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Международная
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авиации

منظمة الطيران
المدني الدولي

国际民用
航空组织

Ref.: LN3/24.1 – SA5442

Lima, 7 October 2021

To: Mr. M. Thierry Buttin, Regional Director of Civil Aviation Authority (DSAC)
for French Antilles and French Guiana
Mr. Philippe Versi, Regional Director, West Indies and French Guiana
Lt. Col. Egbert Field, Guyana Civil Aviation Authority
Mr. Albert E. Jubithana BBA, Minister of Transport Communication and Tourism, Suriname

Subject: **RLA/06/901 - Workshop on SIGMET / AIRMET / GAMET / Wind Shear Warnings / Aerodrome Warnings** (Virtual, 18 - 19 November 2021)

Required
Actions: Nominate participants no later than 12 November 2021

Dear Sir/Madam:

I wish to refer to the 2021 program of activities that was adopted at the Fourteenth Meeting of the Coordination Committee of the Regional Project RLA/06/901 (RCC/14, Virtual, December 1, 2020), which included the delivery of the Workshop on SIGMET, GAMET, AIRMET, Aerodrome Warnings and Wind Shear, which will be held virtually, on 18 and 19 November 2021.

In this sense, it is a pleasure to extend the invitation to participate in this workshop, whose objectives are:

- i) evaluate the preparation of SIGMET messages for the flight information regions (FIRs) in all the necessary cases and their use in the planning of the operations;
- ii) provide an introduction to an assessment of the context of low-level air operations and the probability of generating Regional Air Navigation Agreements for the dissemination of AIRMET and GAMET messages at the regional level; and,
- iii) evaluate the impact of the Aerodrome Warning messages on the new GRF format.

To ensure compliance with the objectives of the event, the participation of specialists from the meteorology area and the information and communication technologies (CNS) area that provide support to aeronautical meteorological services is essential.

The Workshop will be held in Spanish with simultaneous interpretation services into English. The tentative agenda and the nomenclature paper are included as **Attachments A** and **B** respectively; supplementary material for discussion will be distributed by email in due course.


The opening session will be held on November 18, 2021 from 13:10 UTC (08:10 Lima time). To register for this event, nominees can enter the following link:

<https://icao.zoom.us/meeting/register/tJwrd-iplrjgsHtlvagB-jce2agjJkYBLYcRO>

After registration, which is important to be done as soon as possible, you will receive a message with the link to join the meeting. For the days of the event, I would appreciate entering minutes before the time to verify that there are no technical problems.

Mr. Jorge Armoa, AIM/MET Regional Officer (jarmoa@icao.int), is at your disposal should you require any additional information about this event.

Accept, Sir/Madam, the assurance of my highest consideration.

The image shows a handwritten signature in black ink over a light blue circular logo. The logo features a globe with latitude and longitude lines, and the text 'OACI' and 'ICAO' in Arabic and English respectively. The signature is written in a cursive style.

Fabio Faizi Rahnemay Rabbani
Regional Director
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. Jean-Jacques Deschamps, Directeur Adjoint, ANSP Martinique, French Antilles-Guyane
Mr. Damien Cazé, Director General of Civil Aviation, France
Mrs. Estrella Noordzee, Permanent Secretary, Directorate of Transport, Suriname
Ms. Constance Karijodinomo, Director 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’Ancy, Policy Specialist, Flight Ops, Air Safety Support International (ASSI), United Kingdom
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Organización de Aviación Civil Internacional

International Civil Aviation Organization

Proyecto Regional RLA/06/901 - Taller sobre SIGMET/AIRMET/GAMET/Cizalladura del Viento/Avisos de Aeródromos /

RLA/06/901 Regional Project - Workshop on SIGMET/AIRMET/GAMET/Wind Shear Warnings /Aerodrome Warnings

(Virtual, 18 - 19 de Noviembre / November 2021)

Adjunto A / Attachment A

AGENDA TENTATIVA / TENTATIVE AGENDA

| Día/Day | Horario/Schedule | Actividad/Activity |
|--|----------------------|--|
| Jueves 18 de Noviembre / <i>Thursday 18 November</i> | 07:45 – 08:10 | Registro de Participantes / <i>Registration of participants</i> |
| | 08:10- 08:30 | Apertura del Taller / <i>Opening</i> |
| | 08:30 – 10:00 | <ul style="list-style-type: none"> - Presentación General sobre los Mensajes de Advertencias y Avisos Meteorológicos (SIGMET, GAMET, AIRMET, Avisos de Aeródromos, Avisos de Cizalladuras de Vientos) / - <i>General Presentation on Warning Messages and Meteorological Warnings (SIGMET, GAMET, AIRMET, Aerodrome Warnings, Wind Shear Warnings)</i> |
| | 10:00 – 10:20 | Pausa / <i>Coffee break</i> |
| | 10:20 – 11:10 | <ul style="list-style-type: none"> - SIGMET, Reglas generales para su preparación y difusión. / - <i>SIGMET, General rules for its preparation and dissemination.</i> |
| | 11:10 – 13:30 | <ul style="list-style-type: none"> - AIRMET y GAMET, Reglas generales para su preparación y difusión / - <i>AIRMET and GAMET, General rules for their preparation and dissemination</i> |
| Viernes 19 de Noviembre / <i>Friday 19 November</i> | 08:00 – 10:00 | <ul style="list-style-type: none"> - Avisos de Aerodromos y Avisos de Cizalladuras de Vientos, Reglas generales para su preparación y difusión / - <i>Aerodrome Warnings and Wind Shear Warnings, General rules for their preparation and dissemination</i> |
| | 10:00 a 10:20 | Pausa / <i>Coffee break</i> |
| | 10:20 a 12:15 | <ul style="list-style-type: none"> - Utilización de los mensajes de avisos y advertencias Meteorológicas en la Planificación de Vuelos / - <i>Use of Meteorological advisories and warnings messages in Flight Planning</i> |
| | 12:15 – 13:00 | <ul style="list-style-type: none"> - Introducción al Uso de los Modelos Numéricos para la preparación de SIGMET pronosticados / - <i>Introduction to the Use of Numerical Models for the preparation of predicted SIGMETs.</i> |
| | 13:00 – 13:30 | Clausura del Taller / <i>Closing of the Workshop</i> |



Attachment B

ICAO SOUTHAMERICAN REGIONAL OFFICE

NEMOTECNIC PAPER – MET 02

| RLA/06/901 – Workshop on SIGMET / AIRMET / GAMET / Wind Shear Warnings / Aerodrome Warnings | |
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| Regional strategy for the implementation in the area of Meteorology in the SAM Region, related to these types of messages | <ul style="list-style-type: none"> ✓ Until December 2023: <ul style="list-style-type: none"> - Promote the preparation of all types of SIGMET messages, and other types of warning messages, according to the density of traffic at low levels, by all meteorological watch offices. - Promote the preparation of aerodrome warnings for all international airports that are listed in the AOP Tables of Vol. I and II of the e-ANP CAR / SAM, of the SAM Region. - Promote the evaluation study, for all international airports that are listed in the AOP Tables of Vol. I and II of the e-ANP CAR / SAM, of the SAM Region, on the operational need to prepare wind shear warnings - Promote the evaluation of whether it would be necessary to establish an Air Navigation Agreement for the preparation and issuance of AIRMET and GAMET messages at the international level ✓ Continuous tasks: Follow up to: <ul style="list-style-type: none"> a) Correct preparation of SIGMET messages (format) b) Preparation of SIGMET messages when situations so warrant (meteorological, ash or volcanic eruptions, release of radioactive material, etc.). c) Studies evaluating conditions that warrant the preparation of wind shear warnings d) Preparation and dissemination, at the local level, of aerodrome warning messages to support the implementation of the GRF |
| ICAO Strategic Objectives | <ul style="list-style-type: none"> - Safety - Capacity and Efficiency - Environmental Protection |
| Purpose of the meeting | <ul style="list-style-type: none"> - Evaluate the preparation of SIGMET messages for the FIRs in all necessary cases and their use in planning operations; - Provide an introduction to an assessment of the context of low-level air operations and the probability of generating Regional Air Navigation Agreements for the dissemination of AIRMET and GAMET messages at the regional level |

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| | <ul style="list-style-type: none"> - Evaluate the impact of the Aerodrome Warnings messages on the new GRF format |
| Activities carried out by the SAM Region on SIGMET, AIRMET, GAMET messages | <ul style="list-style-type: none"> ✓ 2015, Lima, Peru, First Meeting of MET Projects, only for the SAM Region. ✓ 2015, Workshop on SIGMET and QMS in Uruguay, ✓ 2016: SIGMET workshops in Colombia, Suriname and Guyana on SIGMET and alert messages for aerodromes ✓ 2016, Forecast SIGMET Workshop in Lima, Peru ✓ Every year: SIGMET emission exercises for Volcanic Ash ✓ 2018: Update of the SIGMET Emission Guide aligned to the Document prepared by the MET Panel |
| Current situation of the SAM Region regarding the preparation and dissemination of SIGMET, AIRMET, GAMET messages, Aerodrome Warnings, Wind Shear Warnings | <ul style="list-style-type: none"> - The Brasilia OPMET Data Bank carries out 4 annual controls. In the last reports of 2020, opportunities for improvements in the emissions of SIGMETs have been observed in some States; - The first contacts have been established with the States to establish coordination procedures between Meteorological Watch Offices of adjacent FIRs, for the preparation of continuous and homogeneous SIGMET when a phenomenon affects more than two FIRs; - The first evaluations have been made of the possibility of establishing a Regional Air Navigation Agreement for the issuance of AIRMET and GAMET messages; and - The preparation of Contingency Plans for Volcanic Ashes and Release of Radioactive Material has been promoted. |
| Nature of the event | <p>The event is a Meeting where the impact of the SIGMET, AIRMET, GAMET messages, Aerodrome Warnings, Wind Shear Warnings on operational safety will be analyzed.</p> |
| Competences that the event will generate | <p>Take note of the opportunities for improvements in the preparation and dissemination of SIGMET, AIRMET, GAMET messages, Aerodrome Warnings and Wind Shear Warnings.</p> |
| Participants profile | <ul style="list-style-type: none"> ✓ MET personnel in charge of decision-making at managerial level ✓ MET personnel in charge of decision-making at the technical level. ✓ ICT staff that provides support to aeronautical meteorological services ✓ MET personnel in charge of preparing OPMET messages for the FIRs and for the aerodromes |
| Next Steps in Strategy Development | <p>According to the timeframes of the regional strategy:</p> <ul style="list-style-type: none"> ✓ Workshop on the same messages, but with all interested parties (ATCO, DOV, Industries, International Associations, OMM, etc) ✓ Evaluate the achievements of the Workshop through random controls in the correct application in the States. ✓ Continue with the SIGMET exercises for Volcanic Ash |

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| | ✓ Request support from Meteorological Agencies for the use of Satellite Products and Numerical Models that can support the preparation of these messages. |
| Contact staff in the SAM Office | Mr. Jorge Armoa Cañete Regional Officer for Aeronautical Information Management and Aeronautical Meteorology ICAO South American Regional Office jarmoa@icao.int |