IATA Operational Safety Audit (IOSA) - SMS Strategy

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Riga , 10-11 April 2014

AGENDA

↗ IATA – SMS Activities

↗ IOSA – SMS Principles

↗ IOSA – Moving Forward

IATA SMS Activities

IATA Supports SMS Implementation

↗ Cooperative SMS efforts between industry, ICAO and regulators –

- • ICAO SAFETY MANAGEMENT PANEL

  - - ANNEX 19 on Safety Management

  - - Future Work on SSP / SMS provision amendments / ERP / Protection of Safety data and information

↗ Safety Data & Analysis Services – FDA / FDX / STEADES*

↗ Direct implementation assistance to airlines and others in industry

↗ IOSA Standards & Recommended Practices

* Flight Data Analysis – FDA / Flight Data Exchange – FDX / Safety Trend Evaluation, Analysis and Data Exchange System – STEADES

IOSA SMS Principles

IOSA Programme

↗ **Global programme**, built on ICAO standards and industry best practices;

↗ **Internationally recognized** and accepted evaluation system implemented consistently

Goals

↗ *Improve Safety worldwide*

↗ *Reduce Number of audits*

BEFORE IOSA

AUDIT SHARING

Where does IOSA fit?

ICAO	FAA	Regulatory oversight
↗ **Fully complementary** to USOAP Recognized for safety benefits at ICAO 35th Assembly and ICAO Safety conference ↗ MoC on data sharing between IOSA and USOAP	↗ Accepted by FAA under **DOT/FAA Code-share Safety Guidelines**	↗ **Not intended** to replace Regulatory Oversight ↗ Can most definitely **complement it** ↗Some states are mandating IOSA -Turkey, Chile, Madagascar, Mexico, Brazil, Costa Rica, Panama -Other States considering

Audit Scope

IOSA

ORG – *Organization & Management System*

FLT – *Flight Operations*

DSP – *Flight Dispatch*

MNT – *A/C Engineering & Maintenance*

CAB – *Cabin Operations*

GRH – *Ground Handling*

CGO – *Cargo Operations*
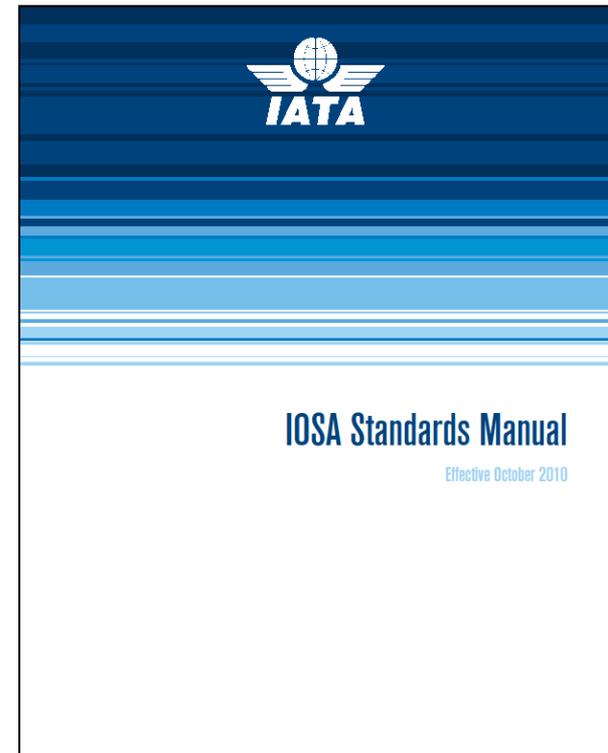
SEC – *Operational Security*

Bottom line: A registered IOSA operator will have ICAO core SMS elements in place

Safety Management System Implementation and Integration

↗ Fundamental safety management concepts incorporated in the seventh edition of the IOSA Standards Manual (ISM) published 2013

↗ Identified as "requirements" in ORG Section

↗ e.g. Accountability, management review, policy, planning, communication, resources, quality management and processes and emergency response
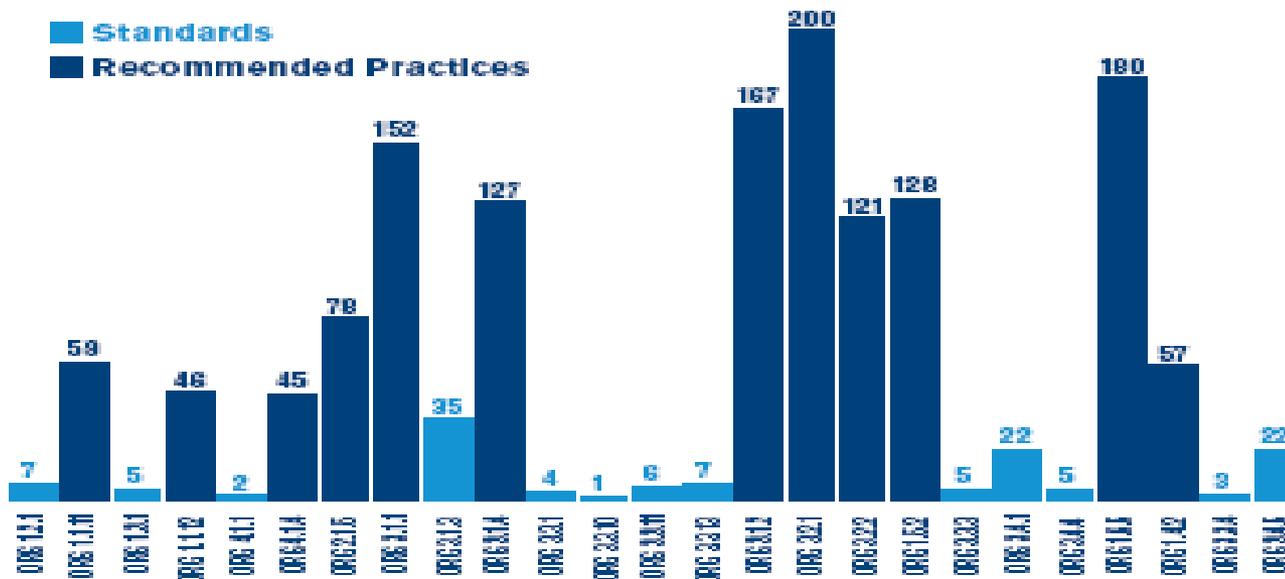
The "SMS" IOSA

- ↗ IATA integrated all elements of ICAO SMS framework into IOSA (Oct. 2010)

- ↗ 62 SMS Provisions total (29 new)

- ↗ IOSA helps to manage the transition to SMS

IOSA Standards Manual

Effective October 2010

IOSA SMS Audit Results

↗ SMS designated SARPs introduced in 2010

↗ Over 330 audits since

↗ Significant implementation to date ~ much yet to be done

IOSA Moving Forward

Enhanced IOSA – The Next Level

Four Pillars

Continuity

- Requires ongoing conformity with IOSA standards through self auditing

Implementation

- Renewal audit focused on implementation of IOSA Standards and Recommended Practices

Reliability

- Demands robust quality assurance system

Standardization

- Continual improvement of IOSA audit methodology

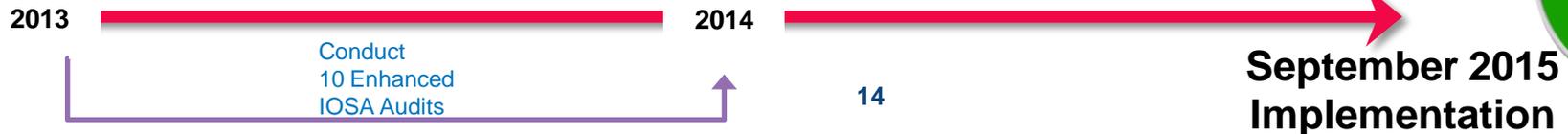# Enhanced IOSA – The Next Level

Benefits

Increased effectiveness of evaluation of operational practices

Supports airlines embedding ISARPs in daily operations

Improves regulatory interface through confidence in airline's management system

2013

2014

Conduct
10 Enhanced
IOSA Audits

14

September 2015 Implementation

IOSA – Next Steps

↗ IOSA SMS Strategy

- Strategy upgrades all SMS provisions by 2016
- Will reflect ICAO SMP work
- Supporting workshops to be conducted in all Regions

↗ SMS Implementation Guide

- Practical guidance on implementing SMS elements
- Scheduled to be released concurrently with ICAO SMM Ed3

IATA's Safety Goal

To lead the global airline commitment for continuous improvement in safety

Thank you