



# **SASI WS 2-09**

Experience Sharing on Safety Assessments

**11 - 12 June 2009**

EUROCONTROL Brussels



# BACKGROUND

ESARRs have been around for several years and most ANSPs abide to their requirements to some degree or other.

Safety Assessments are one of the most critical factors in safe ATM. They are considered so essential to safe ATM that they are treated by a dedicated ESARR. There are several Means of Compliance but the question we always come across in many of our SASI sessions is how to translate theory into practice.

Safety Assessments are carried out in other high-risk industries and during this session examples from outside ATM will be presented.

## WORKING SESSION OBJECTIVES

The aim of the working session is to increase knowledge and spread awareness amongst ANSPs, Regulators and Safety Specialists on the practical compliance to ESARR requirements with respect to Safety Assessment.

The main objectives of the session are to:

- Present the EUROCONTROL latest approach to Safety Assessments
- Explore how to translate the theoretical Means of Compliance into practical measures
- Have a working session on how to approach an operational change (e.g. airspace/airway change)
- Look at what other high-risk industries are doing with respect to Safety Assessments

# WORKSHOP STRUCTURE

<b>Thu 11/06</b>	09.00 - 12.30 (3.15 + 0.15 break)	12.30 13.30 Lunch	13.30 - 16.30 (2.45 + 0.15 break)
<b>Fri 12/06</b>	09.30 - 12.45 (3.00 + 0.15 break)	12.45 13.45 Lunch	13.45 - 14.45 (1.00)

## Day 1 - 11th June 2009

- 09.00 - 09.30 Welcome and round-table introduction
- 09.30 - 10.15 Introduction Safety Assessment Burden or Easy Task?  
(EUROCONTROL Gilles LE GALO)
- 10.15 - 14.30 Exercise Airspace Change  
(Includes 1.15 for lunch and other breaks)
- 14.45 - 15.30 Generic and Local Safety Cases  
(EUROCONTROL Gilles LE GALO)
- 15.45 - 16.45 EATM/ANSP Partnership Example ADSB-NRA Part 1  
(EUROCONTROL Gilbert CALIGARIS & Mesut GURBUZ)

## Day 2 - 12th June 2009

- 09.30 - 10.30 National Case - Changes in VFR Operations  
(Cyprus DCA Petros STRATIS)
- 10.30 - 10.45 Break
- 10.45 - 11.45 Example from other high-risk industry  
(European Railway Agency Thierry BREYNE)
- 11.45 - 12.45 Example from other high-risk industry  
(International Atomic Energy Agency Nicolas TRICOT)
- 12.45 - 13.45 Lunch Break
- 13.45 - 14.45 Session Closing and Feedback

# SESSION MATERIAL

The material distributed during the workshop is also available electronically via  
[http://www.eurocontrol.int/safety/public/standard\\_page/2009\\_SASI\\_Working\\_Sessions.html](http://www.eurocontrol.int/safety/public/standard_page/2009_SASI_Working_Sessions.html)

## SASI PROJECT

For more information on the SASI Project please refer to  
[http://www.eurocontrol.int/safety/public/standard\\_page/sasi.html](http://www.eurocontrol.int/safety/public/standard_page/sasi.html)  
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# THE SPEAKERS



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Gilles LE GALO currently works as a Safety Expert and is also a SASI Executive Board member. He started in aviation as an ATCO/OJTI at Nice Airport and later transferred to the Bordeaux ACC. After 15 years of ATC he changed for an overseas career in the field of Technical Assistance providing support to ANSPs when upgrading their ATM system. He joined EUROCONTROL for his third contract in May 2004.



**Gilbert CALIGARIS**

Gilles Caligaris joined EUROCONTROL in 1992 after working for Thales and Syseca. His background is Surveillance, he has been in particular involved in the development of the ARTAS (ATM surveillance Track And Server) system and he is now the CASCADE (Cooperative ATS through Surveillance and Communication Applications Deployed in ECAC) Programme lead for the Safety activities on ADS-B applications. He is a graduate of ISI (Informatique et Sciences de l'Ingénieur – Sophia Antipolis).



### **Mesut GURBUZ**

with a background as an Air Traffic Controller in Turkey he also worked in various projects within the DHMI Head Quarters. He was the co-leader of the operational team formed for the ATM modernisation project in Turkey.

He joined recently to CASCADE team in EUROCONTROL and participated in the production of Local Safety Case for Trabzon ADS-B-NRA implementation.



### **Petros STRATIS**

Petros STRATIS, 41 years, with a background in Electronic Engineering, works since 1994 as Air Traffic Control Officer in Cyprus and for the last 12 years has been a Radar Area Controller in Nicosia ACC. He is also a qualified safety auditor. In 2006 Petros was part of a three-man team, seconded to EUROCONTROL, with the task of setting up the Cyprus NSA, in accordance with the Single European Sky requirements. His main field of expertise is Safety Auditing and Safety Assessments.

In 2007 he was appointed as BLUE MED FAB Project Manager for Cyprus

Before joining Cyprus DCA, Petros was service manager at a telecom provider and a part-time college tutor.



### **Thierry BREYNE**

Thierry BREYNE, 43 years, works since June 2005 as Project Officer in the Common Safety Method (CSM) and Common Safety Target (CST) team of the Safety Unit within the European Railway Agency. From the 1st of February 2007, he is the Head of the Safety Assessment Sector having in charge the development of the Common Safety Methods on Risk Assessment and the Common Safety Targets.

Thierry BREYNE has a 17 year experience in safety especially in the Railway Sector, where he worked for ALSTOM Transport. Before joining the Agency, he was the Safety Assurance Manager of a Team of 35 persons for the ALSTOM ERTMS Business Unit. He had to develop and apply, in compliance with the CENELEC Standards, an efficient common framework for safety assessments of all ALSTOM ERTMS Projects in different European Countries.



### **Nicolas TRICOT**

With a background of nuclear reactor physics engineering, joined the International Atomic Energy Agency at the end of 2006 as Safety Officer in the Division of Nuclear Installations Safety. He is in charge of the safety analysis of nuclear power plants (performing deterministic and probabilistic safety analysis). This activity includes the development of international safety standards and the performance of generic reactor safety reviews aimed at verifying the compliance of the design of the new generation of nuclear power plants with the IAEA's safety standards.

Previously he was Strategic Programme Director the Institute for Radiological Protection and Nuclear Safety (IRSN), the technical support organization of the French Nuclear Safety Authority. and International Relations Coordinator in charge of various projects led by the European Commission.

## NEXT SASI EVENT

### Experience Sharing on Safety Surveys

17 - 18 September 2009 - EUROCONTROL - Brussels

# WEBSITEinfo [www.eurocontrol.int/esp](http://www.eurocontrol.int/esp)

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