



**Agenda Item 1: Follow-up on the implementation of the Amendment to Annex 15 -  
Aeronautical Information Services, the PANS-AIM, and the conclusions of  
previous meetings**

**Implementation of GRF in the SAM Region**

(Presented by the Secretariat)

<b>SUMMARY</b>	
This working paper presents the status of implementation of the global reporting format (GRF) for runway conditions in the SAM Region, and proposes some measures to ensure that air navigation service providers actively participate in this effort, which has an implementation deadline set by the ICAO Council for this coming 4 November 2021.	
<b>References:</b>	
<ul style="list-style-type: none"><li>• Amendment 42 to Annex 15</li><li>• Amendment 16 to Annex 14 Vol. I</li><li>• Amendment 2 to PANS-AIM</li><li>• Circular 355</li><li>• State letter <a href="#">AN 2/33-20/73</a></li><li>• State letter SA371</li><li>• Web address: <a href="https://www.icao.int/SAM/SAFETY/GRF/Pages/default.aspx">https://www.icao.int/SAM/SAFETY/GRF/Pages/default.aspx</a></li></ul>	
<b>ICAO strategic objectives:</b>	<i>A – Safety</i> <i>B – Air navigation capacity and efficiency</i>

**1. Introduction**

1.1 The new ICAO methodology for assessing and reporting runway surface conditions, commonly known as the Global Reporting Format (GRF), allows for the harmonised assessment and reporting of runway surface conditions and an enhanced flight crew assessment of take-off and landing performance.

1.2 Globally, movement areas are exposed to multiple weather conditions and therefore the conditions to be reported are quite different. A basic structure that applies to all these weather variations is described in the Runway Condition Report (RCR). The assessment of runway surface condition is based on a wide variety of techniques and no single solution can be applied to all situations.

1.3 The GRF is described through Amendments 80 of Annex 3; 45 to Annex 6, Part I; 38 to Annex 6, Part II; 107 to Annex 8; 16 to Annex 14, Volume I; and 42 to Annex 15, and in Amendments 10 to the PANS-ATM; 4 to PANS-Aerodromes; and 2 to the PANS-AIM.

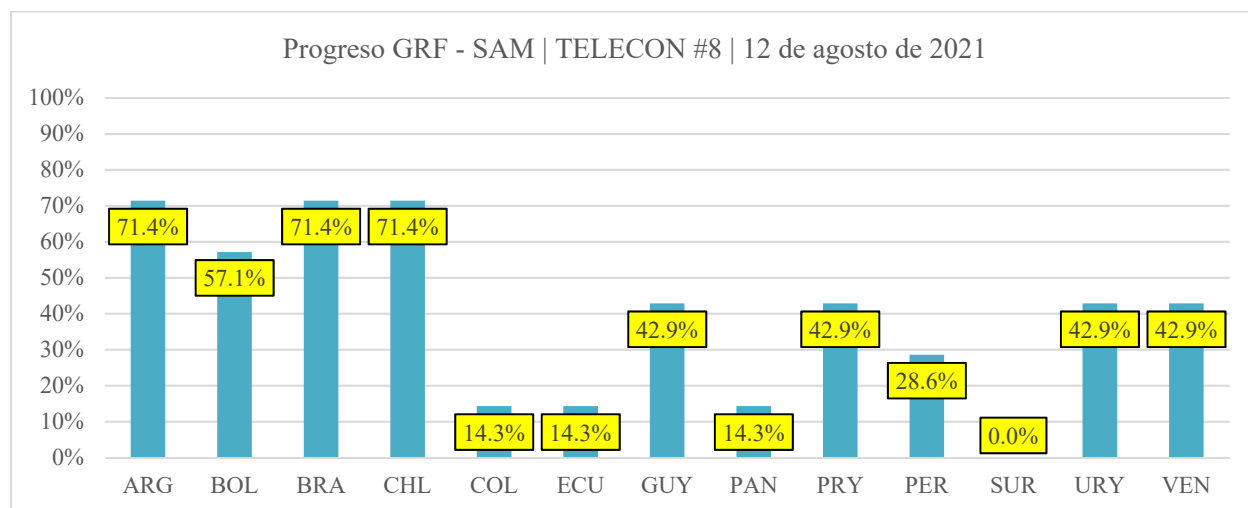
1.4 The implementation date originally envisaged by the ICAO Council was 5 November 2020. However, in State letter N° [AN 2/33-20/73](#), the ICAO Council, in order to ease the burden on States during the COVID-19 pandemic and the period thereafter, adopted amendments at its 220-8th session to postpone from 5 November 2020 to 4 November 2021 the date of implementation of the provisions on the enhanced global reporting format for assessing and reporting runway condition (GRF).

To support States in the implementation, the South American Regional Office prepared an action plan, in conjunction with the Technical Committee of the SRVSOP, to provide follow-up and direct assistance to member States on this measure. In addition, a website with information on the status of implementation was developed at:

<https://www.icao.int/SAM/SAFETY/GRF/Pages/default.aspx>

## 2. Discussion

2.1 Following the methodology proposed by the Secretariat to monitor the status of implementation in SAM States, as of August, 12 of the 14 SAM States have assigned focal points and have reported progress averaging 39.6%. However, it should be noted that these milestones do not measure other important developments in the states, such as staff training.



2.2 The milestones monitored under the follow-up programme are as follows:

MILESTONE	ACTION
GRF 2	Designate a focal point to coordinate implementation activities at the national level.
GRF 4	Establish an implementation coordination team that includes staff from identified stakeholders.
GRF 7	Develop a detailed national implementation plan and a safety risk assessment. Each entity must also establish its specific implementation plan and safety risk assessment.
GRF 10	Develop and promulgate regulations and standards.

GRF 11	Develop procedures and guidance material (translate if necessary).
GRF 14	Conduct tests/trials before actual implementation.
GRF 15	Date of applicability of the new methodology for assessing and reporting runway surface conditions.

**3. Challenges**

3.1 During the follow-up to the teleconferences, it has been noted that some States have communication gaps with air navigation service providers, who are sometimes not properly informed and involved in the implementation efforts, which jeopardises implementation.

3.2 Similarly, in some cases, several challenges were identified, in particular, in understanding the need for implementation of the SNOWTAM format in those States without snow or ice conditions, and aerodrome-ATC-crew communications.

3.3 Finally, at the beginning of implementation, some States indicated that coordination meetings sometimes had inadequate representation of AIM/MET personnel and air navigation service providers (ATC), which are critical to implementation.

3.4 To reduce this gap, the Secretariat has urged the GRF focal points to ensure the participation of ANS personnel from both the authority and the provider in implementation plan discussions. Likewise, ICAO has prepared guidance material and training courses for ANSPs, aerodrome operators, and crews, available at <https://www.icao.int/safety/Pages/GRF.aspx>

3.5 To reinforce the involvement of all stakeholders, the ICAO NACC and SAM Offices, in conjunction with CANSO, have organised a webinar on GRF with a focus on air navigation service providers, to be held via the ZOOM platform on 28 September 2021, at 9:00 am Lima time. Registration is free of charge to the public and can be done at: [https://icao.zoom.us/webinar/register/WN\\_ey251AoJS6eHY3IqNQ7GAg](https://icao.zoom.us/webinar/register/WN_ey251AoJS6eHY3IqNQ7GAg)

**4. Suggested action**

3.1. The Meeting is invited to:

- a) take note of the contents of this working paper;
- b) promote within their administrations and air navigation service providers the importance of the active participation of the national GRF implementation groups;
- c) visit the GRF implementation support portal of the SAM Office at: <https://www.icao.int/SAM/SAFETY/GRF/Pages/default.aspx> and of ICAO Headquarters (available in English only) at: <https://www.icao.int/safety/Pages/GRF.aspx>
- d) register for the next CAR/SAM webinar on GRF with focus on ANSPs at: [https://icao.zoom.us/webinar/register/WN\\_ey251AoJS6eHY3IqNQ7GAg](https://icao.zoom.us/webinar/register/WN_ey251AoJS6eHY3IqNQ7GAg)