



# 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 7: Implementation Monitoring and Annual Reporting**

#### **MONITORING AND REPORTING ON THE IMPLEMENTATION OF THE REGIONAL AIR NAVIGATION PLAN REQUIREMENTS**

*(Presented by the Secretariat)*

<b>SUMMARY</b>
<p>This working paper reviews existing reporting requirements and proposes the establishment of an APIRG Air Navigation Reporting Team to comply with the Global Air Navigation Plan (GANP) prescription that the reporting, monitoring, analysis and review activities be conducted on a cyclical, annual basis.</p>
<p>Action by APIRG is contained in <b>Paragraph 3</b>.</p>
<p><b>Reference(s):</b></p> <ul style="list-style-type: none"> <li>• ICAO Global Air Navigation Plan (GANP, Doc 9750)</li> <li>• AFI Air Navigation Plan (Doc 7474)</li> </ul>
<p><b>Related ICAO Strategic Objective(s):</b> A, B, C and E</p>

### **1. INTRODUCTION**

1.1 This working paper reviews existing reporting requirements and proposes the establishment of an APIRG Air Navigation Reporting Team to comply with the Global Air Navigation Plan (GANP) prescription that the reporting, monitoring, analysis and review activities be conducted on a cyclical, annual basis on the status of implementation of the requirements of the ANP.

### **2. DISCUSSION**

#### *Identification and resolution of air navigation deficiencies*

2.1 The primary role of the AFI Planning and Implementation Regional Group (APIRG) includes the development and maintenance of the AFI Air Navigation Plan (ANP, ICAO Doc 7474), as well as the identification and proposals for the resolution of air navigation deficiencies, in accordance with the Uniform Methodology approved by the ICAO Council detailed in WP/14 of this meeting.

*Review and Evaluation of Air Navigation Planning*

2.2 In accordance with the Global Air Navigation Plan (GANP, Doc 9750), ICAO Regions, sub-regions and individual States through the PIRGs should establish their own Air Navigation priorities to meet their individual needs and circumstances in line with the Global Air Navigation Priorities.

2.3 In this regard, the APIRG/19 meeting (in 2013) established categories and priorities for the Aviation System Block Upgrades (ASBU) modules. It also endorsed the GANP Air Navigation reporting form (ANRF) recommended as the basis for performance monitoring relating to ASBU implementation at the regional and national levels. Accordingly, ANRFs were developed for all applicable modules and related elements, and they are reviewed and updated by APIRG Sub-groups as necessary.

2.4 Furthermore, the APIRG/20 meeting (in 2015) adopted a set of Air Navigation key performance targets to measure implementation progress in priority areas related to ASBUs and other regional performance objectives not mapped to ASBU modules. These targets – as may be amended from time to time by the APIRG – should be given due consideration in the monitoring and reporting process.

*Establishment of an APIRG Annual Reporting Team*

2.5 Considering the difficulties being encountered in obtaining accurate and timely information on the status of implementation of ANP requirements from States, the APIRG Projects Coordination Committee (APCC) has established an APIRG Annual Air Navigation Reporting Team (AANRT) which is tasked with developing the APIRG Annual Air Navigation Report based on available information, including air navigation deficiency list, global/regional reports, survey results, studies, gap analyses, etc. The initial membership of the AANRT includes ASECNA, ATNS, AIRBUS, IATA, and CANSO, supported by the Chairperson, Vice-Chairpersons and the Secretariat of the APIRG.

2.6 The full membership of the AANRT should be finalized by the APIRG/21 meeting, and should normally include representatives from States and relevant stakeholders, including air navigation service providers, airspace users, aircraft manufacturers, professional organizations, monitoring agencies, international/regional organizations, etc.

2.7 The First APIRG Annual Air Navigation Report should be released before the end of December 2017, and the AANRT was accordingly requested by the APCC to start its assigned work as soon as possible, and submit a progress report to the APIRG/21 meeting. A copy of the draft contents of the first report is provided as **Appendix A** to this working paper.

**3. ACTION BY THE MEETING**

3.1 Considering the Global Air Navigation Plan (GANP) requirement for annual reporting by ICAO Regions, the meeting is invited to :

- a) Review and endorse the establishment of an APIRG Annual Air Navigation Reporting Team involving States and relevant stakeholders; and
- b) Review the draft contents of the First APIRG Annual Air Navigation Report, and make recommendations to the AANRT as required.

## **APPENDIX A**

### **APIRG Annual Air Navigation Report - 2017**

#### **1. Executive Summary**

- 1.1. Objective
- 1.2. Background
- 1.3. Scope
- 1.4. New Organizational Structure of the APIRG
- 1.5. Traffic Overview
- 1.6. Structure of the Report

#### **2. Regional Targets And Achievements**

- 2.1. Aerodromes And Ground Aids (AGA)
- 2.2. Air Traffic Management (ATM) & Performance-Based Navigation (PBN)
- 2.3. Communications, Navigation And Surveillance (CNS)
- 2.4. Aeronautical Information Management (AIM)
- 2.5. Aeronautical Meteorology (MET)
- 2.6. Search And Rescue (SAR)

#### **3. Regional Air Navigation Priorities**

- 3.1. performance – Based Navigation (PBN)
- 3.2. ASBU Block 0 Modules Categorization and Prioritization
- 3.3. ASBU Implementation Status
- 3.4. RVSM Airspace Safety Monitoring

#### **4. Environmental Protection**

- 4.1. Developments related to Environmental Protection
- 4.2. States' Action Plan on Co<sub>2</sub> Emission Reduction

#### **5. Coordination And Cooperation**

- 5.1. Interregional Coordination
- 5.2. Coordination between APIRG and RASG-AFI
- 5.2. Air Navigation Services Providers Peer Review Programme

#### **6. Industry Initiatives**

- 6.1. Air Navigation Services Providers
- 6.2. Airspace Users
- 6.3. Airport Operators
- 6.4. Aircraft Manufacturers

#### **7. Challenges And Opportunities**

#### **8. Recommendations**

#### **Appendices**