



ICAO

INTERNATIONAL CIVIL AVIATION ORGANIZATION

Twenty First Meeting of the Africa-Indian Ocean Planning and Implementation Regional Group (APIRG/21) (Nairobi, Kenya, 9-11 October 2017)

Agenda Item 5: Regional Air Navigation Deficiencies

5.1. REVIEW AND UPDATE OF THE LIST OF AIR NAVIGATION DEFICIENCIES

(Presented by the Secretariat)

| SUMMARY |
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| <p>The Planning and Implementation Regional Groups (PIRGs), have adopted the Council approved uniform methodology for the identification, reporting and assessment of regional Air Navigation deficiencies against the ICAO Standards and Recommended Practices (SARPs) and Regional Air Navigation Plan (ANP) requirements.</p> <p>This working paper reviews the deficiencies affecting the air navigation system in the AFI Region.</p> <p>Action by APIRG is contained in Paragraph 3.</p> |
| <p>Reference(s): ICAO Global Air Navigation Plan (GANP, Doc 9750)</p> |
| <p>Related ICAO Strategic Objective(s): A, B and E</p> |

1. INTRODUCTION

1.1 This working reviews the deficiencies affecting the performance of air navigation elements in the AFI Region.

2. DISCUSSION

Air Navigation Deficiency Database

2.1 The AFI Planning and Implementation Regional Group (APIRG) is primarily responsible for the development and maintenance of the AFI Air Navigation Plan (ANP, ICAO Doc 7474), as well as the identification and resolution of air navigation deficiencies.

2.2 The Uniform Methodology for the identification, assessment and reporting of Air Navigation shortcomings and deficiencies (henceforth referred to as Uniform Methodology) was prepared with the assistance of the planning and implementation regional groups (PIRGs) of ICAO and approved by the

ICAO Council for the efficient identification, assessment and clear reporting of Air Navigation deficiencies. **Appendix A** to this working paper provides a description of the Uniform Methodology.

2.3 In 2001, the Council approved the single definition for a shortcoming or a deficiency by retaining the word *deficiency* defined as “*a situation where a facility, service or procedure does not comply with a regional Air Navigation plan approved by the Council, or with related ICAO Standards and Recommended Practices, and which situation has a negative impact on the safety, regularity and/or efficiency of international civil aviation*”.

2.4 To support the implementation of the Uniform Methodology, every PIRG has developed its own unique deficiency database as a means of sharing safety information related to Air Navigation systems and viewed/used by that respective region(s) only. The sharing of safety information will become increasingly beneficial with the continued maturation of Safety Risk Management (SRM) and Safety Assurance (SA) processes contained within State Safety Programmes (SSPs) as well as Safety Management Systems (SMS). In either case, data aggregation will enhance identification of emerging safety issues, the monitoring of safety trends and benchmarking of safety performance among peer organizations.

2.5 The AFI Air Navigation Deficiency Database (ANDD) was developed and established in October 2011. However, for some reasons, consolidation work is still underway towards operationalization of this Air Navigation deficiency database. At the same time, there are challenges in monitoring and reporting on the status of implementation of the Regional Air Navigation Plan (ANP) requirements by States in a timely and effective manner, and maintaining the AFI Deficiency List properly.

List of Air Navigation Deficiencies

2.6 **Appendix B** to this working paper contains the list of deficiencies in the areas of air navigation, as reported by the Sub-groups of APIRG. These deficiencies are related to minimum reporting areas defined by the APIRG.

3. ACTION BY THE MEETING

3.1 The meeting is invited to :

- a) Review and update the list of deficiencies affecting air navigation in the AFI Region, and discuss remedial action for their elimination;
- b) Request the Secretariat to finalize the consolidation work towards a functional AFI Air Navigation database; and
- c) Request States to continue to provide to the ICAO Regional Offices updated information on the status of implementation of the Regional Air Navigation Plan (ANP) elements.

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