



SESAR Solution Regulatory Overview

Time based separation

Document information

Document Name	SESAR Solution Regulatory Overview - PRNAV in a Complex TMA
Edition	01.00.00

Abstract

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

Authoring & Approval

Prepared By - <i>Authors of the document.</i>		
Name & Company	Position & Title	Date
██████████	██████████	20/09/2013
██████████	██████████	20/09/2013

Reviewed By - <i>Reviewers internal to the project.</i>		
Name & Company	Position & Title	Date
██████████	██████████	22/10/2013

Approved for Publication		
Name & Company	Position & Title	Date
██████████	██████████	22/10/2013
██████████	██████████	n/a

Document History

Edition	Date	Status	Author	Justification
00.00.01	20/09/2013	Draft	██████████	Incorporation of initial results
01.00.00	22/10/2013	Final	██████████	Finalised document

Intellectual Property Rights (foreground)

The foreground is owned by the SJU.

Table of Contents

1	INTRODUCTION	4
2	GENERAL RECOMMENDATIONS	5
3	SPECIFIC RECOMMENDATIONS	6
3.1	ON THE REGULATORY FRAMEWORK	6
3.2	ON THE STANDARDISATION FRAMEWORK.....	6
3.3	ON THE REGULATORY OVERSIGHT AND CERTIFICATION ACTIVITIES	6

1 Introduction

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

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 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

Due consideration should be paid to introducing in the regulatory framework changes in the rules for the separation from Distance Based to Time Based on final approach.

3.2 On the Standardisation Framework

In the field of the standardisation framework, the availability of adequate level of standardisation is key to ensure stable means of compliance for elements that will have high safety significance in the day to day operation.

In that sense it is required at least, to develop, based on the result of SESAR, common functional requirements for the tools used by ATC to provide TBS.

3.3 On the Regulatory Oversight and Certification Activities

There is no specific topic in the field of the Regulatory Oversight and Certification Activities to be considered in deployment, beyond the applicable existing ones.

- END OF DOCUMENT -