might appear twice on the day. E g. - returned for tech reasons and then re-departs. To maintain a unique flight number during the day of operation No Interest by NOP in Code Share ID's. No need to exchange this information element with the NOP The Code Share ID is initially provided by the AOC. *Available to the NOP through the AOP*	<Validated>	For planning and management purpose	REQ-06.02-DOD-6200.0081<Partial>	

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Identifier	Name	Issuer	Intended Addressees	Information Element	Involved Operational Activities	Interaction Rules and Policy	Status	Rationale	Satisfied DOD Requirement Identifier	Service Identifier
IER-06 05.04-OSED-FLID.0005	ARCID	AOC	NOP; AOP	ICAO call sign e.g. AFR12CH -as per ED-145 To be exchanged in combination with: • FL D • DOF	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc> The ARCID is initially provided by the AOC. From the moment the information element is known to/in the NOP the NOP will be the single source for this information element. *Available to the AOP through the NOP*	<Validated>	For planning and management purpose Call sign does not have to be equal to flight number	REQ-06.02-DOD-6200.0081<Partial>	
IER-06 05.04-OSED-FLID.0006	DOF	AOC	NOP; AOP	IATA Date of Scheduled Flight - (field 18 on ICAO flight plan) of first leg of the flight. To be exchanged in combination with: • FL D	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc> The DOF is initially provided by the AOC. From the moment the information element is known to/in the NOP the NOP will be the single source for this information element. *Available to the AOP through the NOP*	<Validated>	For planning and management purpose Note: In IFPS the DOF is received in format <YYMMDD>. Need to be aligned.	REQ-06.02-DOD-6200.0081<Partial>	
IER-06 05.04-OSED-FLID.0007	ARRDEP	AO; (AOP System)	AOP	Arrival / Departure indicator - ARRDEP can be either "A" or "D" To be exchanged in combination with: • FL D • DOF	ST planning & Exec. phase	The ARRDEP is calculated/determined by the AOP system based on the flight plan information	<Validated>	For planning and management purpose Not of interest for the NOP. No need to exchange this information element with the NOP	REQ-06.02-DOD-6200.0081<Partial>	
IER-06 05.04-OSED-FLID.0009	GUFI	AOC	NOP; AOP	Global Unique Flight Identifier To be exchanged in combination with: • FL D • DOF	ST planning & Exec. phase	The GUFI is provided by the Network Manager (NOP system) *Available to the AOP through the NOP*	<Validated>	For planning and management purpose In order to track changes to individual flight details. **Proposed by ICAO - definition still being developed**	REQ-06.02-DOD-6200.0081<Partial>	
IER-06 05.04-OSED-FLID.0010	FPL D	NM; (NOP)	AOP	Initial Flight Plan Identifier = NM reference To be exchanged in combination: • FL D • DOF	ST planning & Exec. phase	The IFPLID is provided by the Network Manager (NOP system) *Available to the AOP through the NOP*	<Validated>	For planning and management purpose Unique identifier as used in the IFPS database **may be replaced by GUFI in the future.**	REQ-06.02-DOD-6200.0081<Partial>	
IER-06 05.04-OSED-FLID.0101	AC OP	AOC	NOP; AOP	Aircraft Operator name or code To be exchanged in combination with: • FL D • DOF	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc> The AC OP is initially provided by the AOC. From the moment the information element is known to/in the NOP the NOP will be the single source for this information element. *Available to the AOP through the NOP*	<Validated>	For planning and management purpose Flight Plan field 18 field is not mandatory on the flight plan. AO = A-CDM acronym APO = Flight plan acronym	REQ-06.02-DOD-6200.0081<Partial>	
IER-06 05.04-OSED-FLID.0108	FL type	AOC	NOP; AOP	Type of flight - scheduled, charter, military, GA - according to ICAO To be exchanged in combination with: • FL D • DOF	ST planning & Exec. phase	The FL Type is initially provided by the AOC. From the moment the information element is known to/in the NOP the NOP will be the single source for this information element. *Available to the AOP through the NOP*	<Validated>	For planning and management purpose	REQ-06.02-DOD-6200.0081<Partial>	

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Identifier	Name	Issuer	Intended Addressees	Information Element	Involved Operational Activities	Interaction Rules and Policy	Status	Rationale	Satisfied DOD Requirement Identifier	Service Identifier
IER-06 05.04-OSED-FLID.0109	FL ST	AOC	NOP; AOP	Flight Priority, equals ICAO reason for special handling e.g. state, humanitarian, head of state To be exchanged in combination with: • FL_D • DOF	ST planning & Exec. phase	The FL ST is initially provided by the AOC. From the moment the information element is known to/in the NOP the NOP will be the single source for this information element. *Available to the AOP through the NOP*	<Validated>	For planning and management purpose Special Status Flight as per NM Manual & ICAO 444	REQ-06.02-DOD-6200.0081<Partial>	
IER-06 05.04-OSED-FLID.0110	Prioritisation Tag	AOC	NOP; AOP	Flight Priority Indicator - Yes/no or priority level To be exchanged in combination with: • FL_D • DOF	ST planning & Exec. phase	The Prioritisation Tag is initially provided by the AOC. From the moment the information element is known to/in the NOP the NOP will be the single source for this information element. *Available to the AOP through the NOP*	<Validated>	For planning and management purpose Safeguarded data slot to accommodate UDPP prioritised aircraft concept.	REQ-06.02-DOD-6200.0081<Partial>	
IER-06 05.04-OSED-FLID.0111	REG	AOC	NOP; AOP	Aircraft Registration (tail number) – IATA To be exchanged in combination with: • FL_D • DOF	ST planning & Exec. phase	The REG is initially provided by the AOC. From the moment the information element is known to/in the NOP the NOP will be the single source for this information element. *Available to the AOP through the NOP*	<Validated>	Max length 7 characters For planning and management purpose	REQ-06.02-DOD-6200.0081<Partial>	
IER-06 05.04-OSED-FLID.0112	ARCCOD	AOC	NOP; AOP	Aircraft Code (IATA Aircraft Type) - as per ED-145 To be exchanged in combination with: • FL_D • DOF	ST planning & Exec. phase	The ARCCOD is initially provided by the AOC. From the moment the information element is known to/in the NOP the NOP will be the single source for this information element. *Available to the NOP through the AOP*	<Validated>	For planning and management purpose	REQ-06.02-DOD-6200.0081<Partial>	
IER-06 05.04-OSED-FLID.0113	ATYP	AOC	NOP; AOP	Aircraft Type (ICAO Aircraft type) - as per ED-145 To be exchanged in combination with: • FL_D • DOF	ST planning & Exec. phase	The ATYP is initially provided by the AOC. From the moment the information element is known to/in the NOP the NOP will be the single source for this information element. *Available to the AOP through the NOP*	<Validated>	For planning and management purpose Sourced from ICAO Flight Plan - field 9. FMS sends ICAO code.	REQ-06.02-DOD-6200.0081<Partial>	
IER-06 05.04-OSED-FLID.0114	WTC	AOC	NOP; AOP	Aircraft Wake Turbulence Category To be exchanged in combination with: • FL_D • DOF • ARCCOD • ATYPE	ST planning & Exec. phase	The WTC is initially provided by the AOC. From the moment the information element is known to/in the NOP the NOP will be the single source for this information element. ANSP may use their own Wake Turbulence Categories, This will be provided by their won conversion tables based on the ARCCOD and/or ATYP information elements. *Available to the AOP through the NOP*	<Validated>	For planning and management purpose For arrival/departure sequence planning purposes Is related to aircraft type (ARCCOD and ATYP)	REQ-06.02-DOD-6200.0081<Partial>	
IER-06 05.04-OSED-FLID.0205	TERM ID	AOC; (AO)	NOP; AOP	Terminal ID - Number / Name of Terminal to / from which the aircraft is operating. To be exchanged in combination with: • FL_D • DOF	ST planning & Exec. phase	The TERM ID is initially provided by the AOC. If not assigned by the AOC, the Airport Operator (AO) may assign the terminal *Available to the NOP through the AOP*	<Validated>	For planning and management purpose Specific airlines and/or flights (due to origin/destination) can only be handled at a specific terminal.	REQ-06.02-DOD-6200.0081<Partial>	

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1.9.2.1.1 Additional Identification / Specification Information Elements for an inbound trajectory

[IER]

Identifier	Name	Issuer	Intended Addressees	Information Element	Involved Operational Activities	Interaction Rules and Policy	Status	Rationale	Satisfied DOD Requirement Identifier	Service Identifier
IER-06 05.04-OSED-FLID.0003	FL ID next	AOC	AOP; NOP	IATAFlight Identification of next movement To be exchanged in combination with: • FL D • DOF	ST planning & Exec. phase	The FL ID next is initially provided by the AOC. From the moment the information element is known to/in the NOP the NOP will be the single source for this information element. *Available to the NOP through the AOP*	<Validated>	For planning and management purpose. Required for creating the Airport Transit View; Connecting the inbound trajectory to the outbound trajectory of a specific airframe (tail number). For inbound Trajectories the allocated Flight Identification of the next outbound trajectory.	REQ-06.02-DOD-6200.0081<Partial>	
IER-06 05.04-OSED-FLID.0207	ARCID next	AOC	AOP; NOP	ICAO call sign of next movement e.g. AFR12CH -as per ED-145 To be exchanged in combination with: • FL ID DOF	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc> The ARCID next is initially provided by the AOC. From the moment the information element is known to/in the NOP the NOP will be the single source for this information element. *Available to the NOP through the AOP*	<Validated>	For planning and management purpose. Call sign does not have to be equal to flight number. Required for creating the Airport Transit View; Connecting the inbound trajectory to the outbound trajectory of a specific airframe (tail number).	REQ-06.02-DOD-6200.0081<Partial>	
IER-06 05.04-OSED-FLID.0208	GUFI next	AOC	NOP; AOP	Global Unique Flight Identifier of next movement To be exchanged in combination with: • FL ID DOF	ST planning & Exec. phase	The GUFI next is provided by the Network Manager (NOP system) *Available to the NOP through the AOP*	<Validated>	For planning and management purpose. In order to track changes to individual flight details. Proposed by ICAO - definition still being developed. Required for creating the Airport Transit View; Connecting the inbound trajectory to the outbound trajectory of a specific airframe (tail number).	REQ-06.02-DOD-6200.0081<Partial>	

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IER-06 05.04-OSED-FLID.0102	AAST	AOC	AOP; NOP	Airport Arrival Slot Time - The allocated Airport Arrival Slot as issued by the Airport Slot Coordinator To be exchanged in combination with: • FL_D • DOF	ST planning & Exec. phase	The AAST is initially provided by the AOC. From the moment the information element is known to/in the NOP the NOP will be the single source for this information element. *Available to the NOP through the AOP*	<Validated>	For planning and management purpose For performance monitoring purposes	REQ-06.02-DOD-6200.0081<Partial>	
IER-06 05.04-OSED-FLID.0104	S BT	AOC	NOP; AOP	Scheduled In-Block Time - The time that an aircraft is scheduled to arrive at its parking position. To be exchanged in combination with: • FL_D • DOF	ST planning & Exec. phase	The SIBT is initially provided by the AOC. From the moment the information element is known to/in the NOP the NOP will be the single source for this information element. *Available to the NOP through the AOP*	<Validated>	Previously known as STA For planning and management purpose For performance monitoring purposes	REQ-06.02-DOD-6200.0081<Partial>	
IER-06 05.04-OSED-FLID.0106	SLDT	AOC	AOP	Scheduled Landing Time - The time an aircraft is scheduled to land To be exchanged in combination with: • FL_D • DOF	ST planning & Exec. phase	The SLDT is initially provided by the AOC. Can also be determined by deducting the average taxi-in time from the scheduled In-Block time (S BT)	<Validated>	For planning and management purpose For performance monitoring purposes	REQ-06.02-DOD-6200.0081<Partial>	
IER-06 05.04-OSED-FLID.0201	ADEP	AOC	NOP; AOP	Aerodrome of Departure (ICAO) To be exchanged in combination with: • FL_D • DOF	ST planning & Exec. phase	The ADEP is initially provided by the AOC. From the moment the information element is known to/in the NOP the NOP will be the single source for this information element. ADEP can be changed from the one initially provided for reasons like Diversion, Technical intermediate stop, Medical diversion etc. *Available to the AOP through the NOP*	<Validated>	For flight planning and gate planning purposes Used for passenger process monitoring	REQ-06.02-DOD-6200.0081<Partial>	
IER-06.05.04-OSED-FLID.0203	DEP	AOC	NOP; AOP	Departure Airport (IATA Code) To be exchanged in combination with: • FL_D • DOF	ST planning & Exec. phase	The DEP is initially provided by the AOC. From the moment the information element is known to/in the NOP the NOP will be the single source for this information element. DEP can be changed from the one initially provided for reasons like Diversion, Technical intermediate stop, Medical diversion etc. *Available to the NOP through the AOP*	<Validated>	For slot coordination purposes, should match ADEP Can also be converted by using ADEP	REQ-06.02-DOD-6200.0081<Partial>	

1.9.2.1.2 Additional Identification / Specification Information Elements for an outbound trajectory

[IER]

Identifier	Name	Issuer	Intended Addressees	Information Element	Involved Operational Activities	Interaction Rules and Policy	Status	Rationale	Satisfied DOD Requirement Identifier	Service Identifier

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IER-06 05.04-OSED-FLID.0004	FL_D previous	AOC	AOP; NOP	IATAFlight Identification of previous movement To be exchanged in combination with: • FL_D • DOF	ST planning & Exec. phase	The FL ID is initially provided by the AOC. From the moment the information element is known to/in the NOP the NOP will be the single source for this information element. *Available to the NOP through the AOP*	<Validated>	For planning and management purpose. Required for creating the Airport Transit View; Connecting the inbound trajectory to the outbound trajectory of a specific airframe (tail number). For outbound Trajectories the allocated Flight Identification of the previous inbound trajectory. Required to check on consistency.	REQ-06.02-DOD-6200.0081<Partial>	
IER-06 05.04-OSED-FLID.0209	ARCID previous	AOC	AOP; NOP	ICAO call sign of previous movement e.g. AFR12CH -as per ED-145 To be exchanged in combination with: • FL ID • DOF	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc> The ARCID previous is initially provided by the AOC. From the moment the information element is known to/in the NOP the NOP will be the single source for this information element. *Available to the NOP through the AOP*	<Validated>	For planning and management purpose. Call sign does not have to be equal to flight number. Required for creating the Airport Transit View; Connecting the inbound trajectory to the outbound trajectory of a specific airframe (tail number).	REQ-06.02-DOD-6200.0081<Partial>	
IER-06 05.04-OSED-FLID.0210	GUFI previous	AOC	NOP; AOP	Global Unique Flight Identifier of previous movement To be exchanged in combination with: • FL ID • DOF	ST planning & Exec. phase	The GUFI previous is provided by the Network Manager (NOP system) *Available to the NOP through the AOP*	<Validated>	For planning and management purpose. In order to track changes to individual flight details. **Proposed by ICAO - definition still being developed.** Required for creating the Airport Transit View; Connecting the inbound trajectory to the outbound trajectory of a specific airframe (tail number).	REQ-06.02-DOD-6200.0081<Partial>	
IER-06 05.04-OSED-FLID.0103	ADST	AOC	NOP; AOP	Airport Departure Slot Time - The allocated Airport Departure Slot as issued by the Airport Slot Coordinator To be exchanged in combination with: • FL_D • DOF	ST planning & Exec. phase	The ADSTis initially provided by the AOC. From the moment the information element is known to/in the NOP the NOP will be the single source for this information element. *Available to the NOP through the AOP*	<Validated>	For planning and management purpose For performance monitoring purposes	REQ-06.02-DOD-6200.0081<Partial>	

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IER-06 05.04-OSED-FLID.0105	SOBT	AOC	NOP; AOP	Scheduled Off-Block Time - The time that an aircraft is scheduled to depart from its parking position. To be exchanged in combination with: • FL_D • DOF	ST planning & Exec. phase	The SOBT is initially provided by the AOC. From the moment the information element is known to/in the NOP the NOP will be the single source for this information element. *Available to the NOP through the AOP*	<Validated>	For planning and management purpose For performance monitoring purposes	REQ-06.02-DOD-6200.0081<Partial>	
IER-06 05.04-OSED-FLID.0107	STOT	AOC	AOP	Scheduled Take Off Time - The time that an aircraft is scheduled to take-off. To be exchanged in combination with: • FL_D • DOF	ST planning & Exec. phase	The STOT is initially provided by the AOC Can also be determined by adding the average taxi-out time to the scheduled Off-Block time (SOBT)	<Validated>	For planning and management purpose For performance monitoring purposes	REQ-06.02-DOD-6200.0081<Partial>	
IER-06 05.04-OSED-FLID.0202	ADES	AOC	NOP; AOP	Aerodrome of Destination (ICAO) To be exchanged in combination with: • FL_D • DOF	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc> The ADES is initially provided by the AOC. From the moment the information element is known to/in the NOP the NOP will be the single source for this information element. *Available to the AOP through the NOP*	<Validated>	For flight planning and gate planning purposes Used for passenger process monitoring	REQ-06.02-DOD-6200.0081<Partial>	
IER-06 05.04-OSED-FLID.0204	DEST	AOC	NOP; AOP	Destination Airport (IATA Code) To be exchanged in combination with: • FL_D • DOF	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc> The FL ID is initially provided by the AOC. From the moment the information element is known to/in the NOP the NOP will be the single source for this information element. *Available to the NOP through the AOP*	<Validated>	For slot coordination purposes, should match ADES Can also be converted by using ADES	REQ-06.02-DOD-6200.0081<Partial>	

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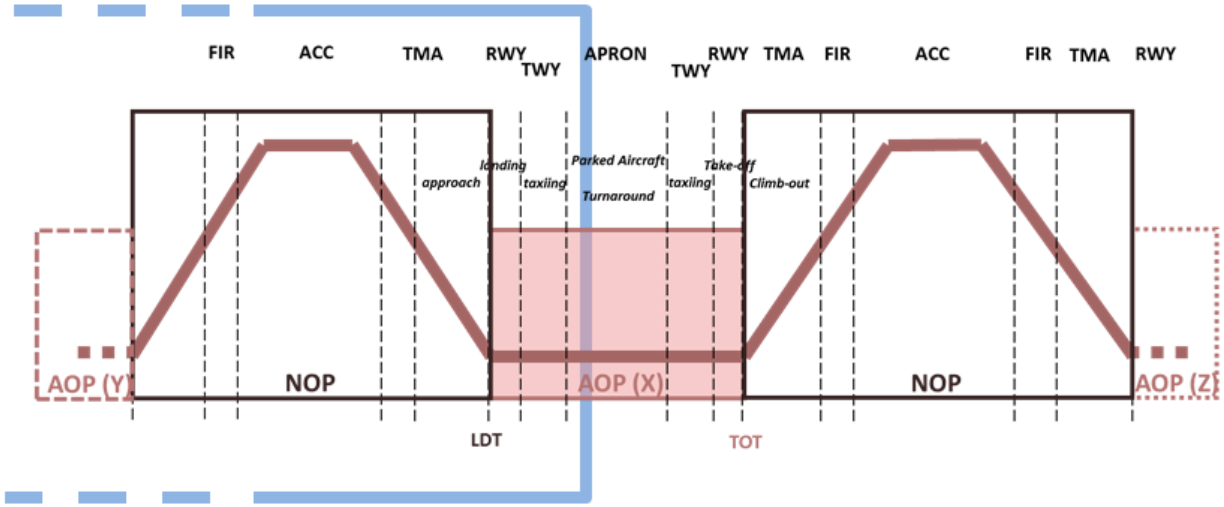
1.9.2.2 Flight Progress information

The table below presents the information elements that specify the progress of each individual trajectory.

- Each Information Element cannot be exchanged individually (stand-alone) as the link to the specific trajectory needs to be maintained.
- Each Information Element shall therefor be exchanged in combination with at least the relevant FL ID.
- Each Information Element may be exchanged in groups of multiple information elements. Additional elements as described in the column “Information Element”.

Dependent on being an inbound or an outbound trajectory to the relevant Airport, the flight progress information for each individual trajectory shall contain the following information elements:

1.9.2.2.1 Flight Progress Information Elements for an inbound trajectory:



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[IER]

Identifier	Name	Issuer	Intended Addressees	Information Element	Involved Operational Activities	Interaction Rules and Policy	Status	Rationale	Satisfied DOD Requirement Identifier	Service Identifier
IER-06 05.04-OSED-FLTP.0515	Flight Plan status	AOC	NOP; AOP	Flight Plan status – Pre-departure, suspended, airborne or diverted To be exchanged in combination with: • FL ID • IFPLID • DOF	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc> Transmission time : <several min.> The Flight plan status is initially provide by the AOC *Available to the AOP through the NOP*	<Validated>	For performance monitoring and management purposes	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0083<Partial>; REQ-06.02-DOD-6200.0086<Partial>	
IER-06 05.04-OSED-FLTP.0516	API status	Local ATC service provider	NOP; AOP	Arrival Planning Information (API) status – Initial, update or cancel) To be exchanged in combination with: • FL ID • IFPLID • DOF	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc> Transmission time : <several min.> The API status is initially provided by the local ATC service provider. *Available to the NOP through the AOP*	<Validated>	For performance monitoring and management purposes	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0083<Partial>; REQ-06.02-DOD-6200.0086<Partial>	
IER-06 05.04-OSED-FLTP.0001	Flight Status – SCH	AOC;	NOP; AOP	Scheduled - The aircraft operation is scheduled but not confirmed yet To be exchanged in combination with: • FL ID • DOF	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc> Transmission time : <several min.> The status - SCH is initially provided by the AOC. From the moment the information element is known to/in the NOP the NOP will be the single source for this information element. *Available to the AOP through the NOP*	<Validated>	For performance monitoring and management purposes	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0083<Partial>	
IER-06 05.04-OSED-FLTP.0021	Flight Status – CNX	AOC;	NOP; AOP	Cancelled - Flight has been cancelled To be exchanged in combination with: • FL ID • DOF • Date and time on in-blocks (AIBT)	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc> *Available to the AOP through the NOP*	<Validated>	For performance monitoring and management purposes	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0083<Partial>	
IER-06 05.04-OSED-FLTP.0002	Flight Status - NI	AOC	NOP; AOP	Initiated - The aircraft operation has been confirmed (flight plan activated). This status has the equivalent objective as the "Initial" status in CDM To be exchanged in combination with: • FL ID • DOF	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc> Transmission time : <several min.> The status - INI is initially provided by the AOC. From the moment the information element is known to/in the NOP the NOP will be the single source for this information element. *Available to the AOP through the NOP*	<Validated>	For performance monitoring and management purposes	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0083<Partial>	
IER-06 05.04-OSED-FLTP.0003	Flight Status – A R	AOC	NOP; AOP	Airborne - The aircraft has just taken off from the origin airport To be exchanged in combination with: • FL ID • DOF • ATOT from origin (same as DEP message)	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc> The status - AIR is initially provided by the AOC. From the moment the information element is known to/in the NOP the NOP will be the single source for this information element. *Available to the AOP through the NOP*	<Validated>	Used to calculate Estimated arrival time. Triggers ICAO flight update message equals ACARS OOOI Event = "OFF" (Off the Ground)	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0083<Partial>	

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Identifier	Name	Issuer	Intended Addressees	Information Element	Involved Operational Activities	Interaction Rules and Policy	Status	Rationale	Satisfied DOD Requirement Identifier	Service Identifier
IER-06 05.04-OSED-FLTP.0004	Flight Status – F R	Local ATC service provider	NOP; AOP	Within FIR boundary - The aircraft has entered local F R in which the relevant airport is located To be exchanged in combination with: • FL ID • DOF • Date and time of FIR entry • FIR identifier (same as FSA message)	ST planning & Exec. phase	Transmission rules - Interaction frequency : <ad hoc> *Available to the NOP through the AOP*	<Validated>	For performance monitoring and management purposes. Purpose is to calculate/update ELDT when aircraft is within (local) ANSP (ACC Ctrl) area of responsibility	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0083<Partial>	
IER-06 05.04-OSED-FLTP.0022	Flight Status – IDH	Local ATC service provider	NOP; AOP	Indefinite Holding - Flight in indefinite holding, unable to continue approach To be exchanged in combination with: • FL ID • DOF • Date and time of first status – IDH exchange	ST planning & Exec. phase	Transmission rules - Interaction type : <Collaborative> *Available to the NOP through the AOP*	<Validated>	For performance monitoring and management purposes	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0083<Partial>	
IER-06 05.04-OSED-FLTP.0023	Flight Status – DIV	AOC; (Local ATC service provider); (NM)	NOP; AOP	Diverted - Flight has been diverting To be exchanged in combination: • FL ID • DOF • Date and time of first status – DIV exchange	ST planning & Exec. phase	Transmission rules - Interaction type : <Collaborative> If diversion is initiated outside the area of responsibility of the European network, the status – DIV is provided by the AOC. *Available to the AOP through the NOP* If diversion is initiated within the Area of responsibility of the European network the status – DIV is provided by the NOP. *Available to the AOP through the NOP* If diversion is initiated within local FIR or local TMA the status – DIV is provided by the local ATC service provider to the NOP *Available to the NOP through the AOP*	<Validated>	For performance monitoring and management purposes	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0083<Partial>	
IER-06 05.04-OSED-FLTP.0005	Flight Status - TMA	Local ATC service provider	NOP; AOP	Within TMA Boundary - The aircraft has entered local TMA To be exchanged in combination with: • FL ID • DOF • Date and time of TMA entry (AIAT) • TMA identifier (same as FSA message)	ST planning & Exec. phase	Transmission rules - Interaction frequency : <ad hoc> *Available to the NOP through the AOP*	<Validated>	For performance monitoring and management purposes Purpose is to calculate/update ELDT when aircraft is within (local) ANSP (TMA Ctrl) area of responsibility	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0083<Partial>	
IER-06 05.04-OSED-FLTP.0006	Flight Status - FNL	Local ATC service provider	NOP; AOP	On Final Approach - The aircraft has got to the FAF or FAP (Final Approach Fix point) and proceeds to fly the final approach segment towards the airport To be exchanged in combination with: • FL ID • DOF • Date and time at FAF/FAP (AFAT) • FAF/FAP identifier	ST planning & Exec. phase	Transmission rules - Interaction frequency : <ad hoc> *Available to the NOP through the AOP*	<Validated>	For performance monitoring and management purposes Purpose is to calculate/update ELDT when aircraft is within (local) ANSP (TWR Ctrl) area of responsibility	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0083<Partial>	

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Identifier	Name	Issuer	Intended Addressees	Information Element	Involved Operational Activities	Interaction Rules and Policy	Status	Rationale	Satisfied DOD Requirement Identifier	Service Identifier
IER-06 05.04-OSED-FLTP.0024	Flight Status – GOA	Local ATC service provider	NOP; AOP	Go-around - Flight has made a go around To be exchanged in combination with: • FL ID • DOF • Date and time of first status – GOA exchange	ST planning & Exec. phase	Transmission rules - Interaction type : <Collaborative> *Available to the NOP through the AOP*	<Validated>	For performance monitoring and management purposes	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0083<Partial>	
IER-06 05.04-OSED-FLTP.0007	Flight Status - TXI	A-SMGCS; (Local ATC service provider - Apt Gnd)	AOP; NOP	Landed / Taxi-in - The aircraft is on ground and rolling to the stand To be exchanged in combination with: • FL ID • DOF • Date and time of leaving landing runway	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc> The status – TXI is provided by the A-SMGCS system. If no A-SMGCS system available the status – TXI is provided by the Local ATC service provider (Apt Gnd) *Available to the NOP through the AOP*	<Validated>	For performance monitoring and management purposes. equals ACARS OOOI event = "ON" (On the Ground)	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0083<Partial>	
IER-06 05.04-OSED-FLTP.0008	Flight Status - BK	A-SMGCS; Local ATC service provider – Apt Gnd); (GH)	AOP; NOP	In-Block - The aircraft is on the stand. To be exchanged in combination with: • FL ID • DOF • Date and time on in-blocks (AIBT) • GATEARR • PKARR	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc> The status – IBK is provided by the A-SMGCS system. If no A-SMGCS system available the status – IBK is provided by the GH (or Airport Operator) *Available to the NOP through the AOP*	<Validated>	For performance monitoring and management purposes equals ACARS OOOI event = " N" (Into the gate)	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0083<Partial>	
IER-06 05.04-OSED-FLTP.0009	Flight Status - DBR	GH	AOP	De-Boarding - The de-boarding of passenger has started To be exchanged in combination with: • FL ID • DOF • Date and time of start ground handling (ACGT) • GATEARR • PKARR	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc>	<Validated>	For performance monitoring and management purposes	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0083<Partial>	
IER-06 05.04-OSED-FLTP.0010	Flight Status - DBC	GH	AOP	De-Boarding Completed - The aircraft is on stand and all passengers disembarked the aircraft To be exchanged in combination with: • FL ID • DOF • Date and time of end ground handling (AEGT) • GATEARR • PKARR	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc>	<Validated>	For performance monitoring and management purposes	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0083<Partial>	

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Identifier	Name	Issuer	Intended Addressees	Information Element	Involved Operational Activities	Interaction Rules and Policy	Status	Rationale	Satisfied DOD Requirement Identifier	Service Identifier
IER-06 05.04-OSED-FLTP.0520	TTA	AOC	NOP; AOP	TTA - Target Time of Arrival for inbound flight. To be exchanged in combination with: • FL ID • DOF • RWYARR	Medium term planning	Transmission rules - Interaction type : <Collaborative> *Available to the NOP through the AOP*	<Updated>	To be provided by the AOC based on their flight intentions (schedule). Calculated from scheduled time of arrival as published by the Airline / aircraft operator. WP7 & OFA05.01.01 to develop process to establish TTA	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0083<Partial>; REQ-06.02-DOD-6200.0086<Partial>	
IER-06 05.04-OSED-FLTP.0103	CTA	NM; (NOP)	AOP	CTA - Controlled time of arrival at hand over fix (not landing) - with some level of tolerance. To be exchanged in combination with: • FL ID • DOF • RWYARR • STAR	ST planning & Exec. phase	*Available to the AOP through the NOP*	<Validated>	WP7 & OFA05.01.01 to develop process to establish CTA & TTA	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0083<Partial>	
IER-06 05.04-OSED-FLTP.0104	TIAT	Local ATC service provider - TMA ctrl)	NOP; AOP	TIAT - Target Initial Approach Fix or metering fix - point on the STAR To be exchanged in combination with: • FL ID • DOF • RWYARR • STAR	ST planning & Exec. phase	*Available to the AOP through the NOP*	<Validated>	For arrival planning and management	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0083<Partial>	
IER-06 05.04-OSED-FLTP.0105	EIAT	NM; (NOP)	AOP	EIAT - Estimated initial Approach Fix Time - or metering Fix To be exchanged in combination with: • FL ID • DOF • RWYARR • STAR	ST planning & Exec. phase	*Available to the AOP through the NOP*	<Validated>	For planning and management	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0083<Partial>	
IER-06 05.04-OSED-FLTP.0106	AIAT	AMAN; (Local ATC service provider - TMA Ctrl)	NOP; AOP	AIAT - Actual Initial Approach Fix Time - or metering Fix To be exchanged in combination with: • FL ID • DOF • RWYARR • STAR	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc> If no AMAN available than the AIAT is provided by the local ATC service provider – TMA Ctrl. *Available to the AOP through the NOP*	<Validated>	For planning and management	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0083<Partial>	

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Identifier	Name	Issuer	Intended Addressees	Information Element	Involved Operational Activities	Interaction Rules and Policy	Status	Rationale	Satisfied DOD Requirement Identifier	Service Identifier
IER-06 05.04-OSED-FLTP.0107	ASET	AMAN; (Local ATC service provider - TMA Ctrl)	AOP	ASET – Actual Stack Entry Time. Time when the aircraft joined the air holding stack To be exchanged in combination with: • FL ID • DOF • Stack identifier • RWYARR	ST planning & Exec. phase	Transmission rules - Interaction frequency : <ad hoc> If no AMAN available than the ASET is provided by the local ATC service provider – TMA Ctrl.	<Validated>	For Monitoring and Post Operations Analysis purposes	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0083<Partial>	
IER-06 05.04-OSED-FLTP.0108	ASXT	AMAN; (Local ATC service provider - TMA Ctrl)	AOP	ASXT – Actual Stack eXit Time. Time when the aircraft departed the air holding stack To be exchanged in combination with: • FL ID • DOF • Stack identifier • RWYARR	ST planning & Exec. phase	Transmission rules - Interaction frequency : <ad hoc> If no AMAN available than the ASXT is provided by the local ATC service provider – TMA Ctrl.	<Validated>	For Monitoring and Post Operations Analysis purposes	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0083<Partial>	
IER-06 05.04-OSED-FLTP.0109	AFAT	AMAN; (Local ATC service provider - TMA Ctrl)	AOP	AFAT - Actual Time at the Final Approach Fix or Final Metering Fix point To be exchanged in combination with: • FL ID • DOF • FAF identifier • RWYARR	ST planning & Exec. phase	Transmission rules - Interaction frequency : <ad hoc> If no AMAN available than the AFAT is provided by the local ATC service provider – TMA Ctrl.	<Validated>	For arrival planning and management ATC Flight Plan ends at Final Approach Fix Check use in A-CDM	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0083<Partial>	
IER-06 05.04-OSED-FLTP.0201	ELDT	AOC; (NM); (Local ATC service provider – ACC / TMA Ctrl)	NOP; AOP	ELDT - Estimated Landing Time. The estimated time that an aircraft will touchdown on the runway. To be exchanged in combination with: • FL ID • DOF • RWYARR	ST planning & Exec. phase	The ELDT is initially provided by the AOC. From the moment the Aircraft is within the area of responsibility of the (European Network) the ELDT is provided by the NOP. *Available to the AOP through the NOP* When the Aircraft enters the area of responsibility of the local ATC service provider (FIR or TMA) the ELDT is provided by the Local ATC service provider. *Available to the NOP through the AOP*	<Validated>	For performance monitoring and management purposes (Equivalent to ATC ETA = Estimated Time of Arrival = landing).	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0083<Partial>	
IER-06 05.04-OSED-FLTP.0202	TLDT	AMAN; (Local ATC service provider – TMA Ctrl)	NOP; AOP	TLDT - Target Landing Time To be exchanged in combination with: • FL ID • DOF • RWYARR	ST planning & Exec. phase	If no AMAN available then the TLDT is provided by the local ATC service provider – TMA Ctrl. *Available to the NOP through the AOP*	<Validated>	For performance monitoring and management purposes	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0083<Partial>	
IER-06 05.04-OSED-FLTP.0203	ALDT	A-SMGCS; (Local ATC service provider – Apt Twr)	AOP; NOP	ALDT - Actual Landing Time To be exchanged in combination with: • FL ID • DOF • RWYARR	ST planning & Exec. phase	Transmission rules - Interaction frequency : <ad hoc> The ALDT is provided by the A-SMGCS system. If no A-SMGCS system available the ALDT is provided by the Local ANSP system *Available to the NOP through the AOP*	<Validated>	For performance monitoring and management purposes	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0083<Partial>	

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Identifier	Name	Issuer	Intended Addressees	Information Element	Involved Operational Activities	Interaction Rules and Policy	Status	Rationale	Satisfied DOD Requirement Identifier	Service Identifier
IER-06 05.04-OSED-FLTP.0204	ROT – arrival	A-SMGCS; (Local ATC service provider – Apt Twr)	AOP	ROT - Runway Occupancy Time – Arrival To be exchanged in combination with: • FL ID • DOF • RWYARR • RWY exit	Post Flight Phase	Transmission rules - Interaction frequency :<ad hoc> The ROT is provided by the A-SMGCS system. If no A-SMGCS system available the ROT might be provided by the surveillance system of the Local ATC service provider.	<Validated>	For Post Operations Analysis purposes	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0083<Partial>	
IER-06 05.04-OSED-FLTP.0206	E BT	AOP monitor;	AOP; NOP	EIBT - Estimated In-Block Time. The estimated time that an aircraft will arrive in blocks. (Equivalent to Airline / Handler ETA - Estimated Time of Arrival). To be exchanged in combination with: • FL ID • DOF • PKARR • GATEARR	ST planning & Exec. phase	*Available to the NOP through the AOP*	<Validated>	For performance monitoring and management purposes Order of accuracy = SIBT -> EIBT -> TIBT -> AIBT	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0083<Partial>	
IER-06 05.04-OSED-FLTP.0205	T BT	AOP monitor;	AOP	T BT - Target In Blocks Time To be exchanged in combination with: • FL ID • DOF • PKARR • GATEARR	ST planning & Exec. phase	Transmission rules - Interaction frequency : <ad hoc	<Validated>	For performance monitoring and management purposes TIBT = TLDT + EXIT Order of accuracy = SIBT -> EIBT -> TIBT -> AIBT	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0083<Partial>	
IER-06 05.04-OSED-FLTP.0207	A BT	A-SMGCS; (Local ATC service provider - Apt Gnd); GH	AOP; NOP	AIBT - Actual In-Block Time. Actual event (Equivalent to Airline / Handler ATA – Actual Time of Arrival, ACARS OOOI event = " N"). To be exchanged in combination with: • FL ID • DOF • PKARR • GATEARR	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc> The A BT is provided by the A-SMGCS system. If no A-SMGCS system available the A BT is provided by the GH *Available to the NOP through the AOP*	<Validated>	For performance monitoring and management purposes Order of accuracy = SIBT -> EIBT -> TIBT -> AIBT	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0083<Partial>	
IER-06 05.04-OSED-FLTP.0208	ACGT (AGHT – Actual Ground Handling Start Time)	GH	AOP	ACGT - Actual Commencement of Ground Handling Time. The time when ground handling on an aircraft starts. To be exchanged in combination with: • FL ID • DOF • PKARR • GATEARR	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc>	<Validated>	For performance monitoring and management purposes. Can be equal to AIBT (to be determined locally)	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0083<Partial>	

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Identifier	Name	Issuer	Intended Addressees	Information Element	Involved Operational Activities	Interaction Rules and Policy	Status	Rationale	Satisfied DOD Requirement Identifier	Service Identifier
IER-06 05.04-OSED-FLTP.0209	AEGT	GH	AOP	AEGT - Actual End Ground Handling Time. Actual event - aircraft moving under own power. Ground Handling services no longer needed for the A/C to operate. To be exchanged in combination with: • FL ID • DOF • PKARR • GATEARR	ST planning & Exec. phase	Transmission rules - Interaction frequency : <ad hoc>	<Validated>	For performance monitoring and management purposes.	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0083<Partial>	
IER-06 05.04-OSED-FLTP.0225	VTT	A-SMGCS; (Local ATC service provider - Apt Gnd); (AOP monitor)	AOP	VTT - Variable Taxi Time. The time for an aircraft to move from the runway exit/entry point to the parking stand. Can be based on average times, or determined through A-SMGCS with consideration for live traffic information. To be exchanged in combination with: • FL ID • DOF • RWYARR • RWY exit • PKARR • GATEARR • Taxi route	ST planning & Exec. phase	The VTT is provided by the A-SMGCS system. If no A-SMGCS system available the VTT is provided by the Local ATC service provider or the AOP monitor based on combination of runway exit and parking position (table).	<Validated>	For a planning of accurate in-blocks and take-off times based on realistic times to taxi to/from the stand from/to the runway exit/entry point. Advanced A-SMGCS systems will also account for live traffic along the taxi route.	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0083<Partial>	
IER-06 05.04-OSED-FLTP.0226	EXIT	A-SMGCS; (Local ATC service provider - Apt Gnd); (AOP monitor)	AOP; NOP	EXIT - Estimated Taxi-In Time. The estimated time between landing and in-block, based on Stand and arrival RWY. To be exchanged in combination with: • FL ID • DOF • RWYARR • RWY exit • PKARR • GATEARR • Taxi route	ST planning & Exec. phase	The EXIT is provided by the A-SMGCS system. If no A-SMGCS system available the EXIT is provided by the Local ATC service provider or the AOP monitor based on combination of runway exit and parking position (table). *Available to the NOP through the AOP*	<Validated>	For Arrival planning and management Used to calculate the EIBT (= ELDT or ALDT + EXIT) and the T BT (= TLDT + EXIT)	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0083<Partial>	

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Identifier	Name	Issuer	Intended Addressees	Information Element	Involved Operational Activities	Interaction Rules and Policy	Status	Rationale	Satisfied DOD Requirement Identifier	Service Identifier
IER-06 05.04-OSED-FLTP.0227	AXIT	A-SMGCS; (Local ATC service provider - Apt Gnd); (AOP monitor)	AOP; NOP	AXIT - Actual Taxi-In Time, The actual time between landing and in-block. To be exchanged in combination with: • FL ID • DOF • RWYARR • RWY exit • PKARR • GATEARR • Taxi route	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc> The AXIT is provided by the A-SMGCS system. If no A-SMGCS system available the AXIT is provided by the Local ATC service provider or the AOP monitor based on combination of runway exit and parking position (table). *Available to the NOP through the AOP*	<Validated>	For Arrival planning and management AXIT = AIBT - ALDT	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0083<Partial>	
IER-06 05.04-OSED-FLTP.0501	RWYARR Request	AOC	AOP	Runway identifier of the requested landing runway. Flight preferred / planned in flight plan To be exchanged in combination with: • FL ID • DOF	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc>	<Validated>	For planning and management A specific Arrival runway might be requested by The Airspace User based on issues like aircraft performance (landing distance needed, actual landing weight etc) and taxi distance.	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0083<Partial>	
IER-06 05.04-OSED-FLTP.0502	RWYARR	Local ATC service provider - Apt Twr	NOP; AOP	Runway Identifier of the assigned Runway to be used for Arrival To be exchanged in combination with: • FL ID • DOF	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc> *Available to the NOP through the AOP*	<Validated>	For planning and operational knowledge of the runway the aircraft will use for landing. It affects the STAR and flight plan.	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0083<Partial>	
IER-06 05.04-OSED-FLTP.0505	STAR	Local ATC service provider - TMA Ctrl	NOP; AOP	Standard Terminal Arrival Route identifier To be exchanged in combination with: • FL ID • DOF • RWYARR	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc> *Available to the NOP through the AOP*	<Validated>	For planning and communication between AOC, TMA, Apt Twr and the Pilot/Aircraft FMS	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0083<Partial>	
IER-06 05.04-OSED-FLTP.0507	RWY_Exit	Local ATC service provider - Apt Twr	AOP	Runway Exit identifier - Runway Exit to be used - assigned / agreed runway exit. To be exchanged in combination with: • FL ID • DOF • RWYARR	ST planning & Exec. phase	The RWY_Exit initially equals the assigned / agreed runway exit to be used. After ending the flight the RWY Exit equals the actual runway exit used.	<Validated>	For planning and communication between A-SMGCS (Apt Gnd) and the Pilot/Aircraft FMS	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0083<Partial>	
IER-06 05.04-OSED-FLTP.0509	GATEARR	AO - Stand Planner; (AOC)	AOP	Gate identifier - Allocated Terminal Arrival Gate Number To be exchanged in combination with: • FL ID • DOF	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc>	<Validated>	For planning and management	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0083<Partial>	

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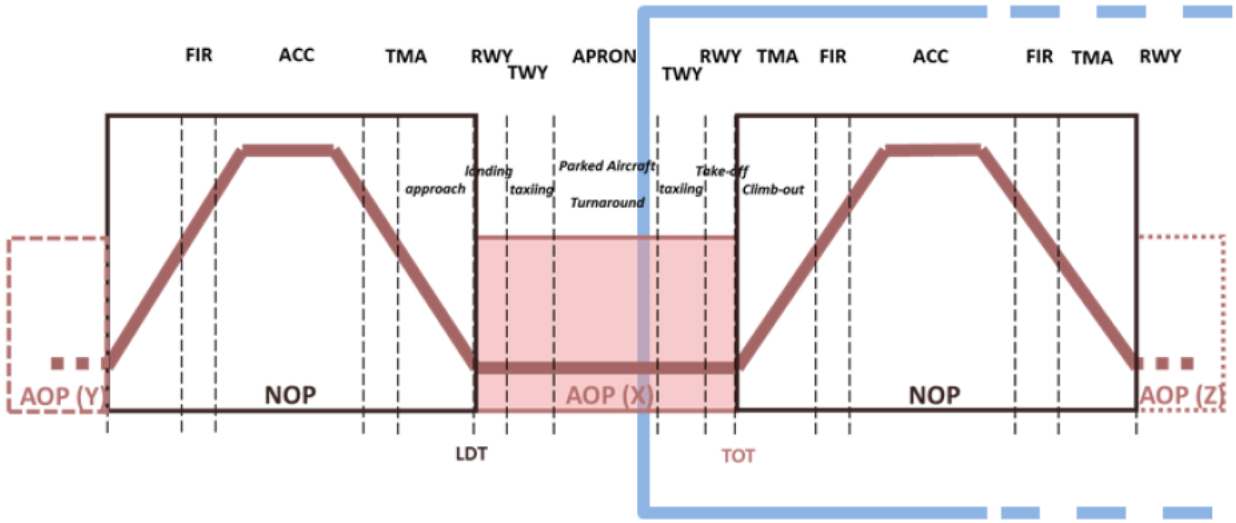
Identifier	Name	Issuer	Intended Addressees	Information Element	Involved Operational Activities	Interaction Rules and Policy	Status	Rationale	Satisfied DOD Requirement Identifier	Service Identifier
IER-06 05.04-OSED-FLTP.0510	PKARR	AO - Stand Planner; (AOC)	AOP	Parking stand identifier - Allocated Arrival Parking Stand Number To be exchanged in combination with: • FL ID • DOF	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc>	<Validated>	For planning and communication between A-SMGCS (Apt Gnd), GH and the Pilot/Aircraft FMS Required for VTT (EXIT, EXOT)	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0083<Partial>	
IER-06 05.04-OSED-FLTP.0513	Taxi Route	A-SMGCS; (Local ATC service provider - Apt Gnd)	Local ATC service provider -Apt Gnd; Flight Crew; AOP	Taxi route identifier - Allocated Taxi Route To be exchanged in combination with: • FL ID • DOF • RWYARR • RWY Exit • GATE ARR • PKARR	ST planning & Exec. phase	Policy - Confidentiality : <Restricted> The Taxi Route is provided by the A-SMGCS system to the local ATC service provider (Apt Gnd) and to the Flight crew. If no A-SMGCS system available the Taxi Route is provided by the Local ANSP (Apt Gnd) to the flight crew.	<Validated>	For planning and management To AOP for Post Operations Analysis purposes A-SMGCS to advise pieces of data make up this information	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0083<Partial>	
IER-06 05.04-OSED-FLID.0206	MCT	AOC; (AO); (AOP monitor)	AOP	Minimum Connection Time The minimum time passenger & baggage can take to connect from an arrival aircraft to a departure aircraft taking into account the position of the arrival and departure stand To be exchanged in combination with: • FL ID (inbound) • DOF (inbound) • GATEARR • PKARR And for multiple outbound flights (not equal to the FL D next) • FL ID (outbound) • DOF (outbound) • GATEDEP • PKDEP	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc> The mean MCT is initially provided by the AOC in coordination with the AO. The actual MCT for specific connections can be determined by the AOP monitor based on gate / parking position	<Validated>	For planning and management purpose Might be changed in case of aircraft type change allocated to the flight MCT might not always be a fixed value and can vary based on parking positions of inbound flight and different (connecting) outbound flights. MCT for both passengers and baggage.	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0083<Partial>	
IER-06 05.04-OSED-FLTP.0623	ADIV	AOC	NOP; AOP	Airport of Diversion (ICAO) Four character ICAO aerodrome code To be exchanged in combination with: • FL ID • DOF	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc> In case of a diversion (Flight status – DIV) initiated outside area of responsibility of Local ATC service provider NOP is main source of information *Available to the AOP through the NOP* In case of diversion (Flight Status – DIV) within area of responsibility of LOCAL ATC service provider AOP is main source of information *Available to the NOP through the AOP*	<Validated>	For planning and management	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0083<Partial>	

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Identifier	Name	Issuer	Intended Addressees	Information Element	Involved Operational Activities	Interaction Rules and Policy	Status	Rationale	Satisfied DOD Requirement Identifier	Service Identifier
IER-06 05.04-OSED-FLTP.0624	DIV	AOC	AOP	Airport of Diversion (IATA) three character IATA aerodrome code To be exchanged in combination with: • FL ID • DOF • ADIV	ST planning & Exec. phase	Transmission rules - Interaction frequency : <ad hoc> In case of a diversion (Flight status – DIV)	<Validated>	For planning and management Can also be converted by using ADIV	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0083<Partial>	

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1.9.2.2.2 Flight Progress Information Elements for an outbound trajectory



[IER]

Identifier	Name	Issuer	Intended Addressees	Information Element	Involved Operational Activities	Interaction Rules and Policy	Status	Rationale	Satisfied DOD Requirement Identifier	Service Identifier
IER-06 05.04-OSED-FLTP.0517	Flight Plan Status	AOC	NOP; AOP	Flight Plan status – Pre-departure, suspended, airborne or diverted To be exchanged in combination with: • FL ID • IFPLID • DOF	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc> Transmission time : <several min.> The Flight plan status is initially provide by the AOC *Available to the AOP through the NOP*	<Validated>	For performance monitoring and management purposes	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0083<Partial>; REQ-06.02-DOD-6200.0086<Partial>	
IER-06 05.04-OSED-FLTP.0518	DPI status	Local ATC service provider	NOP; AOP	Departure Planning Information (DPI) status – Initial, update or cancel) To be exchanged in combination with: • FL ID • IFPLID • DOF	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc> Transmission time : <several min.> The DPI status is initially provided by the local ATC service provider. *Available to the NOP through the AOP*	<Validated>	For performance monitoring and management purposes	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0083<Partial>; REQ-06.02-DOD-6200.0086<Partial>	

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Identifier	Name	Issuer	Intended Addressees	Information Element	Involved Operational Activities	Interaction Rules and Policy	Status	Rationale	Satisfied DOD Requirement Identifier	Service Identifier
IER-06 05.04-OSED-FLTP.0026	Flight Status – SCH	AOC;	AOP; NOP	Scheduled - The aircraft operation is scheduled but not confirmed yet To be exchanged in combination with: • FL ID • DOF	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc> Transmission time : <several min.> The status - SCH is initially provided by the AOC. From the moment the information element is known to/in the NOP the NOP will be the single source for this information element. *Available to the NOP through the AOP*	<Validated>	For performance monitoring and management purposes	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0083<Partial>	
IER-06 05.04-OSED-FLTP.0028	Flight Status – CNX	AOC;	NOP; AOP	Cancelled - Flight has been cancelled To be exchanged in combination with: • FL ID • DOF • Date and time on in-blocks (AIBT)	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc> *Available to the NOP through the AOP*	<Validated>	For performance monitoring and management purposes	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0083<Partial>	
IER-06 05.04-OSED-FLTP.0027	Flight Status - NI	AOC	AOP; NOP	Initiated - The aircraft operation has been confirmed (flight plan activated). This status has the equivalent objective as the "Initial" status in CDM To be exchanged in combination with: • FL ID • DOF	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc> Transmission time : <several min.> The status - INI is initially provided by the AOC. From the moment the information element is known to/in the NOP the NOP will be the single source for this information element. *Available to the NOP through the AOP*	<Validated>	For performance monitoring and management purposes	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0083<Partial>	
IER-06 05.04-OSED-FLTP.0016	Flight Status - RPO	A-SMGCS; (Local ATC service provider - Apt Gnd)	AOP	Towing or re-positioning operation - Aircraft is being towed or is taxiing from another stand (e.g. maintenance position, engine test) To be exchanged in combination with: • FL ID • DOF • GATEDEP • PKDEP • GATEARR • PKARR	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc> The status – RPO is provided by the A-SMGCS system. If no A-SMGCS system available the status – RPO is provided by the Local ATC service provider (Apt Gnd).	<Validated>	For performance monitoring and management purposes	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0083<Partial>	
IER-06 05.04-OSED-FLTP.0011	Flight Status - BRD	GH	AOP; NOP	Boarding - The aircraft is on stand and the boarding of passengers has started To be exchanged in combination with: • FL ID • DOF • GATEDEP • PKDEP	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc *Available to the NOP through the AOP*	<Validated>	For performance monitoring and management purposes	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0082<Partial>; REQ-06.02-DOD-6200.0083<Partial>	

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Identifier	Name	Issuer	Intended Addressees	Information Element	Involved Operational Activities	Interaction Rules and Policy	Status	Rationale	Satisfied DOD Requirement Identifier	Service Identifier
IER-06 05.04-OSED-FLTP.0012	Flight Status – BRC (or GCL)	GH	AOP	Boarding Completed (or gate Closed) - The aircraft is on stand and all passengers on board To be exchanged in combination with: • FL ID • DOF • GATEDEP • PKDEP	ST planning & Exec. phase	Transmission rules - Interaction frequency : <ad hoc>	<Validated>	For performance monitoring and management purposes	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0082<Partial>; REQ-06.02-DOD-6200.0083<Partial>	
IER-06 05.04-OSED-FLTP.0013	Flight Status - RDY	Flight Crew; (GH)	AOP; NOP	Ready - Aircraft ready to depart immediately upon reception of TWR instructions To be exchanged in combination with: • FL ID • DOF • GATEDEP • PKDEP	ST planning & Exec. phase	Transmission rules - Interaction frequency : <ad hoc> The status - RDY is initially provided by the flight Crew. It may be provided to the AOP system direct by the flight Crew or through the GH *Available to the NOP through the AOP*	<Validated>	For performance monitoring and management purposes	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0083<Partial>	
IER-06 05.04-OSED-FLTP.0015	Flight Status - SBY	AOC	AOP; NOP	Standby - Indicates that the aircraft is on standby (indefinite holding) awaiting further progress / actions. To be exchanged in combination with: • FL ID • DOF • GATEDEP • PKDEP	ST planning & Exec. phase	Transmission rules - Interaction frequency : <ad hoc> *Available to the NOP through the AOP*	<Validated>	For performance monitoring and management purposes	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0083<Partial>	
IER-06 05.04-OSED-FLTP.0017	Flight Status - RDI	GH	AOP; NOP	Ready for de-icing - The aircraft is on the de-icing position (either in the same stand or in a de-icing position) To be exchanged in combination with: • FL ID • DOF • De-icing position identifier	ST planning & Exec. phase	Transmission rules - Interaction frequency : <ad hoc *Available to the NOP through the AOP*	<Validated>	For performance monitoring and management purposes	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0083<Partial>	
IER-06 05.04-OSED-FLTP.0018	Flight Status - TXO-D	A-SMGCS; (Local ATC service provider - Apt Gnd)	AOP	De Icing Taxi - The aircraft is rolling to the remote de-icing position To be exchanged in combination with: • FL ID • DOF • GATEDEP • PKDEP • De-icing position identifier	ST planning & Exec. phase	Transmission rules - Interaction frequency : <ad hoc> The status – TXO-D is provided by the A-SMGCS system. If no A-SMGCS system available the status – TXO-D is provided by the Local ATC service provider (Apt Gnd).	<Validated>	For performance monitoring and management purposes (if the de-icing activities are carried out on the same stand, this status won't exist since there is not any taxi).	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0083<Partial>	

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Identifier	Name	Issuer	Intended Addressees	Information Element	Involved Operational Activities	Interaction Rules and Policy	Status	Rationale	Satisfied DOD Requirement Identifier	Service Identifier
IER-06 05.04-OSED-FLTP.0019	Flight Status - DEI	DIA	AOP; NOP	De Icing in Progress - The aircraft is on the de-icing position (either in the same stand or in a de-icing position) and de-icing process in progress To be exchanged in combination with: • FL ID • DOF • De-icing position identifier • Estimated de-icing duration (EDIT)	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc> *Available to the NOP through the AOP*	<Validated>	For performance monitoring and management purposes To enable de-icing planning, maximise runway capacity.	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0083<Partial>	
IER-06 05.04-OSED-FLTP.0014	Flight Status – TXO (or OBK or TAX)	A-SMGCS; (Local ATC service provider - Apt Gnd)	AOP	Off block / taxi-out - The aircraft is rolling to departure runway (from either the stand or the de-icing remote position). To be exchanged in combination with: • FL ID • DOF • RWYDEP	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc> The status – TXO is provided by the A-SMGCS system. If no A-SMGCS system available the status – TXO is provided by the Local ATC service provider (Apt Gnd)	<Validated>	For performance monitoring and management purposes equals ACARS OOOI event = "OUT" (Out of the Gate)	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0083<Partial>	
IER-06 05.04-OSED-FLTP.0020	Flight Status – DEP (or A R)	Local ATC service provider - Apt Twr	AOP; NOP	Departed - The aircraft has taken off from the airport (flight departed or Airborne) To be exchanged in combination with: • FL ID • DOF • RWYDEP • SID	ST planning & Exec. phase	*Available to the NOP through the AOP*	<Validated>	For performance monitoring and management purposes equals ACARS OOOI event = "OFF" (Off the Ground)	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0083<Partial>	
IER-06 05.04-OSED-FLTP.0025	Flight Status – RTN (or RET)	Local ATC service provider; (AOC); (NM)	AOP; NOP	Returning - Flight returning (before or after airborne) To be exchanged in combination with: • FL ID • DOF • Airport identifier • Reason (text)	ST planning & Exec. phase	Transmission rules - Interaction type : <Collaborative> If flight return is initiated before ATOT (actual take-off time), the flight status – RTN is provided by the local ATC service provider *Available to the NOP through the AOP* If flight return is initiated after take-off but before being outside the area of responsibility of the Local ATC service provider, the flight status – RTN is provided by the local ATC service provider. *Available to the AOP through the NOP* If flight return is initiated outside the relevant FIR, the flight status – RTN is provided by the NOP. *Available to the AOP through the NOP* If the flight return is initiated outside the area of responsibility of the (European) Network, the flight status – RTN is provided by the AOC. *Available to the AOP through the NOP*	<Validated>	For performance monitoring and management purposes	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0083<Partial>	

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Identifier	Name	Issuer	Intended Addressees	Information Element	Involved Operational Activities	Interaction Rules and Policy	Status	Rationale	Satisfied DOD Requirement Identifier	Service Identifier
IER-06 05.04-OSED-FLTP.0258	ACGT – outbound	GH	AOP	Actual Commencement of Ground Handling Time – outbound flight (ACGT – outbound) To be exchanged in combination with: • FL ID • DOF • GATEDEP • PKDEP	ST planning & Exec. phase	Transmission rules - Interaction frequency : <ad hoc>	<Validated>	For performance monitoring and management purposes. Can be equal to A BT (to be determined locally)	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0083<Partial>	
IER-06 05.04-OSED-FLTP.0259	AEGT – outbound	GH	AOP	Actual End of Ground Handling Time – outbound flight (AEGT – outbound) To be exchanged in combination with: • FL ID • DOF • GATEDEP • PKDEP	ST planning & Exec. phase	Transmission rules - Interaction frequency : <ad hoc>	<Validated>	For performance monitoring and management purposes.	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0083<Partial>	
IER-06 05.04-OSED-FLTP.0210	ASBT	GH	AOP	ASBT - Actual Start Boarding Time To be exchanged in combination with: • FL ID • DOF • GATEDEP • PKDEP	ST planning & Exec. phase	Transmission rules - Interaction frequency : <ad hoc	<Validated>	For departure planning and management Used to determine Aircraft Flight Status - BRD	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0083<Partial>	
IER-06 05.04-OSED-FLTP.0230	ARBT	GH	AOP	ARBT - Actual Ready Boarding Time To be exchanged in combination with: • FL ID • DOF • GATEDEP • PKDEP	ST planning & Exec. phase	Transmission rules - Interaction frequency : <ad hoc	<Validated>	For departure planning and management Used to determine Aircraft Flight Status – BRC (or GCL)	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0083<Partial>	
IER-06 05.04-OSED-FLTP.0211	TOBT	AOC; (GH)	AOP; NOP	TOBT - Target Off-Block Time. The time that an aircraft operator / handling agent estimates that an aircraft will be ready, all doors closes, boarding bridge removed, push back vehicle present, ready to start up / push back immediately upon reception of clearance from the TWR. To be exchanged in combination with: • FL ID • DOF • GATEDEP • PKDEP	ST planning & Exec. phase	*Available to the NOP through the AOP*	<Validated>	For departure planning and management Or TOBT recalculated by ACISP	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0083<Partial>	

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Identifier	Name	Issuer	Intended Addressees	Information Element	Involved Operational Activities	Interaction Rules and Policy	Status	Rationale	Satisfied DOD Requirement Identifier	Service Identifier
IER-06 05.04-OSED-FLTP.0212	EOBT	NM'; (AOP monitor)	AOP; NOP; AOC; Local ATC service provider (Apt Twr)	EOBT - Estimated Off-Block Time. The estimated time at which the aircraft will commence movement associated with departure (ICAO) To be exchanged in combination with: • FL ID • DOF • GATEDEP • PKDEP	ST planning & Exec. phase	Policy - Confidentiality : <Restricted> Initial EOBT (flight plan data) *Available to the AOP through the NOP* Successive EOBTs *Available to the NOP through the AOP*	<Validated>	Initial EOBT from Flight Plan (through NOP). Successive EOBTs provided by AOP monitor EOBT is only used for monitoring / alerting purposes. No departure assumptions should be taken from this figure EOBT = A BT + MTTT	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0083<Partial>	
IER-06 05.04-OSED-FLTP.0213	AOBT	A-SMGCS; (Local ATC service provider - Apt Gnd); (GH); (AOC)	AOP; NOP	AOBT - Actual Off-Block Time. Actual event (Equivalent to Airline / Handlers ATD – Actual Time of Departure & ACARS OOOI event = "OUT") To be exchanged in combination with: • FL ID • DOF • GATEDEP • PKDEP	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc> *Available to the NOP through the AOP*	<Validated>	For performance monitoring and management purposes	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0083<Partial>	
IER-06 05.04-OSED-FLTP.0231	ERDT	Flight Crew; (GH)	AOP	ERDT - Estimated Ready Time. When the aircraft is ready for pushback or taxi immediately after clearance delivery, meeting the requirements set by the TOBT definition. To be exchanged in combination with: • FL ID • DOF • GATEDEP • PKDEP	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc>	<Validated>	For departure planning and management Can equal REA message (REA message not always sent)	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0083<Partial>	
IER-06 05.04-OSED-FLTP.0214	ARDT	Flight Crew; (GH); (Local ATC service provider - Apt Gnd)	AOP	ARDT - Actual Ready Time. When the aircraft is ready for pushback or taxi immediately after clearance delivery, meeting the requirements set by the TOBT definition. To be exchanged in combination with: • FL ID • DOF • GATEDEP • PKDEP	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc>	<Validated>	For departure planning and management Can equal REA message (REA message not always sent)	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0083<Partial>	

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Identifier	Name	Issuer	Intended Addressees	Information Element	Involved Operational Activities	Interaction Rules and Policy	Status	Rationale	Satisfied DOD Requirement Identifier	Service Identifier
IER-06 05.04-OSED-FLTP.0215	ASRT	Local ATC service provider - Apt Gnd	AOP	ASRT - Actual Start-Up Request Time. The time the pilot requests start-up clearance To be exchanged in combination with: • FL ID • DOF • GATEDEP • PKDEP	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc>	<Validated>	For departure planning and management May request start up before ready in order to get departure clearances	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0083<Partial>	
IER-06 05.04-OSED-FLTP.0216	TSAT	DMAN; (Local ATC service provider - Apt Gnd)	AOP; NOP	TSAT - Target Start-Up Approval Time. The time provided by ATC taking into account TOBT, CTOT and/or the traffic situation that an aircraft can expect to receive start-up / push back approval (when start up and push back are issued together). To be exchanged in combination with: • FL ID • DOF • GATEDEP • PKDEP	ST planning & Exec. phase	*Available to the NOP through the AOP*	<Validated>	For departure planning and management	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0083<Partial>	
IER-06 05.04-OSED-FLTP.0217	ASAT	DMAN; (Local ATC service provider - Apt Gnd)	AOP	ASAT - Actual Start-Up Approval Time. Time that an aircraft receives its Start-up approval To be exchanged in combination with: • FL ID • DOF • GATEDEP • PKDEP	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc>	<Validated>	For departure planning and management	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0083<Partial>	
IER-06 05.04-OSED-FLTP.0218	APST	A-SMGCS; (Local ATC service provider - Apt Gnd); (GH)	AOP	APST - Actual Push-back Start Time. Actual time of Commencement of the Push-back action To be exchanged in combination with: • FL ID • DOF • GATEDEP • PKDEP	ST planning & Exec. phase	The APST is provided by the A-SMGCS system. If no A-SMGCS system available the APST is provided by the Local ATC service provider system or the GH	<Validated>	For planning and management	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0083<Partial>	
IER-06 05.04-OSED-FLTP.0219	APET	A-SMGCS; (Local ATC service provider - Apt Gnd); (GH)	AOP	APET - Actual Push-back End Time. Actual Completion of the Push-back action To be exchanged in combination with: • FL ID • DOF • GATEDEP • PKDEP	ST planning & Exec. phase	The APET is provided by the A-SMGCS system. If no A-SMGCS system available the APET is provided by the Local ATC service provider system or the GH	<Validated>	For planning and management	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0083<Partial>	

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Identifier	Name	Issuer	Intended Addressees	Information Element	Involved Operational Activities	Interaction Rules and Policy	Status	Rationale	Satisfied DOD Requirement Identifier	Service Identifier
IER-06 05.04-OSED-FLTP.0220	CTOT	NM; (NOP)	AOP	CTOT - Calculated Take Off Time. Take of time issued by CFMU (network manager) To be exchanged in combination with: • FL ID • DOF • SID • Destination airport (ADES/ DEST)	ST planning & Exec. phase	*Available to the AOP through the NOP*	<Validated>	A time calculated and issued by the appropriate central management unit (NM in EU), as a result of tactical slot allocation, at which a flight is expected to become airborne. (ICAO Doc 7030/4 – EUR, Table 7)	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0083<Partial>	
IER-06 05.04-OSED-FLTP.0221	TTOT	DMAN; (Local ATC service provider - Apt Twr)	AOP; NOP	TTOT - Target Take Off Time. To be exchanged in combination with: • FL ID • DOF • RWYDEP • SID	ST planning & Exec. phase	*Available to the NOP through the AOP*	<Validated>	For departure planning and management The Target Take Off Time taking into account the TOBT / TSAT / plus the EXOT Order of accuracy = ETOT -> TTOT -> ATOT	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0083<Partial>	
IER-06 05.04-OSED-FLTP.0222	ETOT	AOP monitor	AOP	ETOT - Estimated Take Off Time. The estimated take off time taking into account the EOBT plus EXOT To be exchanged in combination with: • FL ID • DOF • RWYDEP • SID	ST planning & Exec. phase	The ETOT is initially provided by the AOC or its GH. From the moment a TTOT is available the TTOT supersedes the ETOT.	<Validated>	For departure planning and management ETOT = EOBT + EXOT Order of accuracy = ETOT -> TTOT -> ATOT	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0083<Partial>	
IER-06 05.04-OSED-FLTP.0223	ATOT	A-SMGCS; (Local ATC service provider - Apt Twr)	AOP; NOP	ATOT - Actual Take Off Time. To be exchanged in combination with: • FL ID • DOF • RWYDEP • SID	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc> The ATOT is provided by the A-SMGCS system. If no A-SMGCS system available the ATOT is provided by the Local ATC service provider system *Available to the NOP through the AOP*	<Validated>	For departure planning and management Order of accuracy ETOT -> TTOT -> ATOT	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0083<Partial>	
IER-06 05.04-OSED-FLTP.0224	ROT – departure	A-SMGCS; (Local ATC service provider – Apt Twr)	AOP	ROT - Runway Occupancy Time – Departure To be exchanged in combination with: • FL ID • DOF • RWYDEP • RWY entry	Post Flight Phase	Transmission rules - Interaction frequency :<ad hoc> The ROT is provided by the A-SMGCS system. If no A-SMGCS system available the ROT departure might be provided by the surveillance system of the Local ATC service provider	<Validated>	For Monitoring and Post Operations Analysis purposes	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0083<Partial>	

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IER-06 05.04-OSED-FLTP.0275	VTT-outbound	A-SMGCS; (ANSP); (AOP monitor)	AOP	Variable Taxi Time – outbound (VTT-outbound) To be exchanged in combination with: • FL ID • DOF • RWYDEP • RWY entry • GATEDEP • PKDEP • taxiroute outbound	ST planning & Exec. phase	The VTT is provided by the A-SMGCS system. If no A-SMGCS system available the VTT is provided by the Local ATC service provider or the AOP monitor based on combination of runway exit and parking position (table).	<Validated>	For a planning of accurate in-blocks and take-off times based on realistic times to taxi to/from the stand from/to the runway exit/entry point. Advanced A-SMGCS systems will also account for live traffic along the taxi route.	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0083<Partial>	
IER-06 05.04-OSED-FLTP.0228	EXOT	A-SMGCS; (Local ATC service provider - Apt Gnd); (AOP monitor)	AOP; NOP	EXOT - Estimated Taxi-Out Time. Includes estimated delay at the holding time and remote de-icing (when applicable) To be exchanged in combination with: • FL ID • DOF • RWYDEP • RWY entry • PKDEP • GATEDEP • Taxi route	ST planning & Exec. phase	The EXOT is provided by the A-SMGCS system. If no A-SMGCS system available the EXOT is provided by the Local ATC service provider or the AOP monitor based on runway entry and parking stand *Available to the NOP through the AOP*	<Validated>	For departure planning and management	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0083<Partial>	
IER-06 05.04-OSED-FLTP.0232	EXOT – D	A-SMGCS; (Local ATC service provider - Apt Gnd); (AOP monitor)	AOP	EXOT – D - Estimated Taxi-Out Time to remote de-icing pad. To be exchanged in combination with: • FL ID • DOF • Name of de-icing position • PKDEP • GATEDEP • Taxi route	ST planning & Exec. phase	The EXOT – D is provided by the A-SMGCS system. If no A-SMGCS system available the EXOT – D is provided by the Local ATC service provider or the AOP monitor based on runway entry and parking stand	<Validated>	For departure planning and management	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0083<Partial>	
IER-06 05.04-OSED-FLTP.0229	AXOT	A-SMGCS; (Local ATC service provider - Apt Gnd); (AOP monitor)	AOP; NOP	AXOT - Actual Taxi-Out Time. The actual time between off-block and take off. To be exchanged in combination with: • FL ID • DOF • RWYDEP • RWY entry • PKDEP • GATEDEP • Taxi route	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc> The AXOT is provided by the A-SMGCS system. If no A-SMGCS system available the AXOT is provided by the Local ATC service provider or the AOP monitor based on runway entry and parking stand *Available to the NOP through the AOP*	<Validated>	For departure planning and management AXOT = ATOT - AOBT	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0083<Partial>	

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Identifier	Name	Issuer	Intended Addressees	Information Element	Involved Operational Activities	Interaction Rules and Policy	Status	Rationale	Satisfied DOD Requirement Identifier	Service Identifier
IER-06 05.04-OSED-FLTP.0233	AXOT - D	A-SMGCS; (Local ATC service provider - Apt Gnd); (AOP monitor)	AOP	AXOT – D - Actual Taxi-Out Time to remote de-icing pad. The actual time between off-block and arrival at remote de-icing pad To be exchanged in combination with: • FL ID • DOF • Name of de-icing position • PKDEP • GATEDEP • Taxi route	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc> The AXOT – D is provided by the A-SMGCS system. If no A-SMGCS system available the AXOT – D is provided by the Local ATC service provider or the AOP monitor based on runway entry and parking stand	<Validated>	For departure planning and management AXOT = ATOT - AOBT	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0083<Partial>	
IER-06 05.04-OSED-FLTP.0301	ERZT	Flight crew; (GH)	AOP	ERZT - Estimate Ready for De-icing Time. The estimated time when the aircraft is expected to be ready for de-icing operations To be exchanged in combination with: • FL ID • DOF	ST planning & Exec. phase		<Validated>	For departure planning and management	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0083<Partial>	
IER-06 05.04-OSED-FLTP.0302	ARZT	Flight crew; (GH)	AOP	ARZT - Actual Ready for De-icing Time. The time when the aircraft is ready to be de-iced To be exchanged in combination with: • FL ID • DOF	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc>	<Validated>	For departure planning and management. Essentially this is a flag (Ready/not ready/Not applicable). If on-stand De-Icing ARZT is before TOBT.	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0083<Partial>	
IER-06 05.04-OSED-FLTP.0303	ECZT	DIA	AOP	ECZT - Estimated Commencement of De-icing Time. The estimated time when de-icing operations on an aircraft are expected to start To be exchanged in combination with: • FL ID • DOF	ST planning & Exec. phase		<Validated>	For departure planning and management	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0083<Partial>	
IER-06 05.04-OSED-FLTP.0304	ACZT	DIA	AOP	ACZT - Actual Commencement of De-icing Time. The time at which de-icing operations on an aircraft has started To be exchanged in combination with: • FL ID • DOF	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc>	<Validated>	For departure planning and management	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0083<Partial>	
IER-06 05.04-OSED-FLTP.0305	EEZT	DIA	AOP	EEZT - Estimated End of De-icing Time. The estimated time when de-icing operations on an aircraft are expected to end To be exchanged in combination with: • FL ID • DOF	ST planning & Exec. phase		<Validated>	For departure planning and management	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0083<Partial>	

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Identifier	Name	Issuer	Intended Addressees	Information Element	Involved Operational Activities	Interaction Rules and Policy	Status	Rationale	Satisfied DOD Requirement Identifier	Service Identifier
IER-06 05.04-OSED-FLTP.0306	AEZT	DIA	AOP	AEZT - Actual End of De-icing Time. The time at which de-icing operations has been completed To be exchanged in combination with: • FL ID • DOF	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc>	<Validated>	For departure planning and management	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0083<Partial>	
IER-06 05.04-OSED-FLTP.0307	EDIT	DIA	AOP	EDIT - Estimated De-icing Time Duration. Estimated duration of de-icing operation To be exchanged in combination with: • FL ID • DOF	ST planning & Exec. phase		<Validated>	For departure planning and management EDIT = EEZT - ECZT	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0083<Partial>	
IER-06 05.04-OSED-FLTP.0308	ADIT	AOP monitor	AOP	ADIT - Actual De-Icing Duration Time. Actual duration of de-icing operation To be exchanged in combination with: • FL ID • DOF	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc>	<Validated>	For departure planning and management ADIT = AEZT - ACZT	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0083<Partial>	
IER-06 05.04-OSED-FLTP.0309	Name of de-icing position allocated	DIA	AOP	De-icing Position allocated to the specific flight To be exchanged in combination with: • FL ID • DOF	ST planning & Exec. phase		<Validated>	For planning and management	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0083<Partial>	
IER-06 05.04-OSED-FLTP.0310	Target de-icing Hold Over time (THOT)	DIA	AOP	Target Hold Over Time concerning anticipated hold over times based on weather conditions coming from guidelines in the AEA de-icing manual or company rules, used for planning purposes	ST planning & Exec. phase		<Validated>	For planning and management	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0083<Partial>	
IER-06 05.04-OSED-FLTP.0311	Hold Over Time (HOT)	Flight Crew	AOP	Hold Over Time as stated by pilot in command once de-icing fluid has been applied, based on the actual mix, weather conditions and company rules.	Exec. phase		<Validated>	For planning and management	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0083<Partial>	
IER-06 05.04-OSED-FLTP.0312	De-Icing method required	Flight Crew; (GH); (DIA)	AOP	Parts of the aircraft to be de-iced • Snow removal • Wing/stabilizer • Fuselage To be exchanged in combination with: • FL ID • DOF	ST planning & Exec. phase		<Validated>	For planning and management As described in AEA De-Icing Manual	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0083<Partial>	

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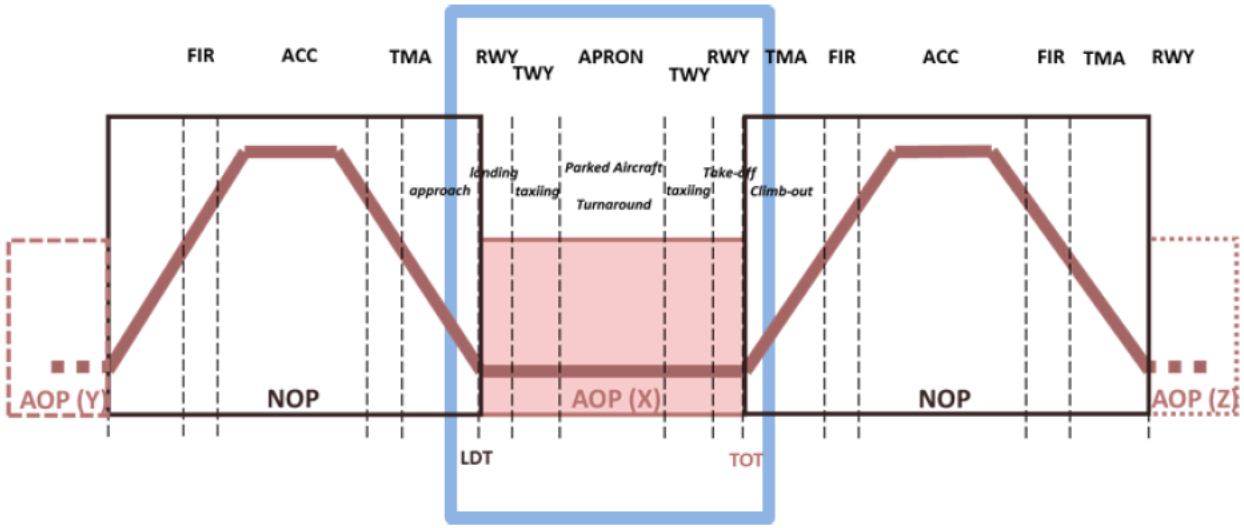
Identifier	Name	Issuer	Intended Addressees	Information Element	Involved Operational Activities	Interaction Rules and Policy	Status	Rationale	Satisfied DOD Requirement Identifier	Service Identifier
IER-06 05.04-OSED-FLTP.0313	Status – Aircraft Anti-iced	DIA	AOP	Anti-iced Aircraft. The aircraft has been anti-iced and (wx conditions dependent) the aircraft does not need further de-icing To be exchanged in combination with: • FL ID • DOF	ST planning & Exec. phase		<Validated>	For planning and management	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0083<Partial>	
IER-06 05.04-OSED-FLTP.0314	DIWT	DIA	AOP	DIWT – De-Icing Waiting Time. The waiting time between ready for de-icing and commence of de-icing To be exchanged in combination with: • FL ID • DOF	ST planning & Exec. phase		<Validated>	For performance monitoring and management purposes	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0083<Partial>	
IER-06 05.04-OSED-FLTP.0315	Expected De-icing	DIA	AOP	Expected de-icing – a flag indicating that DIMT includes the flight in the de-icing plan. If ARZT is not triggered at [TOBT-t] or if a de-icing cancellation message has been received, the flag is set to "off".	ST planning & Exec. phase		<Validated>	Detects the accuracy of the de-icing and for departure planning and management	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0083<Partial>	
IER-06 05.04-OSED-FLTP.0316	APZT	DIA	AOP	APZT is the Actual Positionned for de-icing time; the actual time when de-icing units are positionned for de-icing operations.	Exec. phase		<Validated>	Detects the accuracy of the de-icing for departure planning and management	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0083<Partial>	
IER-06 05.04-OSED-FLTP.0503	RWYDEP Request	AOC	AOP	Runway identifier of the requested departure runway. Flight preferred / planned in flight plan To be exchanged in combination with: • FL ID • DOF	ST planning & Exec. phase		<Validated>	For planning and management A specific Departure runway might be requested by The Airspace User based on issues like aircraft performance take-off distance needed, actual take-off weight etc) and taxi distance.	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0083<Partial>	
IER-06 05.04-OSED-FLTP.0504	RWYDEP	Local ATC service provider - Apt Twr)	AOP; NOP	Runway identifier of the assigned runway to de used for departure To be exchanged in combination with: • FL ID • DOF	ST planning & Exec. phase	*Available to the NOP through the AOP*	<Validated>	For planning and operational knowledge of the runway the aircraft will use for take-off. It affects the SID and flight plan.	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0083<Partial>	
IER-06 05.04-OSED-FLTP.0506	S D	Local ATC service provider - Apt Twr)	NOP; AOP	Standard Instrument Departure Route identifier To be exchanged in combination with: • FL ID • DOF • RWYDEP	ST planning & Exec. phase	*Available to the NOP through the AOP*	<Validated>	For planning and communication between AOC, TMA, Apt Twr and the Pilot/Aircraft FMS needed for TSAT calculation	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0083<Partial>	

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Identifier	Name	Issuer	Intended Addressees	Information Element	Involved Operational Activities	Interaction Rules and Policy	Status	Rationale	Satisfied DOD Requirement Identifier	Service Identifier
IER-06 05.04-OSED-FLTP.0508	RWY_Entry	Local ATC service provider - Apt Twr)	AOP	Runway Entry identifier – runway entry to be used - Assigned Take Off-intersection To be exchanged in combination with: • FL ID • DOF • RWYDEP	ST planning & Exec. phase	The RWY_Entry initially equals the assigned / agreed runway entry to be used. After ending the flight the RWY Entry equals the actual runway exit used.	<Validated>	For planning and communication between A-SMGCS (Apt Gnd) and the Pilot/Aircraft FMS	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0083<Partial>	
IER-06 05.04-OSED-FLTP.0511	GATEDEP	AO - Stand Planner;(AOC)	AOP	Gate Identifier - Allocated Terminal Departure Gate Number To be exchanged in combination with: • FL ID • DOF	ST planning & Exec. phase		<Validated>	For planning and management	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0083<Partial>	
IER-06 05.04-OSED-FLTP.0512	PKDEP	AO - Stand Planner;(AOC)	AOP	Parking stand identifier - Allocated Departure Parking Stand Number To be exchanged in combination with: • FL ID • DOF	ST planning & Exec. phase		<Validated>	For planning and communication between A-SMGCS (Apt Gnd), GH and the Pilot/Aircraft FMS Required for VTT (EXOT)	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0083<Partial>	
IER-06 05.04-OSED-FLTP.0514	Taxi Route	A-SMGCS; (ANSP)	ANSP; Flight Crew; AOP	Taxi route identifier - Allocated Taxi Route To be exchanged in combination with: • FL ID • DOF • GATEDEP • PKDEP • RWYDEP • RWY_entry	ST planning & Exec. phase	Policy - Confidentiality : <Restricted> The Taxi Route is provided by the A-SMGCS system to the local ATC service provider (Apt Gnd) and to the Flight crew. If no A-SMGCS system available the Taxi Route is provided by the Local ANSP (Apt Gnd) to the flight crew.	<Validated>	For planning and management To AOP for Post Operations Analysis purposes A-SMGCS to advise pieces of data make up this information	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0083<Partial>	

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1.9.2.2.3 Flight Progress Information Elements for an ATV



[IER]

Identifier	Name	Issuer	Intended Addressees	Information Element	Involved Operational Activities	Interaction Rules and Policy	Status	Rationale	Satisfied DOD Requirement Identifier	Service Identifier
ER-06.05.04-OSED-FLID.0008	ATV ID	AOP system	AOP	Airport Transit View code - Unique Identification code of the ATV where the specific flight is part of To be exchanged in combination with: • FL D (inbound) • DOF (inbound) • FL D (outbound) • DOF (outbound)	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc> The ATV ID is provided by the AOP system from the moment the next trajectory is allocated to the relevant inbound flight. As next trajectory can be changed during the progress of the inbound trajectory or even the execution of the turn-around, the ATV D is not fixed and can / will be changed.	<Validated>	For planning and management purpose In order to link inbound and outbound flights and flight details	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0083<Partial>	

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Identifier	Name	Issuer	Intended Addressees	Information Element	Involved Operational Activities	Interaction Rules and Policy	Status	Rationale	Satisfied DOD Requirement Identifier	Service Identifier
ER-06.05.04-OSED-FLTP.0401	MTTT	AOC	AOP	MTTT - Minimum Turn-round Time. The minimum turn-round time agreed with an AO/GH for a specified flight or aircraft type To be exchanged in combination with: • FL D (inbound) • DOF (inbound) • FL D (outbound) • DOF (outbound) • ATV ID	ST planning & Exec. phase	Transmission rules - Interaction frequency : <ad hoc>	<Validated>	To allow indicative EOBT to be calculated to support monitoring (warning/alert messages) if the TOBT has not been updated and is currently showing earlier than the indicative EOBT. The AU or their designated GH is responsible for providing the correct TOBT. This is an indication only, and is not contractual.	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0083<Partial>	
ER-06.05.04-OSED-FLTP.0402	STTT	AOC	AOP	STTT - Scheduled Turn-round Time The scheduled "ground-handling" time between an planned inbound flight and an planned outbound flight of the same aircraft To be exchanged in combination with: • FL D (inbound) • DOF (inbound) • FL D (outbound) • DOF (outbound) • ATV ID	ST planning & Exec. phase	Initially provided by the AOC. Can also be calculated / determined by the AOP monitor based on SIBT and SOBT provided by the AOC	<Validated>	For performance monitoring and management purposes STTT = SOBT - SIBT	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0083<Partial>	
ER-06.05.04-OSED-FLTP.0403	ETTT	GH	AOP	ETTT - Estimated Turn-around Time The estimated "ground-handling" time on the day of operation to turn-round a flight taking into account the operational constraints. To be exchanged in combination with: • FL D (inbound) • DOF (inbound) • FL D (outbound) • DOF (outbound) • ATV ID	ST planning & Exec. phase	Initially provided by the GH (AOC). Can also be calculated / determined by the AOP monitor based on EIBT and EOBT provided by the GH (AOC)	<Validated>	For performance monitoring and management purposes ETTT = EOBT - EIBT	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0083<Partial>	
ER-06.05.04-OSED-FLTP.0404	ATTT	GH	AOP	ATTT - Actual Turn-round Time The actual "ground- handling" time between arrival at the stand and departure from the stand To be exchanged in combination with: • FL D (inbound) • DOF (inbound) • FL D (outbound) • DOF (outbound) • ATV ID	ST planning & Exec. phase	Transmission rules - Interaction frequency : <ad hoc> Can also be calculated / determined by the AOP monitor based on AIBT and AOBT	<Validated>	For performance monitoring and management purposes ATTT = AOBT – AIBT	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0083<Partial>	

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1.9.2.3 Flight Progress MESSAGES

[IER]

Identifier	Name	Issuer	Intended Addressees	Information Element	Involved Operational Activities	Interaction Rules and Policy	Status	Rationale	Satisfied DOD Requirement Identifier	Service Identifier
ER-06.05.04-OSED-FLTP.0630	API Message	Local ATC service provider; (AO)	AOP; NOP	Arrival Planning information message. Message containing at least the following information elements: • FLID (IATA Arrival Flight identification) • ARC D (ICAO Arrival Flight identification) • DOF (IATA Date of Flight) • REG (aircraft registration) • AAST (Airport Arrival Slot Time) • SIBT (Scheduled In-Block Time) • SLDT (Scheduled Landing Time) • TTA (coordinated Target Time of Arrival = TTA-C) • EIBT (Estimated In-Block Time, from Flight plan) • EXIT (Estimated Taxi-In Time) • DEP (IATA Origin code) • ADEP (ICAO Origin code) • Runway identifier of the assigned Arrival Runway (RWYARR) • Standard Terminal Arrival Route identifier (STAR) • Terminal ID API status [initiate, update, cancel]	ST planning & Exec. phase	*Available to the NOP through the AOP*	<Validated>	For planning and management	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0083<Partial>; REQ-06.02-DOD-6200.0086<Partial>	

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Identifier	Name	Issuer	Intended Addressees	Information Element	Involved Operational Activities	Interaction Rules and Policy	Status	Rationale	Satisfied DOD Requirement Identifier	Service Identifier
ER-06.05.04-OSED-FLTP.0631	DPI Message	Local ATC service provider; AO)	AOP; NOP	Departure Planning Information message. Message containing at least the following information elements: • FLID (IATA Arrival Flight identification) • ARC D (ICAO Arrival Flight identification) • DOF (IATA Date of Flight) • REG (aircraft registration) • ADST (Airport Departure Slot Time) • SOBT (Scheduled Off-Block Time) • STOT (Scheduled Take-Off Time) • TTD (coordinated Target Time of Departure = TTD-C) • EOBT (Estimated Off-Block Time, from Flight plan) • EXOT (Estimated Taxi-Out Time) • DES (IATA Destination code) • ADES (ICAO Destination code) • Runway identifier of the assigned Departure Runway (RWYDEP) • Standard Instrument Departure route identifier (SID) • Terminal ID DPI status [initiate, update, cancel]	ST planning & Exec. phase	*Available to the NOP through the AOP*	<Validated>	For planning and management	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0083<Partial>; REQ-06.02-DOD-6200.0086<Partial>	

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1.9.2.4 Flight (pay)load information

[IER]

Identifier	Name	Issuer	Intended Addressees	Information Element	Involved Operational Activities	Interaction Rules and Policy	Status	Rationale	Satisfied DOD Requirement Identifier	Service Identifier
ER-06.05.04-OSED-LOAD.0101	ARR BAGS	AOC	AO; GH	Arrival Baggage - No. of bags arriving on the aircraft To be exchanged in combination with: • FL ID (inbound) • DOF (inbound)	ST planning & Exec. phase	Policy - Confidentiality : <Restricted>	<In Progress>	For resource planning and management	REQ-06.02-DOD-6200.0081<Partial>	
ER-06.05.04-OSED-LOAD.0102	DEP BAGS	AOC	AO; GH	Departing Baggage - No. of bags departing on the aircraft To be exchanged in combination with: • FL ID (inbound) • DOF (inbound)	ST planning & Exec. phase	Policy - Confidentiality : <Restricted>	<In Progress>	For resource planning and management	REQ-06.02-DOD-6200.0081<Partial>	
ER-06.05.04-OSED-LOAD.0103	TRF BAGS	AOC	AO; GH	Transfer Baggage - No. of bags on the arrival aircraft that are transferring to a departing flight at the same airport To be exchanged in combination with: • FL ID (inbound) • DOF (inbound)	ST planning & Exec. phase	Policy - Confidentiality : <Restricted>	<In Progress>	For resource planning and management	REQ-06.02-DOD-6200.0081<Partial>	
ER-06.05.04-OSED-LOAD.0104	ARR CARGO	AOC	AO; GH	Arrival Cargo - Amount of cargo, in tonnes, arriving on the aircraft To be exchanged in combination with: • FL ID (inbound) • DOF (inbound)	ST planning & Exec. phase	Policy - Confidentiality : <Restricted>	<In Progress>	For resource planning and management	REQ-06.02-DOD-6200.0081<Partial>	
ER-06.05.04-OSED-LOAD.0105	DEP CARGO	AOC	AO; GH	Departing Cargo - Amount of cargo, in tonnes, departing on the aircraft To be exchanged in combination with: • FL ID (inbound) • DOF (inbound)	ST planning & Exec. phase	Policy - Confidentiality : <Restricted>	<In Progress>	For resource planning and management	REQ-06.02-DOD-6200.0081<Partial>	
ER-06.05.04-OSED-LOAD.0106	TRF CARGO	AOC	AO; GH	Transfer Cargo - Amount of cargo, in tonnes, on the arrival aircraft that are transferring to a departing flight at the same airport To be exchanged in combination with: • FL ID (inbound) • DOF (inbound)	ST planning & Exec. phase	Policy - Confidentiality : <Restricted>	<In Progress>	For resource planning and management	REQ-06.02-DOD-6200.0081<Partial>	
ER-06.05.04-OSED-LOAD.0107	ARR PAX	AOC	AO; GH	Arrival Passengers - No. of passengers arriving on the aircraft To be exchanged in combination with: • FL ID (inbound) • DOF (inbound)	ST planning & Exec. phase	Policy - Confidentiality : <Restricted>	<In Progress>	For resource planning and management	REQ-06.02-DOD-6200.0081<Partial>	

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Identifier	Name	Issuer	Intended Addressees	Information Element	Involved Operational Activities	Interaction Rules and Policy	Status	Rationale	Satisfied DOD Requirement Identifier	Service Identifier
ER-06.05.04-OSED-LOAD.0108	DEP PAX	AOC	AO; GH	Departing Passengers - No. of passengers departing on the aircraft To be exchanged in combination with: • FL ID (inbound) • DOF (inbound)	ST planning & Exec. phase	Policy - Confidentiality : <Restricted>	<In Progress>	For resource planning and management	REQ-06.02-DOD-6200.0081<Partial>	
ER-06.05.04-OSED-LOAD.0109	TRF PAX	AOC	AO; GH	Transfer Passengers - No. of passengers on the arrival aircraft that are transferring to a departing flight at the same airport To be exchanged in combination with: • FL ID (inbound) • DOF (inbound)	ST planning & Exec. phase	Policy - Confidentiality : <Restricted>	<In Progress>	For resource planning and management	REQ-06.02-DOD-6200.0081<Partial>	
ER-06.05.04-OSED-LOAD.0110	BELT ID	AO	AOP	Baggage Belt / Carousel D - Baggage Belt / Carousel allocated for the arriving flight bags To be exchanged in combination with: • FL ID (inbound) • DOF (inbound)	ST planning & Exec. phase	Policy - Confidentiality : <Restricted>	<In Progress>	For planning and management as well as communication with GH's and passengers	REQ-06.02-DOD-6200.0081<Partial>	
ER-06.05.04-OSED-LOAD.0111	TOW	AOC	AO; GH	Actual Take-Off Weight in tons as per flight plan To be exchanged in combination with: • FL ID (inbound) • DOF (inbound)	ST planning & Exec. phase	Policy - Confidentiality : <Restricted>	<In Progress>	For planning and management	REQ-06.02-DOD-6200.0081<Partial>	
ER-06.05.04-OSED-LOAD.0112	EST PAX	AOC	AO; GH	Estimated Passenger (per Flight) To be exchanged in combination with: • FL ID (inbound) • DOF (inbound)	ST planning & Exec. phase	Policy - Confidentiality : <Restricted>	<Validated>	For planning and management	REQ-06.02-DOD-6200.0081<Partial>	
ER-06.05.04-OSED-LOAD.0113	CHK PAX	AOC	AO; GH	Checked Passenger (per Flight) To be exchanged in combination with: • FL ID (inbound) • DOF (inbound)	ST planning & Exec. phase	Policy - Confidentiality : <Restricted>	<Validated>	For planning and management	REQ-06.02-DOD-6200.0081<Partial>	
ER-06.05.04-OSED-LOAD.0115	TAG	AOC	AO; GH	Time at Gate (per Flight) To be exchanged in combination with: • FL ID (inbound) • DOF (inbound)	ST planning & Exec. phase	Policy - Confidentiality : <Restricted>	<Validated>	For planning and management	REQ-06.02-DOD-6200.0081<Partial>	
ER-06.05.04-OSED-LOAD.0116	TOBT PAX	AOC	AO; GH	TOBT Pax (per Flight) To be exchanged in combination with: • FL ID (inbound) • DOF (inbound)	ST planning & Exec. phase	Policy - Confidentiality : <Restricted>	<Validated>	For planning and management	REQ-06.02-DOD-6200.0081<Partial>	

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1.9.3 IER's related to AOP Content Elements for Service Providers Resources & Capabilities

1.9.3.1 Airport Resources and Capacity Information

[IER]

Identifier	Name	Issuer	Intended Addressees	Information Element	Involved Operational Activities	Interaction Rules and Policy	Status	Rationale	Satisfied DOD Requirement Identifier	Service Identifier
ER-06.05.04-OSED-CAPC.0101	Airport ID (IATA)	AO	AOP; NOP	Airport Designation - IATA code For which the resource and capacity information is given	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc> *Available to the NOP through the AOP*	<In Progress>	For planning and management	REQ-06.02-DOD-6200.0081<Partial>	
ER-06.05.04-OSED-CAPC.0102	Airport ID (ICAO)	AO	AOP; NOP	Airport Designation - ICAO Code For which the resource and capacity information is given	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc> *Available to the NOP through the AOP*	<In Progress>	For planning and management	REQ-06.02-DOD-6200.0081<Partial>	
ER-06.05.04-OSED-CAPC.0103	Airport Status Code	APOC supervisor	AOP; NOP	Airport Status Code To be exchanged in combination with: Airport ID	ST planning & Exec. phase	*Available to the NOP through the AOP*	<In Progress>	For planning and management Safeguard for future definition	REQ-06.02-DOD-6200.0081<Partial>	
ER-06.05.04-OSED-CAPC.0104	Airport Status Description	APOC Supervisor	AOP; NOP	Airport Status Description - (short) Description of airport status To be exchanged in combination with: Airport ID	ST planning & Exec. phase	Transmission rules - Interaction type : <Collaboration> *Available to the NOP through the AOP*	<In Progress>	Free text filed Safeguard for future definition	REQ-06.02-DOD-6200.0081<Partial>	
ER-06.05.04-OSED-CAPC.0105	Runway State	AO	AOP	Runway State - For each runway: Open - in use / Open - not in use / Closed To be exchanged in combination with: Runway designator	ST planning & Exec. phase		<In Progress>	Availability of runways and runway exits/entries per operating direction. Input for DCB tool. For planning and management	REQ-06.02-DOD-6200.0081<Partial>	
ER-06.05.04-OSED-CAPC.0106	Stand State	AO	AOP	Stand State - For each aircraft stand: Open - in use / Open - not in use / Closed To be exchanged in combination with: Stand designator	ST planning & Exec. phase		<In Progress>	For planning and management	REQ-06.02-DOD-6200.0081<Partial>	
ER-06.05.04-OSED-CAPC.0107	Taxiway State	AO; Local ATC svc prvd – Apt Gnd)	AOP	Taxiway State - For each taxiway (or group of taxiways): Open - in use / Open - not in use / Closed To be exchanged in combination with: Taxiway designator	ST planning & Exec. phase		<In Progress>	For planning and management	REQ-06.02-DOD-6200.0081<Partial>	
ER-06.05.04-OSED-CAPC.0108	De-Icing Position State	AO; (DIA)	AOP	De-Icing Position State - Open - in use / Open - not in use / Closed To be exchanged in combination with: De-icing position designator	ST planning & Exec. phase		<In Progress>	For planning and management	REQ-06.02-DOD-6200.0081<Partial>	

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Identifier	Name	Issuer	Intended Addressees	Information Element	Involved Operational Activities	Interaction Rules and Policy	Status	Rationale	Satisfied DOD Requirement Identifier	Service Identifier
ER-06.05.04-OSED-CAPC.0109	Declared Total Runway Capacity	AO; (Local ATC svc prvd - Apt Twr)	AOP; NOP	Declared Runway Capacity - seasonal Number of total movements per pre-defined time period. To be exchanged in combination with: Airport ID	LT /MT planning	Transmission rules - Interaction frequency :<ad hoc> *Available to the NOP through the AOP*	<In Progress>	For strategic purposes only Input for SLOT coordination	REQ-06.02-DOD-6200.0081<Partial>	
ER-06.05.04-OSED-CAPC.0110	Declared Arrival Runway Capacity	AO; (Local ATC svc prvd - Apt Twr)	AOP; NOP	Declared Arrival Runway Capacity - seasonal Number of arrivals per pre-defined time period To be exchanged in combination with: Airport ID	LT /MT planning	Transmission rules - Interaction frequency :<ad hoc> *Available to the NOP through the AOP*	<In Progress>	For Airport Slot coordination and seasonal planning. Based on nominal weather conditions and standard runway configurations. Used for KPI forecasting in Medium term planning phase	REQ-06.02-DOD-6200.0081<Partial>	
ER-06.05.04-OSED-CAPC.0111	Declared Departure Runway Capacity	AO; (Local ATC svc prvd - Apt Twr)	AOP; NOP	Declared Departure runway Capacity - seasonal Number of departures per pre-defined time period To be exchanged in combination with: Airport ID	LT /MT planning	Transmission rules - Interaction frequency :<ad hoc> *Available to the NOP through the AOP*	<In Progress>	For Airport Slot coordination and seasonal planning. Based on nominal weather conditions and standard runway configurations. Used for KPI forecasting in Medium term planning phase	REQ-06.02-DOD-6200.0081<Partial>	
ER-06.05.04-OSED-CAPC.0114	Declared Total TMA capacity	Local ATC svc prvd – TMA Ctrl)	AOP	Declared Total TMA Capacity - seasonal Number of total movements per pre-defined time period. To be exchanged in combination with: Airport ID	LT /MT planning	Transmission rules - Interaction frequency :<ad hoc>	<In Progress>	For Airport Slot coordination and seasonal planning. Based on nominal weather conditions and standard runway configurations. Used for KPI forecasting in Medium term planning phase	REQ-06.02-DOD-6200.0081<Partial>	
ER-06.05.04-OSED-CAPC.0115	Declared inbound TMA capacity	Local ATC svc prvd – TMA Ctrl)	AOP	Declared TMA Inbound Capacity - seasonal Number of inbound movements per pre-defined time period. To be exchanged in combination with: Airport ID	LT /MT planning	Transmission rules - Interaction frequency :<ad hoc>	<In Progress>	For Airport Slot coordination and seasonal planning. Based on nominal weather conditions and standard runway configurations. Used for KPI forecasting in Medium term planning phase	REQ-06.02-DOD-6200.0081<Partial>	
ER-06.05.04-OSED-CAPC.0116	Declared Outbound TMA capacity	Local ATC svc prvd – TMA Ctrl)	AOP	Declared TMA Outbound Capacity – seasonal Number of outbound movements per pre-defined time period. To be exchanged in combination with: Airport ID	LT /MT planning	Transmission rules - Interaction frequency :<ad hoc>	<In Progress>	For Airport Slot coordination and seasonal planning. Based on nominal weather conditions and standard runway configurations. Used for KPI forecasting in Medium term planning phase	REQ-06.02-DOD-6200.0081<Partial>	

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Identifier	Name	Issuer	Intended Addressees	Information Element	Involved Operational Activities	Interaction Rules and Policy	Status	Rationale	Satisfied DOD Requirement Identifier	Service Identifier
ER-06.05.04-OSED-CAPC.0117	Declared Total Ground Movement Capacity	AO; (Local ATC svc prvd - Apt Gnd)	AOP	Declared Total Ground Movement Capacity - seasonal Number of total Ground Movements per pre-defined time period.	LT /MT planning	Transmission rules - Interaction frequency :<ad hoc>	<In Progress>	For Airport Slot coordination and seasonal planning. Based on nominal weather conditions and standard runway configurations. Used for KPI forecasting in Medium term planning phase	REQ-06.02-DOD-6200.0081<Partial>	
ER-06.05.04-OSED-CAPC.0118	Declared Taxi-in Ground Movement Capacity	AO; (Local ATC svc prvd - Apt Gnd)	AOP	Declared Taxi-in Ground Movement Capacity - seasonal Number of Taxi-in ground movements per pre-defined time period.	LT /MT planning	Transmission rules - Interaction frequency :<ad hoc>	<In Progress>	For Airport Slot coordination and seasonal planning. Based on nominal weather conditions and standard runway configurations. Used for KPI forecasting in Medium term planning phase	REQ-06.02-DOD-6200.0081<Partial>	
ER-06.05.04-OSED-CAPC.0119	Declared Taxi-out Ground Movement Capacity	AO; (Local ATC svc prvd - Apt Gnd)	AOP	Declared Taxi-out Ground Movement Capacity - seasonal Number of Taxi-out ground movements per pre-defined time period.	LT /MT planning	Transmission rules - Interaction frequency :<ad hoc>	<In Progress>	For Airport Slot coordination and seasonal planning. Based on nominal weather conditions and standard runway configurations. Used for KPI forecasting in Medium term planning phase	REQ-06.02-DOD-6200.0081<Partial>	
ER-06.05.04-OSED-CAPC.0120	Declared Aircraft Stands Capacity	AO	AOP; NOP	Declared Use of Stands - seasonal Number of available stands for each relevant aircraft category (mix) per operating type (Schengen/non-schengen, open/gate position), per terminal etc	LT /MT planning	Transmission rules - Interaction frequency :<ad hoc> *Available to the NOP through the AOP*	<In Progress>	For planning and management Specifies the declared stand capacity for the present season given the expected traffic mix.	REQ-06.02-DOD-6200.0081<Partial>	
ER-06.05.04-OSED-CAPC.0121	Declared On Stand De-Icing Capacity	AO	AOP	Declared On Stand De-Icing Capacity - seasonal Number of aircraft that can be simultaneously de-iced	LT /MT planning	Transmission rules - Interaction frequency :<ad hoc>	<In Progress>	For planning and management The operational on-stand de-icing capacity is the declared number of parking positions where de-Icing operations may be performed.	REQ-06.02-DOD-6200.0081<Partial>	
ER-06.05.04-OSED-CAPC.0122	Declared Remote De-Icing Capacity	AO	AOP	Declared Remote De-Icing Capacity - seasonal Number of aircraft that can be simultaneously de-iced	LT /MT planning	Transmission rules - Interaction frequency :<ad hoc>	<In Progress>	For planning and management The operational remote de-icing capacity is the declared number of sites/areas available for de-Icing per used runway configuration	REQ-06.02-DOD-6200.0081<Partial>	

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Identifier	Name	Issuer	Intended Addressees	Information Element	Involved Operational Activities	Interaction Rules and Policy	Status	Rationale	Satisfied DOD Requirement Identifier	Service Identifier
ER-06.05.04-OSED-CAPC.0123	Total declared airport capacity	AO	AOP; NOP	Total Declared Airport Capacity - seasonal Is declared airport capacity based on (minimum of): declared runway capacity, ground movement capacity, apron capacity, terminal capacity, turn-round capacity, and cargo capacity. Number of arrivals per pre-defined time period To be exchanged in combination with: Airport ID	LT /MT planning	Transmission rules - Interaction frequency :<ad hoc> *Available to the NOP through the AOP*	<In Progress>	For Airport Slot coordination and seasonal planning. Based on nominal weather conditions and standard runway configurations. Used for KPI forecasting in Medium term planning phase	REQ-06.02-DOD-6200.0081<Partial>	
ER-06.05.04-OSED-CAPC.0124	Declared Airport Arrival Capacity	AO	AOP; NOP	Declared Airport Arrival Capacity - seasonal Is declared airport arrival capacity based on (minimum of): declared runway capacity, ground movement capacity, apron capacity, terminal capacity, turn-round capacity, and cargo capacity. Number of arrivals per pre-defined time period To be exchanged in combination with: Airport ID	LT /MT planning	Transmission rules - Interaction frequency :<ad hoc> *Available to the NOP through the AOP*	<In Progress>	For Airport Slot coordination and seasonal planning. Based on nominal weather conditions and standard runway configurations. Used for KPI forecasting in Medium term planning phase	REQ-06.02-DOD-6200.0081<Partial>	
ER-06.05.04-OSED-CAPC.0125	Declared Airport Departure Capacity	AO	AOP; NOP	Declared Airport Departure Capacity - seasonal Is declared airport capacity based on (minimum of): declared runway capacity, ground movement capacity, apron capacity, terminal capacity, turn-round capacity, and cargo capacity. Number of departures per pre-defined time period To be exchanged in combination with: Airport ID	LT /MT planning	Transmission rules - Interaction frequency :<ad hoc> *Available to the NOP through the AOP*	<In Progress>	For Airport Slot coordination and seasonal planning. Based on nominal weather conditions and standard runway configurations. Used for KPI forecasting in Medium term planning phase	REQ-06.02-DOD-6200.0081<Partial>	

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Identifier	Name	Issuer	Intended Addressees	Information Element	Involved Operational Activities	Interaction Rules and Policy	Status	Rationale	Satisfied DOD Requirement Identifier	Service Identifier
ER-06.05.04-OSED-CAPC.0201	TMA Configuration Plan	Local ATC svc prvd – TMA Ctrl	AOP; (AOP monitor-DCB Tool)	TMA Configuration Plan List of all possible / practical TMA configurations and associated capacities (total, landings, take-offs) for each selected time-period (e.g. night time, daytime, inbound peaks, etc) and relevant operating conditions (e.g. LVP) for the day of operation, based on the (planned) availability of TMA airspace and infrastructure (nav-aids etc) To be exchanged in combination with: Airport ID	ST planning & Exec. phase		<In Progress>	For planning and management	REQ-06.02-DOD-6200.0081<Partial>	
ER-06.05.04-OSED-CAPC.0202	TMA Configuration Plan	Local ATC svc prvd – TMA Ctrl	AOP; (AOP monitor-DCB Tool)	TMA Configuration Plan t includes the following information: - Each scheduled and expected TMA configuration and times (start and end times) - Associated declared TMA capacity (taking into account the conditions on the day of operation) '= declared open sectors. needs to match runway configuration To be exchanged in combination with: Airport ID	LT /MT planning		<In Progress>	For planning and management	REQ-06.02-DOD-6200.0081<Partial>	
ER-06.05.04-OSED-CAPC.0203	Default Total TMA Capacity	Local ATC svc prvd – TMA Ctrl	AOP; (AOP monitor-DCB Tool)	Total TMA Capacity for all possible TMA / runway configurations and operating conditions and for each pre-selected time period (e g. night time, daytime, inbound peaks, etc) Number of total movements per hour. To be exchanged in combination with: Airport ID	ST planning & Exec. phase		<In Progress>	For planning and management	REQ-06.02-DOD-6200.0081<Partial>	
ER-06.05.04-OSED-CAPC.0204	Default Inbound TMA Capacity	Local ATC svc prvd – TMA Ctrl	AOP; (AOP monitor-DCB Tool)	Inbound TMA Capacity for all possible TMA / runway configurations and operating conditions and for each pre-selected time period (e g. night time, daytime, inbound peaks, etc) Number of inbound movements per hour. To be exchanged in combination with: Airport ID	ST planning & Exec. phase		<In Progress>	For planning and management	REQ-06.02-DOD-6200.0081<Partial>	

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Identifier	Name	Issuer	Intended Addressees	Information Element	Involved Operational Activities	Interaction Rules and Policy	Status	Rationale	Satisfied DOD Requirement Identifier	Service Identifier
ER-06.05.04-OSED-CAPC.0205	Default Outbound TMA Capacity	Local ATC svc prvd – TMA Ctrl	AOP; (AOP monitor-DCB Tool)	Outbound TMA Capacity for all possible TMA / runway configurations and operating conditions and for each pre-selected time period (e.g. night time, daytime, inbound peaks, etc) Number of Outbound movements per hour. To be exchanged in combination with: Airport ID	ST planning & Exec. phase		<In Progress>	For planning and management	REQ-06.02-DOD-6200.0081<Partial>	
ER-06.05.04-OSED-CAPC.0206	Actual Total TMA Capacity	Local ATC svc prvd – TMA Ctrl	AOP; (AOP monitor-DCB Tool)	Actual / forecasted Total TMA capacity based on actual/ forecasted runway combination and actual / forecasted operating conditions Number of Total movements per hour. To be exchanged in combination with: Airport ID	ST planning & Exec. phase		<In Progress>	For planning and management	REQ-06.02-DOD-6200.0081<Partial>	
ER-06.05.04-OSED-CAPC.0207	Actual Inbound TMA Capacity	Local ATC svc prvd – TMA Ctrl	AOP; (AOP monitor-DCB Tool)	Actual / forecasted Inbound TMA capacity based on actual/ forecasted runway combination and actual / forecasted operating conditions Number of inbound movements per hour. To be exchanged in combination with: Airport ID	ST planning & Exec. phase		<In Progress>	For planning and management	REQ-06.02-DOD-6200.0081<Partial>	
ER-06.05.04-OSED-CAPC.0208	Actual Outbound TMA Capacity	Local ATC svc prvd – TMA Ctrl	AOP; (AOP monitor-DCB Tool)	Actual / forecasted Outbound TMA capacity based on actual/ forecasted runway combination and actual / forecasted operating conditions Number of Outbound movements per hour. To be exchanged in combination with: Airport ID	ST planning & Exec. phase		<In Progress>	For planning and management	REQ-06.02-DOD-6200.0081<Partial>	
ER-06.05.04-OSED-CAPC.0300	Runway Configuration Plan	Local ATC svc prvd - Apt Twr; (AO)	AOP; NOP	Runway Configuration plan including for each defined time period: • The designators of each runway (planned to be) in use, • The operating mode of each runway, • The STAR / SID assignment for each runway. To be exchanged in combination with: Airport ID	ST planning & Exec. phase	*Available to the NOP through the AOP*	<In Progress>	For planning and management	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0084<Partial>; REQ-06.02-DOD-6200.0085<Partial>	

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Identifier	Name	Issuer	Intended Addressees	Information Element	Involved Operational Activities	Interaction Rules and Policy	Status	Rationale	Satisfied DOD Requirement Identifier	Service Identifier
ER-06.05.04-OSED-CAPC.0299	Airport Capacity and event plan	Local ATC service provider	AOP; NOP	Plan including for each defined time period: • The airport operating priority, • The declared runway capacity, • The practical runway capacity, • Event kind / reason for capacity reduction, • Probability of event, • Limit factor, • expected recovery scenario. To be exchanged in combination with: Airport ID	ST planning & Exec. phase	*Available to the NOP through the AOP*	<In Progress>	For planning and management	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0084<Partial>; REQ-06.02-DOD-6200.0085<Partial>	
ER-06.05.04-OSED-CAPC.0301	Allocated Runway Use distribution plan - Saturation capacity	Local ATC svc prvd - Apt Twr; (AO)	AOP; NOP	Chosen (allocated) inbound and outbound capacities over landing and take-off runways. Both actual and forecasted **Saturation** runway capacity, expressed in # Movements (arrivals and/or departures) per runway and per time interval for predefined time period ahead. To be exchanged in combination with: Airport ID	ST planning & Exec. phase	*Available to the NOP through the AOP*	<In Progress>	Is the result of the chosen DCB solution (capacity/traffic distribution over arrival and departures per runway) by the Apt Twr, based on actual /forecasted demand and operating conditions (e g. weather) Will overwrite / update the Runway Use Distribution plan for the remaining time of the Day of Operations For planning and management	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0084<Partial>; REQ-06.02-DOD-6200.0085<Partial>	
ER-06.05.04-OSED-CAPC.0302	Allocated Runway Use distribution plan - practical capacity	Local ATC svc prvd - Apt Twr; (AO))	AOP; NOP	Chosen (allocated) Distribution of inbound and outbound capacities over landing and take-off runways. Both actual and forecasted **Practical** runway capacity, expressed in # Movements (arrivals and/or departures) per runway and per time interval for predefined time period ahead. To be exchanged in combination with: Airport ID	ST planning & Exec. phase	*Available to the NOP through the AOP*	<In Progress>	Is the result of the chosen DCB solution (capacity/traffic distribution over arrival and departures per runway) by the Apt Twr. Will overwrite / update the Runway Use Distribution plan for the remaining time of the Day of Operations bases on actual /forecasted demand and operating conditions (e g. weather) Can be manually overwritten by the Apt Twr if needed. For planning and management	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0084<Partial>; REQ-06.02-DOD-6200.0085<Partial>	

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Identifier	Name	Issuer	Intended Addressees	Information Element	Involved Operational Activities	Interaction Rules and Policy	Status	Rationale	Satisfied DOD Requirement Identifier	Service Identifier
ER-06.05.04-OSED-CAPC.0306	Allocated Runway Use distribution plan - probability	Local ATC svc prvd - Apt Twr; (AO)	AOP; NOP	Forecasted probability of application for the chosen runway use distribution plan Probability (percentage) of appliance per time interval for predefined time period ahead. To be exchanged in combination with: Airport ID	ST planning & Exec. phase	*Available to the NOP through the AOP*	<In Progress>	Indication of the chose runway use distribution to be solid in time For planning and management	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0084<Partial>; REQ-06.02-DOD-6200.0085<Partial>	
ER-06.05.04-OSED-CAPC.0303	Manual input Runway Use distribution plan Indicator	Local ATC svc prvd - Apt Twr; (AO)	AOP; NOP	Indicator if the actual / forecasted runway use distribution Plan is the result of the advised DCB solution or a manual input / correction by the Apt Twr To be exchanged in combination with: Airport ID	ST planning & Exec. phase	*Available to the NOP through the AOP*	<In Progress>	For Post operations analysis	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0084<Partial>; REQ-06.02-DOD-6200.0085<Partial>	
ER-06.05.04-OSED-CAPC.0304	Advised Runway Use distribution plan(s) – Saturation capacity	AOP monitor - DCB Tool	Local ATC svc prvd - Apt Twr	Proposed (performance optimized) Distribution of inbound and outbound capacities over Landing and take-off runways For each proposed runway distribution plans, both actual and forecasted Saturation runway capacity, expressed in # Movements (arrivals and/or departures) per runway and per time interval for predefined time period	ST planning & Exec. phase	Policy - Confidentiality : <Restricted>	<In Progress>	Is proposed capacity / traffic distribution(s) over arrival and departures per runway based on optimization of KPI's . More than one proposal possible For planning and management	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0084<Partial>; REQ-06.02-DOD-6200.0085<Partial>	
ER-06.05.04-OSED-CAPC.0305	Advised Runway Use distribution plan(s) - probability	AOP monitor - DCB Tool	Local ATC svc prvd - Apt Twr	Probability of appliance of proposed (performance optimized) Distribution of inbound and outbound capacities over Landing and take-off runways For each proposed runway distribution plan, the probability (percentage) of appliance per time interval for predefined time period ahead.	ST planning & Exec. phase	Policy - Confidentiality : <Restricted>	<In Progress>	The application probability of each proposed runway use distribution. Indication of the solidness in time of each proposed distribution For planning and management	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0084<Partial>; REQ-06.02-DOD-6200.0085<Partial>	
ER-06.05.04-OSED-CAPC.0400	Default Total Ground Movement Capacity	Local ATC svc prvd - Apt Gnd	AOP; (AOP monitor - DCB tool)	Total Ground Movement Capacity for all possible runway configurations and operating conditions and for each pre-selected time period (e g. night time, daytime, inbound peaks, etc) Number of total ground movements per hour.	ST planning & Exec. phase		<In Progress>	For planning and management	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0084<Partial>; REQ-06.02-DOD-6200.0085<Partial>	

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Identifier	Name	Issuer	Intended Addressees	Information Element	Involved Operational Activities	Interaction Rules and Policy	Status	Rationale	Satisfied DOD Requirement Identifier	Service Identifier
ER-06.05.04-OSED-CAPC.0401	Default Taxi-in Ground Movement Capacity	Local ATC svc prvd - Apt Gnd	AOP; (AOP monitor - DCB tool)	Total Taxi-in Ground Movement Capacity for all possible runway configurations and operating conditions and for each pre-selected time period (e g. night time, daytime, inbound peaks, etc) Number of Taxi-in ground movements per hour.	ST planning & Exec. phase		<In Progress>	For planning and management	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0084<Partial>; REQ-06.02-DOD-6200.0085<Partial>	
ER-06.05.04-OSED-CAPC.0402	Default Taxi-out Ground Movement Capacity	Local ATC svc prvd - Apt Gnd	AOP; (AOP monitor - DCB tool)	Total Taxi-out Ground Movement Capacity for all possible runway configurations and operating conditions and for each pre-selected time period (e g. night time, daytime, inbound peaks, etc) Number of Taxi-out ground movements per hour.	ST planning & Exec. phase		<In Progress>	For planning and management	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0084<Partial>; REQ-06.02-DOD-6200.0085<Partial>	
ER-06.05.04-OSED-CAPC.0403	Actual Total Ground movement Capacity	Local ATC svc prvd - Apt Gnd	AOP; (AOP monitor - DCB tool)	Actual / forecasted Total Ground Movement capacity based on actual/ forecasted runway combination and actual / forecasted operating conditions Number of Total ground movements per time interval for predefined time period ahead	ST planning & Exec. phase		<In Progress>	For planning and management	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0084<Partial>; REQ-06.02-DOD-6200.0085<Partial>	
ER-06.05.04-OSED-CAPC.0404	Actual Taxi-in Ground Movement Capacity	Local ATC svc prvd - Apt Gnd	AOP; (AOP monitor - DCB tool)	Actual / forecasted Taxi-in Ground Movement capacity based on actual/ forecasted runway combination and actual / forecasted operating conditions Number of Taxi-in ground movements per time interval for predefined time period ahead.	ST planning & Exec. phase		<In Progress>	For planning and management	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0084<Partial>; REQ-06.02-DOD-6200.0085<Partial>	
ER-06.05.04-OSED-CAPC.0405	Actual Taxi-out Ground Movement Capacity	Local ATC svc prvd - Apt Gnd	AOP; (AOP monitor - DCB tool)	Actual / forecasted Taxi-out Ground Movement capacity based on actual/ forecasted runway combination and actual / forecasted operating conditions Number of Taxi-out ground movements per time interval for predefined time period ahead	ST planning & Exec. phase		<In Progress>	For planning and management	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0084<Partial>; REQ-06.02-DOD-6200.0085<Partial>	

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Identifier	Name	Issuer	Intended Addressees	Information Element	Involved Operational Activities	Interaction Rules and Policy	Status	Rationale	Satisfied DOD Requirement Identifier	Service Identifier
ER-06.05.04-OSED-CAPC.0406	Taxi-out Ground Movement Capacity - probability	Local ATC svc prvd - Apt Gnd	AOP; (AOP monitor - DCB tool)	Forecasted probability of application for Taxi-out Ground Movement capacity based on actual/ forecasted runway combination and actual / forecasted operating conditions Probability (percentage) of appliance per time interval for predefined time period ahead	ST planning & Exec. phase		<In Progress>	For planning and management	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0084<Partial>; REQ-06.02-DOD-6200.0085<Partial>	
ER-06.05.04-OSED-CAPC.0407	Taxi-in Ground Movement Capacity - probability	Local ATC svc prvd - Apt Gnd	AOP; (AOP monitor - DCB tool)	Forecasted probability of application for Taxi-in Ground Movement capacity based on actual/ forecasted runway combination and actual / forecasted operating conditions Probability (percentage) of appliance per time interval for predefined time period ahead	ST planning & Exec. phase		<In Progress>	For planning and management	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0084<Partial>; REQ-06.02-DOD-6200.0085<Partial>	
ER-06.05.04-OSED-CAPC.0500	Stand Allocation Plan	AO - Stand planner	AOP	Operational Use of Stands Planned / updated allocation of stands to all flights	ST planning & Exec. phase		<In Progress>	For planning and management	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0084<Partial>; REQ-06.02-DOD-6200.0085<Partial>	
ER-06.05.04-OSED-CAPC.0501	Actual Stand availability Plan	AO - Stand planner	AOP	Expected Stand capacity for the day of operation List of all (planned) available stands and their applicability for specie aircraft types and/or categories. Planned availability of stands may be determined by maintenance work, both terminal and airside (apron/taxiways)	ST planning & Exec. phase		<In Progress>	For planning and management	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0084<Partial>; REQ-06.02-DOD-6200.0085<Partial>	
ER-06.05.04-OSED-CAPC.0600	De-icing stand Allocation Plan	DIA	AOP	Operational Use of De-icing positions Planned / updated allocation of De-icing positions to all outbound flights	ST planning & Exec. phase		<In Progress>	For planning and management	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0084<Partial>; REQ-06.02-DOD-6200.0085<Partial>	
ER-06.05.04-OSED-CAPC.0610	Actual total Airport Capacity	AO; (Local ATC service provider)	AOP; NOP	Actual total Airport Capacity	ST planning & Exec. phase	*Available to the NOP through the AOP*	<In Progress>	For planning and management	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0084<Partial>; REQ-06.02-DOD-6200.0085<Partial>	
ER-06.05.04-OSED-CAPC.0611	Actual Airport Arrival Capacity	AO; (Local ATC service provider)	AOP; NOP	Actual Airport Arrival Capacity	ST planning & Exec. phase	*Available to the NOP through the AOP*	<In Progress>	For planning and management	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0084<Partial>; REQ-06.02-DOD-6200.0085<Partial>	
ER-06.05.04-OSED-CAPC.0612	Actual Airport Departure capacity	AO; (Local ATC service provider)	AOP; NOP	Actual Airport Departure capacity	ST planning & Exec. phase	*Available to the NOP through the AOP*	<In Progress>	For planning and management	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0084<Partial>; REQ-06.02-DOD-6200.0085<Partial>	

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Identifier	Name	Issuer	Intended Addressees	Information Element	Involved Operational Activities	Interaction Rules and Policy	Status	Rationale	Satisfied DOD Requirement Identifier	Service Identifier
ER-06.05.04-OSED-CAPC.0701	Reason for Reduced TMA Capacity - code	Local ATC svc Prvd – TMA Ctrl	AOP	Reduced TMA Capacity Code To be exchanged in combination with: Airport ID	ST planning & Exec. phase		<In Progress>	Data field presenting the relevant ICAO/ECTL reason code(s) related to TMA capacity reduction	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0084<Partial>; REQ-06.02-DOD-6200.0085<Partial>	
ER-06.05.04-OSED-CAPC.0702	Reason for Reduced TMA Capacity – description	Local ATC svc Prvd – TMA Ctrl	AOP	Short description on the reason for reduced TMA Capacity To be exchanged in combination with: Airport ID	ST planning & Exec. phase		<In Progress>	Selection between predefined reasons like for example: • Staffing • High Altitude winds • Thunderstorm • Heavy Rain • etc Or a free text field to include a non pre-defined reason	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0084<Partial>; REQ-06.02-DOD-6200.0085<Partial>	
ER-06.05.04-OSED-CAPC.0703	Reason for Reduced Ground Movement Capacity - code	Local ATC svc prvd - Apt Gnd	AOP	Reduced Ground Movement Capacity Code	ST planning & Exec. phase		<In Progress>	Data field presenting the relevant ICAO/ECTL reason code(s) for Ground Movement capacity reduction	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0084<Partial>; REQ-06.02-DOD-6200.0085<Partial>	
ER-06.05.04-OSED-CAPC.0704	Reason for Reduced Ground Movement Capacity – description	Local ATC svc prvd - Apt Gnd	AOP	Short description on the reason for reduced Ground Movement Capacity	ST planning & Exec. phase		<In Progress>	Selection between predefined reasons like for example: • Construction / maintenance work • Snow removal • Technical failure • Low visibility • Blocked taxiway(s) • Taxiway surface conditions • etc Or a free text field to include a non pre-defined reason	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0084<Partial>; REQ-06.02-DOD-6200.0085<Partial>	
ER-06.05.04-OSED-CAPC.0705	Reason for Reduced Apron (Aircraft stand) Capacity - code	AO	AOP	Reduced Apron (Aircraft Stand) Capacity Code	ST planning & Exec. phase		<In Progress>	Data field presenting the relevant ICAO/ECTL reason code(s) for Apron (Aircraft stand) capacity reduction	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0084<Partial>; REQ-06.02-DOD-6200.0085<Partial>	

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Identifier	Name	Issuer	Intended Addressees	Information Element	Involved Operational Activities	Interaction Rules and Policy	Status	Rationale	Satisfied DOD Requirement Identifier	Service Identifier
ER-06.05.04-OSED-CAPC.0706	Reason for Reduced Apron (Aircraft Stand) Capacity – description	AO	AOP	Short description on the reason for reduced Apron (Aircraft Stand) Capacity	ST planning & Exec. phase		<In Progress>	Selection between predefined reasons like for example : • Construction / maintenance work • Snow removal • Technical failure • Blocked Gate(s) • etc Or a free text field to include a non pre-defined reason	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0084<Partial>; REQ-06.02-DOD-6200.0085<Partial>	
ER-06.05.04-OSED-CAPC.0707	Reason for Reduced Runway Capacity - code	Local ATC svc prvd - Apt Twr	AOP; NOP	Reduced Runway Capacity Code To be exchanged in combination with: Airport ID	ST planning & Exec. phase	*Available to the NOP through the AOP*	<In Progress>	Data field presenting the relevant ICAO/ECTL reason code(s) for Runway capacity reduction	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0084<Partial>; REQ-06.02-DOD-6200.0085<Partial>	
ER-06.05.04-OSED-CAPC.0708	Reason for Reduced Runway Capacity – description	Local ATC svc prvd - Apt Twr	AOP; NOP	Short description on the reason for reduced Runway Capacity To be exchanged in combination with: Airport ID	ST planning & Exec. phase	*Available to the NOP through the AOP*	<In Progress>	Selection between predefined reasons like for example: • Construction / maintenance work • Snow removal • Technical failure • Low visibility • Blocked runway(s) • Runway surface conditions • Environmental restrictions • etc Or a free text field to include a non pre-defined reason	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0084<Partial>; REQ-06.02-DOD-6200.0085<Partial>	
ER-06.05.04-OSED-CAPC.0709	Reason for reduced Airport Capacity – code	AO; (Local ATC service provider)	AOP; NOP	Reduced Airport Capacity Code To be exchanged in combination with: Airport ID	ST planning & Exec. phase	*Available to the NOP through the AOP*	<In Progress>	Data field presenting the relevant ICAO/ECTL reason code(s) for Airport capacity reduction	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0084<Partial>; REQ-06.02-DOD-6200.0085<Partial>	
ER-06.05.04-OSED-CAPC.0710	Reason for reduced Airport Capacity - description	AO; (Local ATC service provider)	AOP; NOP	Short description on the reason for reduced Airport Capacity To be exchanged in combination with: Airport ID	ST planning & Exec. phase	*Available to the NOP through the AOP*	<In Progress>	Selection between predefined reasons like for example: • Construction / maintenance work • Snow removal • Technical failure • Low visibility • Blocked runway(s) • Runway surface conditions • Environmental restrictions • etc Or a free text field to include a non pre-defined reason	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0084<Partial>; REQ-06.02-DOD-6200.0085<Partial>	

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1.9.4 MET information

1.9.4.1 General MET requirements

[IER]

Identifier	Name	Issuer	Intended Addressees	Information Element	Involved Operational Activities	Interaction Rules and Policy	Status	Rationale	Satisfied DOD Requirement Identifier	Service Identifier
ER-06.05.04-OSED-MET1.0001	Meteorological data	MET	AOP	Meteorological data by a designated SES certified meteorological service provider To be exchanged in combination with: Airport ID	ST planning & Exec. phase		<Validated>	Meteorological services compliant with ICAO Annex 3 to the convention on International Civil Aviation: "Meteorological Service for International Air Navigation (17th Edition) AMD76" For planning and management	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0084<Partial>	
ER-06.05.04-OSED-MET1.0002	METAR	MET	AOP	METAR information of the Airport To be exchanged in combination with: Airport ID	ST planning & Exec. phase		<Validated>	Compliance of Requirements with ICAO regulations For planning and management	REQ-06.02-DOD-6200.0081<Partial>;	
ER-06.05.04-OSED-MET1.0003	MET REPORT	MET	AOP	MET REPORT information of the airport To be exchanged in combination with: Airport ID	ST planning & Exec. phase		<Validated>	Compliance of Requirements with ICAO regulations For planning and management	REQ-06.02-DOD-6200.0081<Partial>;	
ER-06.05.04-OSED-MET1.0004	TAF	MET	AOP	TAF information of the airport To be exchanged in combination with: Airport ID	ST planning & Exec. phase		<Validated>	Compliance of Requirements with ICAO regulations For planning and management	REQ-06.02-DOD-6200.0081<Partial>;	
ER-06.05.04-OSED-MET1.0005	TREND	MET	AOP	TREND information of the Airport To be exchanged in combination with: Airport ID	ST planning & Exec. phase		<Validated>	Compliance of Requirements with ICAO regulations For planning and management	REQ-06.02-DOD-6200.0081<Partial>;	
ER-06.05.04-OSED-MET1.0006	Airport Warning MET	MET	AOP	Actual Airport Warning MET information To be exchanged in combination with: Airport ID	ST planning & Exec. phase		<Validated>	Compliance of Requirements with ICAO regulations For planning and management	REQ-06.02-DOD-6200.0081<Partial>;	

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Identifier	Name	Issuer	Intended Addressees	Information Element	Involved Operational Activities	Interaction Rules and Policy	Status	Rationale	Satisfied DOD Requirement Identifier	Service Identifier
ER-06.05.04-OSED-MET1.0007	SNOWTAM	MET	AOP	SNOWTAM information of the Airport To be exchanged in combination with: Airport ID	ST planning & Exec. phase		<Validated>	Compliance of Requirements with ICAO regulations For planning and management	REQ-06.02-DOD-6200.0081<Partial>;	
ER-06.05.04-OSED-MET1.0009	Adverse Weather Condition	MET	AOP	Occurrence and severity of any adverse weather condition at the airport. Immediately when detected. To be exchanged in combination with: Airport ID	ST planning & Exec. phase		<Validated>	For planning and management	REQ-06.02-DOD-6200.0081<Partial>;	
ER-06.05.04-OSED-MET1.0008	Reduced set of MET data	MET	AOP	Reduced set of MET data in reduced resolution covering the first part of the medium term planning phase(from +48h onward) as defined and adjusted by the steer airport performance process To be exchanged in combination with: Airport ID	ST planning & Exec. phase		<Validated>	For planning and management	REQ-06.02-DOD-6200.0081<Partial>;	

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1.9.4.2 MET Parameters: direct meteorological parameters

[IER]

Identifier	Name	Issuer	Intended Addressees	Information Element	Involved Operational Activities	Interaction Rules and Policy	Status	Rationale	Satisfied DOD Requirement Identifier	Service Identifier
ER-06.05.04-OSED-MET2.0001	Cloud Base	MET	AOP	Actual & predicted Cloud Base Actual [ft.] and Forecast [ft.] & [%] probability	ST planning & Exec. phase		<Validated>	For planning and management	REQ-06.02-DOD-6200.0081<Partial>;	
ER-06.05.04-OSED-MET2.0002	Ceiling or vertical visibility information	MET	AOP	Actual & predicted Ceiling or vertical visibility information Actual [ft.] [m] and Forecast above/below determined thresholds [ft.] [m] & [%] probability Threshold(s) set by the Steer Airport Performance Service (Operational Steering Board – OSB)	ST planning & Exec. phase		<Validated>	For planning and management	REQ-06.02-DOD-6200.0081<Partial>;	
ER-06.05.04-OSED-MET2.0003	Cloud amount	MET	AOP	Total predicted cloud amount Actual in octest at altitude {ft.] [m] and Forecast [in octest at altitude ft] [m] & [%] probability	ST planning & Exec. phase		<Validated>	For planning and management	REQ-06.02-DOD-6200.0081<Partial>;	
ER-06.05.04-OSED-MET2.0004	Mean surface wind direction	MET	AOP	Actual & predicted mean surface wind direction Actual [Degrees] Forecast [Degrees]	ST planning & Exec. phase		<Validated>	For planning and management	REQ-06.02-DOD-6200.0081<Partial>;	
ER-06.05.04-OSED-MET2.0005	Surface wind direction probability forecasts	MET	AOP	Surface wind direction probability forecasts for all 8 main surface wind direction classes (N, NE, E, SE, S, SW, W, NW) Actual [Degrees] Forecast [Degrees] & [%] probability	ST planning & Exec. phase		<Validated>	For planning and management	REQ-06.02-DOD-6200.0081<Partial>;	
ER-06.05.04-OSED-MET2.0006	Mean surface wind speed	MET	AOP	Actual & predicted mean surface wind speed Actual [Kts] and Forecast [Kts] & [%] probability above/below determined thresholds. Threshold(s) set by the Steer Airport Performance Service (Operational Steering Board – OSB)	ST planning & Exec. phase		<Validated>	For planning and management	REQ-06.02-DOD-6200.0081<Partial>;	
ER-06.05.04-OSED-MET2.0007	Surface wind gusts	MET	AOP	Actual & predicted surface wind gusts Actual [Kts] and Forecast [Kts] & [%] probability above/below determined thresholds	ST planning & Exec. phase		<Validated>	For planning and management	REQ-06.02-DOD-6200.0081<Partial>;	

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Identifier	Name	Issuer	Intended Addressees	Information Element	Involved Operational Activities	Interaction Rules and Policy	Status	Rationale	Satisfied DOD Requirement Identifier	Service Identifier
ER-06.05.04-OSED-MET2.0008	Cross wind speed for all runways	MET	AOP	Actual & predicted cross wind speed component and gust for all runways Actual [Kts] and Forecast [Kts] & [%] probability above/below determined thresholds. Threshold(s) set by the Steer Airport Performance Service (Operational Steering Board – OSB)	ST planning & Exec. phase		<Validated>	For planning and management	REQ-06.02-DOD-6200.0081<Partial>;	
ER-06.05.04-OSED-MET2.0009	Head wind speed for all runways	MET	AOP	Actual & predicted head wind speed components and gust for all runways Actual [Kts] and Forecast [Kts] & [%] probability above/below determined thresholds. Threshold(s) set by the Steer Airport Performance Service (Operational Steering Board – OSB)	ST planning & Exec. phase		<Validated>	For planning and management	REQ-06.02-DOD-6200.0081<Partial>;	
ER-06.05.04-OSED-MET2.0011	Winds aloft: mean wind speed	MET	AOP	Actual & predicted Winds aloft: mean wind speed in 500ft intervals up to 2000ft above ground level, and in 1000ft intervals above 2000ft up to 5000ft above ground level. Actual [Kts] and Forecast [Kts]	ST planning & Exec. phase		<Validated>	For planning and management	REQ-06.02-DOD-6200.0081<Partial>;	
ER-06.05.04-OSED-MET2.0012	Winds aloft: mean wind direction	MET	AOP	Actual & predicted Winds aloft: mean wind direction in 500ft intervals up to 2000ft above ground level, and in 1000ft intervals above 2000ft up to 5000ft above ground level. Actual [Degrees] Forecast [Degrees]	ST planning & Exec. phase		<Validated>	For planning and management	REQ-06.02-DOD-6200.0081<Partial>;	
ER-06.05.04-OSED-MET2.0013	Probabilistic winds aloft forecast	MET	AOP	Probabilistic winds aloft forecast: probability distribution in classes of 5kts in 1000ft intervals up to 5000ft above ground level. Forecast [Kts] & [%] probability	ST planning & Exec. phase		<Validated>	For planning and management	REQ-06.02-DOD-6200.0081<Partial>;	
ER-06.05.04-OSED-MET2.0014	Probabilistic winds aloft forecast	MET	AOP	Probabilistic winds aloft forecast: probability distribution for predicted wind direction within the 8 main direction classes (N, NE, E, SE, S, SW, W, NW) in 1000ft intervals up to 5000ft above ground level Forecast [Degrees] & [%] probability	ST planning & Exec. phase		<Validated>	For planning and management	REQ-06.02-DOD-6200.0081<Partial>;	

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Identifier	Name	Issuer	Intended Addressees	Information Element	Involved Operational Activities	Interaction Rules and Policy	Status	Rationale	Satisfied DOD Requirement Identifier	Service Identifier
ER-06.05.04-OSED-MET2.0015	QFE	MET	AOP	barometric pressure adjusted to airfield level (airfield level = 0) QFE shall have an accuracy of 0.1 hPa Actual & predicted QFE associated to the relevant airport	ST planning & Exec. phase		<Validated>	For planning and management	REQ-06.02-DOD-6200.0081<Partial>;	
ER-06.05.04-OSED-MET2.0016	QNH	MET	AOP	barometric pressure adjusted to sea level (sea level = 0) QNH shall have an accuracy of 0.1 hPa Actual & predicted QNH associated to the relevant airport	ST planning & Exec. phase		<Validated>	For planning and management	REQ-06.02-DOD-6200.0081<Partial>;	
ER-06.05.04-OSED-MET2.0017	Visibility	MET	AOP	Actual & predicted Visibility Actual [m] and Forecast [m] & [%] probability above/below determined thresholds. Threshold(s) set by the Steer Airport Performance Service (Operational Steering Board – OSB)	ST planning & Exec. phase		<Validated>	For planning and management	REQ-06.02-DOD-6200.0081<Partial>;	
ER-06.05.04-OSED-MET2.0018	RVR per Runway (segment)	MET	AOP	Actual and forecasted Runway Visible Range for each runway (segment) Update rate at least every 30 seconds. Time resolution for forecasted RVR shall be per default 1 value /15min for the next 2 hours and 1 value /60min thereafter. Actual [m] and Forecast [m] & [%] probability above/below determined thresholds. Threshold(s) set by the Steer Airport Performance Service (Operational Steering Board – OSB)	ST planning & Exec. phase		<Validated>	For planning and management	REQ-06.02-DOD-6200.0081<Partial>;	
ER-06.05.04-OSED-MET2.0019	Mean 2m Temperature	MET	AOP	Actual & predicted mean 2m Temperature The accuracy of 2m temperature shall be 0.1 °C Actual [°C] and forecast [°C] & [%] probability above/below determined thresholds. Threshold(s) set by the Steer Airport Performance Service (Operational Steering Board – OSB)	ST planning & Exec. phase		<Validated>	For planning and management	REQ-06.02-DOD-6200.0081<Partial>;	

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Identifier	Name	Issuer	Intended Addressees	Information Element	Involved Operational Activities	Interaction Rules and Policy	Status	Rationale	Satisfied DOD Requirement Identifier	Service Identifier
ER-06.05.04-OSED-MET2.0020	Dew Point Temperature	MET	AOP	Actual & predicted Dew Point Temperature The accuracy of Dew Point temperature shall be 0.1 °C Actual [°C] and forecast [°C] & [%] probability above/below determined thresholds. Threshold(s) set by the Steer Airport Performance Service (Operational Steering Board – OSB)	ST planning & Exec. phase		<Validated>	For planning and management	REQ-06.02-DOD-6200.0081<Partial>;	
ER-06.05.04-OSED-MET2.0021	Surface Temperature	MET	AOP	Actual & (at least one) predicted Surface Temperature on all TDZ and (at least one) predicted Surface Temperature representing the runways The accuracy of the Surface Temperature shall be 0.1°C Actual [°C] and forecast [°C] & [%] probability above/below determined thresholds. Threshold(s) set by the Steer Airport Performance Service (Operational Steering Board – OSB)	ST planning & Exec. phase		<Validated>	For planning and management	REQ-06.02-DOD-6200.0081<Partial>;	
ER-06.05.04-OSED-MET2.0022	Relative Humidity	MET	AOP	Actual & predicted relative humidity Actual [°C] and forecast [°C] & [%] probability above/below determined thresholds. Threshold(s) set by the Steer Airport Performance Service (Operational Steering Board – OSB)	ST planning & Exec. phase		<Validated>	For planning and management	REQ-06.02-DOD-6200.0081<Partial>;	

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Identifier	Name	Issuer	Intended Addressees	Information Element	Involved Operational Activities	Interaction Rules and Policy	Status	Rationale	Satisfied DOD Requirement Identifier	Service Identifier
ER-06.05.04-OSED-MET2.0023	Precipitation observations	MET	AOP	Actual & predicted precipitation observations, Actual: • type of precipitation [rain, snow, freezing rain, showers] • qualitative intensity of precipitation [light/moderate/heavy] • quantitative precipitation intensity in [mm/h] where available Forecast: • type of precipitation [rain, snow, freezing rain, showers], • qualitative intensity of precipitation [light/moderate/heavy], • time of begin and duration of precipitation [hh:mm] • amount of precipitation [mm]/amount of snow[cm]	ST planning & Exec. phase		<Validated>	For planning and management	REQ-06.02-DOD-6200.0081<Partial>;	
ER-06.05.04-OSED-MET2.0024	Occurrence of liquid precipitation, snowfall, freezing precipitation	MET	AOP	Probability & prediction of occurrence of liquid precipitation, snowfall, freezing precipitation Forecast & [%] probability of occurrence & [%] probabilities for predicted precipitation intensity above/below determined thresholds. Threshold(s) set by the Steer Airport Performance Service (Operational Steering Board – OSB)	ST planning & Exec. phase		<Validated>	For planning and management	REQ-06.02-DOD-6200.0081<Partial>;	

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Identifier	Name	Issuer	Intended Addressees	Information Element	Involved Operational Activities	Interaction Rules and Policy	Status	Rationale	Satisfied DOD Requirement Identifier	Service Identifier
ER-06.05.04-OSED-MET2.0025	Thunderstorm/CB cell activity/lightning data	MET	AOP	Actual and predicted thunderstorm / CB cell activity / lightning data within a locally defined area (default value 120 miles radius around the airport), including type and alignment of thunderstorm/CB activity [isolated /.../ frequent / squall line], intensity of thunderstorm / CB cell/precipitation activity [light/moderate/heavy/rain/hail] and movement of CB cell activity (speed and direction) Forecast & [%] probability of forecasted thunderstorm occurrence at the aerodrome & [%] probabilities of forecasted thunderstorm occurrence in locally defined areas around the aerodrome & [%] probabilities of thunderstorm duration at the aerodrome above/below determined thresholds & [%] probabilities of thunderstorm duration at the aerodrome above/below determined thresholds. Threshold(s) set by the Steer Airport Performance Service (Operational Steering Board – OSB)	ST planning & Exec. phase		<Validated>	For planning and management	REQ-06.02-DOD-6200.0081<Partial>;	
ER-06.05.04-OSED-MET2.0026	Turbulence situation	MET	AOP	Actual and predicted turbulence situation on final approach for each runway in use. Actual and Forecast & [%] probability below/above determined thresholds. Threshold(s) set by the Steer Airport Performance Service (Operational Steering Board – OSB)	ST planning & Exec. phase		<Validated>	For planning and management	REQ-06.02-DOD-6200.0081<Partial>;	
ER-06.05.04-OSED-MET2.0027	Wind shear	MET	AOP	Actual and predicted wind shear situation on final approach for each runway in use Actual and Forecast & [%] probability below/above determined thresholds. Threshold(s) set by the Steer Airport Performance Service (Operational Steering Board – OSB)	ST planning & Exec. phase		<Validated>	For planning and management	REQ-06.02-DOD-6200.0081<Partial>;	

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Identifier	Name	Issuer	Intended Addressees	Information Element	Involved Operational Activities	Interaction Rules and Policy	Status	Rationale	Satisfied DOD Requirement Identifier	Service Identifier
ER-06.05.04-OSED-MET2.0028	Occurrence and magnitude of low level temperature inversions	MET	AOP	Actual and predicted occurrence and magnitude of low level temperature inversions above determined thresholds Actual and Forecast & [%] probability of forecasted occurrence below/above determined thresholds. Threshold(s) set by the Steer Airport Performance Service (Operational Steering Board – OSB)	ST planning & Exec. phase		<Validated>	For planning and management	REQ-06.02-DOD-6200.0081<Partial>;	
ER-06.05.04-OSED-MET2.0029	Runway contaminants	MET	AOP	Information regarding type and depth of runway contaminants Actual	ST planning & Exec. phase		<Validated>	For planning and management	REQ-06.02-DOD-6200.0081<Partial>;	
ER-06.05.04-OSED-MET2.0030	Present weather elements	MET	AOP; NOP	Actual and forecasted present weather elements (other than previously stated; e.g. blowing snow, blowing sand, volcanic ash, freezing fog...) including intensity of present weather; compliant with ICAO Annex 3 to the Convention on International Civil Aviation: "Meteorological Service for International Air Navigation (17th Edition) AMD 76" Actual and Forecast & [%] probability of forecasted occurrence of • blowing snow • blowing sand • Freezing Fog • sand storm • volcanic ash • Funnel Cloud (Tornado/ Water Spout) set by the steer airport performance service	ST planning & Exec. phase		<Validated>	For planning and management	REQ-06.02-DOD-6200.0081<Partial>;	

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1.9.4.3 MET Parameters – Derived Parameters

[IER]

Identifier	Name	Issuer	Intended Addressees	Information Element	Involved Operational Activities	Interaction Rules and Policy	Status	Rationale	Satisfied DOD Requirement Identifier	Service Identifier
ER-06.05.04-OSED-MET3.0001	Adverse weather	MET	AOP; NOP	Immediate information about the occurrence and the severity level of any actual adverse weather condition at the airport Actual & Forecast & [%] probability of occurrence & [%] probabilities for severity classes To be exchanged in combination with: Airport ID	ST planning & Exec. phase	*Available to the NOP through the AOP*	<Validated>	For planning and management	REQ-06.02-DOD-6200.0081<Partial>;	
ER-06.05.04-OSED-MET3.0002	De-Icing	MET	AOP; NOP	Actual and predicted de-icing conditions (no de-icing/light/moderate/severe/ adverse) with an update rate of 30 minutes Actual and Forecast & [%] probability above/below determined thresholds. Threshold(s) set by the Steer Airport Performance Service (Operational Steering Board – OSB) To be exchanged in combination with: Airport ID	ST planning & Exec. phase	*Available to the NOP through the AOP*	<Validated>	For planning and management	REQ-06.02-DOD-6200.0081<Partial>;	
ER-06.05.04-OSED-MET3.0003	Electrical storm warnings	MET	AOP; NOP	Electrical storm warnings as defined by the Steer Airport Performance Service	ST planning & Exec. phase	*Available to the NOP through the AOP*	<Validated>	For planning and management	REQ-06.02-DOD-6200.0081<Partial>;	
ER-06.05.04-OSED-MET3.0004	LVP conditions	MET	AOP; NOP	Actual and predicted VP conditions (No AWO, CAT I, CAT II, .) Actual and Forecast & [%] probability above/below determined threshold (e.g. CAT II)s. Threshold(s) set by the Steer Airport Performance Service (Operational Steering Board – OSB)	ST planning & Exec. phase	*Available to the NOP through the AOP*	<Validated>	For planning and management	REQ-06.02-DOD-6200.0081<Partial>;	

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1.9.5 IER's related to Performance Monitoring

1.9.5.1 Performance section (Aircraft Process Monitor)

[IER]

Identifier	Name	Issuer	Intended Addressees	Information Element	Involved Operational Activities	Interaction Rules and Policy	Status	Rationale	Satisfied DOD Requirement Identifier	Service Identifier
ER-06.05.04-OSED-PERF.0101	Operational Arrival Demand	AOP monitor	AOP	Total arrival demand as known by the airport based on up to date flight information. (for pre-defined time frames)	ST planning & Exec. phase		<Validated>	For coordination with AOC and NOP, short term planning and performance decision making	REQ-06.02-DOD-6200.0084<Partial>	
ER-06.05.04-OSED-PERF.0102	Operational Departure Demand	AOP monitor	AOP	Total departure demand as known by the airport based on all up to date flight information. (for pre-defined time frames)	ST planning & Exec. phase		<Validated>	For coordination with AOC and NOP, short term planning and performance decision making	REQ-06.02-DOD-6200.0084<Partial>	
ER-06.05.04-OSED-PERF.0103	Apron Stand Shortage	AOP monitor	AOP	Aircraft Stand Shortage Number of requested aircraft stands – number of available aircraft stands (for pre-defined time frames)	ST planning & Exec. phase		<Validated>	For Performance Monitoring (KPI) purposes For Post Operations Analysis purposes	REQ-06.02-DOD-6200.0084<Partial>	
ER-06.05.04-OSED-PERF.0104	Air Holding	AOP monitor	AOP	Time spent in the holding stack for inbound flights (for pre-defined time frames). Actual stack entry time versus actual stack exit time	ST planning & Exec. phase		<Validated>	For Performance Monitoring (KPI) purposes For Post Operations Analysis purposes	REQ-06.02-DOD-6200.0084<Partial>	
ER-06.05.04-OSED-PERF.0105	Arrival Capacity Shortage	AOP monitor	AOP	Arrival Capacity shortage Available Arrival Capacity – Arrival Demand (for pre-defined time frames)	ST planning & Exec. phase		<Validated>	For Performance Monitoring (KPI) purposes For Post Operations Analysis purposes	REQ-06.02-DOD-6200.0084<Partial>	
ER-06.05.04-OSED-PERF.0106	Arrival Flight Delay per flight	AOP monitor	AOP	Arrival Flight Delay per flight flight delay for each inbound flight A BT versus SIBT E BT versus SIBT (forecast)	ST planning & Exec. phase		<Validated>	For Performance Monitoring (KPI) purposes For Post Operations Analysis purposes	REQ-06.02-DOD-6200.0084<Partial>	
ER-06.05.04-OSED-PERF.0107	Arrival Flight Delay average	AOP monitor	AOP	Average Arrival Flight Delay average flight delay for all inbound flight within pre-defined time frames A BT versus SIBT E BT versus SIBT (forecast)	ST planning & Exec. phase		<Validated>	For Performance Monitoring (KPI) purposes For Post Operations Analysis purposes	REQ-06.02-DOD-6200.0084<Partial>	
ER-06.05.04-OSED-PERF.0108	Arrival Flight Punctuality	AOP monitor	AOP	Percentage of inbound flights with an Arrival Flight Delay less than X minutes (for pre-defined timeframes) A BT versus SIBT E BT versus SIBT (forecast)	ST planning & Exec. phase		<Validated>	For Performance Monitoring (KPI) purposes For Post Operations Analysis purposes	REQ-06.02-DOD-6200.0084<Partial>	

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Identifier	Name	Issuer	Intended Addressees	Information Element	Involved Operational Activities	Interaction Rules and Policy	Status	Rationale	Satisfied DOD Requirement Identifier	Service Identifier
ER-06.05.04-OSED-PERF.0109	Departure Capacity Shortage	AOP monitor	AOP	Departure Capacity Shortage Available Departure Capacity – Departure Demand (for pre-defined time frames)	ST planning & Exec. phase		<Validated>	For Performance Monitoring (KPI) purposes For Post Operations Analysis purposes	REQ-06.02-DOD-6200.0084<Partial>	
ER-06.05.04-OSED-PERF.0110	Departure Flight Delay per flight	AOP monitor	AOP	Departure Flight Delay per flight flight delay for each outbound flight AOBT versus SOBT (actual) TOBT versus SOBT (forecast)	ST planning & Exec. phase		<Validated>	For Performance Monitoring (KPI) purposes For Post Operations Analysis purposes	REQ-06.02-DOD-6200.0084<Partial>	
ER-06.05.04-OSED-PERF.0111	Departure Flight Delay average	AOP monitor	AOP	Average Departure Flight Delay average flight delay per outbound flight within pre-defined time frames AOBT versus SOBT (actual) TOBT versus SOBT (forecast)	ST planning & Exec. phase		<Validated>	For Performance Monitoring (KPI) purposes For Post Operations Analysis purposes	REQ-06.02-DOD-6200.0084<Partial>	
ER-06.05.04-OSED-PERF.0112	Departure Flight Punctuality	AOP monitor	AOP	Percentage of outbound flights with a Departure Flight Delay of less than X minutes (for pre-defined timeframes) AOBT versus SOBT (actual) TOBT versus SOBT (forecast)	ST planning & Exec. phase		<Validated>	For Performance Monitoring (KPI) purposes For Post Operations Analysis purposes	REQ-06.02-DOD-6200.0084<Partial>	
ER-06.05.04-OSED-PERF.0113	Ground Movement Capacity Shortage (Taxi-in)	AOP monitor	AOP	Ground Movement Capacity Shortage (Taxi-in) Available Ground Movement Capacity (Taxi-in) – Ground Movement (Taxi-in) Demand (for pre-defined time frames)	ST planning & Exec. phase		<Validated>	For Performance Monitoring (KPI) purposes For Post Operations Analysis purposes	REQ-06.02-DOD-6200.0084<Partial>	
ER-06.05.04-OSED-PERF.0114	Ground Movement Delay per flight (Taxi-In)	AOP monitor	AOP	Ground Movement Delay per flight (Taxi-In) ground movement delay for each inbound flight.	ST planning & Exec. phase		<Validated>	For Performance Monitoring (KPI) purposes For Post Operations Analysis purposes	REQ-06.02-DOD-6200.0084<Partial>	
ER-06.05.04-OSED-PERF.0115	Ground Movement Delay average (Taxi-In)	AOP monitor	AOP	Average Ground Movement Delay (Taxi-In) average ground movement delay per inbound flight within pre-defined time frames	ST planning & Exec. phase		<Validated>	For Performance Monitoring (KPI) purposes For Post Operations Analysis purposes	REQ-06.02-DOD-6200.0084<Partial>	
ER-06.05.04-OSED-PERF.0116	Ground Movement Delay per flight (Taxi-Out)	AOP monitor	AOP	Ground Movement Delay per flight (Taxi-out) ground movement delay for each outbound flight.	ST planning & Exec. phase		<Validated>	For Performance Monitoring (KPI) purposes For Post Operations Analysis purposes	REQ-06.02-DOD-6200.0084<Partial>	

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Identifier	Name	Issuer	Intended Addressees	Information Element	Involved Operational Activities	Interaction Rules and Policy	Status	Rationale	Satisfied DOD Requirement Identifier	Service Identifier
ER-06.05.04-OSED-PERF.0117	Ground Movement Capacity Shortage (Taxi-out)	AOP monitor	AOP	Ground Movement Capacity Shortage (Taxi-out) Available Ground Movement Capacity (Taxi-out) – Ground Movement (Taxi-out) Demand (for pre-defined time frames)	ST planning & Exec. phase		<Validated>	For Performance Monitoring (KPI) purposes For Post Operations Analysis purposes	REQ-06.02-DOD-6200.0084<Partial>	
ER-06.05.04-OSED-PERF.0118	Ground Movement Delay average (Taxi-Out)	AOP monitor	AOP	Average Ground Movement Delay (Taxi-Out) average ground movement delay per outbound flight within pre-defined time frames	ST planning & Exec. phase		<Validated>	For Performance Monitoring (KPI) purposes For Post Operations Analysis purposes	REQ-06.02-DOD-6200.0084<Partial>	
ER-06.05.04-OSED-PERF.0119	Knock-on Effect: A/C changes	AOP monitor	AOP	Knock-on Effect: A/C changes Number of planned ATVs with a changed outbound BT (within pre-defined time frames)	ST planning & Exec. phase		<Validated>	For Performance Monitoring (KPI) purposes For Post Operations Analysis purposes	REQ-06.02-DOD-6200.0084<Partial>	
ER-06.05.04-OSED-PERF.0120	Knock-on Effect: Flight Cancellations	AOP monitor	AOP	Knock-on Effect: Flight Cancellations Number of cancelled BT's (flights) (within pre-defined time frames)	ST planning & Exec. phase		<Validated>	For Performance Monitoring (KPI) purposes For Post Operations Analysis purposes	REQ-06.02-DOD-6200.0084<Partial>	
ER-06.05.04-OSED-PERF.0121	Landing Capacity Shortage	AOP monitor	AOP	Landing (runway) Capacity shortage Available Landing (runway) Capacity – Landing (runway) Demand (for pre-defined time frames)	ST planning & Exec. phase		<Validated>	For Performance Monitoring (KPI) purposes For Post Operations Analysis purposes	REQ-06.02-DOD-6200.0084<Partial>	
ER-06.05.04-OSED-PERF.0122	Landing Delay per flight	AOP monitor	AOP	Landing Delay per flight Landing delay for each inbound flight ALDT versus ELDT	ST planning & Exec. phase		<Validated>	For Performance Monitoring (KPI) purposes For Post Operations Analysis purposes	REQ-06.02-DOD-6200.0084<Partial>	
ER-06.05.04-OSED-PERF.0123	Landing Delay average	AOP monitor	AOP	Average Landing Delay average landing delay per inbound flight within pre-defined time frames ALDT versus ELDT	ST planning & Exec. phase		<Validated>	For Performance Monitoring (KPI) purposes For Post Operations Analysis purposes	REQ-06.02-DOD-6200.0084<Partial>	
ER-06.05.04-OSED-PERF.0124	Landing Punctuality	AOP monitor	AOP	Percentage of inbound flights with a Landing delay less than X minutes (per pre-defined time frame) ALDT versus ELDT	ST planning & Exec. phase		<Validated>	For Performance Monitoring (KPI) purposes For Post Operations Analysis purposes	REQ-06.02-DOD-6200.0084<Partial>	
ER-06.05.04-OSED-PERF.0125	Take-Off Capacity Shortage	AOP monitor	AOP	Take-Off (runway) Capacity shortage Available Take-Off (runway) Capacity – Take-Off (runway) Demand (for pre-defined time frames)	ST planning & Exec. phase		<Validated>	For Performance Monitoring (KPI) purposes For Post Operations Analysis purposes	REQ-06.02-DOD-6200.0084<Partial>	

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Identifier	Name	Issuer	Intended Addressees	Information Element	Involved Operational Activities	Interaction Rules and Policy	Status	Rationale	Satisfied DOD Requirement Identifier	Service Identifier
ER-06.05.04-OSED-PERF.0126	Take-Off Delay per flight	AOP monitor	AOP	Take-Off Delay per flight Take-Off delay for each outbound flight ATOT versus TTOT	ST planning & Exec. phase		<Validated>	For Performance Monitoring (KPI) purposes For Post Operations Analysis purposes	REQ-06.02-DOD-6200.0084<Partial>	
ER-06.05.04-OSED-PERF.0127	Take-Off Delay average	AOP monitor	AOP	Average Take-Off Delay average Take-Off delay per outbound flight within pre-defined time frames ATOT versus TTOT	ST planning & Exec. phase		<Validated>	For Performance Monitoring (KPI) purposes For Post Operations Analysis purposes	REQ-06.02-DOD-6200.0084<Partial>	
ER-06.05.04-OSED-PERF.0128	Take-Off Punctuality	AOP monitor	AOP	Percentage of outbound flights with a Take-Off delay less than X minutes (per pre-defined time frame) ATOT versus TTOT	ST planning & Exec. phase		<Validated>	For Performance Monitoring (KPI) purposes For Post Operations Analysis purposes	REQ-06.02-DOD-6200.0084<Partial>	
ER-06.05.04-OSED-PERF.0129	TMA Capacity Shortage	AOP monitor	AOP	TMA Capacity shortage Available TMA Capacity – Demanded TMA capacity (for pre-defined time periods)	ST planning & Exec. phase		<Validated>	For Monitoring and Post Operations Analysis purposes	REQ-06.02-DOD-6200.0084<Partial>	
ER-06.05.04-OSED-PERF.0130	Apron Turnaround Delay	AOP monitor	AOP	Apron Turnaround Delay per ATV Apron turnaround for each ATV ATTT versus ETTT	ST planning & Exec. phase		<Validated>	For Monitoring and Post Operations Analysis purpose	REQ-06.02-DOD-6200.0084<Partial>	
ER-06.05.04-OSED-PERF.0131	Apron Turnaround Delay average	AOP monitor	AOP	Average Apron Turnaround Delay average Apron turnaround per ATV within pre-defined time frames ATTT versus ETTT	ST planning & Exec. phase		<Validated>	For Monitoring and Post Operations Analysis purpose	REQ-06.02-DOD-6200.0084<Partial>	
ER-06.05.04-OSED-PERF.0201	Apron Efficiency	AOP monitor	AOP	Ratio of used aircraft stands versus available aircraft stands (for pre-defined time frames)	Post Flight Phase		<Validated>	For Post Operations Analysis purposes	REQ-06.02-DOD-6200.0084<Partial>	
ER-06.05.04-OSED-PERF.0202	Runway Efficiency	AOP monitor	AOP	Ratio of used runway capacity (actual number of movements) versus available runway capacity (within a predefined time frame) Provided for landings/take-off and for different operating conditions	Post Flight Phase	Transmission rules - Interaction frequency :<ad hoc>	<Validated>	For Post Operations Analysis purposes	REQ-06.02-DOD-6200.0084<Partial>	
ER-06.05.04-OSED-PERF.0203	Turnaround Predictability	AOP monitor	AOP	Turnaround Predictability Accuracy of planned and estimated/target turnaround times versus actual achieved turnaround times. (for pre-defined time frames) ATTT versus MTTT (RBT) / STTT (SBT)	Post Flight Phase		<Validated>	For Post Operations Analysis purposes	REQ-06.02-DOD-6200.0084<Partial>	

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Identifier	Name	Issuer	Intended Addressees	Information Element	Involved Operational Activities	Interaction Rules and Policy	Status	Rationale	Satisfied DOD Requirement Identifier	Service Identifier
ER-06.05.04-OSED-PERF.0204	Arrival Predictability	AOP monitor	AOP	Arrival Predictability Accuracy of planned and estimated arrival timestamps actual achieved arrivals timestamps. (for pre-defined time frames) ALDT versus ELDT (RBT) / SLDT (SBT) AIBT versus EIBT (RBT) / SIBT (SBT)	Post Flight Phase		<Validated>	For Post Operations Analysis purposes	REQ-06.02-DOD-6200.0084<Partial>	
ER-06.05.04-OSED-PERF.0205	Departure Predictability	AOP monitor	AOP	Departure Predictability Accuracy of planned and estimated/target departure timestamps actual achieved arrivals timestamps. (for pre-defined time frames) ATOT versus TTOT (RBT) / STOT (SBT) AOBT versus TOBT (RBT) / SOBT (SBT)	Post Flight Phase		<Validated>	For Post Operations Analysis purposes	REQ-06.02-DOD-6200.0084<Partial>	
ER-06.05.04-OSED-PERF.0206	CTOT Compliance	AOP monitor	AOP	% of flights where ATOT is within -5min/=10 min of the CTOT (for pre-defined time frames)	Post Flight Phase	Transmission rules - Interaction frequency :<ad hoc>	<Validated>	For Post Operations Analysis purposes	REQ-06.02-DOD-6200.0084<Partial>	
ER-06.05.04-OSED-PERF.0207	Arrival Separation	AMAN	AOP	measure for arrival spacing efficiency Actual Landing Spacing versus minimum required Landing Separation (for pre-defined time frames)	Post Flight Phase		<Validated>	For Post Operations Analysis purposes	REQ-06.02-DOD-6200.0084<Partial>	
ER-06.05.04-OSED-PERF.0208	Departure Separation	DMAN	AOP	measure for departure spacing efficiency Actual Departure Spacing versus minimum required Departure Separation (for pre-defined time frames)	Post Flight Phase		<Validated>	For Post Operations Analysis purposes	REQ-06.02-DOD-6200.0084<Partial>	
ER-06.05.04-OSED-PERF.0209	S D Loading	AOP monitor	AOP	No. of flights counted for each SID (for pre-defined time frames) Actual count of flights per SID based on STOT or TTOT when available)	ST planning & Exec. phase		<Validated>	For Monitoring and Post Operations Analysis purpose	REQ-06.02-DOD-6200.0084<Partial>	
ER-06.05.04-OSED-PERF.0210	STAR loading	AOP monitor	AOP	No. of flights counted for each STAR (for pre-defined time frames) Actual count of flights per STAR, based on SLDT or ELDT when available)	ST planning & Exec. phase		<Validated>	For Monitoring and Post Operations Analysis purpose	REQ-06.02-DOD-6200.0084<Partial>	

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1.9.5.2 Performance Section (Passenger Process Monitor)

[IER]

Identifier	Name	Issuer	Intended Addressees	Information Element	Involved Operational Activities	Interaction Rules and Policy	Status	Rationale	Satisfied DOD Requirement Identifier	Service Identifier
ER-06.05.04-OSED-PERF.0501	Border Control Waiting Time	AOP monitor	AOP	Actual Queue waiting time for Border Control	ST planning & Exec. phase		<Validated>	For planning and management	REQ-06.02-DOD-6200.0084<Partial>	
ER-06.05.04-OSED-PERF.0502	Border Control Capacity Imbalance	AOP monitor	AOP	Border Control Throughput Capacity Shortage Available throughput – requested (demand) throughput for pre-defined time frames	ST planning & Exec. phase		<Validated>	For planning and management	REQ-06.02-DOD-6200.0084<Partial>	
ER-06.05.04-OSED-PERF.0503	Security Control Waiting Time	AOP monitor	AOP	Actual Queue waiting time for Security Control	ST planning & Exec. phase		<Validated>	For planning and management	REQ-06.02-DOD-6200.0084<Partial>	
ER-06.05.04-OSED-PERF.0504	Security Control Capacity Imbalance	AOP monitor	AOP	Security Control Throughput Capacity Shortage Available throughput – requested (demand) throughput for pre-defined time frames	ST planning & Exec. phase		<Validated>	For planning and management	REQ-06.02-DOD-6200.0084<Partial>	
ER-06.05.04-OSED-PERF.0505	Passenger Border Control Flow	AOP monitor	AO; Relevant AOC; Relevant GH	Percentage of passengers that has not passed Border Control at TOBT minus X minutes is less than pre-defined threshold(s)	ST planning & Exec. phase	Policy - Confidentiality : <Restricted>	<Validated>	For planning and management Value for X to be defined locally or made variable	REQ-06.02-DOD-6200.0084<Partial>	
ER-06.05.04-OSED-PERF.0506	Passenger Security Control Flow	AOP monitor	AO; Relevant AOC; Relevant GH	Percentage of passengers that has not passed Security Control at TOBT minus X minutes is less than pre-defined threshold(s)	ST planning & Exec. phase	Policy - Confidentiality : <Restricted>	<Validated>	For planning and management Value for X to be defined locally or made variable	REQ-06.02-DOD-6200.0084<Partial>	
ER-06.05.04-OSED-PERF.0507	Walking time to connecting flight	AOP monitor	AO; Relevant AOC; Relevant GH	Alert / warning when walking time to connecting flight exceeds the actual available connecting time.	ST planning & Exec. phase	Policy - Confidentiality : <Restricted>	<Validated>	For planning and management	REQ-06.02-DOD-6200.0084<Partial>	

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1.9.5.3 Alerts & Warnings (Aircraft Process Monitor)

[IER]

Identifier	Name	Issuer	Intended Addressees	Information Element	Involved Operational Activities	Interaction Rules and Policy	Status	Rationale	Satisfied DOD Requirement Identifier	Service Identifier
ER-06.05.04-OSED-ALRT 0001	Alert / warning – aircraft stand shortage	AOP monitor	AOP	Alert / Warning when Aircraft Stand Shortage exceeds pre-defined threshold(s) (for any pre-defined time frame between now and X hours ahead) AlertID, FlightID, Alertcontent	ST planning & Exec. phase		<Validated>	For planning and management	REQ-06.02-DOD-6200.0084<Partial>	
ER-06.05.04-OSED-ALRT 0002	Alert / warning – Arrival capacity shortage	AOP monitor	AOP	Alert / warning when arrival capacity shortage exceeds pre-defined threshold(s) (for any pre-defined tome frame between now and X hours ahead) AlertID, FlightID, Alertcontent	ST planning & Exec. phase		<Validated>	For planning and management	REQ-06.02-DOD-6200.0084<Partial>	
ER-06.05.04-OSED-ALRT 0003	Alert / warning – Departure capacity shortage	AOP monitor	AOP	Alert / warning when departure capacity shortage exceeds pre-defined threshold(s) (for any pre-defined tome frame between now and X hours ahead) AlertID, FlightID, Alertcontent	ST planning & Exec. phase		<Validated>	For planning and management	REQ-06.02-DOD-6200.0084<Partial>	
ER-06.05.04-OSED-ALRT 0004	Alert / warning – Landing (runway) capacity shortage	AOP monitor	AOP	Alert / warning when landing (runway) capacity shortage exceeds pre-defined threshold(s) (for any pre-defined tome frame between now and X hours ahead) AlertID, FlightID, Alertcontent	ST planning & Exec. phase		<Validated>	For planning and management	REQ-06.02-DOD-6200.0084<Partial>	
ER-06.05.04-OSED-ALRT 0005	Alert / warning – Take-Off (runway) capacity shortage	AOP monitor	AOP	Alert / warning when Take-Off (runway) capacity shortage exceeds pre-defined threshold(s) (for any pre-defined tome frame between now and X hours ahead) AlertID, FlightID, Alertcontent	ST planning & Exec. phase		<Validated>	For planning and management	REQ-06.02-DOD-6200.0084<Partial>	

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Identifier	Name	Issuer	Intended Addressees	Information Element	Involved Operational Activities	Interaction Rules and Policy	Status	Rationale	Satisfied DOD Requirement Identifier	Service Identifier
ER-06.05.04-OSED-ALRT 0006	Alert / warning – Ground Movement (Taxi-in) Capacity shortage	AOP monitor	AOP	Alert / warning when Ground Movement (Taxi-in) capacity shortage exceeds pre-defined threshold(s) (for any pre-defined tome frame between now and X hours ahead) AlertID, FlightID, Alertcontent	ST planning & Exec. phase		<Validated>	For planning and management	REQ-06.02-DOD-6200.0084<Partial>	
ER-06.05.04-OSED-ALRT 0007	Alert / warning – Ground Movement (Taxi-out) capacity shortage	AOP monitor	AOP	Alert / warning when Ground Movement (taxi-out) capacity shortage exceeds pre-defined threshold(s) (for any pre-defined tome frame between now and X hours ahead) AlertID, FlightID, Alertcontent	ST planning & Exec. phase		<Validated>	For planning and management	REQ-06.02-DOD-6200.0084<Partial>	
ER-06.05.04-OSED-ALRT 0008	Alert / warning – TMA capacity shortage	AOP monitor	AOP	Alert / warning when TMA capacity shortage exceeds pre-defined threshold(s) (for any pre-defined tome frame between now and X hours ahead) AlertID, FlightID, Alertcontent	ST planning & Exec. phase		<Validated>	For planning and management	REQ-06.02-DOD-6200.0084<Partial>	
ER-06.05.04-OSED-ALRT 0009	Alert / warning – Arrival Flight Delay	AOP monitor	AOP	Alert/ warning when Arrival Flight Delay exceeds a pre-defined threshold(s) AlertID, FlightID, Alertcontent	ST planning & Exec. phase		<Validated>	For planning and management	REQ-06.02-DOD-6200.0084<Partial>	
ER-06.05.04-OSED-ALRT 0010	Alert / warning – Average Arrival Flight Delay	AOP monitor	AOP	Alert / warning when average Arrival Flight Delay exceeds a pre-defined threshold(s) (for any pre-defined tome frame between now and X hours ahead) AlertID, FlightID, Alertcontent	ST planning & Exec. phase		<Validated>	For planning and management	REQ-06.02-DOD-6200.0084<Partial>	
ER-06.05.04-OSED-ALRT 0011	Alert / warning – Arrival Flight punctuality	AOP monitor	AOP	Alert / warning when Arrival Flight punctuality exceeds pre-defined threshold(s) (for any pre-defined tome frame between now and X hours ahead) AlertID, FlightID, Alertcontent	ST planning & Exec. phase		<Validated>	For planning and management	REQ-06.02-DOD-6200.0084<Partial>	
ER-06.05.04-OSED-ALRT 0012	Alert / warning – Departure Flight Delay	AOP monitor	AOP	Alert / warning when Departure Flight Delay exceeds pre-defined threshold(s) AlertID, FlightID, Alertcontent	ST planning & Exec. phase		<Validated>	For planning and management	REQ-06.02-DOD-6200.0084<Partial>	

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Identifier	Name	Issuer	Intended Addressees	Information Element	Involved Operational Activities	Interaction Rules and Policy	Status	Rationale	Satisfied DOD Requirement Identifier	Service Identifier
ER-06.05.04-OSED-ALRT 0013	Alert / warning – Average Departure Flight Delay	AOP monitor	AOP	Alert / warning when average Departure Flight Delay exceeds pre-defined threshold(s) (for any pre-defined time frame between now and X hours ahead) AlertID, FlightID, Alertcontent	ST planning & Exec. phase		<Validated>	For planning and management	REQ-06.02-DOD-6200.0084<Partial>	
ER-06.05.04-OSED-ALRT 0014	Alert / warning – Departure Flight punctuality	AOP monitor	AOP	Alert / warning when Departure Flight punctuality exceeds pre-defined threshold(s) (for any pre-defined time frame between now and X hours ahead) AlertID, FlightID, Alertcontent	ST planning & Exec. phase		<Validated>	For planning and management	REQ-06.02-DOD-6200.0084<Partial>	
ER-06.05.04-OSED-ALRT 0015	Alert / warning – Landing Delay	AOP monitor	AOP	Alert / warning when Landing Delay exceeds a pre-defined threshold(s) AlertID, FlightID, Alertcontent	ST planning & Exec. phase		<Validated>	For planning and management	REQ-06.02-DOD-6200.0084<Partial>	
ER-06.05.04-OSED-ALRT 0016	Alert / warning – Average Landing Delay	AOP monitor	AOP	Alert / warning when average Landing Delay exceeds a pre-defined threshold(s) (for any pre-defined time frame between now and X hours ahead) AlertID, FlightID, Alertcontent	ST planning & Exec. phase		<Validated>	For planning and management	REQ-06.02-DOD-6200.0084<Partial>	
ER-06.05.04-OSED-ALRT 0017	Alert / warning – Landing punctuality	AOP monitor	AOP	Alert / warning when Landing punctuality exceeds pre-defined threshold(s) (for any pre-defined time frame between now and X hours ahead) AlertID FlightID Alertcontent	ST planning & Exec. phase		<Validated>	For planning and management	REQ-06.02-DOD-6200.0084<Partial>	
ER-06.05.04-OSED-ALRT 0018	Alert / warning – Take-Off Delay	AOP monitor	AOP	Alert / warning when Take-Off Delay exceeds pre-defined threshold(s) AlertID, FlightID, Alertcontent	ST planning & Exec. phase		<Validated>	For planning and management	REQ-06.02-DOD-6200.0084<Partial>	
ER-06.05.04-OSED-ALRT 0019	Alert / warning – Average Take-Off Delay	AOP monitor	AOP	Alert / warning when average Take-Off Delay exceeds pre-defined threshold(s) (for any pre-defined time frame between now and X hours ahead) AlertID, FlightID, Alertcontent	ST planning & Exec. phase		<Validated>	For planning and management	REQ-06.02-DOD-6200.0084<Partial>	

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Identifier	Name	Issuer	Intended Addressees	Information Element	Involved Operational Activities	Interaction Rules and Policy	Status	Rationale	Satisfied DOD Requirement Identifier	Service Identifier
ER-06.05.04-OSED-ALRT 0020	Alert / warning – Take-Off punctuality	AOP monitor	AOP	Alert / warning when Take-Off punctuality exceeds pre-defined threshold(s) (for any pre-defined time frame between now and X hours ahead) AlertID, FlightID, Alertcontent	ST planning & Exec. phase		<Validated>	For planning and management	REQ-06.02-DOD-6200.0084<Partial>	
ER-06.05.04-OSED-ALRT 0021	Alert / warning – Average ground movement delay (taxi-in)	AOP monitor	AOP	Alert / warning when average ground movement delay (taxi-in) exceeds pre-defined threshold(s) (for any pre-defined time frame between now and X hours ahead) AlertID, FlightID, Alertcontent	ST planning & Exec. phase		<Validated>	For planning and management	REQ-06.02-DOD-6200.0084<Partial>	
ER-06.05.04-OSED-ALRT 0022	Alert / warning – Average ground movement delay (taxi-out)	AOP monitor	AOP	Alert / warning when average ground movement delay (taxi-out) exceeds pre-defined threshold(s) (for any pre-defined time frame between now and X hours ahead) AlertID, FlightID, Alertcontent	ST planning & Exec. phase		<Validated>	For planning and management	REQ-06.02-DOD-6200.0084<Partial>	
ER-06.05.04-OSED-ALRT 0023	Alert / Warning – Apron Turnaround Delay	AOP monitor	AOP	Alert / warning when Apron Turnaround Delay exceeds pre-defined threshold(s) AlertID FlightID Alertcontent	ST planning & Exec. phase		<Validated>	For planning and management	REQ-06.02-DOD-6200.0084<Partial>	
ER-06.05.04-OSED-ALRT 0024	Alert / Warning – Average Apron Turnaround Delay	AOP monitor	AOP	Alert / warning when Average Apron Turnaround delay exceeds pre-defined threshold(s) (for any pre-defined time frame between now and X hours ahead) AlertID, FlightID, Alertcontent	ST planning & Exec. phase		<Validated>	For planning and management	REQ-06.02-DOD-6200.0084<Partial>	
ER-06.05.04-OSED-ALRT 0101	Alert - Stand conflict	AOP monitor	AOP	Alert when for a specific inbound flight the allocated stand is still occupied at ALDT of the specific inbound flight AlertID, FlightID, Alertcontent	Execution phase		<Validated>	For planning and management	REQ-06.02-DOD-6200.0084<Partial>	
ER-06.05.04-OSED-ALRT 0102	Alert - Airborne Status	AOP monitor	AOP	Alert when for a specific inbound flight is not airborne from origin at EIBT – x minutes. AlertID, FlightID, Alertcontent	ST planning & Exec. phase		<Validated>	For planning and management	REQ-06.02-DOD-6200.0084<Partial>	
ER-06.05.04-OSED-ALRT 0103	Alert - Take Off	AOP monitor	AOP	Alert when when for a specific outbound flight no ATOT at TTOT + x minutes AlertID, FlightID, Alertcontent	Execution phase		<Validated>	For planning and management	REQ-06.02-DOD-6200.0084<Partial>	

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Identifier	Name	Issuer	Intended Addressees	Information Element	Involved Operational Activities	Interaction Rules and Policy	Status	Rationale	Satisfied DOD Requirement Identifier	Service Identifier
ER-06.05.04-OSED-ALRT 0104	Alert - Passenger Boarding	AOP monitor	AOP	Alert when for a specific outbound flight at TOBT – x minutes the percentage of passengers through landside process (boarded) is less than a threshold given AlertID FlightID Alertcontent	Execution phase		<Validated>	For planning and management	REQ-06.02-DOD-6200.0084<Partial>	
ER-06.05.04-OSED-ALRT 0105	Alert / warning - Target Off-Block Time	AOP monitor	AOP	Alert / warning when for a specific outbound flight the number of TOBT updates for a specific flight exceeds pre-defined threshold(s) AlertID, FlightID, Alertcontent	Execution phase		<Validated>	For departure planning and management	REQ-06.02-DOD-6200.0084<Partial>	
ER-06.05.04-OSED-ALRT 0106	Alert - ASBT TOBT	AOP monitor	AOP	Alert when for a specific outbound flight no ASBT at TOBT – x minutes AlertID, FlightID, Alertcontent	Execution phase		<Validated>	For departure planning and management	REQ-06.02-DOD-6200.0084<Partial>	
ER-06.05.04-OSED-ALRT 0107	Alert – TSAT TOBT	AOP monitor	AOP	Alert when for a specific outbound flight no TSAT at TOBT – x minutes AlertID, FlightID, Alertcontent	Execution phase		<Validated>	For departure planning and management	REQ-06.02-DOD-6200.0084<Partial>	
ER-06.05.04-OSED-ALRT 0108	Alert - ASRT TSAT	AOP monitor	AOP	Alert when for a specific outbound flight no ASRT at TSAT - x minutes AlertID, FlightID, Alertcontent	Execution phase		<Validated>	For departure planning and management	REQ-06.02-DOD-6200.0084<Partial>	
ER-06.05.04-OSED-ALRT 0109	Alert - ASAT TSAT	AOP monitor	AOP	Alert when for a specific outbound flight no ASAT at TSAT - x minutes AlertID, FlightID, Alertcontent	Execution phase		<Validated>	For departure planning and management	REQ-06.02-DOD-6200.0084<Partial>	
ER-06.05.04-OSED-ALRT 0110	Warning – TOBT	AOP monitor	AOP	Warning when E BT + ETTT later than TOBT AlertID, FlightID, Alertcontent	Execution phase		<Validated>	For departure planning and management	REQ-06.02-DOD-6200.0084<Partial>	
ER-06.05.04-OSED-ALRT 0111	Alert – TOBT	AOP monitor	AOP	Alert when AIBT + ETTT later than TOBT AlertID, FlightID, Alertcontent	Execution phase		<Validated>	For departure planning and management	REQ-06.02-DOD-6200.0084<Partial>	
ER-06.05.04-OSED-ALRT 0112	Alert - TOBT EOBT	AOP monitor	AOP	Alert when for a specific outbound flight TOBT not within EOBT +/- 15' AlertID, FlightID, Alertcontent	Execution phase		<Validated>	For departure planning and management	REQ-06.02-DOD-6200.0084<Partial>	
ER-06.05.04-OSED-ALRT 0113	Alert / warning – Air Holding	AOP monitor	AOP	Alert / warning when for a specific inbound flight Air Holding exceeds pre –defined threshold(s) (e.g. 10 min, 20 min, 30 min) AlertID, FlightID, Alertcontent	Execution phase		<Validated>	For planning and management	REQ-06.02-DOD-6200.0084<Partial>	
ER-06.05.04-OSED-ALRT 0114	Alert – landing ROT	AOP monitor	AOP	Alert when for a specific inbound flights actual landing ROT exceeds target landing ROT with more than x% AlertID, FlightID, Alertcontent	Post Flight Phase		<Validated>	For Monitoring and Post Operations Analysis purposes	REQ-06.02-DOD-6200.0084<Partial>	

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Identifier	Name	Issuer	Intended Addressees	Information Element	Involved Operational Activities	Interaction Rules and Policy	Status	Rationale	Satisfied DOD Requirement Identifier	Service Identifier
ER-06.05.04-OSED-ALRT 0115	Alert – take-off ROT	AOP monitor	AOP	Alert when for a specific outbound flights actual take-off ROT exceeds target take-off ROT with more than x% AlertID, FlightID, Alertcontent	Post Flight Phase	Transmission rules - Interaction frequency :<ad hoc>	<Validated>	For Monitoring and Post Operations Analysis purposes	REQ-06.02-DOD-6200.0084<Partial>	
ER-06.05.04-OSED-ALRT 0117	Alert – Industrial action	AOP monitor	AOP	Alert for announced Industrial action within pre-defined time period AlertID, Alertcontent	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc>	<Validated>	For planning and management	REQ-06.02-DOD-6200.0084<Partial>	
ER-06.05.04-OSED-ALRT 0118	Alert – Failure technical systems	AOP monitor	AOP	Alert when technical failure at pre-defined airport systems. Alerts to be applied for: - LS failure - NAV (VOR/DME) failure - Ground lights\ - etc AlertID, Alertcontent	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc>	<Validated>	For planning and management	REQ-06.02-DOD-6200.0084<Partial>	
ER-06.05.04-OSED-ALRT 0119	Alert – AOBT TSAT	AOP monitor	AOP	Alert when for a specific outbound flight no AOBT-TSAT>x minutes AlertID, FlightID, Alertcontent	Execution phase		<Validated>	For departure planning and management	REQ-06.02-DOD-6200.0084<Partial>	
ER-06.05.04-OSED-ALRT 0120	Alert – Runway Capacity Change	AOP monitor	AOP monitor – DCB Tool	Alert when (manual) change in runway capacity compared to actual / existing runway capacity AlertID, Alertcontent	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc>	<Validated>	Trigger for initiation of a new DCB calculation to determine Performance and any DCB solution proposal if needed.	REQ-06.02-DOD-6200.0084<Partial>	
ER-06.05.04-OSED-ALRT 0121	Alert – Taxiway Capacity Change	AOP monitor	AOP monitor – DCB Tool	Alert when (manual) change in taxiway capacity compared to actual / existing Taxiway capacity AlertID, Alertcontent	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc>	<Validated>	Trigger for initiation of a new DCB calculation to determine Performance and any DCB solution proposal if needed.	REQ-06.02-DOD-6200.0084<Partial>	
ER-06.05.04-OSED-ALRT 0122	Alert – TMA capacity Change	AOP monitor	AOP monitor – DCB Tool	Alert when (manual) change in TMA capacity compared to actual / existing TMA capacity AlertID, Alertcontent	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc>	<Validated>	Trigger for initiation of a new DCB calculation to determine Performance and any DCB solution proposal if needed.	REQ-06.02-DOD-6200.0084<Partial>	
ER-06.05.04-OSED-ALRT 0123	Alert – Apron (Aircraft Stands) Capacity Change	AOP monitor	AOP monitor – DCB Tool	Alert when (manual) change in Apron (Aircraft Stand) capacity compared to actual / existing Apron (Aircraft Stand) capacity AlertID Alertcontent	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc>	<Validated>	Trigger for initiation of a new DCB calculation to determine Performance and any DCB solution proposal if needed.	REQ-06.02-DOD-6200.0084<Partial>	
ER-06.05.04-OSED-ALRT 0124	Alert / Warning – Meteorological conditions	AOP monitor; (MET)	MET	Alert / Warning for each MET parameter when threshold is exceeded. AlertID, Alertcontent	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc> Policy Confidentiality : <restricted>	<Validated>	Alert / warning to be checked and where necessary override (adjusted or deleted) by the MET service provider.	REQ-06.02-DOD-6200.0084<Partial>	

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Identifier	Name	Issuer	Intended Addressees	Information Element	Involved Operational Activities	Interaction Rules and Policy	Status	Rationale	Satisfied DOD Requirement Identifier	Service Identifier
ER-06.05.04-OSED-ALRT 0125	Alert / Warning – Meteorological conditions	MET	AOP; (APOC & DCB tool)	Alert / Warning for each MET parameter when threshold is exceeded. Checked and where necessary override (adjusted) by the MET service provider AlertID, Alertcontent	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc> Policy Confidentiality : <restricted>	<Validated>	Examples of weather conditions / parameters where Alerts/Warnings can be given for: -Strong wind -Heavy rain -Thunderstorm -Lightning in vicinity of Airport -Snow -Fog -Wind shear -Strong wind at (High) altitude within TMA For planning and management	REQ-06.02-DOD-6200.0084<Partial>	
ER-06.05.04-OSED-ALRT 0126	Alert / Warning – Meteorological conditions, Indicator for Manual override	MET	AOP	Indicator that the MET Alert / Warning has been manually adjusted by the MET Service Provider. AlertID, Alertcontent	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc> Policy Confidentiality : <restricted>	<Validated>	The MET Service Provider shall have the ability to manually override the MET alerts and warnings generated by the rules engine. These overrides have to be marked/labelled as such For planning and management	REQ-06.02-DOD-6200.0084<Partial>	

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1.9.5.4 Alerts & Warnings (Passenger Process Monitor)

[IER]

Identifier	Name	Issuer	Intended Addressees	Information Element	Involved Operational Activities	Interaction Rules and Policy	Status	Rationale	Satisfied DOD Requirement Identifier	Service Identifier
IER-06 05.04-OSED-ALRT 0501	Alert / Warning – Border Control Waiting Time	AOP monitor	AOP	Alert / Warning if Waiting Time before Border Control exceeds pre-defined threshold(s)	ST planning & Exec. phase		<Validated>	For planning and management Two threshold level – one for Alert / one for Warning	REQ-06.02-DOD-6200.0084<Partial>	
IER-06 05.04-OSED-ALRT 0502	Alert / Warning – Border Control Capacity Shortage	AOP monitor	AOP	Alert / Warning if Border Control throughput Capacity shortage exceeds pre-defined threshold(s)	ST planning & Exec. phase		<Validated>	For planning and management Two threshold level – one for Alert / one for Warning	REQ-06.02-DOD-6200.0084<Partial>	
IER-06 05.04-OSED-ALRT 0503	Alert / Warning – Security Control Waiting Time	AOP monitor	AOP	Alert / Warning if Waiting Time before Security Control exceeds pre-defined threshold(s)	ST planning & Exec. phase		<Validated>	For planning and management Two threshold level – one for Alert / one for Warning	REQ-06.02-DOD-6200.0084<Partial>	
IER-06 05.04-OSED-ALRT 0504	Alert / Warning – Security Control Capacity Shortage	AOP monitor	AOP	Alert / Warning if Security Control throughput Capacity shortage exceeds pre-defined threshold(s)	ST planning & Exec. phase		<Validated>	For planning and management Two threshold level – one for Alert / one for Warning	REQ-06.02-DOD-6200.0084<Partial>	
IER-06 05.04-OSED-ALRT 0505	Alert / Warning – Passenger Border Control Flow	AOP monitor	Relevant AOC; Relevant GH	Alert / warning when the percentage of passengers that has not passed Border Control at TOBT minus X minutes is less than pre-defined threshold(s)	ST planning & Exec. phase	Policy - Confidentiality : <Restricted>	<Validated>	For planning and management Value for X to be defined locally or made variable Two threshold level – one for Alert / one for Warning	REQ-06.02-DOD-6200.0084<Partial>	
IER-06 05.04-OSED-ALRT 0506	Alert / Warning – Passenger Security Control Flow	AOP monitor	Relevant AOC; Relevant GH	Alert / warning when the percentage of passengers that has not passed Security Control at TOBT minus X minutes is less than pre-defined threshold(s)	ST planning & Exec. phase	Policy - Confidentiality : <Restricted>	<Validated>	For planning and management Value for X to be defined locally or made variable Two threshold level – one for Alert / one for Warning	REQ-06.02-DOD-6200.0084<Partial>	
IER-06 05.04-OSED-ALRT 0507	Alert / Warning – Walking time to connecting flight	AOP monitor	Relevant AOC; Relevant GH	Alert / warning when walking time to connecting flight exceeds the actual available connecting time.	ST planning & Exec. phase	Policy - Confidentiality : <Restricted>	<Validated>	For planning and management Two threshold level – one for Alert / one for Warning	REQ-06.02-DOD-6200.0084<Partial>	

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1.9.6 IER's related to Performance Management

1.9.6.1 Assess Overall Impact Process:

[IER]

Identifier	Name	Issuer	Intended Addressees	Information Element	Involved Operational Activities	Interaction Rules and Policy	Status	Rationale	Satisfied DOD Requirement Identifier	Service Identifier
ER-06.05.04-OSED-AOIP.1000	Overall Impact Message	APOC (Ass.Part.)	APOC – all part s; APOC supervisor	The Overall Impact message contains: 1. Message Identifier 2. Problem specification 3. Overall impact for KPI [n] 4. Severity level	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc> Policy - Confidentiality : <restricted>	<In Progress>	Message describing the overall impact of the problem/alert	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0084<Partial>; REQ-06.02-DOD-6200.0086<Partial>	
ER-06.05.04-OSED-AOIP.1100	Overall Impact Message – Message Identifier	APOC (Ass.Part.)	APOC – all part s; APOC supervisor	Unique code identifying the Overall Impact Message	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc> Policy - Confidentiality : <restricted>	<In Progress>	Identifier required to trace further actions as also required for recording (post operations analysis	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0084<Partial>; REQ-06.02-DOD-6200.0086<Partial>	
ER-06.05.04-OSED-AOIP.1201	Alert Identifier	AOP Monitor	APOC – all part s; APOC supervisor	Alert D Unique code of the alert where the impact message is made for.	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc> Policy - Confidentiality : <restricted>	<In Progress>	Provided by the AOP monitor (issuer of the Alert) Required for traceability with the alert specifications (content / description) from the AOP Monitor	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0084<Partial>; REQ-06.02-DOD-6200.0086<Partial>	
ER-06.05.04-OSED-AOIP.1202	Alert/Warning code	AOP Monitor	APOC – all part s; APOC supervisor	Alert/Warning code Unique code for the type of problem associated with the alert/warning or event report	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc> Policy - Confidentiality : <restricted>	<In Progress>	Provided by the AOP monitor (issuer of the Alert. Required for quick reference between type problem and alert / event report as also for checking with experiences from the past.	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0084<Partial>; REQ-06.02-DOD-6200.0086<Partial>	
ER-06.05.04-OSED-AOIP.1203	Alert/Warning description	APOC (Ass.Part.)	APOC – all part s; APOC supervisor	Short Problem Description	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc> Policy - Confidentiality : <restricted>	<In Progress>	Free text field Provides a short description of the alert/warning and/or event report.	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0084<Partial>; REQ-06.02-DOD-6200.0086<Partial>	
ER-06.05.04-OSED-AOIP.1204	Probability of occurrence	APOC (Ass.Part.)	APOC – all part s; APOC supervisor	Probability of problem occurrence	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc> Policy - Confidentiality : <restricted>	<In Progress>	Probability of problem occurrence , value varying between 1 and 100	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0084<Partial>; REQ-06.02-DOD-6200.0086<Partial>	
ER-06.05.04-OSED-AOIP.1205	Disruption Duration	APOC (Ass.Part.)	APOC – all part s; APOC supervisor	Duration of problem associated with alert/warning and/or event report	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc> Policy - Confidentiality : <restricted>	<In Progress>	Duration of problem associated with alert/warning and/or event report.	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0084<Partial>; REQ-06.02-DOD-6200.0086<Partial>	

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Identifier	Name	Issuer	Intended Addressees	Information Element	Involved Operational Activities	Interaction Rules and Policy	Status	Rationale	Satisfied DOD Requirement Identifier	Service Identifier
ER-06.05.04-OSED-AOIP.1206	Disruption Location	APOC (Ass.Part.)	APOC – all part s.;APOC supervisor	Physical location and/or process where problem takes place	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc> Policy - Confidentiality : <restricted>	<In Progress>	Physical location and/or process where problem takes place.	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0084<Partial>; REQ-06.02-DOD-6200.0086<Partial>	
ER-06.05.04-OSED-AOIP.1207	Responsible stakeholder	APOC (Ass.Part.)	APOC – all part s.;APOC supervisor	Responsible stakeholder	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc> Policy - Confidentiality : <restricted>	<In Progress>	Identification code of stakeholder (= responsible stakeholder) best placed to solve the problem.	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0084<Partial>; REQ-06.02-DOD-6200.0086<Partial>	
ER-06.05.04-OSED-AOIP.1208	Other stakeholders affected	APOC (Ass.Part.)	APOC – all part s; APOC supervisor	List of other stakeholders affected by the alert/warning or event	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc> Policy - Confidentiality : <restricted>	<In Progress>	List of identification codes of all other stakeholders affected by the problem.	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0084<Partial>; REQ-06.02-DOD-6200.0086<Partial>	
ER-06.05.04-OSED-AOIP.1209	Experience(s) from the past	APOC (Ass.Part.)	APOC – all part s; APOC supervisor	List of previous Overall Impact Message Identifiers with equal / comparable problem codes	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc> Policy - Confidentiality : <restricted>	<In Progress>	List of Overall Impact Message Identifiers with equal / comparable problem codes. Provides traceability with stored / recorded experiences from the past	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0084<Partial>; REQ-06.02-DOD-6200.0086<Partial>	
ER-06.05.04-OSED-AOIP.1300	Overall Impact Message - Overall Impact for KPI [n]	APOC (Ass.Part.)	APOC – all part s; APOC supervisor	Overall impact for KPI [n]	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc> Policy - Confidentiality : <restricted>	<In Progress>	indication of overall impact on each of the Airport KPI as assigned relevant for the specific airport by the Performance Steering Service.	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0084<Partial>; REQ-06.02-DOD-6200.0086<Partial>	
ER-06.05.04-OSED-AOIP.1400	Overall Impact Message – Severity Level	APOC (Ass.Part.)	APOC – all part s; APOC supervisor	Severity level Level “A”, “B”, “C” or “D”	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc> Policy - Confidentiality : <restricted>	<In Progress>	Classification of severity level intended for determination of further actions to be taken	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0084<Partial>; REQ-06.02-DOD-6200.0086<Partial>	

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1.9.6.2 Make Decision Process:

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Identifier	Name	Issuer	Intended Addressees	Information Element	Involved Operational Activities	Interaction Rules and Policy	Status	Rationale	Satisfied DOD Requirement Identifier	Service Identifier
ER-06.05.04-OSED-MDEC.1000	Confirmation request	APOC supervisor	APOC – aff. Part s	The Confirmation request contains: 1. Stakeholder Identifier 2. Overall Impact Message Identifier 3. Confirmation status	ST planning & Exec. phase	Transmission rules - Interaction frequency : <ad hoc> Policy - Confidentiality : <restricted>	<In Progress>	request to all "affected" stakeholders for confirmation of receipt and notice of Overall Impact Message	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0084<Partial>; REQ-06.02-DOD-6200.0086<Partial>	
ER-06.05.04-OSED-MDEC.1100	Confirmation request - stakeholder Identification	APOC supervisor	APOC – aff. Part s	Unique identification code of the stakeholder for which confirmation is requested	ST planning & Exec. phase	Transmission rules - Interaction frequency : <ad hoc> Policy - Confidentiality : <restricted>	<In Progress>	For traceability of stakeholder confirmation	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0084<Partial>; REQ-06.02-DOD-6200.0086<Partial>	
ER-06.05.04-OSED-MDEC.1200	Confirmation request – Overall Impact Message Identifier	APOC supervisor	APOC – aff. Part s	Unique code identifying the Overall Impact Message for which confirmation is requested	ST planning & Exec. phase	Transmission rules - Interaction frequency : <ad hoc> Policy - Confidentiality : <restricted>	<In Progress>	For traceability of confirmation with relevant Overall Impact Message	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0084<Partial>; REQ-06.02-DOD-6200.0086<Partial>	
ER-06.05.04-OSED-MDEC.1300	Confirmation request – Confirmation status	APOC supervisor	APOC – aff. Part s	Status of the confirmation. Shall be "requested" as default value	ST planning & Exec. phase	Transmission rules - Interaction frequency : <ad hoc> Policy - Confidentiality : <restricted>	<In Progress>	For traceability purpose	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0084<Partial>; REQ-06.02-DOD-6200.0086<Partial>	
ER-06.05.04-OSED-MDEC 2000	Confirmation message	APOC – aff. Part s	APOC supervisor	The Confirmation request contains: 1. Stakeholder Identifier 2. Overall Impact Message Identifier 3. Confirmation status	ST planning & Exec. phase	Transmission rules - Interaction frequency : <ad hoc> Policy - Confidentiality : <restricted>	<In Progress>	confirmation of each "affected" stakeholders that they have received and taken notice of the Overall Impact Message	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0084<Partial>; REQ-06.02-DOD-6200.0086<Partial>	
ER-06.05.04-OSED-MDEC 2100	Confirmation message - stakeholder Identifier	APOC – aff. Part s	APOC supervisor	Unique identification code of the stakeholder for which confirmation is received	ST planning & Exec. phase	Transmission rules - Interaction frequency : <ad hoc> Policy - Confidentiality : <restricted>	<In Progress>	For traceability of stakeholder confirmation	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0084<Partial>; REQ-06.02-DOD-6200.0086<Partial>	
ER-06.05.04-OSED-MDEC 2200	Confirmation message – Overall Impact Message Identifier	APOC – aff. Part s	APOC supervisor	Unique code identifying the Overall Impact Message for which confirmation is received	ST planning & Exec. phase	Transmission rules - Interaction frequency : <ad hoc> Policy - Confidentiality : <restricted>	<In Progress>	For traceability of confirmation with relevant Overall Impact Message	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0084<Partial>; REQ-06.02-DOD-6200.0086<Partial>	
ER-06.05.04-OSED-MDEC 2300	Confirmation message – Confirmation status	APOC – aff. Part s	APOC supervisor	Status of the confirmation. Shall be "confirmed" as updated value	ST planning & Exec. phase	Transmission rules - Interaction frequency : <ad hoc> Policy - Confidentiality : <restricted>	<In Progress>	For traceability purpose	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0084<Partial>; REQ-06.02-DOD-6200.0086<Partial>	

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Identifier	Name	Issuer	Intended Addressees	Information Element	Involved Operational Activities	Interaction Rules and Policy	Status	Rationale	Satisfied DOD Requirement Identifier	Service Identifier
ER-06.05.04-OSED-MDEC 3000	Candidate solution [X]	APOC supervisor	APOC – all part s	Candidate solution [X] specification	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc> Policy - Confidentiality : <restricted>	<In Progress>	Specification of each Candidate solution to be analysed by stakeholder support tools.	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0084<Partial>; REQ-06.02-DOD-6200.0086<Partial>	
ER-06.05.04-OSED-MDEC.4000	Impact on candidate solution [X]	APOC – all part s	APOC supervisor	Overall Impact of candidate solution [X]	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc> Policy - Confidentiality : <restricted>	<In Progress>	indication of overall impact of each candidate solution determined through system support from the involved stakeholder(s)	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0084<Partial>; REQ-06.02-DOD-6200.0086<Partial>	
ER-06.05.04-OSED-MDEC 5000	Solution Message	APOC supervisor	APOC – all part s; (regional) NM, Other airport stakeholders	The Solution Message contains: 1. Solution Message Identifier 2. Alert/Warning Identifier 3. Overall Impact Message identifier 4. Additional Goals and Criteria (if necessary) 5. Candidate Solution(s) 6. Selected Solution	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc> Policy - Confidentiality : <restricted>	<In Progress>	Description of agreed / chosen solution	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0084<Partial>; REQ-06.02-DOD-6200.0086<Partial>	
ER-06.05.04-OSED-MDEC 5001	Solution message identifier	APOC supervisor	APOC – all part s; (regional) NM, Other airport stakeholders	Unique code identifying the Solution Message	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc> Policy - Confidentiality : <restricted>	<In Progress>	Solution Identifier required for traceability with further / future actions. Required for recoding and storage (Post Operations Analysis)	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0084<Partial>; REQ-06.02-DOD-6200.0086<Partial>	
ER-06.05.04-OSED-MDEC 5002	Alert/Warning Identifier	AOP monitor	APOC – all part s; (regional) NM, Other airport stakeholders	Unique code of the alert where the solution message is intended for	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc> Policy - Confidentiality : <restricted>	<In Progress>	Provided by the AOP monitor (issuer of the Alert) Required for traceability with the alert specifications (content / description) For traceability of the chosen / agreed solution with the relevant alert / event.	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0084<Partial>; REQ-06.02-DOD-6200.0086<Partial>	
ER-06.05.04-OSED-MDEC 5003	Overall Impact Message Identifier	APOC (responsible stakeholder)	APOC – all part s; (regional) NM, Other airport stakeholders	Unique code of the Overall Impact Message where the solution message is intended for	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc> Policy - Confidentiality : <restricted>	<In Progress>	Required to connect solution with problem. For traceability of the chosen / agreed solution with the relevant Overall Impact message	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0084<Partial>; REQ-06.02-DOD-6200.0086<Partial>	
ER-06.05.04-OSED-MDEC 5006	Additional Goals And Criteria	APOC (responsible stakeholder)	APOC – all part s; (regional) NM, Other airport stakeholders	Unique code of the Overall Impact Message where the solution message is intended for	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc> Policy - Confidentiality : <restricted>	<In Progress>	If necessary additional goals and critgeria may be set. Required to analyse the effectiveness of candidate solution(s)	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0084<Partial>; REQ-06.02-DOD-6200.0086<Partial>	

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Identifier	Name	Issuer	Intended Addressees	Information Element	Involved Operational Activities	Interaction Rules and Policy	Status	Rationale	Satisfied DOD Requirement Identifier	Service Identifier
ER-06.05.04-OSED-MDEC 5005	Candidate Solution(s)	APOC supervisor	Storage section of AOP	Description of (all)assessed but not chosen candidate solution(s).	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc> Policy - Confidentiality : <restricted>	<In Progress>	Free text field Not part of solution message to APOC participants, network manager and other airport stakeholders. Only required for Post Operations analysis purposes.	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0084<Partial>; REQ-06.02-DOD-6200.0086<Partial>	
ER-06.05.04-OSED-MDEC 5004	Selected Solution	APOC supervisor	APOC – all part s; (regional) NM, Other airport stakeholders	Description of agreed / chosen solution.	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc> Policy - Confidentiality : <restricted>	<In Progress>	Free text field As solution will be different for each problem no fixed format can be defined. Based on description of solution all (relevant) stakeholder will take action, adjust their processes and update the AOP accordingly	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0084<Partial>; REQ-06.02-DOD-6200.0086<Partial>	

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1.9.6.3 Make Decision Process: Adverse Condition

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Identifier	Name	Issuer	Intended Addressees	Information Element	Involved Operational Activities	Interaction Rules and Policy	Status	Rationale	Satisfied DOD Requirement Identifier	Service Identifier
IER-06 05.04-OSED-ADCO.1001	Predefined Solution Table	APOC – all part s	APOC – all part s; APOC supervisor	The predefined solution table contains: 1. Stakeholder name 2. Cancel flight 3. Delay flight 4. Change TOBT 5. Change TSAT 6. Change TTOT 7. Change TTA 8. Repositioning 9. Other 10. Comments 11. Alert/Warning code 12. Alert/Warning description 13. Candidate Solutions	ST planning & Exec. phase	Transmission rules - Interaction frequency : <ad hoc> Policy - Confidentiality : <restricted>	<In Progress>	Message describing the predefined solution table for the elaboration of predefined solutions	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0084<Partial>; REQ-06.02-DOD-6200.0086<Partial>	
IER-06 05.04-OSED-ADCO.1002	Stakeholder name	APOC – all part s	APOC – all part s; APOC supervisor	Stakeholder name Name of the stakeholder for which this table is valid.	ST planning & Exec. phase	Transmission rules - Interaction frequency : <ad hoc> Policy - Confidentiality : <restricted>	<In Progress>	Provide the predefined solution table for the elaboration of predefined solutions with the name of the involved stakeholder	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0084<Partial>; REQ-06.02-DOD-6200.0086<Partial>	
IER-06 05.04-OSED-ADCO.1003	Cancel flight	APOC – all part s	APOC – all part s; APOC supervisor	Cancel flight A datafield where the stakeholder shall be able to write down comments	ST planning & Exec. phase	Transmission rules - Interaction frequency : <ad hoc> Policy - Confidentiality : <restricted>	<In Progress>	Provide the predefined solution table with information according to the preference from an involved stakeholder.	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0084<Partial>; REQ-06.02-DOD-6200.0086<Partial>	
IER-06 05.04-OSED-ADCO.1004	Delay flight	APOC – all part s	APOC – all part s; APOC supervisor	Delay flight A datafield where the stakeholder shall be able to write down comments	ST planning & Exec. phase	Transmission rules - Interaction frequency : <ad hoc> Policy - Confidentiality : <restricted>	<In Progress>	Provide the predefined solution table with information according to the preference from an involved stakeholder.	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0084<Partial>; REQ-06.02-DOD-6200.0086<Partial>	
IER-06 05.04-OSED-ADCO.1005	Change TOBT	APOC – all part s	APOC – all part s; APOC supervisor	Change TOBT A datafield where the stakeholder shall be able to write down comments	ST planning & Exec. phase	Transmission rules - Interaction frequency : <ad hoc> Policy - Confidentiality : <restricted>	<In Progress>	Provide the predefined solution table with information according to the preference from an involved stakeholder.	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0084<Partial>; REQ-06.02-DOD-6200.0086<Partial>	
IER-06 05.04-OSED-ADCO.1006	Change TSAT	APOC – all part s	APOC – all part s; APOC supervisor	Change TSAT A datafield where the stakeholder shall be able to write down comments	ST planning & Exec. phase	Transmission rules - Interaction frequency : <ad hoc> Policy - Confidentiality : <restricted>	<In Progress>	Provide the predefined solution table with information according to the preference from an involved stakeholder.	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0084<Partial>; REQ-06.02-DOD-6200.0086<Partial>	
IER-06 05.04-OSED-ADCO.1007	Change TTOT	APOC – all part s	APOC – all part s; APOC supervisor	Change TTOT A datafield where the stakeholder shall be able to write down comments	ST planning & Exec. phase	Transmission rules - Interaction frequency : <ad hoc> Policy - Confidentiality : <restricted>	<In Progress>	Provide the predefined solution table with information according to the preference from an involved stakeholder.	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0084<Partial>; REQ-06.02-DOD-6200.0086<Partial>	

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Identifier	Name	Issuer	Intended Addressees	Information Element	Involved Operational Activities	Interaction Rules and Policy	Status	Rationale	Satisfied DOD Requirement Identifier	Service Identifier
IER-06 05.04-OSED-ADCO.1008	Change TTA	APOC – all part s	APOC – all part s; APOC supervisor	Change TTA A datafield where the stakeholder shall be able to write down comments	ST planning & Exec. phase	Transmission rules - Interaction frequency : <ad hoc> Policy - Confidentiality : <restricted>	<In Progress>	Provide the predefined solution table with information according to the preference from an involved stakeholder.	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0084<Partial>; REQ-06.02-DOD-6200.0086<Partial>	
IER-06 05.04-OSED-ADCO.1009	Repositioning	APOC – all part s	APOC – all part s; APOC supervisor	Repositioning A datafield where the stakeholder shall be able to write down comments	ST planning & Exec. phase	Transmission rules - Interaction frequency : <ad hoc> Policy - Confidentiality : <restricted>	<In Progress>	Provide the predefined solution table with information according to the preference from an involved stakeholder.	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0084<Partial>; REQ-06.02-DOD-6200.0086<Partial>	
IER-06 05.04-OSED-ADCO.1010	Other	APOC – all part s	APOC – all part s; APOC supervisor	Other information A datafield where the stakeholder shall be able to write down comments	ST planning & Exec. phase	Transmission rules - Interaction frequency : <ad hoc> Policy - Confidentiality : <restricted>	<In Progress>	Provide the predefined solution table with additional information in form of "free-text" according to additional preferences not being pre-described in the table from an involved stakeholder.	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0084<Partial>; REQ-06.02-DOD-6200.0086<Partial>	
IER-06 05.04-OSED-ADCO.1011	Comments	APOC – all part s	APOC – all part s; APOC supervisor	Comments A datafield where the stakeholder shall be able to write down comments	ST planning & Exec. phase	Transmission rules - Interaction frequency : <ad hoc> Policy - Confidentiality : <restricted>	<In Progress>	Provide the predefined solution table with additional information in form of "free-text" according to additional preferences not being pre-described in the table from an involved stakeholder.	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0084<Partial>; REQ-06.02-DOD-6200.0086<Partial>	
IER-06 05.04-OSED-ADCO.1012	Alert/Warning code	AOP Monitor	APOC – all part s; APOC supervisor	Alert/Warning ID from IER06.05.04-OSED-AO P.1202 Unique code of the alert/warning indentical to the impact message	ST planning & Exec. phase	Transmission rules - Interaction frequency : <ad hoc> Policy - Confidentiality : <restricted>	<In Progress>	Provided by the AOP monitor (issuer of the Alert. Required for quick reference between type problem and alert / event report as also for checking with experiences from the past.	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0084<Partial>; REQ-06.02-DOD-6200.0086<Partial>	
IER-06 05.04-OSED-ADCO.1013	Problem description	APOC (Ass Part.)	APOC – all part s; APOC supervisor	Alert/Warning Description from IER06 05.04-OSED-AOIP.1203 Description of the alert/warning indentical to the impact message	ST planning & Exec. phase	Transmission rules - Interaction frequency : <ad hoc> Policy - Confidentiality : <restricted>	<In Progress>	Free text field Provides a short description of the alert/warning and/or event report.	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0084<Partial>; REQ-06.02-DOD-6200.0086<Partial>	
IER-06 05.04-OSED-ADCO.1014	Candidate solution [X]	APOC supervisor	APOC – all part s; APOC supervisor	Candidate solution [X] specification from IER06.05 04-OSED-MDEC.3000	ST planning & Exec. phase	Transmission rules - Interaction frequency : <ad hoc> Policy - Confidentiality : <restricted>	<In Progress>	Specification of each Candidate solution analysed by stakeholder support tools.	REQ-06.02-DOD-6200.0081<Partial>; REQ-06.02-DOD-6200.0084<Partial>; REQ-06.02-DOD-6200.0086<Partial>	

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1.9.7 IER's related to Performance Steering

[IER]

Identifier	Name	Issuer	Intended Addressees	Information Element	Involved Operational Activities	Interaction Rules and Policy	Status	Rationale	Satisfied DOD Requirement Identifier	Service Identifier
IER-06 05.04-OSED-STPF 0001	Alert / warning – Aircraft Stand shortage Threshold	OSB	AOP monitor; APOC	Value X to raise an Alert (Value Y to raise a warning) – Aircraft Stand shortage Aircraft Stand shortage above X(or Y) movements	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc> Policy - Confidentiality : <restricted>	<Validated>	For monitoring (alert / warning) purposes.	REQ-06.02-DOD-6200.0084<Partial>	
IER-06 05.04-OSED-STPF 0002	Alert / warning – Ground Movement Capacity Shortage Threshold	OSB	AOP monitor; APOC	Value X to raise an Alert (Value Y to raise a warning) – Ground Movement Capacity Shortage Ground Movement Capacity shortage above X (or Y) movements	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc> Policy - Confidentiality : <restricted>	<Validated>	For monitoring (alert / warning) purposes.	REQ-06.02-DOD-6200.0084<Partial>	
IER-06 05.04-OSED-STPF 0003	Alert / warning - Arrival Capacity Shortage Threshold	OSB	AOP monitor; APOC	Value X to raise an Alert (Value Y to raise a warning) – Arrival Capacity Shortage Arrival Capacity shortage above X (or Y) movements	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc> Policy - Confidentiality : <restricted>	<Validated>	For monitoring (alert / warning) purposes.	REQ-06.02-DOD-6200.0084<Partial>	
IER-06 05.04-OSED-STPF 0004	Alert / warning - Departure Capacity Shortage Threshold	OSB	AOP monitor; APOC	Value X to raise an Alert (Value Y to raise a warning) – Departure Capacity Shortage Departure capacity shortage above X (or Y) movements	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc> Policy - Confidentiality : <restricted>	<Validated>	For monitoring (alert / warning) purposes.	REQ-06.02-DOD-6200.0084<Partial>	
IER-06 05.04-OSED-STPF 0005	Alert / warning - TMA Capacity Shortage Threshold	OSB	AOP monitor; APOC	Value X to raise an Alert (Value Y to raise a warning) - TMA Capacity Shortage TMA capacity shortage above X (or Y) movements	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc> Policy - Confidentiality : <restricted>	<Validated>	For monitoring (alert / warning) purposes.	REQ-06.02-DOD-6200.0084<Partial>	
IER-06 05.04-OSED-STPF 0006	Alert / warning - Average Arrival Delay Threshold	OSB	AOP monitor; APOC	Value X to raise an Alert (Value Y to raise a warning) – Average Arrival Delay Average Arrival Delay above X (or Y) minutes	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc> Policy - Confidentiality : <restricted>	<Validated>	For monitoring (alert / warning) purposes.	REQ-06.02-DOD-6200.0084<Partial>	
IER-06 05.04-OSED-STPF 0007	Alert / warning - Arrival Punctuality Delay Thresholds	OSB	AOP monitor; APOC	Value X to raise an Alert (Value Y to raise a warning) – Arrival Punctuality Z percent of Inbound flights more than X (or Y) minutes delayed	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc> Policy - Confidentiality : <restricted>	<Validated>	For monitoring (alert / warning) purposes.	REQ-06.02-DOD-6200.0084<Partial>	

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Identifier	Name	Issuer	Intended Addressees	Information Element	Involved Operational Activities	Interaction Rules and Policy	Status	Rationale	Satisfied DOD Requirement Identifier	Service Identifier
IER-06 05.04-OSED-STPF 0008	Alert / warning - Average Departure Delay Threshold	OSB	AOP monitor; APOC	Value X to raise an Alert (Value Y to raise a warning) – Average Departure Delay Average Departure Delay above X (or Y) minutes	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc> Policy - Confidentiality : <restricted>	<Validated>	For monitoring (alert / warning) purposes.	REQ-06.02-DOD-6200.0084<Partial>	
IER-06 05.04-OSED-STPF 0009	Alert / warning - Departure Punctuality Thresholds	OSB	AOP monitor; APOC	Value X to raise an Alert (Value Y to raise a warning) – Departure Punctuality Z percent of Outbound flights more than X (or Y) minutes delayed	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc> Policy - Confidentiality : <restricted>	<Validated>	For monitoring (alert / warning) purposes.	REQ-06.02-DOD-6200.0084<Partial>	
IER-06 05.04-OSED-STPF 0010	Alert / warning - Average Ground Movement Delay Threshold (Taxi-in)	OSB	AOP monitor; APOC	Value X to raise an Alert (Value Y to raise a warning) – Average Ground Movement Delay (taxi-in) Average Taxi-in Delay above X (or Y) minutes	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc> Policy - Confidentiality : <restricted>	<Validated>	For monitoring (alert / warning) purposes.	REQ-06.02-DOD-6200.0084<Partial>	
IER-06 05.04-OSED-STPF 0011	Alert / warning - Ground Movement Punctuality thresholds (Taxi-in)	OSB	AOP monitor; APOC	Value X to raise an Alert (Value Y to raise a warning) – Ground Movement Punctuality (Taxi-in) Z percent of Inbound flights more than X (or Y) minutes delayed	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc> Policy - Confidentiality : <restricted>	<Validated>	For monitoring (alert / warning) purposes.	REQ-06.02-DOD-6200.0084<Partial>	
IER-06 05.04-OSED-STPF 0012	Alert / warning - Average Ground Movement Delay Threshold (Taxi-out)	OSB	AOP monitor; APOC	Value X to raise an Alert (Value Y to raise a warning) – Average Ground Movement Delay (taxi-out) Average Taxi-out Delay above X (or Y) minutes	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc> Policy - Confidentiality : <restricted>	<Validated>	For monitoring (alert / warning) purposes.	REQ-06.02-DOD-6200.0084<Partial>	
IER-06 05.04-OSED-STPF 0013	Alert - Ground Movement Punctuality thresholds (Taxi-out)	OSB	AOP monitor; APOC	Value X to raise an Alert (Value Y to raise a warning) – Ground Movement Punctuality (Taxi-out) Z percent of Outbound flights more than X (or Y) minutes delayed	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc> Policy - Confidentiality : <restricted>	<Validated>	For monitoring (alert / warning) purposes.	REQ-06.02-DOD-6200.0084<Partial>	
IER-06 05.04-OSED-STPF 0014	Alert / warning – Airborne status threshold	OSB	AOP monitor; APOC	Value for X to raise an Alert – Airborne Status. Not airborne from origin at EIBT – X (or Y) minutes	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc> Policy - Confidentiality : <restricted>	<Validated>	For monitoring (alert / warning) purposes.	REQ-06.02-DOD-6200.0084<Partial>	
IER-06 05.04-OSED-STPF 0015	Alert – Take-Off threshold	OSB	AOP monitor; APOC	Value for X to raise an Alert – Take-Off No ATOT at TTOT + X (or Y) minutes	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc> Policy - Confidentiality : <restricted>	<Validated>	For monitoring (alert / warning) purposes.	REQ-06.02-DOD-6200.0084<Partial>	

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Identifier	Name	Issuer	Intended Addressees	Information Element	Involved Operational Activities	Interaction Rules and Policy	Status	Rationale	Satisfied DOD Requirement Identifier	Service Identifier
IER-06 05.04-OSED-STPF 0016	Alert – Passenger Boarding threshold	OSB	AOP monitor; APOC	Value for X to raise and Alert – Passenger Boarding Z percent passengers through landside process at TOBT – X minutes	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc> Policy - Confidentiality : <restricted>	<Validated>	For monitoring (alert / warning) purposes.	REQ-06.02-DOD-6200.0084<Partial>	
IER-06 05.04-OSED-STPF 0017	Alert – TOBT threshold	OSB	AOP monitor; APOC	Value for X to raise an Alert – TOBT threshold Number of TOBT updates above X	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc> Policy - Confidentiality : <restricted>	<Validated>	For monitoring (alert / warning) purposes.	REQ-06.02-DOD-6200.0084<Partial>	
IER-06 05.04-OSED-STPF 0018	Alert – ASBT TOBT threshold	OSB	AOP monitor; APOC	Value for X to raise an Alert – ASBT TOBT No ASBT at TOBT – X minutes	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc> Policy - Confidentiality : <restricted>	<Validated>	For monitoring (alert / warning) purposes.	REQ-06.02-DOD-6200.0084<Partial>	
IER-06 05.04-OSED-STPF 0019	Alert – TSAT TOBT threshold	OSB	AOP monitor; APOC	Value for X to raise an Alert – TSAT TOBT No TSAT at TOBT – X minutes	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc> Policy - Confidentiality : <restricted>	<Validated>	For monitoring (alert / warning) purposes.	REQ-06.02-DOD-6200.0084<Partial>	
IER-06 05.04-OSED-STPF 0020	Alert – ASRT TSAT threshold	OSB	AOP monitor; APOC	Value for X to raise an Alert – ASRT TOBT No ASRT at TOBT – X minutes	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc> Policy - Confidentiality : <restricted>	<Validated>	For monitoring (alert / warning) purposes.	REQ-06.02-DOD-6200.0084<Partial>	
IER-06 05.04-OSED-STPF 0021	Alert – ASAT TSAT threshold	OSB	AOP monitor; APOC	Value for X to raise an Alert – ASAT TOBT No ASAT at TOBT – X minutes	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc> Policy - Confidentiality : <restricted>	<Validated>	For monitoring (alert / warning) purposes.	REQ-06.02-DOD-6200.0084<Partial>	
IER-06 05.04-OSED-STPF 0022	Alert – TOBT EOBT threshold	OSB	AOP monitor; APOC	Value for X to raise an Alert – TOBT EOBT No TOBT within EOBT +/- X minutes	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc> Policy - Confidentiality : <restricted>	<Validated>	For monitoring (alert / warning) purposes.	REQ-06.02-DOD-6200.0084<Partial>	
IER-06 05.04-OSED-STPF 0023	Alert – Airholding threshold	OSB	AOP monitor; APOC	Value for X to raise an Alert – Airholding Airholding above X minutes	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc> Policy - Confidentiality : <restricted>	<Validated>	For monitoring (alert / warning) purposes.	REQ-06.02-DOD-6200.0084<Partial>	
IER-06 05.04-OSED-STPF 0024	Alert – Landing ROT	OSB	AOP monitor; APOC	Value for X to raise an Alert – Landing ROT Actual landing ROT more than X% larger than target Landing ROT	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc> Policy - Confidentiality : <restricted>	<Validated>	For Post Operations Purposes	REQ-06.02-DOD-6200.0084<Partial>	
IER-06 05.04-OSED-STPF 0025	Alert – Take-Off ROT	OSB	AOP monitor; APOC	Value for X to raise an Alert – Take-Off ROT Actual landing ROT more than X% larger than target Take-Off ROT	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc> Policy - Confidentiality : <restricted>	<Validated>	For Post Operations Purposes	REQ-06.02-DOD-6200.0084<Partial>	
IER-06 05.04-OSED-STPF.1001	MET parameter thresholds	OSB	MET	The steer airport performance Service should set and adjust MET parameter & probability thresholds for warning generation in the rules engine, advised by a local MET Service provider if necessary Steering the use of MET Parameter: probabilistic & deterministic	ST planning & Exec. phase	Policy - Confidentiality : <Restricted>	<Validated>	For planning and management	REQ-06.02-DOD-6200.0084<Partial>	

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Identifier	Name	Issuer	Intended Addressees	Information Element	Involved Operational Activities	Interaction Rules and Policy	Status	Rationale	Satisfied DOD Requirement Identifier	Service Identifier
IER-06 05.04-OSED-STPF.1002	Adverse weather thresholds	OSB	MET	The Steer Airport Performance Service shall set and adjust weather parameter thresholds contributing to adverse weather conditions, advised by a local MET Service provider if necessary	ST planning & Exec. phase	Policy - Confidentiality : <Restricted>	<Validated>	For planning and management	REQ-06.02-DOD-6200.0084<Partial>	
IER-06 05.04-OSED-STPF.1003	End of lightning activity	OSB	MET	The Steer Airport Performance Service should set and adjust on a regular basis the parameter "electrical storm warning trigger criteria" & "electrical storm warning end criteria", advised by a MET Service provider if necessary. By default this criteria is first lightning strike detected within a 3nm radius from the airport centre By default this criteria is no lightning strike detected within a 3nm radius from the airport centre for a period of 10 minutes since the last strike and no immediate lightning activity expected. Steering the use of MET Parameter: probabilistic	ST planning & Exec. phase	Policy - Confidentiality : <Restricted>	<Validated>	For planning and management	REQ-06.02-DOD-6200.0084<Partial>	
IER-06 05.04-OSED-STPF.1004	MET parameters	OSB	MET	The Steer Airport Performance Service shall set and adjust on a regular basis the MET parameters displayed in each stakeholder HMI. General – steering the use of MET Data	ST planning & Exec. phase	Policy - Confidentiality : <Restricted>	<Validated>	For planning and management	REQ-06.02-DOD-6200.0084<Partial>	
IER-06 05.04-OSED-STPF.1005	Time resolution of each MET parameter	OSB	MET	The Steer Airport Performance Service shall set and adjust on a regular basis the time resolution of each MET parameter displayed in each stakeholder HMI, advised by a local MET Service provider if necessary General – steering the use of MET Data	ST planning & Exec. phase	Policy - Confidentiality : <Restricted>	<Validated>	For planning and management	REQ-06.02-DOD-6200.0084<Partial>	
IER-06 05.04-OSED-STPF.1006	Time span of each MET parameter	OSB	MET	The Steer Airport Performance Service shall set and adjust on a regular basis the time span of each MET parameter displayed in each HMI, advised by a local MET Service provider if necessary General – steering the use of MET Data	ST planning & Exec. phase	Policy - Confidentiality : <Restricted>	<Validated>	For planning and management	REQ-06.02-DOD-6200.0084<Partial>	

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Identifier	Name	Issuer	Intended Addressees	Information Element	Involved Operational Activities	Interaction Rules and Policy	Status	Rationale	Satisfied DOD Requirement Identifier	Service Identifier
IER-06 05.04-OSED-STPF.1007	Subscription parameters for specific MET service	OSB	MET	The Steer Airport Performance Service shall set and adjust on a regular basis the service subscription parameters for the specific MET service, observed and forecast, advised by a local MET Service provider if necessary General – steering the use of MET Data	ST planning & Exec. phase	Policy - Confidentiality : <Restricted>	<Validated>	For planning and management	REQ-06.02-DOD-6200.0084<Partial>	
IER-06 05.04-OSED-STPF.1008	MET parameter thresholds for de-icing conditions	OSB	MET	The Steer Airport Performance Service shall set and adjust on a regular basis all MET parameter thresholds for de-icing (temperature, precipitation, freezing fog, wind, cloud) conditions, advised by a local MET Service provider if necessary temperature, dew point temperature, precipitation, freezing fog	ST planning & Exec. phase	Policy - Confidentiality : <Restricted>	<Validated>	For planning and management	REQ-06.02-DOD-6200.0084<Partial>	
IER-06 05.04-OSED-STPF.1009	Subscription criteria	OSB	MET	The Steer Airport Performance Service shall set and adjust (after consultation with the Met provider) the subscription criteria for the airport for each service contract for the supply of MET data. This subscription has to include as a minimum the spatial area, time horizon, and Quality of Service.	ST planning & Exec. phase	Policy - Confidentiality : <Restricted>	<Validated>	For planning and management	REQ-06.02-DOD-6200.0084<Partial>	
IER-06 05.04-OSED-STPF.1011	Time resolution of the provided MET forecast data	OSB	MET	The Steer Airport Performance Service shall set and adjust on a regular basis the time resolution of the provided MET forecast data. Per default it should be 1 value per hour up to 6h in the future and 1 value per 3h afterwards.; All with respect to the physical and technological restrictions of the element, advised by a MET Service provider if necessary	ST planning & Exec. phase	Policy - Confidentiality : <Restricted>	<Validated>	For planning and management	REQ-06.02-DOD-6200.0084<Partial>	
IER-06 05.04-OSED-STPF.1012	Probabilistic thunderstorm forecasts	OSB	MET	The Steer Airport Performance service shall, in cooperation with a Met service provider, define and adjust areas around the airport where probabilistic thunderstorm forecasts are provided by the Met service provider.	ST planning & Exec. phase	Policy - Confidentiality : <Restricted>	<Validated>	For planning and management	REQ-06.02-DOD-6200.0084<Partial>	
IER-06 05.04-OSED-STPF.1013	Retention time	OSB	MET	The Steer Airport Performance service shall, in cooperation with the MET service provider set and adjust the retention time in case MET data is locally stored for r post operation analysis purposes	Short term planning & Execution phase	Policy - Confidentiality : <Restricted>	<Validated>	For planning and management	REQ-06.02-DOD-6200.0084<Partial>	

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Identifier	Name	Issuer	Intended Addressees	Information Element	Involved Operational Activities	Interaction Rules and Policy	Status	Rationale	Satisfied DOD Requirement Identifier	Service Identifier
IER-06 05.04-OSED-STPF 2001	TWY capacity change probability threshold	OSB	AOP monitor; APOC	Probability level (in %) above which change in Ground Movement Capacity will initiate a DCB (re)calculation.	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc> Policy - Confidentiality : <Restricted>	<Validated>	To avoid capacity drop of low likelihood to govern DCB calculations Required for DCB Tool	REQ-06.02-DOD-6200.0084<Partial>	
IER-06 05.04-OSED-STPF 2002	TMA capacity change probability threshold	OSB	AOP monitor; APOC	Probability level (in %) above which change in TMA Capacity will initiate a DCB (re)calculation.	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc> Policy - Confidentiality : <Restricted>	<Validated>	avoid capacity drop of low likelihood to govern DCB calculations Required for DCB Tool	REQ-06.02-DOD-6200.0084<Partial>	
IER-06 05.04-OSED-STPF 2003	practical capacity planning buffer	OSB	AOP monitor; APOC	Pre-agreed percentage to be deducted from (calculated) Saturation capacity to determine practical Capacity	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc> Policy - Confidentiality : <Restricted>	<Validated>	Needed to calculate practical capacity from Saturation capacity Required for DCB Tool	REQ-06.02-DOD-6200.0084<Partial>	
IER-06 05.04-OSED-STPF 2004	prioritization rules for arrival and departure	OSB	AOP monitor; APOC	prioritization rules for arrival and departure in case of capacity shortage	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc> Policy - Confidentiality : <Restricted>	<Validated>	Required for DCB Tool	REQ-06.02-DOD-6200.0084<Partial>	
IER-06 05.04-OSED-STPF 2005	TTA issuance rule	OSB	AOP monitor; APOC	Maximum allowed difference (plus and minus) between Estimated Time of Arrival and Target Time of Arrival.	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc> Policy - Confidentiality : <Restricted>	<Validated>	deviations of few minutes should not trigger a new TTA Required for DCB Tool	REQ-06.02-DOD-6200.0084<Partial>	
IER-06 05.04-OSED-STPF 2006	TTA tolerance window	OSB	AOP monitor; APOC	Tolerance Windows, tolerance window in minutes per time interval	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc> Policy - Confidentiality : <Restricted>	<Validated>	The farther away the event the larger can the tolerance window be Required for DCB Tool	REQ-06.02-DOD-6200.0084<Partial>	
IER-06 05.04-OSED-STPF 2007	max crosswind	OSB	AOP monitor; APOC	maximum crosswind allowed for which DCB may consider a runway as available	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc> Policy - Confidentiality : <Restricted>	<Validated>	Required for DCB Tool	REQ-06.02-DOD-6200.0084<Partial>	
IER-06 05.04-OSED-STPF 2008	max gust speed	OSB	AOP monitor; APOC	maximum gust speed allowed for which DCB may consider a runway as available	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc> Policy - Confidentiality : <Restricted>	<Validated>	Required for DCB Tool	REQ-06.02-DOD-6200.0084<Partial>	
IER-06 05.04-OSED-STPF 2009	crosswind probability	OSB	AOP monitor; APOC	probability threshold (in %) that must be crossed in combination with max crosswind such that runway is considered as unavailable for DCB calculations	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc> Policy - Confidentiality : <Restricted>	<Validated>	Required for DCB Tool	REQ-06.02-DOD-6200.0084<Partial>	
IER-06 05.04-OSED-STPF 2010	gust speed probability	OSB	AOP monitor; APOC	probability threshold (in %) that must be crossed in combination with max gusr speed such that runway is considered as unavailable for DCB calculations	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc> Policy - Confidentiality : <Restricted>	<Validated>	Required for DCB Tool	REQ-06.02-DOD-6200.0084<Partial>	
IER-06 05.04-OSED-STPF 2011	delay increase threshold	OSB	AOP monitor; APOC	delay increase expressed as delay sum over a specified time period and average delay per aircraft	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc> Policy - Confidentiality :<Restricted>	<Validated>	trigger for DCB recalculation Required for DCB Tool	REQ-06.02-DOD-6200.0084<Partial>	

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Identifier	Name	Issuer	Intended Addressees	Information Element	Involved Operational Activities	Interaction Rules and Policy	Status	Rationale	Satisfied DOD Requirement Identifier	Service Identifier
IER-06 05.04-OSED-STPF 2012	delay reduction threshold	OSB	AOP monitor; APOC	delay reduction expressed as delay sum over a specified time period and average delay per aircraft	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc> Policy - Confidentiality : <Restricted>	<Validated>	trigger for DCB recalculation Required for DCB Tool	REQ-06.02-DOD-6200.0084<Partial>	
IER-06 05.04-OSED-STPF 2013	target function improvement threshold	OSB	AOP monitor; APOC	target function improvement expressed as dimensionless target function value of %age	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc> Policy - Confidentiality : <Restricted>	<Validated>	trigger for automatic proposal of optimized DCB solution Required for DCB Tool	REQ-06.02-DOD-6200.0084<Partial>	
IER-06 05.04-OSED-STPF 2020	TOBT fixation threshold (t)	OSB	AOP monitor; APOC	TOBT fixation threshold (the time (x minutes) before the most recent TOBT after which NO TOBT updates are accepted)	ST planning & Exec. phase	Transmission rules - Interaction frequency :<ad hoc> Policy - Confidentiality : <Restricted>	<Validated>	For planning and management For de-icing planning/management purposed	REQ-06.02-DOD-6200.0084<Partial>	

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1.9.8 IER's related to Post Operations Analysis

[IER]

Identifier	Name	Issuer	Intended Addressees	Information Element	Involved Operational Activities	Interaction Rules and Policy	Status	Rationale	Satisfied DOD Requirement Identifier	Service Identifier
IER-06 05.04-OSED-POPS.0001	Addressee of a published post operations analysis report	Airport stakeholder	Post-Operations Analysis platform	Contact details of the addressee of a published post operations analysis report	Post Flight Phase	Transmission rules - Interaction frequency :<ad hoc> Policy - Confidentiality : <Restricted>	<In Progress>	Contact details required to distribute a published post operations analysis report to the right addressees	REQ-06.02-DOD-6200.0084<Partial> REQ-06.02-DOD-6200.0086<Partial>	
IER-06 05.04-OSED-POPS.0002	Addressees of a draft post operations analysis report for review	Airport stakeholder	Post-Operations Analysis platform	Contact details of the addressee of a draft post operations analysis report for review	Post Flight Phase	Transmission rules - Interaction frequency :<ad hoc> Policy - Confidentiality : <Restricted>	<In Progress>	Contact details required to distribute a draft post operations analysis report to the right addressees for review	REQ-06.02-DOD-6200.0084<Partial> REQ-06.02-DOD-6200.0086<Partial>	
IER-06 05.04-OSED-POPS.0003	Expert to be contacted by the Post Operations Analyst to get support when defining a post operations analysis report	Airport stakeholder	Post-Operations Analysis platform	Contact details of the expert	Post Flight Phase	Transmission rules - Interaction frequency :<ad hoc> Policy - Confidentiality : <Restricted>	<In Progress>	Expert contact details required in case the Post Operations Analyst requires support to define a post operations analysis report	REQ-06.02-DOD-6200.0084<Partial> REQ-06.02-DOD-6200.0086<Partial>	
IER-06 05.04-OSED-POPS.0004	Periodicity of a post operations analysis report	Airport stakeholder	Post-Operations Analysis platform	Periodicity in terms of time frequency with which the post operations analysis report will be published	Post Flight Phase	Transmission rules - Interaction frequency :<ad hoc> Policy - Confidentiality : <Restricted>	<In Progress>	Periodicity required to define how often a post operations analysis report is produced and published	REQ-06.02-DOD-6200.0084<Partial> REQ-06.02-DOD-6200.0086<Partial>	
IER-06 05.04-OSED-POPS.0005	Draft post operations analysis report for review	Post-Operations Analysis platform	Airport stakeholder	Post operations analysis report in draft status	Post Flight Phase	Transmission rules - Interaction frequency :<ad hoc> Policy - Confidentiality : <Restricted>	<In Progress>	The airport stakeholders concerned may have to comment a draft post operations analysis report before it is finalised and published	REQ-06.02-DOD-6200.0084<Partial> REQ-06.02-DOD-6200.0086<Partial>	
IER-06 05.04-OSED-POPS.0006	Commented post operations analysis report	Airport stakeholder	Post-Operations Analysis platform	Draft post operations analysis report including the comments made by the airport stakeholders	Post Flight Phase	Transmission rules - Interaction frequency :<ad hoc> Policy - Confidentiality : <Restricted>	<In Progress>	The airport stakeholders concerned may have to comment a draft post operations analysis report before it is finalised and published	REQ-06.02-DOD-6200.0084<Partial> REQ-06.02-DOD-6200.0086<Partial>	

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Identifier	Name	Issuer	Intended Addressees	Information Element	Involved Operational Activities	Interaction Rules and Policy	Status	Rationale	Satisfied DOD Requirement Identifier	Service Identifier
IER-06 05.04-OSED-POPS.0007	Final post operations analysis report	Post-Operations Analysis platform	Airport stakeholder	Post operations analysis report in final status	Post Flight Phase	Transmission rules - Interaction frequency : <ad hoc> Policy - Confidentiality : <Restricted>	<In Progress>	A final post operations analysis report has to be published and distributed to the list of pre-agreed addressees	REQ-06.02-DOD-6200.0084<Partial> REQ-06.02-DOD-6200.0086<Partial>	

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1.10 List of deleted Operational Requirements

Discussions at OFA 05.01.01 level and coordination at the Programme level lead to a consolidated and agreed description of the Target Time Management concept, stimulated by a strong participation of the OFA05.01.01 in the elaboration and execution of validation exercise VP-749. As a result of this activity, a small number of requirements present in the previous OSED were considered to no longer be necessary.

1.10.1 DCB Requirements related to Steer Airport Performance

Nil

1.10.2 DCB requirements related to Airport performance monitoring

Nil

1.10.3 DCB Requirements related to perform Post Operations Analysis service

Nil

1.10.4 Flight Progress Information (FLTP)

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.0527
Requirement	The Flight Progress information in the Traffic Demand section shall include for each inbound flight the Target Time of Arrival – status Proposed (TTA-P)
Title	AOP flight progress monitoring
Status	<Deleted>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

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[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.0528
Requirement	The Flight Progress information in the Traffic Demand section shall include for each inbound flight the Target Time of Arrival – status Estimated (TTA-E)
Title	AOP flight progress monitoring
Status	<Deleted>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.0529
Requirement	The Flight Progress information in the Traffic Demand section shall include for each inbound flight the Target Time of Arrival – status Revised (TTA-R)

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Title	AOP flight progress monitoring
Status	<Deleted>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.0530
Requirement	The Flight Progress information in the Traffic Demand section shall include for each inbound flight the Target Time of Arrival – status Coordinated (TTA-C)
Title	AOP flight progress monitoring
Status	<Deleted>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A

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<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.0531
Requirement	The Flight Progress information in the Traffic Demand section shall include for each inbound flight the Target Time of Arrival – status Agreed (TTA-A)
Title	AOP flight progress monitoring
Status	<Deleted>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.0534
Requirement	The Flight Progress information in the Traffic Demand section shall include for each outbound flight the Target Time of Departure – status Scheduled (TTD-S)
Title	AOP flight progress monitoring
Status	<Deleted>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance

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<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.0535
Requirement	The Flight Progress information in the Traffic Demand section shall include for each outbound flight the Target Time of Departure – status Proposed (TTD-P)
Title	AOP flight progress monitoring
Status	<Deleted>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.0536
Requirement	The Flight Progress information in the Traffic Demand section shall include for each outbound flight the Target Time of Departure – status Estimated (TTD-E)
Title	AOP flight progress monitoring
Status	<Deleted>

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Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.0537
Requirement	The Flight Progress information in the Traffic Demand section shall include for each outbound flight the Target Time of Departure – status Revised (TTD-R)
Title	AOP flight progress monitoring
Status	<Deleted>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>

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<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.0538
Requirement	The Flight Progress information in the Traffic Demand section shall include for each outbound flight the Target Time of Departure – status Coordinated (TTD-C)
Title	AOP flight progress monitoring
Status	<Deleted>
Rationale	General data definition of the AOP
Category	<Operational>
Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0083	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0086	<Partial>

[REQ]

Identifier	REQ-06.05.02-OSED-FLTP.0539
Requirement	The Flight Progress information in the Traffic Demand section shall include for each outbound flight the Target Time of Departure – status Agreed (TTD-A)
Title	AOP flight progress monitoring
Status	<Deleted>
Rationale	General data definition of the AOP
Category	<Operational>

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Validation Method	<Gaming Technique (Agent Based Analysis)>
Verification Method	<Test>

1.10.5 General DCB Requirements

[REQ]

Identifier	REQ-06.05.03-OSED-DCBS.0500
Requirement	The Airport-DCB shall determine a (new) target time (landing or take-off) for each flight that is not able to achieve its previously assigned target time
Title	DCB Monitoring - target time feasibility
Status	<Deleted>
Rationale	target time feasibility
Category	<Functional>
Validation Method	<Real Time Simulation>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-DCBS.0600
Requirement	The Airport-DCB shall for the planning horizon not covered by the AMAN/DMAN, transform the FLDT's and FTOT's into TLDT's and TTOT's based on the activated solution

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Title	Forecasted times to target times
Status	<Deleted>
Rationale	establish DCB solution
Category	<Functional>
Validation Method	<Real Time Simulation>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-DCBS.0610
Requirement	The Airport-DCB shall for the activated solution determine the relevant TTA's from the TLDT's
Title	TTAs to AOP
Status	<Deleted>
Rationale	establish DCB solution
Category	<Functional>
Validation Method	<Real Time Simulation>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance

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<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-DCBS.0611
Requirement	The Airport-DCB shall for the activated solution determine the relevant CTOT' (or TTD's) from the TTOT's
Title	TTAs to AOP
Status	<Deleted>
Rationale	establish DCB solution
Category	<Functional>
Validation Method	<Real Time Simulation>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A

[REQ]

Identifier	REQ-06.05.03-OSED-DCBO.0040
Requirement	The Airport-DCB shall provide to the AOP, and update when necessary, the TTA's associated with the activated solution
Title	publish TTAs

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Status	<Deleted>
Rationale	DCB update to users
Category	<Operational>
Validation Method	<Real Time Simulation>
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0081	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.02-DOD-6200.0084	<Partial>
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A

1.10.6 HMI Input

Nil

1.10.7 Data Provision

Nil

1.10.8 MET Parameters: direct meteorological parameters

Nil

1.11 List of deleted Operational Requirements

Discussions at OFA 05.01.01 level and coordination at the Programme level lead to a consolidated and agreed description of the Target Time Management concept, stimulated by a strong participation of the OFA05.01.01 in the elaboration and execution of validation exercise VP-749. As a result of this activity, a small number of requirements present in the previous OSED were considered to no longer be necessary.

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ER-06.05.04-OSED-FLTP.0521	TTA Status Proposed	Local ATC service provider; (AO)	NOP; AOP	TTA - Target Time of Arrival (status Proposed) for inbound flight To be exchanged in combination with: • FL ID • DOF • RWYARR	Medium term planning	Transmission rules - Interaction type : <Collaborative> *Available to the NOP through the AOP*	<Deleted>	To be provided by Local ATC service provider based on all local / ground restriction of the airport (= ground node of the network) Initially proposed by Destination airport for medium term planning. WP7 & OFA05.01.01 to develop process to establish TTA	REQ-06.02-DOD-6200 0081<Partial>; REQ-06.02-DOD-6200 0083<Partial>; REQ-06.02-DOD-6200.0086<Partial>	
ER-06.05.04-OSED-FLTP.0522	TTA Status Estimated	AOC	NOP; AOP	TTA - Target Time of Arrival (status Estimated) for inbound flight To be exchanged in combination with: • FL ID • DOF • RWYARR	ST planning & Exec. phase	Transmission rules - Interaction type : <Collaborative> *Available to the AOP through the NOP*	<Deleted>	To be provided by the AOC when filing flight plan WP7 & OFA05.01.01 to develop process to establish TTA	REQ-06.02-DOD-6200 0081<Partial>; REQ-06.02-DOD-6200 0083<Partial>; REQ-06.02-DOD-6200.0086<Partial>	
ER-06.05.04-OSED-FLTP.0523	TTA Status Revised	Local ATC service provider; (AO)	NOP; AOP	TTA - Target Time of Arrival (status Revised) for inbound flight To be exchanged in combination with: • FL ID • DOF • RWYARR	ST planning & Exec. phase	Transmission rules - Interaction type : <Collaborative> *Available to the NOP through the AOP*	<Deleted>	To be provided by Local ATC service provider based on all local / ground restriction of the airport (= ground node of the network) WP7 & OFA05.01.01 to develop process to establish TTA	REQ-06.02-DOD-6200 0081<Partial>; REQ-06.02-DOD-6200 0083<Partial>; REQ-06.02-DOD-6200.0086<Partial>	
ER-06.05.04-OSED-FLTP.0524	TTA Status Coordinted	NM	NOP; AOP	TTA - Target Time of Arrival (status Coordinated) for inbound flight To be exchanged in combination with: • FL ID • DOF • RWYARR	ST planning & Exec. phase	Transmission rules - Interaction type : <Collaborative> *Available to the AOP through the NOP*	<Deleted>	To be provide by the NM based on a collaborative process to align the TTD at origin, the TTO(s) en-route and the TTA at destination). WP7 & OFA05.01.01 to develop process to establish TTA	REQ-06.02-DOD-6200 0081<Partial>; REQ-06.02-DOD-6200 0083<Partial>; REQ-06.02-DOD-6200.0086<Partial>	
ER-06.05.04-OSED-FLTP.0525	TTA Status Agreed	AOC	NOP; AOP	TTA - Target Time of Arrival (status Agreed) for inbound flight To be exchanged in combination with: • FL ID • DOF • RWYARR	ST planning & Exec. phase	Transmission rules - Interaction type : <Collaborative> *Available to the AOP through the NOP*	<Deleted>	To be provided by the AOC. TTA as agreed by the Airspace User and service providers. WP7 & OFA05.01.01 to develop process to establish TTA	REQ-06.02-DOD-6200 0081<Partial>; REQ-06.02-DOD-6200 0083<Partial>; REQ-06.02-DOD-6200.0086<Partial>	

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ER-06.05.04-OSED-FLTP.0530	TTD Status Scheduled	AOC	NOP; AOP	TTD - Target Time of Departure (status Scheduled) for outbound flight. To be exchanged in combination with: • FL ID • DOF • RWYDEP	Medium term planning	Transmission rules - Interaction type : <Collaborative> Available to the NOP through the AOP	<Deleted>	To be provided by the AOC based on their flight intentions (schedule). Calculated from scheduled time of departure as published by the Airline / aircraft operator. WP7 & OFA05.01.01 to develop process to establish TTD	REQ-06.02-DOD-6200 0081<Partial>; REQ-06.02-DOD-6200 0083<Partial>; REQ-06.02-DOD-6200.0086<Partial>	
ER-06.05.04-OSED-FLTP.0531	TTD Status Proposed	Local ATC service provider; (AO)	NOP; AOP	TTD - Target Time of Departure (status Proposed) for outbound flight To be exchanged in combination with: • FL ID • DOF • RWYDEP	Medium term planning	Transmission rules - Interaction type : <Collaborative> Available to the NOP through the AOP	<Deleted>	To be provided by Local ATC service provider based on all local / ground restriction of the airport (= ground node of the network) Initially proposed by Origin airport for medium term planning. WP7 & OFA05.01.01 to develop process to establish TTD	REQ-06.02-DOD-6200 0081<Partial>; REQ-06.02-DOD-6200 0083<Partial>; REQ-06.02-DOD-6200.0086<Partial>	
ER-06.05.04-OSED-FLTP.0532	TTD Status Estimated	AOC	NOP; AOP	TTD - Target Time of Departure (status Estimated) for outbound flight To be exchanged in combination with: • FL ID • DOF • RWYDEP	ST planning & Exec. phase	Transmission rules - Interaction type : <Collaborative> Available to the AOP through the NOP	<Deleted>	To be provided by the AOC when filing flight plan WP7 & OFA05.01.01 to develop process to establish TTD	REQ-06.02-DOD-6200 0081<Partial>; REQ-06.02-DOD-6200 0083<Partial>; REQ-06.02-DOD-6200.0086<Partial>	
ER-06.05.04-OSED-FLTP.0533	TTD Status Revised	Local ATC service provider; (AO)	NOP; AOP	TTD - Target Time of Departure (status Revised) for outbound flight To be exchanged in combination with: • FL ID • DOF • RWYDEP	ST planning & Exec. phase	Transmission rules - Interaction type : <Collaborative> Available to the NOP through the AOP	<Deleted>	To be provided by Local ATC service provider based on all local / ground restriction of the airport (= ground node of the network) WP7 & OFA05.01.01 to develop process to establish TTD	REQ-06.02-DOD-6200 0081<Partial>; REQ-06.02-DOD-6200 0083<Partial>; REQ-06.02-DOD-6200.0086<Partial>	
ER-06.05.04-OSED-FLTP.0534	TTD Status Coordinated	NM	NOP; AOP	TTD - Target Time of Departure (status Coordinated) for outbound flight To be exchanged in combination with: • FL ID • DOF • RWYDEP	ST planning & Exec. phase	Transmission rules - Interaction type : <Collaborative> Available to the AOP through the NOP	<Deleted>	To be provide by the NM based on a collaborative process to align the TTD at origin, the TTO(s) en-route and the TTA at destination). WP7 & OFA05.01.01 to develop process to establish TTD	REQ-06.02-DOD-6200 0081<Partial>; REQ-06.02-DOD-6200 0083<Partial>; REQ-06.02-DOD-6200.0086<Partial>	

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ER-06.05.04-OSED-FLTP.0535	TTD Status Agreed	AOC	NOP; AOP	TTD - Target Time of Departure (status Agreed) for outbound flight To be exchanged in combination with: • FL ID • DOF • RWYDEP	ST planning & Exec. phase	Transmission rules - Interaction type : <Collaborative> Available to the AOP through the NOP	<Deleted>	To be provided by the AOC. TTD as agreed by the Airspace User and service providers. WP7 & OFA05.01.01 to develop process to establish TTD	REQ-06.02-DOD-6200 0081<Partial>; REQ-06.02-DOD-6200 0083<Partial>; REQ-06.02-DOD-6200.0086<Partial>	

Nil

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