

## **APPENDIX A**

### **SAM COM/MET 2019 Implementation Meeting**

(Lima, Peru, April 23 to 25 2019)

#### **DRAFT AGENDA**

- Agenda Item 1: OPMET EXCHANGE
- a) review of the requirements for the OPMET exchange
  - b) review of the results of the OPMET exchange controls for 2017, 2018 and 2019;
  - c) operation, functioning, and use of the OPMET International Data Bank of Brasilia;
  - d) revision of the data Catalog of the OPMET Brasilia International Data Bank;
  - e) CAR/SAM e-ANP review, Part V-MET of Vol. I, Vol. II and of the OPMET Guide for the CAR/SAM Regions;
  - f) preparation of the MET part of Vol. III of the CAR/SAM e-ANP;
  - g) analysis of the opportunities for improvements observed in the transmitted OPMET messages (METAR, SPECI, TAF, SIGMET).
- Agenda Item 2: Follow-up to the regional implementation of the ATN architecture implementation project and of the ATN ground-ground applications in the SAM Region (AMHS systems and the interconnection thereof).
- Agenda Item 3: Review of SIGMET messages. Analysis of the format and Exchange.
- Agenda Item 4: Exercises of SIGMET messages due to volcanic ash. Evolution and future projects.
- Agenda Item 5: Amendment 78 to Annex 3. Implementation of OPMET data exchange in XML/GML format, model IWXXM, preparation for the exchange of OPMET messages in a SWIM environment and space condition messages (Space Meteorology).
- Agenda Item 6: Other business.

**EXPLANATORY NOTES OF DRAFT AGENDA****Agenda Item 1: OPMET Exchange****a) Review of the requirements for the OPMET exchange**

Under this Agenda item, the OPMET exchange requirements will be reviewed at a regional and global level, as well as the results of the OPMET exchange controls.

**b) Review of the results of the OPMET exchange controls**

Under this agenda item, a review will be made of the results of the quarterly controls carried out by the OPMET Data Bank of Brasilia.

**c) Operation, functioning, and use of the OPMET International Data Bank of Brasilia;**

In this agenda item, Brazil, as the Bank's supplying State, will present to the Meeting a note on the current status of operation and functioning of the OPMET International Data Bank of Brasilia.

**d) Revision of the data Catalog of the OPMET International Data Bank of Brasilia;**

In this agenda item, the Data Catalog of the OPMET International Data Bank of Brasilia will be reviewed in order to align it with the requirements of Amendment 78 to Annex 3 of the ICAO.

**e) Review of CAR/SAM e-ANP, Part V-MET of Vol. I and Vol. II, and of the OPMET Guide for the CAR/SAM Regions;**

Under this agenda item, the Tables of Part V-MET of Vol. I and II of the CAR/SAM e-ANP and of the OPMET Guide for the CAR/SAM Regions, will be reviewed to analyze their current status and propose the updates if necessary

**f) Preparation of the MET part of Vol. III of the e-ANP CAR/SAM.**

Under this agenda item, Module B0-AMET and B1-AMET, of the Global Air Navigation Plan (GANP) will be reviewed and will be proposed the preparation of Vol. III of the e-ANP CAR/SAM for the SAM Region, aligning it with the GANP.

**g) Analysis of the opportunities for improvements observed in the transmitted OPMET messages (METAR, SPECI, TAF, SIGMET).**

In this agenda item, the Meeting will take note of the improvement opportunities detected in the different controls made to the OPMET messages transmitted by the States and that are available in the OPMET exchange circuits.

**Agenda Item 2: Follow-up to the regional implementation of the ATN architecture implementation project and of the ATN ground-ground applications in the SAM Region (AMHS systems and the interconnection thereof).**

The Meeting will be informed of the progress made with the use of REDDIG II, which entered into operation in February 2015, thus implementing the communications infrastructure (ATN) necessary for the applications of the Air Navigation Service in the SAM Region. In addition, the Meeting will review the implementation status of the AMHS systems, as well as the implementation of the AMHS interconnections, a priority activity considered in the Declaration of Bogotá, and the migration of equipment/systems from the AFTN environment to AMHS.

**Agenda Item 3: Review of SIGMET messages. Analysis of the format and exchange.**

Under this agenda item, SIGMET format requirements will be reviewed, as well as complaints from users and industries about errors in the preparation of SIGMET. In addition, the actions taken by the States to improve the availability and quality of SIGMET data will be analyzed.

**Agenda Item 4: Exercises of SIGMET messages due to volcanic ash. Evolution and future projects.**

Under this agenda item, the results of the exercises of Volcanic Ash at the SAM level will be reviewed carried out in the years 2015 and 2016. Likewise, the proposal of its evolution will be analyzed according to Amendment 78 to Annex 3, as well as ICAO MET Panel considerations.

**Agenda Item 5: Amendment 78 to Annex 3. Implementation of OPMET data exchange in XML/GML format, model IWXXM, preparation for the exchange of OPMET messages in a SWIM environment and space condition messages (Space Meteorology).**

Under this agenda item, the Meeting will take note of the activities carried out by WMO and ICAO in relation to the exchange of OPMET data in the XML/ GML format, implementation of the IWXXM model. Considerations related to the necessary infrastructures and advantages of their implementation and considerations for the exchange of OPMET messages in a SWIM environment, will be presented to the Meeting. Likewise, the Meeting will be informed of the activities carried out for the implementation of the distribution of advisory messages for space conditions, to be issued by the Space Weather Centers.

**Agenda Item 6: Other business**

Under this agenda item, the Meeting will analyze other issues that have not been contemplated in the previous points, but its analysis is considered important.