



ICAO

International Civil Aviation Organization

**The Eleventh Meeting of the APANPIRG ATM Sub-Group
(ATM/SG/11)**

Singapore, 2 – 6 October 2023

Agenda Item 3: Performance Frameworks and Metrics

ANS USOAP UPDATE

(Presented by the Secretariat)

SUMMARY

As the primary tool used in ICAO Universal Safety Oversight Audit Programme (USOAP) Continuous Monitoring Approach (CMA) for assessing the effective implementation of the eight critical elements (CEs) of a State's safety oversight system, Protocol Questions (PQs) are revised periodically by ICAO to reflect amendments to the ICAO provisions and reference documents. This working paper focuses on the annual update of Air Navigation Services (ANS) USOAP information.

1. INTRODUCTION

1.1 States' safety oversight capability can be determined by accessing the implementation of Protocol Questions (PQs). The PQs are organized by eight audit areas, each associated with one of the eight CEs. The eight audit areas are Primary aviation legislation and specific operating regulations (LEG); Civil aviation organization (ORG); Personnel licensing and training (PEL); Aircraft operations (OPS); Airworthiness of aircraft (AIR); Aircraft accident and incident investigation (AIG); Air navigation services (ANS); and Aerodromes and ground aids (AGA).

1.2 As per requirements by ICAO USOAP CMA, if a State has implemented all the elements of the PQ and has provided all the relevant evidence, it has fully addressed a PQ and the PQ is assessed as "satisfactory". If a State provides insufficient or no evidence of compliance with the elements outlined in the PQ, the PQ is assessed as "not satisfactory". The State is required to develop and implement a corrective action plan (CAP) that addresses all elements of the "not satisfactory" PQ, including the presentation of the necessary supporting documentation and evidence.

1.3 The current USOAP CMA Protocol Questions (PQs) are in the 2020 edition. There were no new 2023 ANS PQs.

2. DISCUSSION

Regional USOAP ANS Implementation Status

2.1 **Figure 1** provides an average level of Effective Implementation (EI) for the 37 States in APAC region that had been audited or received an USOAP activity. The average ANS-related EI of APAC region is 64.24% (September 2023). There are 22 States the ANS EI is above 60%. The data source was the USOAP Continuous Monitoring Approach (CMA) Online Framework (OLF)¹, which

¹ The USOAP CMA OLF is restricted access only to National Continuous Monitoring Coordinator (NCMC) and State users. Similar data is provided on the ICAO portal website, integrated Safety Trend Analysis and Reporting System (iSTARS 3.0); however, it may take time for the data to be updated.

reflected the 2020 version of PQs and recent USOAP activities such as CMA Audit (CMAA), ICAO Coordinated Validation Mission (ICVM), and Off-Site Validation Activity (OSVA).

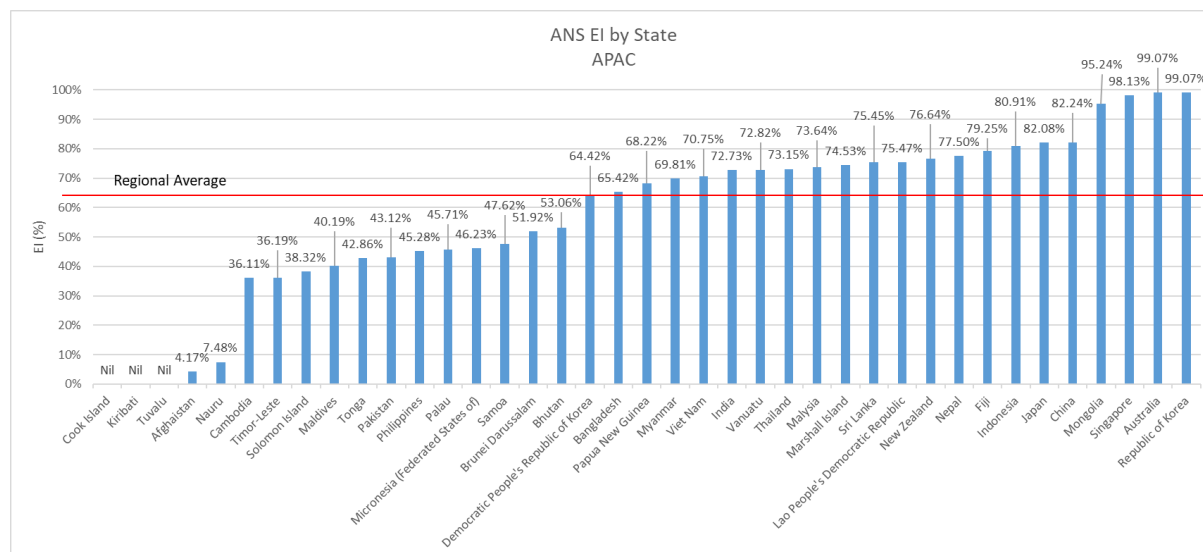


Figure 1: USOAP ANS EI Comparisons by State (September 2023)

2.2 **Figure 2** provides information on the Asia/Pacific Region's EI by Area/Critical Element.

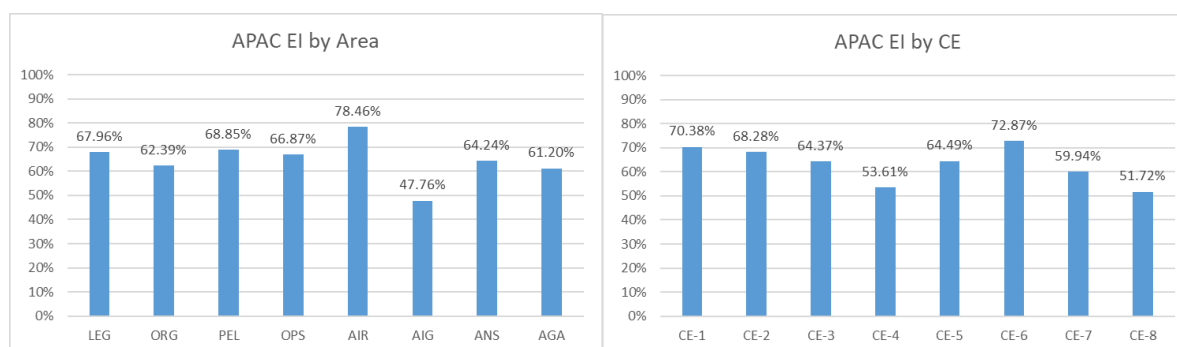


Figure 2: APAC EI by Area and Critical Element (September 2023)

USOAP activities in 2023 and 2024

2.3 As of the 29 June 2023, one CMA audit was completed in the APAC Region, along with one SSPIA and one Focused audit. In addition, one ICVM will plan for October 2023.

2.4 For 2024, four USOAP CMA activities have been scheduled in the APAC Region: three CMA audits, one ICVM.

2.5 **Figure 3** provides a summary of the global average level of ANS-related EI for the 187 States that were audited or received an USOAP activity, indicating that APAC is lower than the global average.

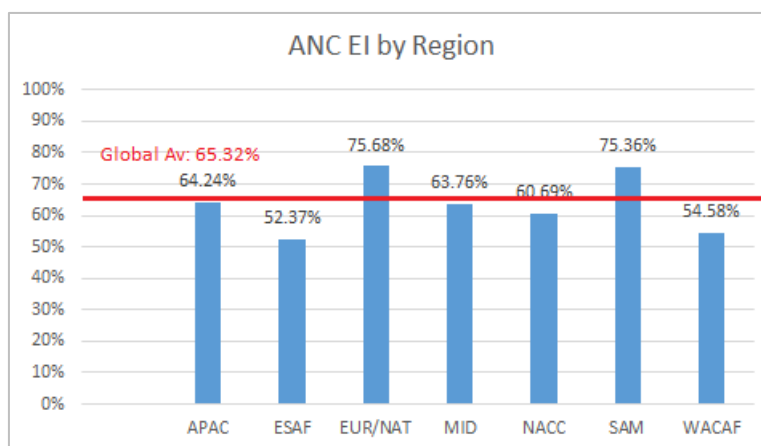


Figure 3: ANS EI by Region (September 2023)

USOAP CMA Workshops – planning status for 2024

2.6 USOAP CMA workshops have been conducted in ICAO Regional Offices and ICAO member States since 2013. Four workshops have been tentatively scheduled for 2024, one of them in Bangkok. The details will be shared in due course. (**Table 1**)

Location	Region	Dates
Bangkok, Thailand (regional)	APAC	TBD
Nairobi, Kenya (regional)	ESAF	TBD
Paris, France (regional)	EUR/NAT	TBD
Cairo, Egypt (regional)	MID	TBD

Table 1: USOAP CMA Workshops – planning status for 2024

3. ACTION BY THE MEETING

3.1 The meeting is invited to:

- a) note the information contained in this paper; and
- b) discuss any relevant matters as appropriate.

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