



SESAR Solution Regulatory Overview

UDPP departure

Document information

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Abstract

This document contains an overview of the SESAR Solution “UDPP departure” documented recommendations from regulatory, standardisation, oversight and certification perspectives resulting from the cooperation with EASA and National Authorities.

Authoring & Approval

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1 Introduction

The purpose of this document is to provide an overview of the SESAR Solution “UDPP Departure” documented recommendations from regulatory, standardisation, oversight and certification perspectives resulting from the cooperation with EASA and National Authorities.

The document presents the recommendations issued by the National Authorities and EASA, for an acceptable deployment of the concepts contained in the SESAR Solution. These recommendations must be taken into consideration by the entities in charge of deployment of the correspondent SESAR Solution.

2 General recommendations

In general terms, it must be underlined that:

- 1) When deploying a SESAR Solution, the compliance with all applicable regulatory requirements must be ensured by the different concerned entities;
- 2) In particular, it must be ensured that the appropriate safety argument for the concerned change to the ATM functional system is performed in accordance with EC regulation 1035/2011 (*under revision; EASA opinion 03-2014*) considering local specific risks and mitigation to those risks.
- 3) The present SESAR Solution does not constitute in itself an acceptable Means of Compliance with the previously mentioned regulatory requirements. Means of Compliance are subject to their acceptance by the Authorities involved in each concrete local implementation.
- 4) A verification of the existing standardisation and regulatory frameworks has to be done at the date of local deployment to identify possible major changes to the one in use at the moment of publication of this SESAR Solution.

3 Specific recommendations

3.1 On the Regulatory Framework

There is no specific topic on the regulatory framework field to be specially considered in deployment, beyond the currently existing applicable regulations.

3.2 On the Standardisation Framework

There is no specific topic on the standardisation framework field to be specially considered in deployment, beyond the currently existing applicable standardisation.

3.3 On the Regulatory Oversight and Certification Activities

When proceeding with the local implementation of this solution, and following Regulation EC 1305/2011 (under revision; EASA opinion 03-2014), changes in the ATM functional system derived from the deployment of this solution are subject to the elaboration of a safety argument considering local specific risks and mitigation measures to those risks. For that, the following topics must be taken into consideration

At the local level:

- User Driven Prioritization Process (UDPP) and associated procedures should be developed;
- Procedures are required to specify the conditions (in particular rules of participation, rights and duties, equity principles, etc.) and notice for UDPP to be applicable. The process will need to be done in a way that does not conflict with or degrades the optimization of the network done by ATFM;
- This module is more particularly needed in areas with the highest traffic density. However, the techniques it contains would also be of benefit to areas with lesser traffic, subject to the business case;
- In cases of deploying the solution in airspaces with neighbouring non-EU Members States, the specificities of the non-EU member states derived from the different regulatory frameworks, should be taken into account for the elaboration of the local safety argument or the local business cases.

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