ICAO EUR/MID Radio Navigation Symposium

ICAO USOAP PQs

Antalya, Turkiye
(6-8 February 2024)

Radhouan Aissaoui

Elements of the discussion

01 Introduction to USOAP

02 Protocol Questions (PQs)

03 Frequent shortcomings

04 Significant Safety Concerns (SSCs)

05 Status of SSCs

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What is the Universal Safety Oversight Audit Programme (USOAP)?

The Universal Safety Oversight Audit Programme (USOAP) is a programme through which ICAO monitors the fulfillment of the safety oversight obligations by its Member States.
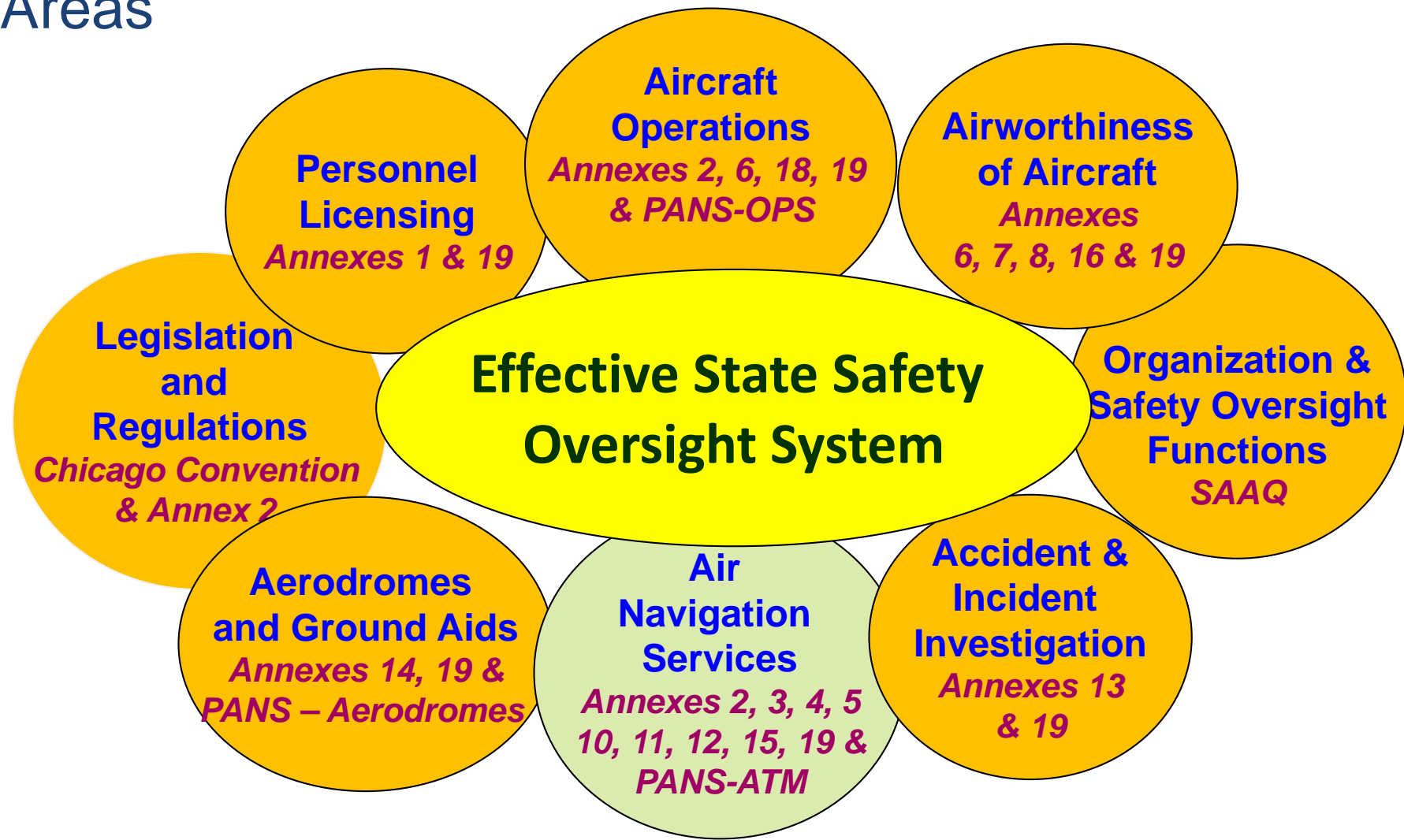
ICAO carries out audits and other monitoring activities to determine the safety oversight capabilities of its Member States.

Universal Safety Oversight Audit Programme
Continuous Monitoring Approach
(USOAP CMA)

Audit Areas

Personnel Licensing
Annexes 1 & 19

Aircraft Operations
Annexes 2, 6, 18, 19 & PANS-OPS

Airworthiness of Aircraft
Annexes 6, 7, 8, 16 & 19

Legislation and Regulations
Chicago Convention & Annex 2

Effective State Safety Oversight System

Organization & Safety Oversight Functions
SAAQ

Aerodromes and Ground Aids
Annexes 14, 19 & PANS – Aerodromes

Air Navigation Services
Annexes 2, 3, 4, 5 10, 11, 12, 15, 19 & PANS-ATM

Accident & Incident Investigation
Annexes 13 & 19

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Protocol Questions (PQs)

✈ Primary tool used to assess States' safety oversight capabilities, for each CE.

✈ Enable standardization in the conduct of USOAP CMA activities.

✈ 122 PQs in ANS

PQ No.	Protocol Question	Guidance for Review of Evidence	ICAO References	PPQ	CE
7.393	Does the State ensure that requirements for flight inspection are established and periodical flight inspections are provided for radio navigation aids?	1) Review mechanism established to ensure effective implementation. 2) Review flight inspection regulations and procedures. 3) Verify flight inspection reports.	STD A10 Vol. I, 2.2 & C3 GM Doc 8071 Vol. I, C1 to C7	Yes	CE-7

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PQ No.	Protocol Question	Guidance for Review of Evidence	ICAO References	PPQ	CE
7.247	Does the State ensure that all IFPs comply with measures that control the quality of the process (including obstacles check)?	1) Review mechanism established to ensure effective implementation. 2) <mark>Verify reports and results of flight validations (including assurance that adequate obstacle clearance has been provided).</mark> 3) Review how the State ensures that IFP packages also include a list of relevant obstacles and identification and description of controlling obstacles.	STD A11 App. 7, 5 Doc 8168 Vol. II, Part I, Section 2, C4, 4.1.2 & 4.6.1 Doc 9906 Vol. 1 & Vol. 5	Yes	CE-6

PQ No.	Protocol Question	Guidance for Review of Evidence	ICAO References	PPQ	CE
7.247	Does the State ensure that flight procedures are in accordance with the criteria promulgated by the State?	1) Review mechanism established to ensure effective implementation. 2) Verify that AIP procedures have been approved in accordance with the criteria promulgated by the State. 3) Sample approval records, as applicable: a) SID procedures (departures and arrivals) b) Approach procedures c) Circling procedures d) En-route procedures e) Holding procedures, etc.	STD A11 2.34 & App. 7 Doc 8168 Vol. II GM 9906 Vol. 1, 7.10	Yes	CE-6

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Frequent Shortcomings in Flight Inspections of IFPs

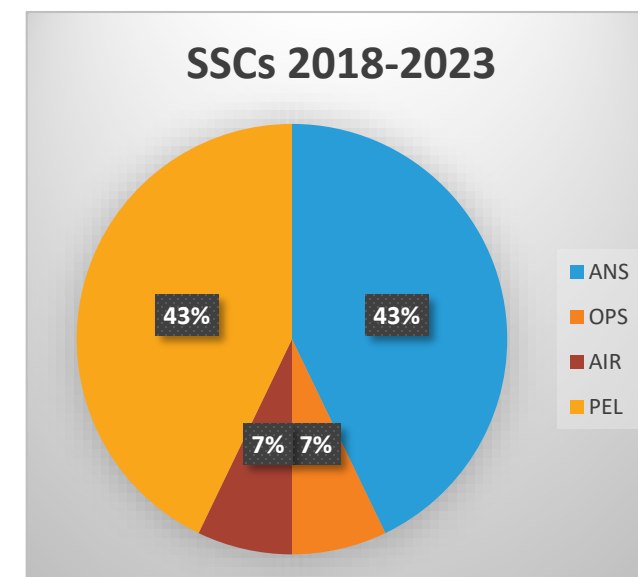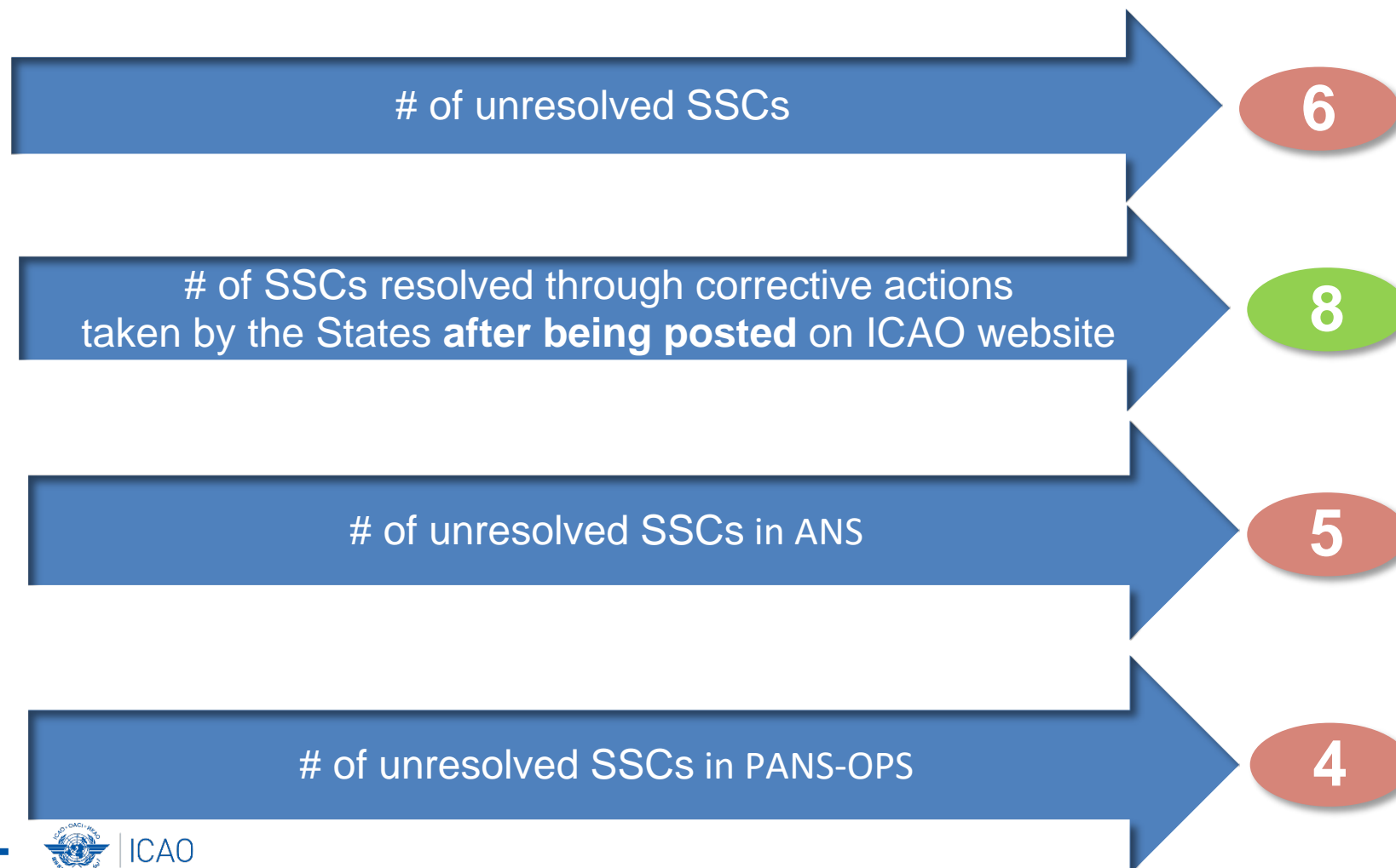|		
Some States have confused the flight Validations with Flight Inspections for radio navigation aids.	The States have not developed an approval process of the IFP, including guidance for the industry.	Some States easily dispense or omit the need to perform Flight validations without requesting alternative means to ensure the accuracy and completeness of all obstacles.

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Significant Safety Concerns (SSCs)

"An *SSC* occurs when the audited State allows the holder of an authorization or approval to exercise the privileges attached to it, although the minimum requirements established by the State and by the Standards set forth in the Annexes to the Chicago Convention are not met, resulting in an immediate safety risk to international civil aviation."

Reference: *EB 2010/7* dated 19 February 2010

Status of SSCs

of unresolved SSCs **6**

# of SSCs resolved through corrective actions taken by the States **after being posted** on ICAO website **8**

# of unresolved SSCs in ANS **5**

# of unresolved SSCs in PANS-OPS **4**

SSCs 2018-2023

- ANS 43%
- OPS 7%
- AIR 7%
- PEL 43%

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Thank You!