SM ICG Overview

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Why are we here?

- Advancing a common understanding and application of Safety Management
- As Regulators we are responsible for establishing our State Safety Programs
  - SSP and SMS are interdependent
- Oversight of SMS can have a significant impact on its effectiveness
- Sharing tools and guidance
- SMS can be misunderstood or misinterpreted
- Pushing the boundaries of SMS thinking

SM ICG Background

- Established in February 2009

    – Initial participants were EASA, FAA, ICAO and TCCA

    – Expanded to include Australia, New Zealand, Brazil, Japan, and representing EASA States; UK, Spain, Switzerland, France, Netherlands, Italy and Finland

    – Observers: Hong Kong, ICAO and United Arab Emirates

- Meetings are scheduled twice a year and include an industry day for the exchange of information.

    – Supported by teleconferences

Purpose of SM ICG

- To promote a common understanding of safety management principles and requirements, facilitating their application across the international aviation community

  - Collaborate on common SMS/SSP topics of interest

  - Share lessons learned

  - Encourage the progression of a harmonized approach to Safety Management

  - Share products with the aviation community

  - Collaboration with international organizations such as ICAO and civil aviation authorities that have implemented or are implementing SMS and SSP

Benefits

- Sharing of lessons learned and best practices

- Avoiding duplicating of efforts for States

- Assist in developing robust and affordable safety management systems

- Efficient oversight of multi-national organizations

- Assist in developing robust and affordable safety management systems

- Increasing knowledge on SSP and SMS

- Benefits for the aviation industry

  - Potential harmonization of SMS requirements and activities

  - Guidance material and tools

SM ICG Boundaries and Assumptions

- SM ICG established for collaboration/ harmonization

- Does not have authority over any of the participating organizations

- Members participate voluntarily in the SM ICG

- Representatives are expected to speak for their organization

- Representatives are expected to seek their organizations commitment or suggested improvements to outputs

SM ICG Interfaces

- Industry, Industry Associations and other related groups

- CAST/ECAST, ICAO, and other comparable organizations

- ICAO Safety Management Panel

- Authorities that have implemented or are implementing SMS/SSP

SM ICG Published Products

- 10 Things You Should Know About SMS

- A Common Approach to Safety Performance

- Measuring Safety Performance – Guidelines for Service Providers

- A Systems Approach to Measuring Safety Performance – The Regulator Perspective

- Development of a Common Hazard Taxonomy

- The Senior Manager's role in SMS

- The Frontline Manager's role in SMS

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SM ICG Published Products (cont.)

- SMS Evaluation Tool

- Safety Management Terminology

- Risk Based Decision Making

- Recommendations for Regulators on SSP and SMS implementation

- SMS Inspector Competency Guidance

- Hazard Taxonomy Examples

- SSP Assessment Tool

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SM ICG on SKYbrary

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Description

The Safety Management International Collaboration Group (SM ICG) was founded by the United States Federal Aviation Administration, the European Aviation Safety Agency and Transport Canada Civil Aviation and is a joint cooperation between many regulatory authorities for the purpose of promoting a common understanding of safety management principles and requirements and facilitating their implementation across the international aviation community.

Read more

SAFETY MANAGEMENT SM ICG INTERNATIONAL COLLABORATION GROUP

Standardization

- Development of a Common Hazard Taxonomy
- Hazard Taxonomy Examples
- Safety Management Terminology

Promotion

- 10 Things You Should Know About SMS
- Industry Day Events
- The Frontline Manager's Role in SMS
- The Senior Manager's Role in SMS

Guidance/Tools

- A Common Approach to Safety Performance Measurement (SPMA) Paper
- A Systems Approach to Measuring Safety Performance – The Regulator Perspective
- How to Support a Successful SSP and SMS Implementation – Recommendations for Regulators
- Measuring Safety Performance Guidelines for Service Providers
- Risk Based Decision Making Principles
- SM ICG SMS Evaluation Tool
- SMS Inspector Competency Guidance
- SSP Assessment Tool

Resources

- SM ICG Description Paper
- SM ICG Findings on SMS Equivalence
- SM ICG Terms of Reference

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Coming Soon to SKYbrary

- Safety Performance Measurement Approach (SPMA) Process

- SMS for Small Organizations (Guide)

- SMS for Small Organizations - Considerations for Regulators (Guide)

- Considerations for SMS Integration

Current Projects

- Acceptable Level of Safety Performance (ALoSP)

- Establishing a SMS Training Program Outline for Regulatory Inspectors.

- How to Measure Costs and Benefits of SMS (both for regulators and industry organisations)
  - We want your feedback on this topic today
  - Will distribute a survey prior to a coffee break

Future Projects

- SMS Implementation Guidance for Design and Manufacturing

- Future State of Safety Data Analysis, Process, and Sharing Culture Assessment Guide

- Guidance for the Development and Approval of Safety Cases

- Develop Definitions and Criteria/Guidance for Performance Based Oversight (PBO) and Risk Based Oversight (RBO)

- Safety Culture Tool for Regulators

- Framework for Third Party Approvals of SMS Service Providers

- Human Factors Integration into SMS

- Best Practices for Culture/Change Management in the Regulatory Workforce

- Competency and Training Requirements for a Safety Manager

- Review and consider enhancements to existing SM ICG material

What else could we do?

Next Steps for SM ICG

- Continue to develop and publish products that are useful for states and industry

- Support the implementation of SSP and SMS

- Expand our outreach to gain greater participation and global representation

- Increase the sharing of information with industry

  - Industry days

- Encourage greater use of products globally through translated versions

- Seek feedback on our products to validate their usefulness