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国际民用
航空组织

Ref.: LT 2/7.3.7/SA275

4 May 2006

Subject: **Approval of Proposal for amendment to ICAO CAR/SAM Air Navigation Plan (Doc 8733), Volume II, Facilities and Services Implementation Document – FASID (Serial No. SAM 06/3-MET)**

Dear Sir,

I have the honour to inform you that the attached amendment of the ICAO CAR/SAM Air Navigation Plan (Doc 8733), Volume II, FASID has been processed according to the procedure approved by the Council on 26 February 1997 and is now considered approved.

The material concerned will be implemented as soon as practicable.

This amendment will be incorporated in the next consolidated amendment to be issued to the ICAO CAR/SAM Air Navigation Plan.

Accept, Sir, the assurances of my highest consideration.

(original signed by)

José Miguel Ceppi
Regional Director
South American Office, Lima

Enc.

Subject: Proposal for amendment to ICAO CAR/SAM Air Navigation Plan (Doc 8733), Volume II, Facilities and Services Implementation Document – FASID (Serial No. SAM 06/3-MET)

a) **Plan:** CAR/SAM Air Navigation Plan, Volume II - FASID (Doc 8733)

b) **Proposal for amendment:**

1. **Amend** the text of the ICAO CAR/SAM Air Navigation Plan Volume II – FASID (Doc 8733), as follows and in accordance with **Appendix A** to this proposal for amendment.

- i) **Add** Table MET 3C in the title “Tropical Cyclone and Volcanic Ash Advisory Centres” and also **add** paragraph 8.;
- ii) **Amend** paragraph 9. and the Note of “World Area Forecast System (WAFS)”.

*Note: See the indicated changes in **Appendix A** to this proposal for amendment.*

2. **Amend** FASID Table MET 1A - Meteorological Service required at Aerodromes, as follows:

Bahamas

- i) **Add** “X” in column 10 corresponding to GEORGE TOWN/George Town, Exuma I., GOVERNOR’S HARBOUR/Governor’s Harbour, Eleuthera I., MARSH HARBOUR/Marsh Harbour, Abaco I., NORTH ELEUTHERA/North Eleuthera, Eleuthera I., TREASURE CAY/Treasure Cay, Abaco I. and WEST END/West End, Grand Bahama I.

Brazil

- i) **Add** MACEIO/Zumbi dos Palmares Intl. aerodrome.

Chile

- i) **Delete** TEMUCO/Maquehue aerodrome and all the corresponding information.

Honduras

- i) **Add** “X” in column 6 A and B1 and in column 10 corresponding to LA CEIBA/Golosón Intl.;
- ii) **Add** “X” in column 10 corresponding to COXEN HOLE/Juan Manuel Galvez Intl., Roatán I.;
- iii) **Add** “L” in column 7 corresponding to SAN PEDRO SULA/La Mesa Intl.;
- iv) **Delete** “S” of column 7 corresponding to TEGUCIGALPA/Toncontín Intl.

Nicaragua

- i) **Add “X”** in column 10 corresponding to PUERTO CABEZAS/Puerto Cabezas.

Panama

- i) **Add “X”** in column 10 corresponding to BOCAS DEL TORO/Bocas del Toro, CHANGUINOLA/Cap. Manuel Niño and DAVID/Enrique Malek, PANAMA/Marco A. Gelabert.

Paraguay

- i) **Add “X”** in column 10 corresponding to CIUDAD DEL ESTE/Guaraní.

Perú

- ii) **Add “X”** in column 8 corresponding to AREQUIPA/Rodríguez Ballón Intl.

Puerto Rico

- i) **Add “X”** in column 10 corresponding to AGUADILLA/Rafael Hernandez Intl, FAJARDO/Diego Jiménez Torres and VIEQUES/Antonio Rivera.

San Vicent and the Grenadines

- i) **Add “X”** in column 10 corresponding to CANOUAN/Canouan, MUSTIQUE/Mustique and UNION ISLAND/Union Island.

Suriname

- i) **Add “X”** in column 10 corresponding to NEW NICKERIE/Maj. Fernández and PARAMARIBO/Zorg en Hoop.

Uruguay

- i) **Replace RIVERA/Cerro Chapeu Intl. aerodrome by Presidente General Oscar D. Gestido Intl.**

Venezuela

- i) **Add “X”** in column 10 corresponding to PARAGUANA/Joséfa Camejo Intl and VALENCIA/Zim Valencia Intl.

*Note: See the indicated changes in **Appendix B** to this proposal for amendment.*

- 3. **Amend FASID Table MET 1B - Meteorological Watch Offices, as follows:**

Brazil

- i) **Add the information corresponding to Brasilia, Curitiba and Recife MWO in column 3.**

Chile

- i) **Add** SANTIAGO/Arturo Merino Benítez in column 1 under ANTOFAGASTA/Cerro Moreno and the corresponding information in columns 2 and 5.

Honduras

- i) **Delete** the Remarks of column 5 corresponding to TEGUCIGALPA/Toncontín Intl.

Mexico

- i) **Delete** the Remarks of column 5 corresponding to MEXICO/Lic. Benito Juárez Intl. – Mazatlán Oceanic FIR/UIR and Mexico FIR/UIR/SRR.

United States

- i) **Replace** in column 1, MIAMI/Tropical Prediction Center by KANSAS CITY/Aviation Weather Center;
- ii) **Replace** in column 1, KNHC por KKCI.

*Note: See the indicated changes in **Appendix C** to this proposal for amendment.*

- 4. **Amend** FASID Table MET 2A – Exchange of Operational Meteorological Information, as follows:

- i) **Add** the Note at the bottom of the Explanation of the Table.
- ii) **Amend** the Table according to the changes indicated en **Appendix D**.

*Note: See the indicated changes in **Appendix D** to this proposal for amendment.*

- 5. **Amend** FASID Table MET 2B – Exchange of SIGMET and Special AIREP messages, as follows:

- i) **Replace** “s” by “S” in the line corresponding to Las Palmas, Canary Islands, in the columns corresponding to Argentina and Chile and **add** “S” in the columns corresponding to Brazil and Paraguay (page VI-MET 2B-3);
- ii) **Add** “S” in the line corresponding to Sal I., Cape Verde, in the columns corresponding to Brazil and Suriname (page VI-MET 2B-3);
- iii) **Add** “S” in the line corresponding to Accra, Ghana, in the column corresponding to Brazil (page VI-MET 2B-3);
- iv) **Replace** “s” by “S” in the line corresponding to Dakar, Senegal, in the column corresponding to Argentina, **add** “S” in the column corresponding to Brazil and **delete** “S” in the column corresponding to Suriname (page VI-MET 2B-3);

- v) **Add** “S” in the line corresponding to Cape Town, South Africa, in the column corresponding to Brazil (página VI-MET 2B-3);
- vi) **Add** “S” in the line corresponding to Johannesburg, South Africa, in the column corresponding to Brazil (página VI-MET 2B-3);
- vii) **Replace** “s” by “S” in the line corresponding to Havana, Cuba, in the columns corresponding to Argentina, Brazil and **add** “S” in the column corresponding to Guyana” (page VI-MET 2B-3);
- viii) **Add** “S” in the line corresponding to Santo Domingo, Dominican Republic, in the column corresponding to Guyana (page VI-MET 2B-3);
- ix) **Replace** “s” by “S” in the line corresponding to Port-au-Prince, Haiti, in the column corresponding to Brazil (page VI-MET 2B-3);
- x) **Replace** “s” by “S” in the line corresponding to Kingston, Jamaica, in the column corresponding to Argentina and **add** “S” in the columns corresponding to Brazil and Guyana (page VI-MET 2B-4);
- xi) **Replace** “s” by “S” in the line corresponding to Mexico, Mexico, in the columns corresponding to Argentina and Brazil (page VI-MET 2B-4);
- xii) **Replace** “s” by “S” in the line corresponding to Willemstad, Netherlands Antilles, in the column corresponding to Argentina (page VI-MET 2B-4);
- xiii) **Delete** “S” in the line corresponding to San Juan, Puerto Rico, in the column corresponding to Suriname (page VI-MET 2B-4);
- xiv) **Replace** “s” by “S” in the line corresponding to Port-of-Spain, Trinidad and Tobago, in the column corresponding to Argentina (page VI-MET 2B-4);
- xv) **Replace** “s” by “S” in the line corresponding to Milano, Italy, in the columns corresponding to Argentina and Brazil (page VI-MET 2B-4);
- xvi) **Replace** “s” by “S” in the line corresponding to Roma, Italy, in the column corresponding to Brazil (page VI-MET 2B-4);
- xvii) **Replace** “s” by “S” in the line corresponding to Lisboa, Portugal, in the columns corresponding to Argentina and Brazil and **delete** “s” in the columns corresponding to Guyana and Suriname (page VI-MET 2B-4);
- xviii) **Replace** “s” by “S” in the line corresponding to London/Bracknell, United Kingdom, in the columns corresponding to Argentina and Brazil and **delete** “s” in the column corresponding to Suriname (page VI-MET 2B-4);
- xix) **Add** “S” in the line corresponding to Toronto, Canada, in the column corresponding to Brazil (page VI-MET 2B-5);
- xx) **Delete** the line corresponding to “Kansas City”, United States (page VI-MET 2B-5);

- xxi) **Replace** “Miami” by “Kansas City”, United States and **add** “KKCI” in the column corresponding to ICAO Location Ind., **replace** “s” by “S” in the column corresponding to Argentina and **add** “S” in the column corresponding to Perú (page VI-MET 2B-5);
- xxii) **Add** “S” in the line corresponding to Comodoro Rivadavia, Argentina, in the column corresponding to Brazil (page VI-MET 2B-5);
- xxiii) **Delete** “S” in the line corresponding to Brasilia, Brazil, in the column corresponding to Suriname (page VI-MET 2B-5);
- xxiv) **Add** “S” in the line corresponding to Recife, Brazil, in the column corresponding to Suriname (page VI-MET 2B-5);
- xxv) **Add** “S” in the line corresponding to Antofagasta, Chile, in the column corresponding to Brazil (page VI-MET 2B-6);
- xxvi) **Add** “S” in the line corresponding to Puerto Montt, Chile, in the column corresponding to Brazil (page VI-MET 2B-6);
- xxvii) **Add** “S” in the line corresponding to Punta Arenas, Chile, in the column corresponding to Brazil (page VI-MET 2B-6);
- xxviii) **Delete** “s” in the line corresponding to Santiago, Chile, in the column corresponding to Suriname (page VI-MET 2B-6);
- xxix) **Replace** “s” by “S” in the line corresponding to Santa Fé de Bogotá, Colombia, in the column corresponding to Argentina and **add** “S” in the column corresponding to Guyana (page VI-MET 2B-6);
- xxx) **Replace** “s” by “S” in the line corresponding to Guayaquil, Ecuador, in the column corresponding to Argentina (page VI-MET 2B-6);
- xxxi) **Replace** “s” by “S” in the line corresponding to Timehri, Guyana, in the column corresponding to Argentina (page VI-MET 2B-6);
- xxxii) **Replace** “s” by “S” in the line corresponding to Panama/Tocumen, Panama, in the column corresponding to Argentina and **delete** “s” in the column corresponding to Suriname (page VI-MET 2B-6);
- xxxiii) **Replace** “s” by “S” in the line corresponding to Caracas, Venezuela, in the column corresponding to Argentina and **add** “S” in the column corresponding to Peru (page VI-MET 2B-6);

*Note: See the indicated changes in **Appendix E** to this proposal for amendment.*

6. Amend FASID Table MET 3A – Tropical Cyclone Advisory Centre, as follows:

- i) **Add** the note corresponding to Column “5.” in the Explanation of the Table;
- ii) **Delete** “the “*Note*” at the end of the Explanation of the Table;

- iii) **Add** the title in columns 4 and 5 of the Table;
- iv) **Delete** “Amazonico”, “Maiquetía”, “San Juan, Puerto Rico” in column 4 of the Table and **replace** “Georgetown” by “Timehri”;
- v) **Add** “Caracas”, “Kansas City” and “Recife” in column 4 of the Table;
- vi) **Add** the information corresponding to column 5 of the Table, as indicated in *Appendix F*.

Note: See the indicated changes in Appendix F to this proposal for amendment.

7. Amend FASID Table MET 3B – Volcanic Ash Advisory Centre, as follows:

- i) **Add** the notes corresponding to Columns “2.” And “7.” in the Explanation of the Table;
- ii) **Amend** the numbering of the columns of the Explanation of the Table;
- iii) **Delete** the “Note” at the end of the Explanation of the Table;
- iv) **Add** columns “2.” and “5.” in the Table, corresponding to “ICAO Location Ind.” of the Volcanic Ash Advisory Centre and MWOs to which advisory information is to be sent ;
- v) **Add** the corresponding Location Indicators in column “5” of the Table;
- vi) **Amend** the numbering of the columns of the Table, as indicated in *Appendix G*.

Note: See the indicated changes in Appendix G to this proposal for amendment.

8. Insert the new FASID Table MET 3C – Selected State volcano Observatories included in *Appendix H* to this proposal for amendment (page VI-MET 3C-1 to VI-MET 3C-4).

9. Amend FASID Table MET 5 – Requirements for WAFS Products, as indicated in *Appendix I* to this proposal for amendment (page VI-MET 5-1).

10. Amend FASID Table MET 6 – Responsibilities of the World Area Forecast Centres, as indicated in *Appendix J* to this proposal for amendment (page VI-MET 6-1).

11. Replace FASID Charts MET 4, MET 5 and MET 6 at the end of FASID Table MET 6, with those charts included as *Appendix K* to this proposal for amendment.

12. Amend FASID Table MET 7 – Authorized Users of the ISCS/1 Satellite Broadcast in the CAR/SAM Regions, as indicated in *Appendix L* to this proposal for amendment (page VI-MET 7-1).

c) **Originated by:** The Second Meeting of the WAFS Operations Group; the Second Meeting of the IAVW Operations Group, the Thirteenth Meeting of GREPECAS; Argentina, Brazil, Chile, Guyana, Honduras, Panama, Paraguay, Peru, Suriname, United States, Uruguay, IATA and the Secretariat.

d) **Originator's reasons for amendment:**

1. The WAFS Operations Group (WAFSOPSG/2), Bangkok, Thailand, 8 to 11 March 2005, reviewed and updated the global regional procedures, which would render them compatible with Annex 3 provisions and agreed, under Conclusion 2/2, to amend paragraph 8 and FASID Tables MET 5 and MET 6 of all ICAO Air Navigation Plans.
2. The IAVW Operations Group, during its second meeting (IAVWOPSG/2), Lima, Peru, 26 to 30 September 2005, reviewed and updated the global regional procedures, which would render them compatible with Annex 3 provisions and agreed, under Conclusion 2/2, to introduce the requirement for information on volcanic activity, a volcanic eruption and/or volcanic ash in the atmosphere from selected State volcano observatories and the related new CAR/SAM FASID Table MET 3C which sets out the responsibilities of direct notification of the special information to the corresponding Area Control Centres (ACC), Meteorological Watch Offices (MWO) and Volcanic Ash Advisory Centres (VAAC).
3. The Thirteenth CAR/SAM Regional Planning and Implementation Group (GREPECAS/13), Santiago, Chile, 14 to 19 September 2005, reviewed the procedures for the CAR/SAM Regions, which would render them compatible with Annex 3 and approved the new CAR/SAM FASID Table MET 3C under Conclusion 13/31 b) in order to make a consolidated amendment of Part VI – Meteorology (MET) of the CAR/SAM Air Navigation Plan (Doc 8733), Vol. II, FASID.
4. Argentina, Brazil, Chile, Guyana, Honduras, Panama, Paraguay, Peru, Suriname, United States, Uruguay and IATA requested amendments to CAR/SAM FASID MET Tables to update current operational requirements.

e) **Date proposed for implementation:**

Immediately after the target date for comments by States/Organizations.

f) **Proposal circulated to the following States/Territories and Organizations:**

Anguilla (R.U.)	Bolivia
Antigua and Barbuda	Brazil
Argentina	Canada
Aruba (K. of the Netherlands)	Canary Islands (Spain)
Bahamas	Cape Verde
Barbados	Cayman Islands (UK)
Belize	Chile
Bermuda (UK)	Colombia

Costa Rica	Saint Kitts and Nevis
Cuba	Saint Lucia
Dominica	Saint Vincent and the Grenadines
Dominican Republic	Senegal
Ecuador	South Africa
French Antilles (France)	Spain
France	Suriname
French Guiana	Trinidad and Tobago
El Salvador	Turks and Caicos Islands (UK)
Gambia	United Kingdom
Ghana	United States
Grenada	Uruguay
Guatemala	Virgin Islands (UK)
Guyana	Virgin Islands (United States)
Haiti	Venezuela
Honduras	
Italy	Brasilia OPMET data bank (Brazil)
Jamaica	Vienna OPMET data bank (Austria)
Mexico	ISCS (United States)
Montserrat (UK)	SADIS (United Kingdom)
Nicaragua	International organizations:
Netherlands Antilles	
Netherlands, K. of the	IATA
Panama	IFALPA
Paraguay	WMO
Peru	
Portugal	
Puerto Rico (United States)	
COCESNA	

g) **Comments by the Secretariat:**

The Secretariat supports the proposed amendment to Part VI – MET of CAR/SAM ANP, FASID, as a follow-up to WAFSOPSG/2 Conclusion 2/2, IAVWOPSG/2 Conclusion 2/2, GREPECAS/13 Conclusion 13/31 and States' operational requirements.