

**CANSO Operations and Safety Workshop**  
**Beyond the Pandemic: Collaborating for Safe and Sustainable Operations**

**Peer Review  
Mechanism in Focus**

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# Outline

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# Introduction

- The Africa ANSP Safety Initiative was launched in Montreal during the High Level Safety Conference in February 2015.
- **Objective**
  - Address some of the Air Navigation Challenges that the AFI Region was facing.
  - Enable participating ANSPs to standardize the elements of their Safety Management Systems in line with peers.
  - The initiative adopted CAN SO Standard of Excellence (SoE) in Safety Management Systems (SMS), CAN SO SMS Implementation Guide, and CAN SO Safety Maturity Survey as baseline guiding documents

# Introduction cont.

Pursuant to that the 21<sup>st</sup> AFI Planning and Implementation Regional Group (APIRG/21) meeting held between 09-11 October 2017 in Nairobi, the African Air Navigation Service Peer Review programme was discussed.

## Objective

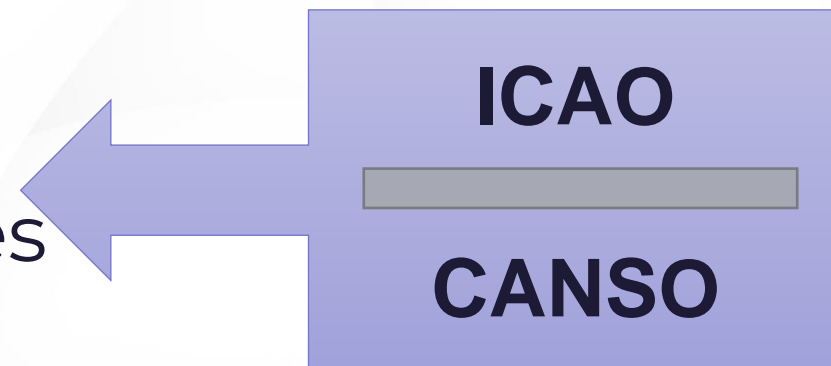
- Establish a peer review mechanism among and / between ANSPs to improve the capabilities of the ANSPs;
- Enhance the safety and quality of Air Navigation Services in the AFI region;
- Aims at continuously helping ANSPs improve the safety of air navigation in their areas of responsibility;
- To fulfil their obligations stemming from the Chicago Convention; particularly in terms of Air Navigation Services, including: ATS, the Design of Flight Procedures, AIS, Mapping, MET, CNS, SAR; and SMS.

# Introduction cont.

Activities of the Peer Review will be based on:

- Cross audits by independent teams of auditors from other ANSPs and other bodies of civil aviation;
- Sharing of experiences and best practices;
- Mutual assistance;
- Data protection.

❑ Current Peer Review Activities



# Review Mechanism

a. In the pilot ICAO Peer Review:

- Ghana (GCAA) and Madagascar (ASECNA)

**2<sup>nd</sup> to 4<sup>th</sup>  
October, 2019  
Ghana**

**14<sup>th</sup> to 18<sup>th</sup>  
October, 2019  
Madagascar**

# Review Mechanism cont.

b. The CAN SO AFI ANSP Peer Review Mechanism processes based on ANSP Groupings of at least three member states.

## Team 1

ASECNA, ATNS,  
Botswana CAA,  
Swaziland CAA

## Team 2

Uganda CAA, Tanzania  
CAA, Burundi CAA,  
Rwanda CAA and  
Kenya CAA

## Team 3

Ghana (CAA),  
Nigerian Airspace  
Management Agency  
(NAMA), Roberts  
Flight Information  
Region (RFIR).

## Team 4

Mozambique Airports,  
Malawi, Madagascar,  
Zimbabwe CAA,  
Zambia Airports

## Team 5

Morocco CAA,  
Tunisia, Algeria

## Review Mechanism cont.

### ❖ The Peer Review Activities for Team 3

- ❑ First Meeting in Lagos, Nigeria on the 16<sup>th</sup> – 17<sup>th</sup> of November 2017, where NAMA activities were reviewed by GCAA and Robert FIR
  
- ❑ Second meeting was held in Accra from the 6<sup>th</sup> – 8<sup>th</sup> February, 2018, where GCAA activities were reviewed by NAMA and Robert FIR
  
- ❑ Third meeting held in Monrovia from the 1<sup>st</sup> – 3<sup>rd</sup> August, 2018, where Roberts FIR activities were reviewed by GCAA and NAMA.



# Review Mechanism cont.

In accordance with the provisions of the programme manual.

## Review Modalities

### □ ***Pre-review activities***

- The Review Protocol Questions (PQs) were sent to the ANSP undergoing the review prior to the on-site activities to assess their level of effective implementation.
- The document was filled and returned to the two other ANSPs team members before the Peer Review.

# Review Mechanism cont.

## □ ***Pre-review activities cont.***

- On-site activities were performed according to a schedule which included visits to
  - ✓ Area Control Centres,
  - ✓ Aerodrome Control Towers,
  - ✓ Communication, Navigation and Surveillance Equipment Facilities,
  - ✓ Aeronautical Information Services Offices,
  - ✓ Meteorological Services Offices,
  - ✓ Rescue and Fire Fighting Services Stations

# Review Mechanism cont.

## □ ***Pre-review activities cont.***

- Areas of operations reviewed included.
  - ✓ Air Traffic Services (ATS);
  - ✓ Flight Procedures Design;
  - ✓ Aeronautical Information Service (AIS);
  - ✓ Meteorological Service (MET);
  - ✓ Communications, Navigation, Surveillance (CNS); and
  - ✓ Safety Management System (SMS).

# Challenges

- Inability to follow up on findings and ensure their final resolution.
- Second and third rounds of the Peer Review could not be conducted, partly due to financial challenges and travel ban brought about by COVID-19.
- Attempts to conduct subsequent online reviews were not possible since the On-site visits were critical and major aspects of the review process.
- Language differences / barriers, to some extent, was another challenge in the exercise.

# Fruitful Outcomes

The peer review Programme for African ANSPs;

- Aided in the improvement of ANS infrastructure;
- Enhance safety and quality of air navigation service in the AFI Region as ANSPs are able to observe and learn from best practices among their peers;
- Enhanced services based on best practices as a result of observations and shared experiences.

# Way Forward

- Encourage cooperation and collaboration among the ANSPs in the AFI region to synergize their resources to improve safety in the region.
- Re-ignite the peer review mechanism processes, as part of the procedure, adopt, and facilitate the periodic peer review exchange visit among Partner ANSPs under the agreed framework.
- Based on the signed confidentiality agreement among ANSPs, support each other to address the identified weaknesses and retooling their SMS implementation plans and processes.
- Consider merging the two Peer Review exercises for effective and efficient implementation of the programme.
- The need to have almost all the technical manuals in English and French

# Updates from Lome

5<sup>th</sup> Meeting of the AFI Air Navigation Service Providers

*28<sup>th</sup> March – 1<sup>st</sup> April 2022*

*Lome, Togo*

## □ **Agenda Item 2**

- Review of the Status of Implementation of the recommendations of the AFI Air Navigation Service Providers (ANSPs) Peer Review Mechanism

# Updates from Lome cont.

## □ Challenges

- Low reporting/sharing on the implementation of **Pilot Peer Reviews CAPs**;
- Lack of **training** of Peer Reviewers;
- Lack of **consensus** on the use of the African ANSPs Peer Review Manual as reference for the conduct of reviews.



# Updates from Lome cont.

## □ Challenges

- Severe impact of the **COVID-19 Pandemic**;
- Peer Review Questionnaire **limited** to the ATS area;
- Lack of **clarity** in the definition of the scope of the peer review;
- **Language** barriers.

# Updates from Lome cont.

## □ Conclusions / Outcomes

- Adapt the **definition of the scope** of each review to the extent of activities to cover;
- ANSPs to make available to the reviewers the **documentation** in one of the alternate French/English language;
- ANSPs to **reinforce capacity** of their reviewers in alternate language;
- **Peer Reviewers Training Programmes** and Plans to be revised consolidated and effectively implemented;

# Updates from Lome cont.

## □ Conclusions / Outcomes

- **Peer Review Questionnaire** to be revised to include all ANS areas and beyond all related areas;
- The **African ANSPs Peer Review Manual** to be revised and approved as unique reference for the Peer reviews;
- Revitalize the activities of the African ANSPs **Peer Review Management Team**.

# Conclusion

The framework of the

- Peer Review Concept and its Objectives;
- Terms of Reference and Guiding principles;
- Programme phases and Guidance manual;
- Protocol questions;

formed the basis of the programme and have enhanced the quality objective, consistent and systematic process.



**THANK YOU**

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