



INTERNATIONAL CIVIL AVIATION ORGANIZATION
AFI PLANNING AND IMPLEMENTATION REGIONAL GROUP
THIRTEENTH MEETING (APIRG/13)

(Sal, Cape Verde, 25 - 29 June 2001)

Agenda Item 4.5: Review of the Report of the CNS/ATM/IC/SG/3 Meeting

Review and update of the AFI CNS/ATM Implementation Plan
and
Future work programme of the CNS/ATM/IC/SG

(Presented by the Secretariat)

SUMMARY

This paper (WP/8C) presents the report on Agenda items 6, 7, 8 and 9 of the Third meeting of the CNS/ATM/IC Sub-group regarding amendments to Doc 003, AFI Implementation Plan and its future work programme.

Action by the Meeting is at paragraph 3.

References

CNS/ATM/IC/SG/3 Report
AFI CNS/ATM Implementation Plan, Doc 003, Version 5.0

1. Introduction

- 1.1 Under agenda items 6, 7 and 8, the Meeting discussed RVSM and RNAV/RNP implementation and formulated amendments to the AFI CNS/ATM Implementation plan. The Meeting was also briefed on the Egyptian initiative for a satellite system dedicated to CNS/ATM Implementation. The Sub-group also adopted its future work programme.

2. Discussion

2.1 Agenda Item 6: Review and update of the AFI CNS/ATM Implementation Plan

Task Force on RVSM and RNP Implementation

- 2.1.1 The Meeting reviewed proposals to amend the AFI CNS/ATM plan (Doc 003). These concerned RVSM and RNP. It was agreed that initial implementation of RVSM should be between FL350 and FL390 in the AFI Region, in order to provide more economic flight profiles to transcontinental operators. It was also agreed that RNP 5 should initially be introduced above FL350. The Meeting recalled ATS/AIS/SAR Sub-group draft Conclusion 6/43 recommending that the Airspace Management

Task Force established by APIRG (Decision 12/24) be tasked with RNP and RVSM implementation related activities. The Sub-group then discussed at length and finally agreed to a proposal for the establishment of a Task Force on RVSM and RNP implementation. It was agreed that Spain would be the rapporteur of the Task Force. The following draft conclusion and draft decision were adopted.

Draft Conclusion 3/20: Initial implementation of RVSM in the AFI Region

That RVSM be implemented in the AFI region coincidentally or soon after its implementation in the EUR Region, and initially between FL350 and FL390.

Draft Decision 3/21: Establishment of a Task Force on RVSM and RNAV/RNP implementation

That a Task Force dedicated to RVSM and RNAV/RNP implementation be established, with the terms of reference shown at **Appendix A**.

Composition: Algeria, Cape Verde, Egypt, Ethiopia, Kenya, Morocco, Nigeria, South Africa, Tunisia, Senegal, Spain (Rapporteur), ASECNA and IATA

Note 1: The Task Force should maintain close coordination with the ATS/AIS/SAR/SG ASM Task Force, and its terms of reference should be harmonized with those of the ASM Task Force.

Note 2: SATMA and Eurocontrol should be invited to assist the Task Force.

- 2.1.2 During the debates, the Sub-group also identified the need for seminars and workshops on RVSM and RNAV/RNP, and formulated the following draft conclusion.

Draft Conclusion 3/22: Seminars/Workshops on RVSM and RNAV/RNP

That ICAO and international organizations in a position to do so organize Seminars/Workshops on RVSM and RNAV/RNP in the AFI Region.

Amendment to Doc 003

- 2.1.3 The Meeting, taking into account the reports of the ICGs under Agenda Item3 and proposals formulated by the participants and the ATS/AIS/SAR Sub-group, adopted amendments to the AFI CNS/ATM Implementation Plan (Doc 003), and formulated the following draft conclusion.

Draft Conclusion 3/23: Amendment of the AFI CNS/ATM Implementation Plan (Doc 003)

That the AFI CNS/ATM Implementation Plan (Doc 003) be amended as shown at **Appendix B**.

2.2 Agenda Item 7: Briefing on CNS/ATM trials in the AFI Region

- 2.2.1 Under this Agenda item, Egypt updated the meeting on the proposal concerning a multi-mission satellite system for CNS/ATM implementation, called NAVISAT. The system is based on a dual mission concept:

- a) an aeronautical mission which will provide air/ground voice/data communications, voice/data fixed communications and a geo-stationary augmentation to GPS and possibly GLONASS; and
- b) a telecommunication mission for non-aeronautical users.

2.2.2 The Meeting expressed its satisfaction with the presentation and raised several questions relating to timescale, institutional issues, cost/benefit. The Sub-group decided to task the AFI GNSS Study Group to give further consideration to the proposal. In this regard, it was decided that Egypt would be a member of the GNSS Study Group. It was also agreed that members of the GNSS Task Force would be informed of the meetings of the AFI GNSS Study group. The Sub-group adopted Decisions in this regard (Decisions 3/24, 3/25 and 3/26).

2.3 **Agenda Item 8: Future work programme**

2.3.1 The Meeting reviewed its future work programme and adopted the following draft decision.

Draft Decision 3/27: Future work programme of the CNS/ATM/IC Sub-group

That the future work programme of the CNS/ATM/IC Sub-group be as shown at **Appendix C**.

2.4 **Agenda Item 9: Any Other Business**

2.4.1 NIL.

3. **Action by APIRG**

3.1 The APIRG is invited to:

- a) note the report of the Third meeting of the CNS/ATM/IC Sub-group regarding the further development of the AFI CNS/ATM Implementation Plan;
- b) review the work programme of the CNS/ATM/IC Sub-group;
- c) review and adopt **Draft Conclusions 3/20, 3/22, 3/23 and Draft Decisions 3/21 and 3/27**.
