



# A way forward Safety regulatory aspects

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# 2008 EMAC ATM Safety & Quality Framework Maturity Study





# Presentation Content



## Contents

**NSA and SES legislation**

**Commission Regulation 1315/2007**

**How to achieve the objective?  
A way forward**

**YOUR FEEDBACK**

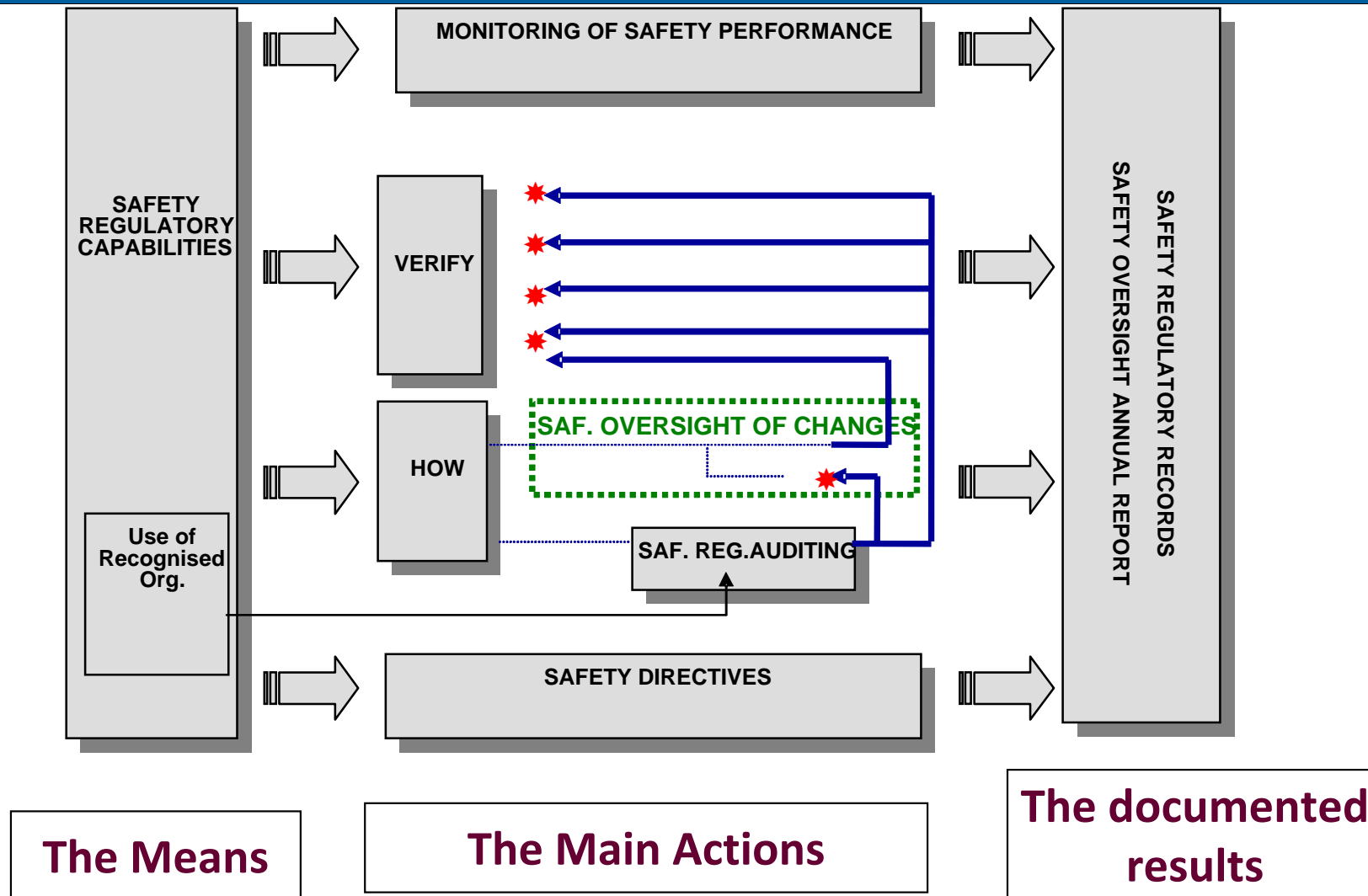


# National Supervisory Authorities (NSAs)

- **SES legislation - the four SES regulation provide the basis**
- **Establishment of the NSA - Regulation 549/2004 (Framework regulation)**
- **Tasks of the NSA - Regulation 550/2004 (Service provision regulation)**
- **Certification and designation of Air Navigation Service Providers - Regulation 550/2004 and Commission Regulation 2096/2005 (Common Requirements)**
- **Requirements for Safety oversight in air traffic management are included in Commission Regulation 1315/2007 (Safety oversight in air traffic management)**

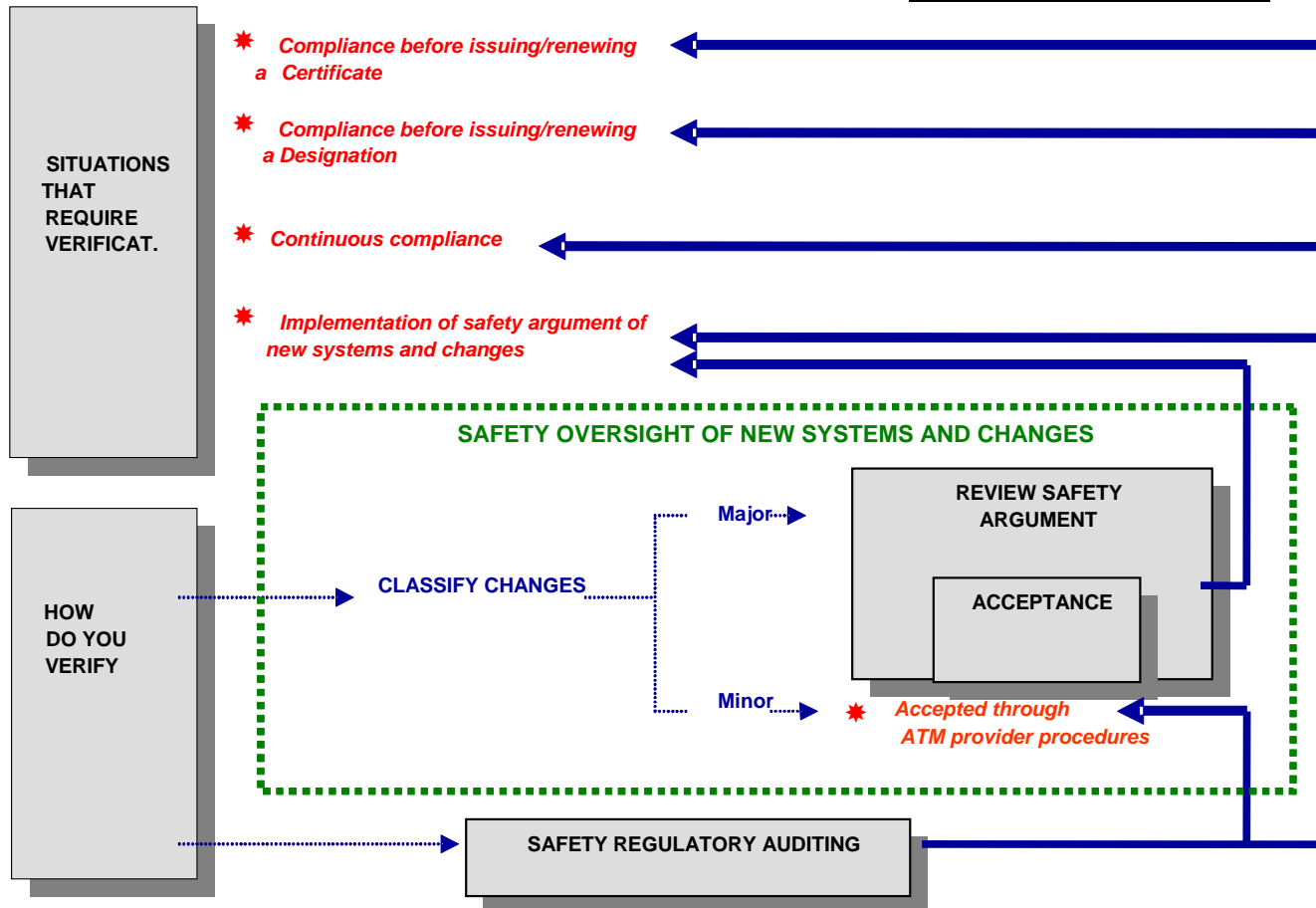


# Commission Regulation 1315/2007 (schematic)



# The Basic Process

THE BASIC PROCESS IN DETAIL



This is an expanded diagram to explain the basic process

Some input regarding classification of changes are used from ESARR 1.

Commission Regulation 1315/2007 does not (yet) provide for such classification.

We find this useful for those NSA that are starting the work.



# VERIFICATION OF COMPLIANCE IS REQUIRED

- **CERTIFICATION** of service providers (capability to provide services)
- **DESIGNATION** of service providers (to operate in specific blocks of airspace)
- **CONTINUOUS COMPLIANCE** with applicable safety requirements
- **NEW SYSTEMS** and **CHANGES** to the **ATM SYSTEM** (safety related conditions)



# TWO MAJOR PROCESS PROVIDE THE TOOLS TO ADDRESS SUCH SITUATIONS

- **SAFETY REGULATORY AUDITING**
- **SAFETY OVERSIGHT OF NEW SYSTEMS AND CHANGES**
  - **Classification of changes**
  - **Review of safety arguments**
  - **Acceptance and auditing of the procedures used by service providers to deal with changes not subject to acceptance by NSA**



# ADDITIONAL TWO REQUIREMENTS

- **MONITORING OF SAFETY PERFORMANCE**  
(supports all the processes operated by the NSA)
- **SAFETY DIRECTIVES**
  - are issued by the NSA
  - if any of the processes described before identify any unsafe condition in the system



# HOW to establish all these? (1)

## **KNOLEDGE and TRAINING**

- **SAF – AUDIT: auditing techniques**
- **NSA – ORG: basic information about the NSA functions**
- **LICENSING with a focus on ATCO – Oversight of the arrangements to establish the competence for ATCOs**
  - **Use of the tools to maintain records and issue licenses;**



# HOW to establish all these? (2)

## **WORKING SESSIONS**

- **MONITORING OF SAFETY PERFORMANCE**
- **SAFETY OVERSIGHT OF CHANGES**
- **SAFETY DIRECTIVES, RECORDS AND ANNUAL SAFETY OVERSIGHT REPORT**



# HOW to establish all these? (2)

## YOUR SUGGESTIONS ABOUT THIS?

- .....
- .....

## WHAT ARE THE GAPS YOU FEEL NEED TO BE COVERED?

.....

.....



**Thank You**

