International Civil Aviation Organization

Tenth Meeting of the APIRG Air Traffic Services, Aeronautical Information Services and Search and Rescue Sub-Group

[Dakar, Senegal 12 – 15 May 2009]

Agenda Item 8:   Review of the ATS route network, including updating of the AFI ANP Table ATS1 (Doc7474).

Implementation of Direct Transitions to/from AORRA Airspace
(Presented by the International Air Transport Association)

Summary
This paper proposes additional direct transitions to/from AORRA airspace in order to optimize the benefits to be derived from random routing in the South Atlantic.
References: • SAT/14 Report   • SP AFI RAN 2008 Report

1.   Introduction

1.1.   The ICAO SP AFI RAN (2008) recommended that ICAO facilitate and coordinate implementation of all phases of AORRA and assist in determining a suitable date for AORRA Phase II implementation. AORRA Phase II was successfully implemented on 12 April 2009 by Angola, Brazil, Ghana and ASECNA. A first set of direct transitions to/from AORRA airspace was coordinated and published by the concerned Air Navigation Service Providers (ANSPs). However, users need additional direct transitions to increase flexibility and efficiency of operations.

2.   Discussion

2.1.   In coordination with users, IATA has identified the following additional direct transitions that are required from Waypoints on the existing Airway structure to discrete Latitude/Longitude Waypoints on the new AORRA Northern and Eastern boundaries, in order to optimize random routing benefits.

Abidjan FIS/Roberts/Dakar Oceanic FIRs
ABJ - Direct - N00 00/W009 00
ABJ - Direct - N00 00/W010 00
ABJ - Direct - N00 00/W011 00
ABJ - Direct - N00 00/W012 00
ABJ - Direct - N00 00/W013 00

Accra FIR/Abidjan FIS
ACC - Direct - N00 00/W004 00
ACC - Direct - N00 00/W005 00
ACC - Direct - N00 00/W006 00
ACC - Direct - N00 00/W007 00

Accra FIR

EBULI - Direct - N00 00/E005 00 (Need a Sao Tomo Exit WPT) EBULI - Direct - N00 00/E004 00 EBULI - Direct - N00 00/E003 00 EBULI - Direct - N00 00/E002 00 EBULI - Direct - N00 00/E001 00 EBULI - Direct - N00 00/E000 00

Brazzaville/Accra FIRs

DLA - Direct - GEBRO - Direct - EBULI

DLA - Direct - RITIL - Direct - N00 00/E005 00 (Need a Sao Tome Exit WPT)

Dakar Oceanic FIR

TUROT - SIBAX - N00 00/W017 03 59.5284

TUROT - Direct - N00 00/W018 04 44.5132 (Airway UL435) TUROT - Direct - N00 00/W019 00 TUROT - Direct - N00 00/W020 00 TUROT - Direct - N00 00/W020 59 43.5284 (Airway UA572)

Luanda FIR

MUNDA - Direct - S06 00/E010 24

MUNDA - Direct - S07 00/E011 00

MTI - Direct - S07 00/E011 00

MTI - Direct - NATAR - Direct - OPAPO

BUDEL - Direct - IMLEX - Direct - S09 00/E011 13 VNA - Direct - S09 00/E011 13 VNA - Direct - S11 00/E011 24

Roberts/Dakar Oceanic FIRs

ROB - Direct - N00 00/W013 00

ROB - Direct - N00 00/W014 00

ROB - Direct - N00 00/W015 00

ROB - Direct - N00 00/W016 00

ROB - Direct - N00 00/W018 00

ROB - Direct - N00 00/W019 00

ROB - Direct - N00 00/W020 00

3.   Conclusion

3.1.   The meeting is invited to:

1) Note the successful implementation of AORRA Phase II by Angola, Brazil, Ghana and ASECNA;
2) Request States and Air Navigation Service Providers concerned (Angola, Ghana, Sao Tome and Principe, ASECNA and Roberts FIR) proceed with the implementation and publication of the above direct transitions to/from AORRA airspace by end of June 2009 (AIRAC date); and
3) Request the relevant ICAO Regional Offices to facilitate implementation coordination as necessary.

-END-