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Ref.: LN3/24.1 – SA7842

Lima, 12 February 2024

To: Mr. Yves Tatibouet, Regional Director of Civil Aviation Authority (DSAC)  
for French Antilles and French Guiana  
Mr. Francis Preux, Director, French West Indies and French Guiana, Air Navigation Services  
Lt. Col. Egbert Field, Director General, Guyana Civil Aviation Authority  
H.E. Uraiqit h. Ramsaran, Minister of Transport, Communication and Tourism, Suriname

Subject: **RLA/06/901 – Webinar on enhanced operations through route-route trajectory optimization (FRTO)**  
**(Virtual, from 13 to 15 March 2024)**

Required  
action: Register participation as soon as possible

Dear Sir/Madame:

Within the framework of the program of activities of the Regional Project RLA/06/901 adopted at the Seventeenth Meeting of the Coordination Committee (RCC/17) (Lima, Peru, October 26, 2023), I am pleased to invite your Administration to participate in the **Webinar on FRTO**, to be held virtually, from March 13 to 15, 2024.

The objectives of the webinar are:

- Dissemination of the Guidance (draft) for Implementing Enhanced Field-Routed Trajectory-Oriented Trajectory Optimized Operations (FRTO);
- FRTO implementation planning; and
- Implementation roadmap guidelines.

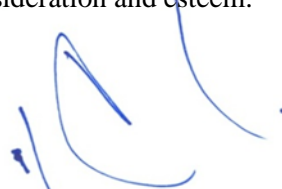
The webinar will be conducted in Spanish with simultaneous interpretation into English. The tentative work program and nemotecnic paper are included as Attachments A and B respectively; supplementary material for discussion will be posted on the event website in due course: (<https://www.icao.int/SAM/Pages/MeetingsDocumentation.aspx?m=2024-RLA06901-FRTO> SAM)

The webinar will start on March 13, 2024 at 13:30 UTC (08:30 Lima time); we suggest logging in 10 minutes before the scheduled time to verify that there are no technical problems.

In accordance with the above, I am pleased to invite your Administration to nominate the specialist(s) who will participate in this event, and to complete their registration through the following zoom link: [https://icao.zoom.us/webinar/register/WN\\_5oyzA3PJRRKHpaqc-WKNYA](https://icao.zoom.us/webinar/register/WN_5oyzA3PJRRKHpaqc-WKNYA). After registration, the specialist will receive a message with the link to enter the event.

Mr. Fernando Hermoza, ATM/SAR Regional Officer ([fhermoza@icao.int](mailto:fhermoza@icao.int)), is at your disposal should you require any additional information about this event.

Accept, Sir/Madam, the assurances of my highest consideration and esteem.



Fabio Faizi Rahnemay Rabbani  
Director Regional  
ICAO South American Office  
Lima

**Attachment**

*As indicated*

cc: Mr. Patrick Pezzeta, Deputy Director, Antilles-Guyane, French Antilles  
Mr. Alain Kerhascoet, Head of French Guiana Air Control Centre Cayenne-Félix Eboué Airport, Head of the Aircraft Search and Rescue RCC  
Mr. Frederic Danlouox, Deputy Director, French West Indies and French Guiana ANS  
Mr. Damien Cazé, Director General of Civil Aviation, France  
Mrs. Estrea Noordzee, Permanent Secretary, Directorate of Transport, Suriname  
Mrs. Cindy Toemin, Acting Head of Civil Aviation Department, Suriname  
Mr. Brian de Souza, Director a.i, Civil Aviation Safety Authority Suriname, CASAS, Suriname  
Mr. Marcus Doller, Air Safety Support Intl. (ASSI), United Kingdom  
Mr. Bruce D'Ancey, Policy Specialist, Flight Ops, Air Safety Support International (ASSI), United Kingdom  
ICAO EUR/NAT (For retransmission to DGAC France)



**RLA/06/901 – WEBINAR ON ENHANCED OPERATIONS  
THROUGH OPTIMIZED EN-ROUTE TRAJECTORIES (FRTO)**

**(13-14-15 March 2024)**

**TENTATIVE WORK PROGRAM**

<b>HOURS (Lima)</b>	<b>Wednesday 13</b>	<b>Thursday 14</b>	<b>Friday 15</b>
0830 0930	FRTO Regional Guide - Introduction. Planning driven by ICAO. Regional situation. Industry expectations.	CNS ATM Enablers (1) Human factors and training. Performance measurement - KPIs. Operational safety assessment.	Strategic Direct Routing (SDR)
0930 0945	<i>Pause 15 min</i>	<i>Pause 15 min</i>	<i>Pause 15 min</i>
0945 1045	GANP FRTO module. GREPECAS NEOSPACE-1 project.	FRTO planning, risks and challenges. Interdependencies	Free Route Airspace (FRA)
1045 1130	Ambiciones de mejora y brechas. Áreas KPA. Supuestos teóricos de la implantación FRTO.	Revalidated and coordinated ATS routes. UPR Routes, Playbook, CDR Routes.	Short and medium term objectives. Roadmaps. Next steps.



**Attachment**

**ICAO SOUTH AMERICAN REGIONAL OFFICE**

**NEMOTECNIC PAPER**

<b>RLA/06/901 – WEBINAR ON ENHANCED OPERATIONS THROUGH OPTIMIZED EN-ROUTE TRAJECTORIES (FRTO)</b>  <b>(13-14-15 March 2024)</b>	
<b>Regional Strategy</b>	<p>The SAM Region has been driving initiatives to optimize trajectories through strategic direct routing (SDR) and user preferred routes (UPR) since 2022. These initiatives are aligned with the FRTO B0/1 DCT element of the GANP. Recognizing the current progress of these activities, it is required to:</p> <ul style="list-style-type: none"> <li>(a) Support and reorient the optimization of the CAR/SAM Region airspace structure in a harmonized and coherent manner, strengthening ongoing implementations.</li> <li>b) To promote the activities of CAR/SAM States and organizations for the effective implementation of Volume III of the CAR/SAM PNA.</li> <li>c) Generate environmental benefits through fuel savings and reduction of CO2 emissions.</li> </ul> <p>In this sense GREPECAS/21 has approved in November 2023, the CAR/SAM Airspace Optimization Program and the respective NEOSPACE-1 program.</p>
<b>Meetings Objective</b>	<ul style="list-style-type: none"> <li>• Dissemination of the Enhanced Route Routing Trajectory Optimized Operations (FRTO) Implementation Guidance</li> <li>• FRTO implementation planning.</li> <li>• Implementation roadmap guidelines.</li> </ul>
<b>Activities carried out by the SAM Region</b>	<ul style="list-style-type: none"> <li>- SAMIG/29 Meeting, Lima, Lima, May 15 to 19, 2023</li> <li>- SAMIG/30 meeting, Lima, October 23 to 27, 2023</li> <li>- GESEA Subgroup 1 Meeting, FRTO Task Force, virtual, January 23-24, 2024</li> <li>- Preparation of the FRTO Implementation Guide, Lima, January 29 to February 9, 2024.</li> </ul>
<b>Current situation of the SAM Region</b>	<p>The FRTO is one of the mechanisms that can support the achievement of the Long Term Aspirational Goal (LTAG) to achieve zero net CO2 emissions by 2050, approved at the 41st Assembly of the International Civil Aviation Organization (ICAO).</p> <p>The SAM Region needs to reinforce the implementation of FRTO elements:</p> <ul style="list-style-type: none"> <li>(a) to increase performance in the Efficiency area, in the focal areas; flight time, distance and vertical flight, impacting fuel savings and CO2 emission; and</li> <li>b) to increase performance in the Operational Safety area, in the specific objectives of avoiding deviations in lateral/horizontal navigation, and improving early detection of conflicting ATC clearances.</li> </ul>
<b>Nature of the event</b>	<ul style="list-style-type: none"> <li>• This event is aimed at ATM planners (ATS, ASM, ATFM) of the SAM Region States, representatives of civil aviation related organizations and representatives of the aeronautical industry.</li> </ul>
<b>Competencies to be generated by the event</b>	<ul style="list-style-type: none"> <li>• The event allows the study and analysis of airspace and ATM issues that should enable FRTO implementation, as well as communication and coordination between representatives of States, ANSPs and industry, for collaborative decision making regarding FRTO planning and implementation.</li> </ul>

<b>Participant profiles</b>	<ul style="list-style-type: none"><li>• ATM planners from States.</li><li>• ATM specialists (ATS, ASM, ATFM) from ANSP providers.</li><li>• Industry and airline representatives.</li><li>• Specialists from other branches of air navigation services.</li></ul>
<b>Next steps in strategy development</b>	In accordance with the regional strategy, the main initiatives under development are: <ol style="list-style-type: none"><li>1) Approve in SAMIG the Guide for FRTO implementation.</li><li>2) Approve the roadmap for FRTO implementation.</li><li>3) Coordination with the NACC Office in Mexico.</li><li>4) Report to GREPECAS/22 on the progress of FRTO implementation.</li></ol>
<b>Contact personnel at the SAM Office</b>	Mr. Fernando Hermoza Hübner ATM/SAR Regional Officer ICAO South American Regional Office <a href="mailto:fhermoza@icao.int">fhermoza@icao.int</a>