



SAM/IG/5  
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**International Civil Aviation Organization  
South American Regional Office**

**FIFTH WORKSHOP/MEETING OF THE SAM IMPLEMENTATION GROUP (SAM/IG/5)  
REGIONAL PROJECT RLA/06/901**

**Lima, Peru, 10 - 14 May 2010**

**Agenda Item 2:                   ATS Route Structure Optimisation**

**Extension of route UM 402**

(Presented by Roberto Arca, Uruguay)

**Summary**

This working paper contains information about the extension of Route UM 402 from the VAS VOR (Asunción, Paraguay) to the CRR VOR (Montevideo), involving the Administrations of Argentina, Brazil, Paraguay and Uruguay, which will result in a significant increase of operational efficiency between this city pair.

**References:**

- 36<sup>th</sup> ICAO Assembly
- ALLPIRG/5 meeting
- Conc. SAM/IG/3-1 of the SAM/IG/3 meeting
- SAM ATS route network optimisation workshop (SAM ATSRO/1)

**1                   Background**

1.1               Taking into account the results of the 36<sup>th</sup> ICAO Assembly and the ALLPIRG/5 meeting, the SAM/IG/3 meeting, through Conclusion SAM/IG/ 3-1, agreed that SAM States would take relevant action and follow the guidelines established in the SAM Route Optimisation Programme.

1.2               In this sense, the SAM Region concluded that this ATS route optimisation should be done by phases, taking into account the analysis/diagnosis of the ATS route network and the planning criteria reflected in the SAM ATS Route Optimisation Programme.

2                    **Discussion**

2.1                    At the First SAM ATS Route Network Optimisation Workshop (SAM ATSRO/1) held in Lima, Peru, on 1 - 5 March 2010, version 1 of the SAM ATS route network was analysed based on a study conducted with the support of a special implementation project financed by ICAO and Regional Project RLA/06/901.

2.2                    Taking into account the magnitude of the work done, SAM ATSRO/1 deemed it advisable for the SAM States and IATA to assess in greater depth the work done by this workshop and submit the results to the SAM/IG/5 meeting.

2.3                    In view of the above, and taking into account that the extension of **ROUTE UM 402** would generate significant fuel savings between the cities of Asunción and Montevideo, and considering traffic increase within PLUNA airlines and in the Lima - Montevideo segment of TACA airlines, Uruguay has considered the extension of this route to include the segment between the CRR VOR and the VAS VOR, subject to an agreement among the Administrations of Argentina, Brazil, Paraguay and Uruguay.

3.                    **Suggested action**

3.1                    Coordinate the AIRAC date with the Administrations of Argentina, Brazil, Paraguay and Uruguay for an early extension of ROUTE UM 402.

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