



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**

- **Elimination of routes UG 680/UB 449 and implementation of a new direct route between Rosario (SAAR) and Porto Alegre (SBPA)**
- **Elimination of route UA 432 and implementation of a new two-way route between Porto Alegre SBPA and Córdoba (SACO)**

(Presented by Roberto Arca, Uruguay)

**Summary**

This working paper contains information about the elimination of unidirectional routes UG 680 from the GUA VOR to the BGE VOR, and UB 449 from the GUA VOR to the MLO VOR between Porto Alegre and Rosario, and elimination of route UA 432 between the CBA VOR/PAR VOR/POR VOR to be replaced with two-way direct routes to increase the efficiency of operations in these traffic flows that involve the Administrations of Argentina, Brazil and Uruguay.

**References:**

- 36th 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 36th 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 in phases, taking into account the analysis/diagnostic 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 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 upon analysing the traffic in **unidirectional routes UG680 and UB 449** between Rosario and Porto Alegre, Uruguay deems it advisable to eliminate this pair of unidirectional routes and implement a two-way direct route between both city pairs, subject to an agreement with the Administrations of Argentina and Brazil.

2.4 Likewise, **ROUTE UA 432** is two-way but does not have a direct path between the cities of Córdoba and Porto Alegre and can be optimised through the implementation of a NEW two-way DIRECT ROUTE between the POR VOR and the CBA VOR, subject to an agreement with the Administrations of Argentina and Brazil.

## 3. Suggested action

3.1 Coordinate the AIRAC date with the Administrations of Argentina, Brazil and Uruguay for the elimination of routes UG 680, UB 449 and UA 432 and the implementation of new two-way routes between the cities of Rosario and Porto Alegre (ROS VOR / POR VOR) and between the cities of Porto Alegre and Córdoba (POR VOR / CBA VOR).

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