



WORKING PAPER

**SPECIAL AFRICA-INDIAN OCEAN (AFI)
REGIONAL AIR NAVIGATION (RAN) MEETING**

Durban, South Africa, 24 to 29 November 2008

Agenda Item 6: Development of a set of comprehensive work programmes in the air navigation field, aimed at improving efficiency of the air navigation system (Efficiency Committee)

**IMPLEMENTATION OF ATLANTIC OCEAN RANDOM RNAV
ROUTING AREA (AORRA)**

(Presented by the International Air Transport Association (IATA))

SUMMARY

This paper urges SAT States and Organizations concerned to achieve full implementation of the Atlantic Ocean Random RNAV Routing Area (AORRA) as agreed by the Informal Coordination Group on the improvement of air traffic services over the South Atlantic (SAT).

Action by the meeting is in paragraph 2.

1. INTRODUCTION

1.1 Background information

1.1.1 The AFI Planning and Implementation Regional Group (APIRG) established the Informal Coordination Meetings on the improvement of air traffic services over the South Atlantic (SAT) as the CNS/ATM Implementation Coordination Group for the EUR/SAM Corridor – *Area of routing 1* - and AFI/NAT/SAM Interface – *Area of routing 2*.

1.1.2 This paper deals with the implementation of a random RNAV routing area in the South Atlantic (known as AORRA), as part of ATM applications aimed to significantly improve air navigation efficiency therein.

1.2 Implementarion of AORRA airspace

1.2.1 A phased approach has been adopted to implement AORRA as shown in the Appendix to this paper. To date, only Phase I has been successfully implemented in 2007 by Argentina, Angola, Brazil, South Africa and Uruguay.

1.2.2 At its 14th Meeting held in Montevideo in May 2008, the SAT Group agreed to proceed with the implementation of AORRA Phase II in December 2008, and adopted its Conclusion SAT/14-2, which reads as follows:

Conclusion SAT/14-2- Implementation of phase 2 of AORRA airspace

That States concerned:

- a) Publish by the AIRAC date of 23 October, 2008 a common AIP Supplement for implementing the phase 2 of AORRA airspace by 18 December, 2008; and
- b) Implement AORRA phases 3 and 4 by 17 December 2009.”

1.2.3 APIRG/16 reviewed recent achievements reached through the SAT mechanism, including the implementation of AORRA Phase 1, and recognized the need for SAT conclusions to be included in programmes of relevant PIRGS.

1.2.4 Despite the aforementioned SAT Conclusion 14-2, no follow up action has been taken by the Area Control Centres (ACCs) concerned in order to meet the agreed implementation date of 18 December 2008, with the exception of Brazil. Accordingly, the following recommendation is proposed to the meeting:

Recommendation 6/x — Full implementation of Atlantic Ocean Random RNAV Routing Area (AORRA)

That:

- a) States which have committed to the implementation of AORRA airspace Phase 2, do so as a matter of urgency.
- b) ICAO facilitate such implementation, in coordination with States and all stakeholders involved; and
- c) all AORRA implementation phases be included in the APIRG work programme.

2. ACTION BY THE MEETING

2.1 The Special AFI RAN Meeting is invited to adopt the draft recommendation at paragraph 1.2.4 above.

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