

AFI SSR CODE ALLOCATION AND ASSIGNMENT REVIEW ASCAAR PROJECT 3 - WORKSHOP

ICAO ESAF

**27- 01-2020 NAIROBI,
KENYA**

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OUTLINE

COORDINATION WITH APIRG

DECISION AND CONCLUSION BY APIRG

COORDINATION WITH APIRG

- **Coordination with APIRG was through working papers at APIRG**
- **1 paper was presented at APIRG 21 in 2017 and a second at APIRG 22 in 2019**

COORDINATION WITH APIRG

Working Paper presentation {WP 07 (B2)}

➤ The paper highlighted the following;

- References

1. Operational requirements for CNS(OPREC) and RVSM & Operational Safety in ATS (ROSATS) priority projects
2. ICAO Doc 4444 – PANS ATM
3. ICAO Annex 10 Vol. IV

COORDINATION WITH APIRG

- Related ICAO Strategic Objective(s)

1. Enhance global civil aviation safety
2. Increase the capacity and improve the efficiency of the global civil aviation system
3. Minimize the adverse environmental effects of civil aviation activities

- ASCAAR project members

- Discussion

1. The SSR Codes allocation process ensured that;
 - All States/FIRs/blocks of airspaces are allocated SSR codes.
 - No multiple code allocations in States/FIRs/blocks of airspace.
 - FIRs/blocks of airspace code allocation/sharing schemes are considered.
 - Addressed concerns related to interoperability of CNS/ATM systems

COORDINATION WITH APIRG

2. To address safety concerns, ensure that;
 - No conflict in code allocation.
 - Availability of SSR codes for allocation and assignment.
 - Equitable distribution of allocated SSR codes
3. In order to increase the number codes for allocation, it was necessary to move from one (01) i.e. single Participating Area (PA) to multiple PA regime.
4. To achieve multiple PA past records of traffic routing were used
5. Reviewed current CAP to CMP that was accepted by AAO-SG in June 2018

COORDINATION WITH APIRG

-Action by the meeting

1. Consider and approve the AFI multiple PA SSR Code allocation system accepted by AAO – SG for use by AFI FIRs/Blocks of airspace;
2. Consider and approve the implementation in AFI of the SSR Code allocation proposal; and
3. Request AAO and IIM SG joint meeting to be held in order to upgrade ATM equipment and or activate functions in accordance with the technology improvement plan and interoperability criteria developed by the IIM/SG

DECISION BY APIRG

APIRG/22 Decision 22/03

➤ Revised AFI SSR Code Management Plan (CMP)

- The amendment proposals to the AFI SSR Code Management Plan (CMP) provided at Appendix 4B to this report are endorsed;
- The Secretariat should finalize and disseminate the revised CMP, and initiate the consequential amendments to the AFI Air Navigation Plan (eANP), ensuring coordination as necessary between the ICAO AFI and adjacent Regions; and
- In coordination with States, the Secretariat should monitor substantial developments such as air traffic increase, airspace restructuring, operational requirements, etc. and ensure that related proposals for amendment to the ANP are initiated in a timely manner

CONCLUSION BY APIRG

APIRG/22 Conclusion 22/04

➤ SSR Code Occupancy Time

- Effective 8 November 2020, the protection period will change from three hours to two hours; Protection period of more than 2hrs applied within specific FIRs should be justified by need taking into consideration of such factors as flight time across FIRs/Blocks of airspace as applicable, and supported by sound safety assessment in accordance with ICAO safety management provisions; and
- The Secretariat take necessary measures to amend the SSR code allocation table in the AFI ANP Doc 7474.

DECISION BY APIRG

APIRG/22 Decision 22/05

Collection of data on traffic volumes and patterns in the AFI Region and the interface with other ICAO Regions

The APIRG Traffic Forecast Group (TFG), with support of the Air Transport Bureau (ATB), take necessary action to obtain traffic data from States and traffic forecasts, in order to assess the relevance of the traffic information and data for use in reviewing the AFI SSR CMP elements

DECISION BY APIRG

APIRG/22 Decision 22/06

Workshops to Facilitate Implementation of the Revised SSR Code Management Plan

ICAO ESAF and WACAF Regional Offices arrange for workshops before **31 March 2020** to provide knowledge and awareness on the revised CMP, and to facilitate coordination between ATS Units.

THANK YOU