International Civil Aviation Organization
Eastern and Southern African Office

Eleventh Meeting of the APIRG Air Traffic Services, Aeronautical
Information Services and Search and Rescue Sub-Group
(ATS/AIS/SAR/SG/11) [Nairobi, Kenya 26 – 30 April 2010]

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Agenda Item 2: **Follow up on SP AFI RAN Recommendations, Conclusions and Decisions**
within the Framework of APIRG relevant to the ATS/AIS/SAR SG

Agenda Item 6: **Performance – Based Navigation (PBN) and AFI ATS Route Network**

Review of AFI CNS/ATM Implementation Plan (Doc 003) Requirements
(Presented by IATA)

SUMMARY

This paper provides the ATM and CNS requirements contained in the AFI CNS/ATM Implementation Plan (Doc 003) – Systems Evolution Tables for en-route, terminal and aerodrome operations.

In accordance with ICAO SP AFI RAN 2008, Recommendation 6/1, the meeting is invited to review and update the attached AFI CNS/ATM Systems Evolution Tables.

This paper also supports the merging of the existing ATS/AIS/SAR and CNS Sub-groups as a single CNS/ATM Sub-group, in order to improve coordination and increase APIRG efficiency in addressing its work programme pertaining to CNS/ATM.

References:

- ICAO Special AFI RAN 2008 Report
- APIRG/16 Report
- AFI CNS/ATM Implementation Plan (D0c 003)

1. **Introduction**

1.1. The ICAO Special AFI RAN 2008 agreed that the performance objectives and the associated performance framework forms (PFFs) should be integrated into Doc 003 which should then be updated to serve as an integrated planning document *(Recommendation 6/1).*

2. **Discussion**

2.1. **Appendices A and B** to this working paper provide AFI CNS/ATM Systems Evolution Tables for En-route and TMA/Aerodromes operations respectively, as contained in the AFI Doc 003 – *CNS/ATM Implementation Plan*. The same tables are reflected in the AFI Air Navigation Plan (ICAO Doc 7474).

2.2.   The meeting may wish to review the information provided therein for AFI ATM operational objectives and related supporting CNS infrastructure, and make proposals for their amendments as required.

2.3.   The meeting's attention is drawn to the multidisciplinary nature of CNS/ATM implementation activities, which requires close and permanent coordination. Accordingly, this working paper supports the merging of APIRG ATS/AIS/SAR and CNS Sub-groups as a single CNS/ATM Sub-group, in order to ensure proper coordination and increase efficiency of CNS/ATM planning and implementation activities.

3.   Action by the meeting

3.1.   In coordination with the APIRG CNS Sub-group, the meeting is invited to:

a)   Review and update the ATM operational objectives and corresponding CNS infrastructure as shown in **Appendices A** and **B** to this working paper;

b)   Ensure that they are reflected in relevant regional ATM Performance Framework Forms (PFFs); and

c)   Accordingly request the Secretariat to coordonnate related draft amendment proposals to both the AFI CNS/ATM Implementation Plan (Doc 003) and AFI Air Navigation Plan (Doc 7474);