



Agenda Item 3: Report on activities and deliverables of the GESEA and Subgroups

SG1 PLANESPA ACTIVITIES

(Presentada por la Secretaría)

SUMMARY

This paper aims to present the ongoing activities of SG1 - GESEA Airspace Planning.

References:

- SAM/IG Meetings
- GESEA/7 Meeting

1. Background

1.1 El Subgrupo 1 de GESEA (SG1 PLANESPA) aborda la Planificación de espacio aéreo, está coordinado por el Sr. Julio Pereira de IATA. Durante el GESEA/7, se analizaron los siguientes puntos de la agenda para los respectivos Grupos de Tarea (GT).

2. Analysis

Activities of the FRTO WG

2.1 The Coordinator of the FRTO Task Group, Mr. Julio Pereira, reviewed the tasks of preparing the Guide for the Implementation of Improved Operations through Optimized En-Route Trajectories (FRTO), under the auspices of the RLA06901, which was developed by the specialist from Brazil, Robson Batista Cunha Santos, in Lima, Peru, from January 29 to February 9, 2024.

2.2 The FRTO is one of the mechanisms that can support the achievement of the Long-Term Aspirational Goal (LTAG) to achieve net-zero CO₂ emissions by 2050, approved at the 41st Assembly of the International Civil Aviation Organization (ICAO). The SAM Region needs to strengthen the implementation of FRTO elements:

- a) to increase performance in the Efficiency area, in the focal areas; flight time, distance and vertical flight, with an impact on fuel savings and CO₂ emissions; and

- b) to increase performance in Safety, in specific objectives of avoiding deviations in lateral/horizontal navigation, and to improve the early detection of conflicting ATC authorizations.

2.3 The main parts and the approach of the Guide aimed at the harmonized interregional implementation of the selected elements of the FRTO module of the Global Air Navigation Plan – GANP were presented. The collaborative process was addressed so that FRTO WG specialists can review and make their comments and contributions.

2.4 Two stages of receiving inputs were opened, the first was at the FRTO 5 meeting, held on February 29, and a final phase of integration of comments for the Guide is expected, so that it was ready before the Webinar on FRTO and SAM airspace optimization.

2.5 The subjects contained in the draft of the Guide were analyzed, the selection of the applicable elements of the FRTO Module was analyzed, in blocks 0 and 1, and opportunities for improvement to the Guide were detected, as well as the need to continue expanding the study and definition of new topics for implementation. The proposal for a safety assessment model was presented and differentiated from the risk identification of the implementation project. See draft of the Implementation Guide in **Appendix A of this note (separate file) in Spanish only.**

2.6 In this context, the coordinator recounted the progress of the implementation of DTS in the Region and UPR routes. In turn, the Secretariat explained the harmonization tasks being carried out with the CAR and NAM Regions, and a tentative schedule of joint activities was presented.

2.7 In summary, the next deadlines for this project in 2024 were identified, aiming at the presentation of a joint interregional material to be presented at the GREPECAS 22 Meeting, planned for November 2024, as part of the progress of the NEOSPACE-1 project.

Webinar FRTO

2.8 The FRTO Webinar was held on March 13, 14 and 15, 2024, with the aim of disseminating the Guide for Implementing Improved Operations through Optimized En-Route Trajectories (FRTO), FRTO Implementation Planning, and defining guidelines for the implementation roadmap. The event was attended by delegates from SAM, CAR and NAM; Suriname, Peru, Uruguay, Brazil, Colombia, Argentina, Ecuador; Panama, Bolivia, Venezuela, Guyana, Paraguay; Chile, Mexico, United States.

Activities of the WG LOA PLAN ATS

2.9 The WG PLAN LOA ATS team, under the coordination of Ms. Debora Kuc of Argentina, presented its progress in the development of the Guide for the development and updating of ATS CAO between two or more States of the SAM Region. The results of a survey conducted to define the practices of the Region in this area were presented. The Guide contains proposals for periodically processing the updating of CAOs, and the feasibility of electronic signatures for these documents was discussed. The draft ATS CAO model was discussed in detail.

2.10 The Meeting congratulated the good work of the WG and agreed that the final version of the draft will be presented at SAMIG/31. The WG will hold follow-up meetings to include the suggestions of GESEA/7. Several ways of initiating the implementation of the Guide in the SAM States were discussed, and it was identified that a progressive process would be most appropriate as the ATS EACs were updated in the States of the Region in the coming years.

2.11 The preparation of the SAMIG website, already in its final stages, was highlighted, so that it can serve as a repository for the Guide for the preparation and updating of CAO ATS, as well as all the material being produced by GESEA and SAMIG.

2.12 Regarding the Contingency Plans and the MCATS, the Secretariat asked the spokespersons to update the contact details of the *Phone* Tree. The Word file was circulated for this purpose, and States were requested to respond by Friday, 8 March.

2.13 It was also noted that the SAM Regional Office has sent a letter to the States regarding the requirement to activate the Contingency Coordination Teams (CTCs) with greater notice, not necessarily when the Plan has already been activated. In other words, the CCT would be activated immediately when conditions are identified for the potential activation of an ATS Contingency Plan.

2.14 The CST is made up of the Secretariat and the focal points of the potentially affected State and adjacent States, with the aim of exchanging data on the situation and the scenario that is expected in the event of the activation of the Plan, while generating feedback from neighboring States. To this end, the nomination of two focal points from each administration has been requested, one from the Regulator and the other from the ANSP.

3. **Suggested action**

The Meeting is invited to:

- a) Analyze the progress of SG1 activities, and define any improvements that may be required; and
- b) Evaluate the draft FRTO Implementation Guide (Separate File) and reach consensus for the next validation and implementation steps.