



Agenda Item 6: Other Business

**PROGRESS ON IMPLEMENTATION OF ATS SURVEILLANCE CONTROL
IN THE ARGENTINE REPUBLIC**

(Presented by Argentina)

SUMMARY

This paper presents the progress made by Argentina through its ANSP EANA S.E. on implementation of the ATS surveillance enroute control service in FIR's Ezeiza, Córdoba, Mendoza and Comodoro Rivadavia.

References:

- DOC 9750 - GANP
- DOC 4444 - PANS ATM
- DOC 9426 - ATS Planning Manual
- ANEXO 11 – Air Traffic Services

1. Background

1.1. At the time of EANA S.E. creation, in 2016, control service was provided based on ATS surveillance in TMA's BAIRES, CORDOBA and MENDOZA; as well as in CTA I and CTA II of FIR EZEIZA, and ATS routes of FIR CÓRDOBA southern sector.

1.2. Five Area Control Centers of Argentina had automated ATM systems with the ability to process and present data provided by sensors of secondary surveillance radar network.

2. Analysis

2.1. As a result of the analyses carried out by EANA and in compliance with safety, efficiency and capacity objectives proposed at national and regional levels, the need was established to extend the provision of enroute ATS surveillance control service. To this end, the technical and operational capabilities of each sector were analyzed, mainly in terms of surveillance coverage. The greatest restrictions were found across the country in the western sector, where Andean orography predominates.

2.2. In order to optimize the use of airspace, the use of the flight level range from 195 to 450 was set as a target, so that it met the coverage requirements and, at the same time, aligned to the operations of designated sectors.

2.3. In order to shape areas of effective service delivery, Control Areas (CTA) Class A airspace were established, as used previously in FIR EZEIZA.

2.4. Since 2017 the following CTA were established:

- 1/01/17 Implementation CTA III and CTA IV in FIR Ezeiza;
- 1/08/18 Implementation CTA I in FIR Mendoza;
- 1/08/18 Implementation CTA I in FIR Córdoba, Sector South;
- 1/08/19 Implementation CTA I in FIR Resistencia.

3. Next implementations

3.1. The implementation of surveillance control service in FIR Córdoba, North Sector, is planned for the first semester of 2020.

3.2. The implementation of surveillance control service in FIR Comodoro Rivadavia, North Sector, is planned for the first semester of 2020, and South Sector for the second semester.

4. Suggested actions

4.1 The Meeting is invited to:

- a) Note the information presented;
- b) analyze the activities and achieved performance of implementations; and
- c) other considerations, as needed.

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