



SAM/RCM

**INTERNATIONAL CIVIL AVIATION
ORGANIZATION**

South American Regional Office

RLA/06/901

MET Coordination Meeting for the SAM Region

DRAFT REPORT

(Virtual platform, 29 November to 1 December, 2021)

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HISTORY OF THE MEETING

ii-1 PLACE AND DURATION

The MET Coordination Meeting for the SAM Region was held by virtual means (Zoom platform) from 29 November to 1 December 2021, under the auspices of Regional Project RLA/06/901.

ii-2 OPENING CEREMONY AND OTHER MATTERS

Mr. Jorge Armoa, Regional Aeronautical Information Management and Meteorology Officer of the ICAO South American (SAM) Regional Office welcomed the participants, highlighting the importance of the topics to be discussed and of their implementation in the Region to face the challenges of the provision of meteorological services for international air navigation, thus opening the Meeting.

ii-3 WORK SCHEDULE, ORGANISATION, WORKING METHODS, OFFICERS, AND SECRETARIAT

Mr. Celestino Lamboglia, Head of the Aeronautical Meteorology Department of the Civil Aeronautical Authority of Panama was elected as Chairperson of the Meeting and Mr. Hugo Rosado, ANS MET Inspector of the Directorate General of Civil Aeronautics of Peru, acted as Vice-Chairperson. Mr. Armoa, Regional AIM/MET Officer, acted as Secretary of the Meeting.

The Meeting agreed to hold its sessions from 08:30 to 14:30 hours.

ii-4 WORKING LANGUAGES

The working languages of the Meeting were Spanish and English.

ii-5 AGENDA

The following agenda was adopted:

- | | |
|----------------|--|
| Agenda Item 1: | Follow-up to the implementation of the space meteorology service, and amendments to Annex 3 and other ICAO documents related to the MET area |
| Agenda Item 2: | Review of Project H2 - Implementation of the international airways volcano watch (IAVW) |
| Agenda Item 3: | Review of Project H3 - Implementation of the MET information quality management system (MET/QMS) |
| Agenda Item 4: | Review of Project H4 - OPMET exchange and MET Tables of the CAR/SAM e-ANP |
| Agenda Item 5: | Follow-up to contingency plans for release of radioactive material |
| Agenda Item 6: | Other matters |

ii-6 ATTENDANCE

The Meeting was attended by 13 States of the SAM Region (Argentina, Bolivia, Brazil, Chile, Colombia, Ecuador, Guyana, Panama, Paraguay, Peru, Suriname, Uruguay, and Venezuela), totalling 49 participants. The list of participants appears on page iii-1.

ii-7 LIST OF CONCLUSIONS

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LISTA DE PARTICIPANTES / LIST OF PARTICIPANTS**ARGENTINA**

1. Carlos Ceballos
2. Julio César Rios
3. Claudia Ribero
4. Dario Alberto Aquino
5. Raul Drandich
6. Jorge Ojeda
7. Gerardo Barrera
8. Gustavo D'Antiochia
9. Roxana Vasques Ferro

BOLIVIA

10. Paula Ramos Illanes

BRASIL/BRAZIL

11. Fábio Oliveira
12. Fabricio Cordeiro
13. Quilson de Aragão

CHILE

14. Rodrigo Fajardo

COLOMBIA

15. Juan Carlos Pulido

ECUADOR

16. César Acosta
17. Arturo Lomas
18. Edison Lagos

GUYANA

19. Lyndon Alves

PANAMÁ/PANAMA

20. Xenia Gabriela Guardia
21. Celestino Lamboglia
22. Aracelis Sánchez
23. Luis Ortega

PARAGUAY

24. Andrea Villar
25. Carlos Santacruz
26. Luz Ferreira
27. Gustavo Rodriguez
28. Alejandro Coronel Abadie
29. Carlos Fernández Olmedo

PERÚ/PERU

30. José Polo
31. Jorge Otiniano
32. Jorge Bautista
33. Hugo Rosado
34. Harry Alarcon Tambo
35. Fernando Mestanza

SURINAM/SURINAME

36. Radha Kalawatie Atwaroe
37. Ranoë Bidesie
38. Sharita Radjie
39. Radjan Phalai
40. Truusje Warsodikromo
41. Sirodjenie Pancham

URUGUAY

42. Cesar Vecino
43. Daniel Bonora
44. Romina Freire
45. Yamandu Moran
46. Natali Bentancor

VENEZUELA

47. Orlando José Sánchez Alvarado
48. César Yauca
49. Aura Romero

OACI / ICAO

50. Jorge Armoa Canete
51. Cristian Javier Vittor

Agenda Item 1: Follow-up to the implementation of the space meteorology service, and amendments to Annex 3 and other ICAO documents related to the MET area

- 1.1 Under this agenda item, the Meeting reviewed the following working paper:
- WP/03 – *Amendment 79 and 80 to ICAO Annex 3* (presented by the Secretariat).
- 1.2 The Meeting reviewed Amendments 79 and 80 to ICAO Annex 3.
- 1.3 The Meeting took note of the objectives pursued with the introduction of Amendment 79 to Annex 3. The Secretariat requested information from States on the status of implementation. The status is set out in the table contained in the Appendix to this part of the report.
- 1.4 With regard to Amendment 80, the Meeting recalled that the purpose of this amendment was to postpone the effective date of Amendment 77-B, due to the COVID-19 contingency.

Appendix A

Table for monitoring implementation of Amendment 79 to ICAO Annex 3

Implementation of Amendment 79 to ICAO Annex 3 – SAM Region			
STATE	Action taken by the authority	Action taken by the service provider	Likely date of full implementation
Argentina		Implemented: Regarding item 2.1 of WP/03: c) SIGMET coordination still pending implementation. It could be said that the first steps towards transnational implementation have been taken and that it would be implemented at national level by 2022 (STAGE 1). f) N/A g) N/A j) N/A l) To be confirmed The rest of the items have been implemented.	
Bolivia	RAB 93 was amended (ifth edition. Amendment 6. R.A. 239 dated 10/12/2020) based on Amendment 79 to ICAO Annex 3	Was circulated by the service provider	Applicable 15 December 2020
Brazil			
Chile	Adoption of the amendment in the regulations of the civil aviation authority		
Colombia	RAC203 implemented	To be implemented	Second half of 2022
Ecuador	A draft update of Regulation 203 was prepared based on Amendment 79 and 2nd edition of LAR203.	None. Awaiting the new Regulation 203	Second half of 2022
Guyana			
French Guiana			

Panama	Amendment 79 was included in RACP-Book XXX. Awaiting publication.	The SMS was consulted and it was agreed to develop a risk matrix for flights below FL100 in the Panama FIR	Second half of 2022
Paraguay			
Peru	<p>1. Adoption of Amendment 79 and 80 in the new edition of RAP303 Amendment 3. On 22 November, the pre-publication stage was completed and the final editing stage started. Publication is expected in December 2021.</p> <p>2. Guidance on MET staff competencies is included in Appendix K.</p> <p>3. Coordination with the DGCA for implementation of Amendment 79.</p> <p>4. Risk assessment on the need to issue AIRMET and GAMET products.</p> <p>5. Specific training in space weather is planned for operational MET staff.</p> <p>6. A selection committee was appointed for the procurement of 2023 SAM/RCM-WP/03 RAP 303 New Edition Amendment 3.</p> <p>7. The National Air Navigation Plan provides the roadmap to ensure compliance with the new amendments to Annex 3.</p> <p>8. Intermediation among stakeholders for the development of contingency plans.</p>	<p>1. Coordination with the DGCA for the implementation of Amendment 79. 2. Risk assessment on the need to issue AIRMET and GAMET products. 3. Specific training in space weather is planned for operational MET staff. 4. A selection committee was appointed for the procurement of the new AMHS system, which contemplates the exchange of meteorological information in IWXXM format.</p>	2023
Suriname			
Uruguay			

Venezuela	The CAA prepared the adoption of Amendment 79 to ICAO Annex 3 in Venezuelan aeronautical regulations. (RAV277-MET)	None	Pending approval by INAC legal consultants.
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Agenda Item 2: Review of Project H2- *Implementation of the International Airways Volcano Watch (IAVW)*

2.1 Under this agenda item, the Meeting reviewed the following working papers:

- WP/02 - *Updating of Annex 3 to report two or more ash clouds in SIGMET messages* (presented by Ecuador).
- WP/04 - *Follow-up to the recommendations of the Third Meeting on MET Projects* (presented by the Secretariat)
- WP/05 - *Coordination procedure between adjacent MWOs* (presented by the Secretariat)
- WP/06 - *SIGMET issuance and dissemination guide* (presented by the Secretariat)
- WP/07 - *Analysis of AIRMET and GAMET dissemination* (presented by the Secretariat)

2.2 The Secretariat followed up on several items recommended at the MET Project meetings and other meetings related to the MET area. The Secretariat reported to the Meeting on the status of:

- *Coordination between the Washington VAAC and SAM States associated to it:* It was noted that coordination procedures were implemented, and that a webinar was scheduled for 7 December for presenting coordination tools and functionalities available to improve the interaction between the VAAC and the meteorological watch offices;
- *Establishment of a TCAC for the South Pacific:* The Meeting noted that this requirement had been approved by GREPECAS, and that the process was in the hands of the MET Panel;
- *Coordination procedure between adjacent MWOs:* The Secretariat reminded States of Recommendation 3.4.4 introduced by Amendment 79 to Annex 3, concerning coordination procedures between MWOs of adjacent FIRs. The Meeting also recalled that previous meetings had already recommended these same procedures for coordination between adjacent FIRs, which are listed in WP/05. On this same issue, Argentina reported that the implementation of coordination procedures among the MWOs of Argentina was underway. Likewise, Peru and Ecuador, as well as Colombia and Panama, reported on coordination procedures still in the early stages of implementation. The Secretariat urged States to establish coordination procedures between the MWOs of adjacent FIRs.

2.3 Regarding coordination, the Meeting discussed the establishment of a platform similar to that of ATFM, for coordination of procedures. Plans were made to work on a platform where weekly meetings could be held for this task and to be on the alert in case of possible occurrences which might require such coordination. The Secretariat mentioned the possibility of using the REDDIG system to establish this platform. The Meeting urged States to explore possible coordination platforms for early 2022.

2.4 The Meeting followed up on activities related to the Volcanic Ash Project. In this regard, the following issues were discussed:

- *Volcanic ash exercises:* Argentina made a presentation on the results of the 2020 volcanic ash exercise;

- *Cooperation agreements with the States' volcano observatories:* Four States had established such agreements: Argentina, Chile, Ecuador, and Peru. The Meeting urged States with volcano observatories to establish such agreements.
- *Volcanic ash contingency plans:* The Secretariat followed up on the implementation of these plans. The status can be found in Appendix A to this part of the report.

2.5 Ecuador informed the Meeting of a volcanic ash cloud situation, in which the Volcanic Ash Advisory (VAA) warned of the presence of three volcanic ash clouds, a case not contemplated in ICAO Annex 3. Accordingly, Ecuador proposed to further an amendment to Annex 3, specifically in Note 28 of Table A6-1A of Appendix 6.

2.6 The Meeting, after reviewing the proposal of Ecuador, decided to issue the following conclusion:

Draft Conclusion SAM/RCM/01		UPDATE OF ANNEX 3 TO REPORT 2 OR MORE VOLCANIC CLOUDS IN SIGMET MESSAGES	
That: In order to align the text of ICAO Annex 3 with the reality of having more than two ash clouds, a) The ICAO-Lima Secretariat arrange with GREPECAS to update Annex 3, Appendix 6, Table A6-1A, Template for SIGMET and AIRMET messages, at the bottom (NOTES), No. 28 to read as follows: <i>“To be used for two or more volcanic ash clouds or two centres of tropical cyclones simultaneously affecting the FIR concerned”</i>		Expected impact: <input type="checkbox"/> Political/Global <input checked="" type="checkbox"/> Inter-regional <input type="checkbox"/> Economic <input type="checkbox"/> Environmental <input checked="" type="checkbox"/> Technical/Operational	
Why: There have been cases of 3 ash clouds occurring in the same event. The current text of Note N Table A6-1A, Annex 3 explicitly states that the term (connector) “AND” is to be used when (only) clouds are present.			
When: In Amendment 81 to Annex 3.		Status: Currently Annex 3 only mentions the use of “AND” for the issuance of SIGMETs when two ash clouds are present.	
Who: <input type="checkbox"/> States <input checked="" type="checkbox"/> ICAO <input type="checkbox"/> Other:			

2.7 The Meeting took note of the recommendation introduced by Amendment 79 to ICAO Annex 3, regarding the AIRMET and GAMET process and international distribution. The Meeting, after analysing the information, recommended that an assessment of international traffic below FL100 and FL150 be carried out to decide on the need to include an air navigation agreement for international distribution of AIRMET and GAMET messages. The results of traffic density assessments should be submitted to the Secretariat by **31 March 2022** at the latest.

2.7 With regard to the SIGMET Guide, the Secretariat furthered a revision thereof. Considering that the fourth meeting of the MET Panel had produced a model guide and that the ePPRC/02 meeting had approved its use, the Meeting requested the Secretariat to update the SIGMET Guide, in Spanish, by the end of February 2022 at the latest, and to submit it for approval and subsequent use. Pending alignment of the Guide with the version approved by the fourth meeting of the MET Panel, this version

would be considered as the official one since the ePPRC/02 had authorised its use. Furthermore, this new version would be considered as the guide for the SAM Region.

Appendix A

Volcanic Ash Contingency Plans - SAM Region			
STATE	Areas involved	Date of validity	Actions for their updating
Argentina	ANAC Airport administrator EANA PFA (SEI) Airport operator PSA Medical service Buenos Aires VAAC MWOs/AMOs (5) Only AMOs (4) International EMAs Volcano observatory (SEGEMAR) VONA implemented Obs: SEGEMAR: only agreement with the NWS. Agreement ANAC-SEGEMAR-EANA-NWS in process		Updated 19-05-2021 Additional comments: a) Volcanic ash control plan ANAC Resolution IF-2021-13698153-APN-DGISA#ANAC Resolution 2021-148-APN-ANAC#MTR
Bolivia	Plan implemented and disseminated	Version 1.0. (first edition) October 2018	In process of amendment
Brazil			
Chile	Chile renewed the agreement with the volcano observatory		
Colombia	Plans and VONA in place	In the process of updating national protocol, involving Air Force and	March 2022

		State aviation	
Ecuador	Agreement between DGCA – Geophysical Institute	Since September 2014, and is automatically renewed every 5 years	No changes
Guyana			
French Guiana			
Panama	Contingency Plan (pending approval) but no VONA yet		
Paraguay	Was updated		
Peru	CORPAC: Area control centre (ACC), Meteorological watch office (MWO). IGP: National volcanological centre – CENVUL	Entry into force: 15 October 2020. Reviewed every 3 years.	Entry into force: 15 October 2020. Reviewed every 3 years.
Suriname	Will be evaluated and the plan updated subsequently		
Uruguay	Ash contingency plan		
Venezuela	<p>1.- The CAA notified the METP (SERMETAVIA) of the commitment made at the SAM/RCM regarding the drafting of a Volcanic Ash Contingency Plan, as part of the functions of the MWO, in accordance with the provisions set forth in RAV277.- Chapter C. Section 277.13.</p> <p>2. The METP (SERMETAVIA) will coordinate with the air navigation service (ANS) as needed for the drafting of such a plan.</p> <p>3. The CAA will supervise and ensure the implementation and enforcement of the Plan.</p>	Following drafting by the METP (SERMETAVIA) and approval by the CAA/ANS	Monitoring and verification of data on volcanic ash events occurring in adjacent FIRs

Agenda Item 3: Review of Project H3 - Implementation of the MET information quality management system (MET/QMS)

3.1 Under this agenda item, the Meeting reviewed the following working paper and information paper:

- WP/08 - *Follow-up to MET/QMS implementation and certification in the SAM Region* (presented by the Secretariat)
- IP/03 - *Status of implementation of quality management in the Aeronautical Meteorological Service of Brazil* (presented by Brazil)

3.2 The Meeting reviewed the status of implementation of quality management systems in meteorological processes supporting international air navigation.

3.3 The following States presented the status of implementation of their quality management systems:

- Guyana
- Panama
- Paraguay
- Suriname
- Uruguay

3.4 Likewise, Brazil presented an information paper describing their plans for the implementation and certification of QMS at CIMAER, to be completed in 2024.

3.5 The status of implementation of MET/QMS in SAM States is shown in the table contained in Appendix A to this part of the report.

3.6 The Meeting noted that ICAO Doc 9873 had been deleted and replaced by the Guide for the Implementation of Quality Management Systems in national meteorological and hydrological services and other relevant service providers (WMO-No. 1100).

Appendix A

MET/QMS Implementation – SAM Region				
STATE	Implemented	Certified	In process of certification	Re-certification date
Argentina	Implemented	Certified		
Bolivia	Implemented	Certified		
Brazil	Implemented	No	In process/2024	
Chile	Implemented	Certified		
Colombia	IDEAM – Implemented MET Group – UAEAC - Implemented	IDEAM- Certified UAEAC – No	MET-related processes should be certified and therefore the certification process has been extended	
Ecuador	In process of implementation		Not started	
Guyana	GAP analysis to migrate to ISO 9001 version 2015	Not started	Not started	
French Guiana				
Panama	Implemented	Certified but could not re-certify - Dec/2021 – Re-certification audit (second half of 2022)		
Paraguay	Implemented	Certified but could not re-certify - June/2022 – Re-certification audit subject to budget availability		
Peru	Implemented	Certified		
Suriname	Roadmap in place to complete the migration to version 2015	Aligned with version 2015, with re-certification audit likely to be held in September/2022		

Uruguay	Implemented with reservations from DINACIA	First certification audit likely to be held in the first half of 2022		
Venezuela	No change but they are in the process of updating		Not started	

Agenda Item 4: Review of Project H4 - OPMET exchange and MET Tables of the CAR/SAM e-ANP

4.1 Under this agenda item, the Meeting reviewed the following working papers and information papers:

- WP/09 - *Follow-up to the implementation of OPMET exchange in IWXXM format* (presented by the Secretariat)
- WP/10 - *Review of Tables MET II-1 and MET II-2 of the CAR/SAM e-ANP* (presented by the Secretariat)
- IP/02 - *Status of OPMET exchange in the SAM Region and new functionalities of the OPMET bank* (presented by Brazil)
- IP/04 - *Status of implementation of IWXXM* (presented by Ecuador)

4.2 The Meeting followed up on the implementation of OPMET exchange in IWXXM format. In addition to the working papers, the following presentations were made:

- Secretariat: Testing the exchange of OPMET messages in IWXXM format and radar data
- Peru: Status of implementation of IWXXM in Peru
- Guyana: Implementation of IWXXM in Guyana

4.3 Ecuador presented an information paper reporting on the status of implementation of IWXXM in Ecuador.

4.4 Brazil presented an information paper on the new functionalities of the Brasilia International OPMET Data Bank and its adaptation for the exchange of OPMET messages in IWXXM format.

4.5 The Secretariat referred to the testing of the exchange of OPMET messages in IWXXM format between the OPMET bank and the States of Argentina, Peru, Ecuador, Guyana, and Cuba. The Meeting took note that when tests were conducted between the OPMET bank and Cuba, the latter had developed a guide to support testing. The Secretariat would seek permission from Cuba to share this guide as an example for other States that had not yet conducted tests of the exchange in IWXXM format.

4.6 The Secretariat also informed the Meeting of the possibility of using the REDDIG for the exchange of meteorological RADAR data among the States. The Meeting took note of this functionality and recommended the conduction of tests for sharing meteorological RADAR data among States and make the data available at the area control centres (ACCs) of the FIRs through the REDDIG.

4.7 The status of implementation of IWXXM is shown in the following table:

Implementation of IWXXM – SAM Region			
STATE	Implemented	Status of the process	Likely date of implementation
Argentina	Implemented	Exchange tests	
Bolivia	No		No date
Brazil	Implemented	Exchange tests with SAM, CAR and EURNAT States	
Chile	No		March/2022
Colombia	No		Second semester/2022
Ecuador	No	Exchange tests with the OPMET bank – Has a module for TAC-to-IWXXM conversion.	First half of 2022 via web service until completion of the process through AMHS (second half of 2023)
Guyana	Implemented	Exchange tests with the OPMET bank	
French Guiana			
Panama	No		End of 2022
Paraguay	No	Acquisition of module for TAC-to-IWXXM conversion	March 2022
Peru	No	Exchange tests with the OPMET bank - Has module for TAC-to-IWXXM conversion	End of 2022
Suriname	No	In process of acquisition	End of 2022
Uruguay	No	Has a module for TAC-to-IWXXM conversion	Second half of 2022 via web service until completion of the process through AMHS
Venezuela	No	Exchange tests with the OPMET bank - Has module for TAC-to-IWXXM conversion	End of 2022

4.8 The Meeting reviewed Tables MET II-1 and MET II-2 of the CAR/SAM e-ANP of the SAM Region. The Meeting noted that a letter had been circulated to States for revision of Tables AOP-I and II, based on Conclusion GREPECAS/19-XX. States were urged to submit any proposals of amendment to the Secretariat by 28 February 2022.

Agenda Item 5: Follow-up to contingency plans for release of radioactive material

- 5.1 Under this agenda item, the Meeting reviewed the following working paper:
- WP/11 - *Contingency plans for release of radioactive material* (presented by the Secretariat)
- 5.2 The Meeting followed up on the implementation of contingency plans for release of radioactive material. The Secretariat reminded the Meeting that, since 2014, this point had been insisted upon to no avail, with the exception of Argentina and Chile.
- 5.3 The States noted that there were international procedures for the management of radioactive material, which were not known to the civil aviation authority and the air navigation service providers, and with which it was necessary to become familiar before drawing up a contingency plan. The States also noted that some of them had already contacted the atomic energy agencies of their States to plan the drafting of the contingency plan.
- 5.4 The Secretariat recalled Conclusion SAMIG/23 on the release of radioactive material. The Meeting followed up on the implementation of this conclusion, which is shown in the table contained in Appendix A to this part of the report.
- 5.5 The Meeting took note of the presentation by Argentina regarding the Contingency Plan for Release of Radioactive Material and of the exercise conducted to test the plan.
- 5.6 The Meeting urged States to make every effort to draft the Contingency Plan for Release of Radioactive Material and submit it to the Secretariat in the first half of 2022.

Apéndice/Appendix A

Tabla de seguimiento de implantación del Plan de Contingencia por Liberación de Material Radiactivo /
Table for monitoring the implementation of the Contingency Plan for Release of Radioactive Material

Implementation of IWXXM – SAM Region			
ESTADO /State	Implantado / Implemented	Situación actual del Proceso / Status	Áreas Involucradas / Areas involved
Argentina	Implemented	Partially implemented – Pending inclusion of EANA in the Plan. Under discussion	
Bolivia	Not implemented	Under development	ATS/MET
Brazil			
Chile	Implemented		
Colombia	NO	Having meetings with the Ministry of Energy in order to coordinate global system warnings	ATC IDEAM MET AND AIM
Ecuador	Not implemented	Holding discussions with the Under-Secretariat for Nuclear Control and Applications (SCAN) of the Ministry of Energy and Non-Renewable Natural Resources (MERNNR)	DGAC / MERNNR
Guyana			
French Guiana			
Panama			
Paraguay			
Peru	Pending implementation. Initial contact with the <i>Instituto Peruano de Energía Nuclear</i> (IPEN), the national authority that oversees compliance with standards for the safe operation of nuclear and radioactive facilities. Contingency plan scheduled to be implemented in 2022. CORPAC: Area control centre (ACC) and meteorological	Pending implementation. Initial contact with the <i>Instituto Peruano de Energía Nuclear</i> (IPEN), the national authority that oversees compliance with standards for the safe operation of nuclear and radioactive facilities. Contingency plan scheduled to be implemented in 2022. CORPAC: Area control centre (ACC) and meteorological watch office (MWO) in the Lima FIR. IPEN: Sub-directorate of radiological safety.	Pending implementation. Initial contact with the <i>Instituto Peruano de Energía Nuclear</i> (IPEN), the national authority that oversees compliance with standards for the safe operation of nuclear and radioactive facilities. Contingency plan scheduled to be

	watch office (MWO) in the Lima FIR. IPEN: Sub-directorate of radiological safety		implemented in 2022. CORPAC: Area control centre (ACC) and meteorological watch office (MWO) in the Lima FIR. IPEN: Sub-directorate of radiological safety.
Suriname			
Uruguay			
Venezuela	In process of implementation	Under study and in the process of implementation by METP (SERMETAVIA).	<p>1.- The CAA notified the METP (SERMETAVIA) the commitment acquired at the SAM/RCM, regarding the drafting of a Contingency Plan for Release of Radioactive Material, as part of the functions of the MWO, in accordance with the provisions of RAV277.- Chapter C. Section 277.12. Paragraph (b), subparagraph (9).</p> <p>2. The METP (SERMETAVIA) will coordinate with the air navigation service (ANS) as needed for the drafting of said plan.</p> <p>3. The CAA will monitor and oversee the implementation</p>

			and enforcement of the Plan.
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Agenda Item 6: Other matters

- 6.1 Under this agenda item, the Meeting reviewed the following working paper:
- WP/12 - *GREPECAS Conclusions and Decisions related to the MET area* (presented by the Secretariat)
- 6.2 The Meeting was informed that the PPRC had decided to finalise the MET Programme projects since they had complied with the generation of implementation material and procedures, and that they had been replaced by an Implementation Monitoring Project.
- 6.3 The Meeting also took note that, should new projects be proposed, they should follow the guidelines listed below:
- a) Compilation of information concerning en-route weather phenomena that could affect the safety of aircraft operations (homogeneous SIGMETs); or
 - b) Implementation of the ICAO weather information exchange model (IWXXM); or
 - c) Development of meteorological messages to be exchanged in a system-wide information management environment (SWIM).
- 6.4 The Meeting decided to develop two projects, one for item a) and another for item b).
- 6.5 For item a), the project would be developed by Argentina, Chile, Panama and Paraguay. The Secretariat would send the Project Charter before the end of December, and the preliminary project would be submitted to the Secretariat by 15 February.
- 6.6 The Meeting invited the States to propose volunteers to develop a project for item b). In this regard, following the Meeting, Peru offered to lead a project.