



INTERNATIONAL CIVIL AVIATION ORGANIZATION

First Meeting of APIRG Infrastructure and Information Management Sub Group (IIM/SG/1) (Nairobi, Kenya, 27-30 June 2017)

6 AFI Air Navigation Reporting Forms

6.4 Regional IIM Dashboard

(Presented by Secretariat)

SUMMARY
<p>This paper presents the electronic tool under development by ICAO for the monitoring of the implementation of Global and Regional Air navigation Plans.</p> <p>Action by the meeting is at paragraph 3:</p>
<p>REFERENCE(S):</p> <ul style="list-style-type: none"> ▪ Doc 9750, <i>Global Air Navigation Plan</i> ▪ Doc 7474, <i>Air Navigation Plan — Africa-Indian Ocean Region</i> ▪ Report of AFI/RAN 7th meeting ▪ Report of Sp AFI/RAN 8 Meeting ▪ Report on APIRG Meetings ▪ Report on the meeting for the establishment of the APIRG IIM Sub Group ▪ ICAO iSTAR Webpage.
<p>Related ICAO Strategic Objective(s): A – Safety, B – Air Navigation Capacity and Efficiency, D – Economic Development of Air Transport, and E – Environmental Protection.</p> <p>Related ASBU KPIs & B0 Modules: All applicable to AIM, CNS and MET</p>

1. INTRODUCTION

1.1 The Twelve Air Navigation Conference recommended ICAO (**Recommendation 1/15 – Performance monitoring and measurement of air navigation systems**) to:

- a) Establish a set of common air navigation service performance metrics supported by guidance material, building on existing ICAO documentation (e.g. Manual on Global Performance of the Air Navigation System (Doc 9883) and the Manual on Air Navigation Services Economics (Doc 9161));
- b) Promote the development and use of “leading safety indicators” to complement existing “lagging safety indicators” as an integral and key component to drive improvement in performance and in the achieved management of risk; and
- c) Encourage the early and close involvement of the regulator and oversight bodies in the development, proving of concepts and implementation of the aviation system block upgrades and regional programmes

1.2 In this regard ICAO developed the integrated Safety Trend Analysis and Reporting System (iSTARS) with the aim to monitoring amongst others the implementation progress of the Air Navigation improvements against the objectives set forth by the Global Air Navigation Plan and the Regional Air Navigation plan.

The iSTARS Webpage can be reached at: <https://portal.icao.int/space/Pages/ANPage.aspx>.



2 DISCUSSION

2.1 The Global and Regional Air Navigation Plans have evolve towards a Performance Objectives Based concept. APIRG/20 meeting, Yamoussoukro, Cote d'Ivoire 30 November 02 December 2015, in consideration of recommendations on regional planning and implementation formulated by the AFI/RAN SP 8 meeting, Durban , November 2008 (**Recommendation 6/1—Regional performance framework, Recommendation 6/2—National performance framework, Recommendation 6/3 — Re-organization of the regional air navigation plan, Recommendation 6/4 — Re-organization of APIRG**) confirmed that a performance-based approach to planning of air navigation services and aviation safety offered an opportunity to strengthen a continent wide commitment to improving safety and efficiency, toward resolving deficiencies and addressing critical issues and that the objective should be to develop a comprehensive report which would contain a set of proposed work programmes based on performance objectives with measurable outcomes and metrics.

2.2 In consideration of the above a list of Air Navigation Services (ANS) Key Performance Indicators and Targets comprising operational and institutional targets at the national and regional levels was discussed and approved by APIR/20. They are being refined in order to be submitted to the approval of the AU Ministerial Board

2.3 Considering the Projects approach established by APIRG the performance of the status of implementation of the IIM projects will be assessed by the iSTARS through data are collected from States. Currently the ICAO APAC, EUR NAT MID Regions have provided enough data enabling the generation of Regional ANP performance figures. This data will also concur to the development of the Report on the implementation of the Global Air Navigation Air Navigation Plan.

2.4 It is therefore crucial for AFI Administration/Organization to regularly provide the system with consolidated accurate data by nominating a State's Focal Point.

2 ACTION BY THE MEETING

3.1 The meeting is invited to:

- a) Take note of the information presented in this working paper;
- b) Invite Administrations to nominate their State Focal Point for the collection of data on Air Navigation implementation
- c) Invite Administration and Organizations to regularly provide consolidated accurate data;
- d) Agree on further regional monitoring actions to be conducted.

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