



**Agenda Item 1: Follow-up to the recommendations of the MET Coordination Meeting**

**Examination of the recommendations of the First MET Coordination Meeting**  
(Presented by the Secretariat)

<b>SUMMARY</b>	
This working paper follows up on the recommendations made at the First MET Coordination Meeting.	
<b>References:</b>	
<ul style="list-style-type: none"><li>• Annex 3 – <i>Meteorological Service for international air navigation</i></li><li>• Report of the First MET Coordination Meeting for the SAM Region</li></ul>	
<b>ICAO Strategic objectives:</b>	<i>A - Safety</i> <i>B - Air navigation capacity and efficiency</i> <i>E - Environmental protection</i>

1. **Introduction**

1.1 The MET Coordination Meeting analyzed several points and recommended implementation actions.

1.2 The recommended actions were followed up by the Secretariat.

2. **Discussion**

2.1 The First MET Coordination Meeting, after analyzing the documents submitted to it, issued the following recommendations:

- a) Follow-up to the implementation of amendments 79 and 80 to ICAO Annex 3;
- b) Monitoring of Contingency Plans for Volcanic Ashes;
- c) Cooperation agreements with the National Volcanological Observatories;
- d) Conclusion RCM/01-1- Proposal for amendment to Annex 3 to notify 2 or more volcanic clouds in SIGMET messages;
- e) evaluation of international traffic below FL100 and FL150, to decide whether or not it is necessary to include an Air Navigation Agreement for the international distribution of AIRMET and GAMET messages;
- f) SIGMET Guide for the SAM Region.

2.2 In **Appendix A** to this working paper you can find the follow-up to literal a) of paragraph 2.1, literal a)

2.3 Items b, c and f will be developed in Item 4 of the agenda.

2.4 In relation to literal d) Conclusion RCM/01-1- Proposal for amendment of Annex 3 to notify 2 or more volcanic clouds in SIGMET messages, it has been observed that the 20th Edition of ICAO Annex 3, in the Table A6-1A, Template for SIGMET and AIRMET messages, numeral 29 has been amended in order to allow what is requested in the conclusion, so that it can be considered completed.

**Note: Following, see what number 29 indicates:**

*29. To be used when more than one volcanic ash cloud or cumulonimbus cloud associated with a tropical cyclone simultaneously affects the FIR concerned.*

2.5 Regarding literal e), Table is available in **Appendix B** to this working paper, prepared to compile the information regarding the evaluation of international traffic below FL050 and FL100.

### 3. **Suggested action**

3.1 The Meeting is invited to:

- a) take note of the information provided in this working paper;
- b) update Table in Appendix A and provide information for Table in Appendix B
- c) agree on other actions deemed necessary.

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## APPENDIX A

## Monitoring Table of Implementation of Amendment 79 to ICAO Annex 3

Implementation of Amendment 79 to ICAO Annex 3 – SAM Region			
STATE	Action implemented by the Authority	Action implemented by the Service Provider	Date of probable full implementation
<b>Argentina</b>		Implemented: Regarding Item 2.1 of the DISCUSSION of WP/03: c) Implementation of SIGMET coordination is pending. It could be said that the preliminary steps for transnational implementation were initiated and that in the course of 2022 it would be implemented at the national level (STAGE 1). f) N/A g) N/A j) N/A l) To be confirmed The rest of the items are implemented	
<b>Bolivia</b>	The amendment to RAB 93 (Fifth Edition. Amendment 6. R. A. 239 dated 12/10/2020) was made based on ICAO Annex 3 amendment 79.	It was socialized by the Service Provider	Application date 15 December, 2020.
<b>Brazil</b>			
<b>Chile</b>	Adoption of the amendment in the Regulation of the Civil Aviation Authority		
<b>Colombia</b>	Implemented RAC203	To be implemented	2nd semester of 2022
<b>Ecuador</b>	Draft update of Regulation 203 based on amendment 79 and the 2nd edition of LAR203	None. Waiting for the new Regulation 203	2nd semester of 2022

<b>Guyana</b>			
<b>French Guyana</b>			
<b>Panama</b>	Amendment 79 was included in the RACP-Book XXX, it is awaiting publication	The SMS was consulted and it was agreed to carry out a risk matrix for the influx of flights in the FIR-Panama below FL-100	2nd semester of 2022
<b>Paraguay</b>			
<b>Peru</b>	<p>1. Adoption of amendments 79 and 80 in the New Edition of RAP303 Amendment 3. On 22 November, the pre-publication stage ended and the final edition stage began. The publication is estimated in the month of December 2021.</p> <p>2. Guidelines on MET personnel competencies are included in Appendices K to L. Coordination actions with the DGAC for the implementation of Amendment 79.2. Risk assessment of the need to issue AIRMET and GAMET products.</p> <p>3. Specific training in Space Weather is planned for operational MET personnel.</p>	<p>1. Coordination actions with the DGAC for the implementation of amendment 79.</p> <p>2. Risk assessment of the need to issue the AIRMET and GAMET products.</p> <p>3. Specific training in Space Weather is planned for operational MET personnel.</p> <p>4. A designated selection commission is installed for the acquisition of the new AMHS system that contemplates the capabilities for the exchange of meteorological information in IWXXM format.</p>	2023
<b>Suriname</b>			
<b>Uruguay</b>			
<b>Venezuela</b>	The AAC (prepared the adoption of Amendment 79 to ICAO Annex 3 in the Venezuelan Aeronautical Regulation (RAV277-MET)	None	Awaiting approval by INAC Legal Consultancy

**APPENDIX B****Tracking Table for Assessment of international traffic below FL100 and FL050**

<b>International Traffic below FL050 and FL100</b>			
<b>STATE</b>	<b>International traffic below FL100 and FL050 has been evaluated</b>	<b>Conclusions of the Evaluation</b>	<b>Recommends an Air Navigation Agreement for the preparation and issuance of GAMET and AIRMET</b>
<b>Argentina</b>			
<b>Bolivia</b>			
<b>Brazil</b>			
<b>Chile</b>			
<b>Colombia</b>			
<b>Ecuador</b>			
<b>Guyana</b>			
<b>French Guyana</b>			
<b>Panama</b>			
<b>Paraguay</b>			
<b>Peru</b>			
<b>Suriname</b>			
<b>Uruguay</b>			
<b>Venezuela</b>			