



Agenda Item 1: OPMET exchange

a) Review of OPMET exchange requirements on the basis of CAR/SAM FASID Tables MET 1A and MET 2A, information availability and quality

(Presented by the Secretariat)

SUMMARY	
This working paper presents the requirements for OPMET information exchange in accordance with the valid ANP, Volume I, Basic and Volume II, FASID.	
REFERENCES	
<ul style="list-style-type: none">• CAR/SAM Regional Air Navigation Plan (Doc 8733), Vol. I, Basic and Vol. II, FASID; and• Report of the Fifteenth Meeting of the CAR/SAM Regional Planning and Implementation Group (GREPECAS 15), Rio de Janeiro, 13 – 17 October 2008.	
ICAO strategic objectives:	<i>A – Safety C – Environmental Protection and Sustainable Development of Air Transport</i>

1. Background

1.1 Part VI – Meteorology (MET) of the Caribbean and South American Air Navigation Plan – Basic includes elements of the current planning system and incorporates basic planning principles, operational requirements and planning criteria related with aeronautical meteorology (MET), as prepared for the CAR/SAM Regions, and considered as the minimum required for an efficient planning of MET facilities and services. A detailed description or list of facilities and services to be provided by States to comply with ANP Basic requirements is presented in the CAR/SAM Facilities and Services Implementation Document (FASID).

2. Discussion

Review of the OPMET data requirements based on CAR/SAM FASID Tables MET 1A and MET 2A

2.1 The Meeting may recall that in order to harmonize the information contained in Doc 7910 – Location Indicators and CAR/SAM FASID Table AOP 1, GREPECAS 15 approved Decision 15/16 – *Harmonization of the information contained in CAR/SAM FASID Table AOP 1 and in Doc 7910.*

2.2 In compliance to the referred decision, on 15 September 2011 proposal for amendment to CAR/SAM FASID Table AOP 1 was approved, thus, the proposal for amendment included in **Appendix A** to this working paper was prepared.

Availability and quality of OPMET information

2.3 The Meeting may recall that accordance to the procedures established in GREPECAS previous meetings, States should carry out an OPMET control from 10 to 16 June each year and the Brasilia International OPMET Databank four (4) annual controls with reviews to OPMET messages headings, which resulted in an important improvement in the reception of same.

2.4 In this context, in accordance with Annex 3 Standard 2.2.3 – Meteorological services for international air navigation, next 15 November, providers of meteorological services for international air navigation should have established and in application a quality management system of meteorological information, States should have procedures and specific processes regarding, among others, to the transmission and quality of aeronautical meteorology information.

2.5 The Meeting could agree that as a complement to the procedures and processes regarding the quality of OPMET information, the OPMET focal points, included as **Appendix B**, could inform the Secretariat on any deviation found in OPMET information received in their States and approve the following draft conclusion:

DRAFT CONCLUSION

COM/MET 12/XX -

AVAILABILITY AND QUALITY OF OPMET INFORMATION

That, as a complement to the procedures and processes regarding the quality of meteorological information:

- a) the OPMET Focal Points inform the MET Programme Coordinator on any deviation found in OPMET information received in their States; and
- b) the MET Programme Coordinator inform the corresponding MET department so that the necessary corrective measures are taken.

3. Action required

3.1 The Meeting is invited to:

- a) note the information presented in this document;
- b) review and update, as necessary, Appendices A and B; and
- c) consider the approval of draft conclusion presented in paragraph 2.5; and
- d) agree other actions as necessary.

APENDICE A / APPENDIX A

PROPUESTA DE ENMIENDA

AL PLAN DE NAVEGACIÓN AÉREA CAR/SAM DE LA OACI (DOC 8733)

VOLUMEN II, FASID (SERIE NO. SAM 12/3-MET) /

PROPOSAL FOR AMENDMENT

TO ICAO CAR/SAM AIR NAVIGATION PLAN (DOC 8733)

VOLUME II, FASID (SERIAL NO. SAM 12/3-MET)

Part VI

METEOROLOGY (MET)

FASID

INTRODUCTION

1. The Standards, Recommended Practices and Procedures to be applied are as listed in paragraph 2, Part VI – MET of the CAR/SAM Basic ANP. The material in this part complements that contained in Part I – BORPC of the CAR/SAM Basic ANP and should be taken into consideration in the overall planning processes for the CAR/SAM regions.

2. This part contains a detailed description/list of the facilities and/or services to be provided to fulfil the basic requirements of the plan and are as agreed between the provider and user States concerned. Such agreement indicates a commitment on the part of the State(s) concerned to implement the requirement(s) specified. This element of the FASID, in conjunction with the CAR/SAM Basic ANP, is kept under constant review by the GREPECAS in accordance with its schedule of management, in consultation with user and provider States and with the assistance of the ICAO Regional Offices concerned.

METEOROLOGICAL SERVICE REQUIRED AT AERODROMES AND REQUIREMENTS FOR METEOROLOGICAL WATCH OFFICES

(FASID Tables MET 1A and MET 1B)

3. The meteorological service to be provided to meet the requirements of international flight operations is outlined in FASID Table MET 1A. The requirements for meteorological watch offices (MWO), together with the service to be provided to flight information regions (FIR), upper flight information regions (UIR), control areas (CTA) and search and rescue regions (SRR) are listed in FASID Table MET 1B.

EXCHANGE OF MET INFORMATION FOR OPERATIONS

(FASID Table MET 2A)

4. The requirements for availability of OPMET information METAR, SPECI and TAF on a global basis through the AFS satellite distribution system, the ISCS broadcast and the associated Internet-based distribution systems are included in FASID Table MET 2A. This table contains the aerodromes included in the CAR/SAM FASID Table AOP and those non-AOP aerodromes for which the States concerned have agreed to make available the OPMET information via the satellite distribution system on a regular basis.

TROPICAL CYCLONE AND VOLCANIC ASH ADVISORY CENTRES

(FASID Tables MET 3A, MET 3B and MET 3C and FASID Charts MET 1 and MET 2)

5. The area of responsibility, the periods of operation of the tropical cyclone advisory centre (TCAC) Miami, and the MWOs to which advisory information should be sent by the TCAC are contained in FASID Table MET 3A. The areas of responsibility of the designated TCACs in all regions are shown on FASID Chart MET 1.

6. The areas of responsibility of the volcanic ash advisory centres (VAAC), Buenos Aires, ~~and~~ Washington, ~~and~~ Wellington, ~~and~~ the MWOs and ACCs/FICs to which the advisory information should be sent by the VAACs are contained in FASID Table MET 3B. The areas of responsibility of the designated VAACs in all regions are shown on FASID Chart MET 2.

7. FASID Table MET 3C sets out the selected State volcano observatories designated for direct notification of significant pre-eruption volcanic activity, a volcanic eruption and/or volcanic ash in the atmosphere and the VACC, MWOs and ACCs to which the notification should be sent by the

observatories.

Note.- Operational procedures to be used for the dissemination of information on volcanic eruptions and associated ash clouds in areas which could affect routes used by international flights, and necessary pre-eruption arrangements as well as the list of operational contact points are provided in the document entitled Handbook on the International Airways Volcano Watch (IAVW) - Operational procedures and Contact List (Doc 9766). Additional guidance regarding the IAVW is contained in the Manual on Volcanic Ash, Radioactive Material and Toxic Chemical Clouds (Doc 9691).

WORLD AREA FORECAST SYSTEM (WAFS)

(FASID Table MET 5)

8. FASID Table MET 5 sets out the CAR/SAM Regions' requirements for WAFS forecasts to be provided by WAFC Washington.



FASID TABLE MET 1A

METEOROLOGICAL SERVICE REQUIRED AT AERODROMES

EXPLANATION OF THE TABLE

Column

1 Name of the aerodrome or location where meteorological service is required

Note: The name is extracted from the *ICAO Location Indicators (Doc 7910)* updated quarterly. If a state wishes to change the name appearing in Doc 7910 and this table, ICAO should be notified officially.

2 ICAO location indicator of the aerodrome

3 Designation of aerodrome:

- RG - international general aviation, regular use
- RS - international scheduled air transport, regular use
- RNS - international non-scheduled air transport, regular use
- AS - international scheduled air transport, alternate use
- ANS - international non-scheduled air transport, alternate use

4 Name of the meteorological office responsible for the provision of trend and aerodrome forecasts in TAF code at the aerodrome indicated in column 1

Note: A secondary meteorological office may be included if the primary meteorological office is closed part of the 24-hour period or a specific day of the week. Offices responsible under exceptional (e.g. back-up) conditions should not be listed.

5 ICAO location indicator of the responsible meteorological office

6 Requirement for trend forecasts

Y - Required

7 Requirement for aerodrome forecasts in TAF code

- C - Requirement for 9-hour validity aerodrome forecasts in TAF code (9H)
- T - Requirement for 18/24-hour validity aerodrome forecasts in TAF code (18/24H)
- X - Requirement for 30-hour validity aerodrome forecasts in TAF code (30H)

8 Availability of OPMET information (METAR/SPECI and TAF)

- F - Full : OPMET data as listed issued for the aerodrome all through the 24-hour period
- P - Partial : OPMET data as listed not issued for the aerodrome for the entire 24-hour period

MET 1A – ANP/FASID Region – CAR/SAM

Aerodrome where service is to be provided			Responsible MET Office		Forecasts to be provided		Availability of OPMET
Aerodrome name	ICAO Location Indicator	Use	Name	ICAO Location Indicator	TR	TAF	
1	2	3	4	5	6	7	8
Anguilla (United Kingdom) THE VALLEY/ WALLBLAKE, ANGUILLA+CLAYTON J. LLOYD INTL. AIRPORT	TQPF	RS	SAINT JOHNS/ V.C. BIRD INTERNATIONAL AIRPORT, -ANTIGUA+	TAPA		T	P
Antigua and Barbuda SAINT JOHNS/ V.C. BIRD INTERNATIONAL AIRPORT, -ANTIGUA+	TAPA	RS	SAINT JOHNS/ V.C. BIRD INTERNATIONAL AIRPORT, -ANTIGUA+	TAPA		T	F
Argentina BUENOS AIRES/AEROPARQUE J. NEWBERY, -CABA	SABE	RS	BUENOS AIRES/AEROPARQUE J. NEWBERY, -CABA	SABE		T	F
COMODORO RIVADAVIA/GRAL. E. MOSCÓN MOSCONI, -CHT	SAVC	RS	COMODORO RIVADAVIA/GRAL. E. MOSCÓN MOSCONI, -CHT	SAVC		T	F
CORDOBA/ING. AER. A. L. V. TARAVELLA -CBA-	SACO	RS	CORDOBA/ING. AER. A.L.V. TARAVELLA -CBA-	SACO		T	F
EZEIZA/MINISTRO PISTARINI, BA	SAEZ	RS	EZEIZA/MINISTRO PISTARINI, BA	SAEZ		T	F
IGUAZU/CATARATAS DEL IGUAZÚ -MS/MY. D.C.E. KRAUSE	SARI	RNS&AS	CATARATAS DEL IGUAZÚ/MY. D. CARLOS, E. DUARDO KRAUSE	SARI		T	F
JUJUY, J./ GOBERNADOR GUZMAN	SASJ	RS	CORDOBA/ING. AER. A.L.V. TARAVELLA -CBA-	SACO		T	F
MAR DEL PLATA, BA/ASTOR PIAZOLLA	SAZM	R GNS&AS	BUENOS AIRES/AEROPARQUE J. NEWBERY, -CABA	SABE		T	F
MENDOZA/EL PLUMERILLO, MZA	SAME	RS	MENDOZA/EL PLUMERILLO, MZA	SAME		T	F
NEUQUÉN/ PRESIDENTE PERÓN, -N	SAZN	RNS&AS	BUENOS AIRES/AEROPARQUE J. NEWBERY, -CABA	SABE		T	F
RESISTENCIA, CHO	SARE	RNS&AS	RESISTENCIA/RESISTENCIA	SARE		T	F
RÍO GALLEGOS/ PILOTO CIVIL N. FERNÁNDEZ BRIG. -GRAL. D.A. PARODI (SC)	SAWG	RS	COMODORO RIVADAVIA/GRAL. E. MOSCÓN MOSCONI, -CHT	SAVC		T	F
ROSARIO/ ISLAS MALVINAS, -SF	SAAR	RS	BUENOS AIRES/AEROPARQUE J. NEWBERY, -CABA	SABE		T	F
SALTA, S/GENERAL D. MARTÍN MIGUEL DE GÜEMES	SASA	RS	CORDOBA/ING. AER. A.L.V. TARAVELLA -CBA-	SACO		T	F
SAN CARLOS DE BARILOCHE, RN	SAZS	RNS&AS	BUENOS AIRES/AEROPARQUE J. NEWBERY, -CABA	SABE		T	F
SAN FERNANDO, BA	SADF	RG	BUENOS AIRES/AEROPARQUE J. NEWBERY, -CABA	SABE		T	F
USHUAIA/MALVINAS ARGENTINAS (FAIS)	SAWH	RNS&AS	COMODORO RIVADAVIA/GRAL. E. MOSCÓN MOSCONI, -CHT	SAVC		T	F
Aruba (Netherlands) ORANJESTAD/ REINA BEATRIX INTERNATIONAL AIRPORT	TNCA	RS	CURACAO/AEROPUERTO HATO	TNCC		T	F
Bahamas GEORGE TOWN	MYEG	RS	LYNDEN PINDLING INTERNATIONAL	MYNN		T	F
ALICE TOWN/BIMINI INTL.	MYBS	RS	NASSAU/LYNDEN PINDLING INTL. ERNATIONAL	MYNN			N
COCKBURN TOWN/SAN SALVADOR INTL. ERNATIONAL	MYSM	RS	NASSAU/LYNDEN PINDLING INTL. ERNATIONAL	MYNN		T	F
FREEPORT/GRAND BAHAMA INTL. ERNATIONAL	MYGF	RS	FREEPORT/GRAND BAHAMA INTL. ERNATIONAL	MYGF		T	F

Aerodrome where service is to be provided			Responsible MET Office		Forecasts to be provided		Availability of OPMET
Aerodrome name	ICAO Location Indicator	Use	Name	ICAO Location Indicator	TR	TAF	
1	2	3	4	5	6	7	8
GOVERNOR'S HARBOUR/ GOVERNOR'S HARBOUR INTL.	MYEM	RS	NASSAU/LYNDEN PINDLING INTL.ERNATIONAL	MYNN			N
MARSH HARBOUR/ MARSH HARBOUR INTL.	MYAM	RS	NASSAU/LYNDEN PINDLING INTL.ERNATIONAL	MYNN			N
NASSAU/LYNDEN PINDLING INTL.ERNATIONAL	MYNN	RS	NASSAU/LYNDEN PINDLING INTL.ERNATIONAL	MYNN		T	F
NORTH ELEUTHERA/ NORTH ELEUTHERA INTL.	MYEH	RS	NASSAU/LYNDEN PINDLING INTL.ERNATIONAL	MYNN			N
STELLA MARIS/ STELLA MARIS INTL.	MYLS	RS	NASSAU/LYNDEN PINDLING INTL.ERNATIONAL	MYNN			N
TREASURE CAY/ TREASURE CAY INTL.	MYAT	RS	NASSAU/LYNDEN PINDLING INTL.ERNATIONAL	MYNN			N
WEST END/WEST END INTL.	MYGW	RNS&AS	WEST END INTL.	MYGW			
Barbados BRIDGETOWN/GRANTLEY ADAMS, BARBADOSINTL.	TBPB	RS	BRIDGETOWN/GRANTLEY ADAMS, BARBADOSINTL.	TBPB	Y	T	F
Belize BELIZE/PHILIP S.W. GOLDSON INTL.ERNATIONAL	MZBZ	RS	BELIZE/PHILIP S.W. GOLDSON INTL.ERNATIONAL	MZBZ		T	F
Bolivia COCHABAMBA/ AEROPUERTO INTERNACIONAL JORGE WILSTERMANN	SLCB	AS	COCHABAMBA/ AEROPUERTO INTERNACIONAL JORGE WILSTERMANN	SLCB	Y	T	F
LA PAZ/ AEROPUERTO INTERNACIONAL EL ALTO	SLLP	RS	LA PAZ/ AEROPUERTO INTERNACIONAL EL ALTO	SLLP	Y	T	F
TARIJA/ AEROPUERTO INTERNACIONAL DE ALTERNATIVA CAP. AV. ORIEL LEA PLAZA	SLTJ	RNS&AS	COCHABAMBA/ AEROPUERTO INTERNACIONAL JORGE WILSTERMANN	SLCB		T	P
TRINIDAD	SLTR	AS	LA PAZ	SLLP	Y	T	P
VIRU VIRU/ SANTA CRUZ/AEROPUERTO INTERNACIONAL VIRU VIRU	SLVR	RS	VIRU VIRU/ SANTA CRUZ/AEROPUERTO INTERNACIONAL VIRU VIRU	SLVR	Y	T	P
Brazil BELEM/ VAL DE CANS, PA/JULIO CEZAR RIBEIRO, PA	SBBE	RS	AMAZONICA/FIR	SBAZ		T	F
BELO HORIZONTE/TANCREDO NEVES, MG	SBCF	RS	RIO DE JANEIRO/GALEAO-ANTONIO CARLOS JOBIM, RJ	SBGL		T	F
BOA VISTA/ATLAS BRASIL CANTANHEDE, RR	SBBV	RS	AMAZONICA/FIR	SBAZ		T	F
BRASILIA/PRES. JUSCELINO KUBITSCHEK, DF	SBBR	RS	BRASILIA/FIR	SBBS		T	F
CAMPINAS/VIRACOPOS, SP	SBKP	RS	SAO PAULO/GUARULHOS, GOVERNADOR ANDRE FRANCO MONTORO, SP	SBGR		T	F
CAMPO GRANDE/CAMPO GRANDE, MS	SBCG	RS	PORTO ALEGRE/SALGADO FILHO, RS	SBPA		T	F
CORUMBA/CORUMBA, MS	SBCR	RS	PORTO ALEGRE/SALGADO FILHO, RS	SBPA		T	P
CRUZEIRO DO SUL/CRUZEIRO DO SUL, AC	SBCZ	RS	AMAZONICA/FIR	SBAZ		T	P
CUIABA/MARECHAL RONDON, MT	SBCY	RS	BRASILIA/FIR	SBBS		T	F
CURITIBA/AFONSO PENA, PR	SBCT	RS	PORTO ALEGRE/SALGADO FILHO, RS	SBPA		T	F
FLORIANOPOLIS/HERCILIO LUZ, SC	SBFL	RS	RECIFE/FIR	SBPA		T	F
FORTALEZA/PINTO MARTINS, CEAL	SBFZ	RS	PORTO ALEGRE/SALGADO FILHO, RS	SBRE		T	F
FOZ DO IGUAQU/CATARATAS, PR	SBFI	RS	AMAZONICA/FIR	SBPA		T	F
MACAPA/ALBERTO ALCOLUMBRE, AP	SBMQ	RS	RECIFE/FIR	SBAZ		T	F

MET 1A – ANP/FASID Region – CAR/SAM

Aerodrome where service is to be provided			Responsible MET Office		Forecasts to be provided		Availability of OPMET
Aerodrome name	ICAO Location Indicator	Use	Name	ICAO Location Indicator	TR	TAF	
1	2	3	4	5	6	7	8
MACEIO/ZUMBI DOS PALMARES, AL	SBMO	RS	AMAZONICA/FIR	SBRE		T	F
MANAUS/EDUARDO GOMES, AM	SBEG	RS	RECIFE/FIR	SBAZ		T	F
NATAL/AUGUSTO SEVERO, RN	SBNT	AS	PORTO ALEGRE/SALGADO FILHO, RS	SBRE		T	F
PONTA PORA/PONTA PORA, MS	SBPP	RS	PORTO ALEGRE/SALGADO FILHO, RS	SBPA		T	P
PORTO ALEGRE/SALGADO FILHO, RS	SBPA	RS	RECIFE/FIR	SBPA		T	F
RECIFE/GUARARAPES - GILBERTO FREYRE, PE	SBRF	RS	RIO DE JANEIRO/GALEAO-ANTONIO CARLOS	SBRE		T	F
RIO DE JANEIRO/GALEAO-ANTONIO CARLOS JOBIM, RJ	SBGL	RS	JOBIM, RJ	SBGL		X	F
SALVADOR/DEPUTADO LUIS EDUARDO MAGALHAES, BA	SBSV	RS	RECIFE/FIR	SBRE		T	F
SANTAREM/MAESTRO WILSON FONSECA, PA	SBSN	AS	AMAZONICA/FIR	SBAZ		T	F
SAO LUIS/MARECHAL CUNHA MACHADO MA	SBSL	AS	AMAZONICA/FIR	SBAZ		T	F
SAO PAULO/GUARULHOS, GOVERNADOR ANDRE FRANCO MONTORO, SP	SBGR	RS	SAO PAULO/GUARULHOS, GOVERNADOR ANDRE FRANCO MONTORO, SP	SBGR		X	F
TABATINGA/TABATINGA, AM	SBTT	RS	AMAZONICA/FIR	SBAZ		T	P
URUGUAIANA/RUBEM BERTA, RS	SBUG	RS	PORTO ALEGRE/SALGADO FILHO, RS	SBPA		T	P
British Virgin Islands (United Kingdom) <u>ROADTOWN/TERRANCE B. LETTSOME INTL, TORTOLA</u>	TUPJ	RS	SAN JUAN/LUIS MUNOZ MARIN INTERNATIONAL, PR.	TJSJ		T	P
<u>VIRGIN GORDA I/VIRGIN GORDA INTL, B-VI</u>	TUPW	RS	SAN JUAN/LUIS MUNOZ MARIN INTERNATIONAL, PR	TJSJ			N
Cayman Islands (United Kingdom) <u>CAYMAN BRAC/GERRARD SMITH INTL, CAYMAN BRAC</u>	MWCB	RS	<u>GEORGETOWN/OWEN ROBERTS INTL, GRAND-CAYMAN</u>	MWCR		T	F
<u>GEORGETOWN/OWEN ROBERTS INTL, GRAND-CAYMAN</u>	MWCR	RS	<u>GEORGETOWN/OWEN ROBERTS INTL, GRAND-CAYMAN</u>	MWCR		T	P
Chile ANTOFAGASTA/AP <u>PD</u> CERRO MORENO	SCFA	AS	ANTOFAGASTA/AP <u>PD</u> CERRO MORENO	SCFA	Y	T	P
ARICA/AP CHACALLUTA	SCAR	RS	ARICA/AP CHACALLUTA	SCAR		T	P
CONCEPCION/AD ALTN CARRIEL SUR	SCIE	RS	CONCEPCION/AD ALTN CARRIEL SUR	SCIE		T	P
IQUIQUE/AP <u>PD</u> DIEGO ARRACENA	SCDA	RS	IQUIQUE/AP <u>PD</u> DIEGO ARRACENA	SCDA		T	P
PUERTO MONTT/AP <u>PD</u> EL TEPUAL	SCTE	RS	PUERTO MONTT/AP <u>PD</u> EL TEPUAL	SCTE	Y	T	F
PUNTA ARENAS/AP <u>PD</u> PDTE. CARLOS IBANEZ DEL CAMPO	SCCI	AS	PUNTA ARENAS/AP <u>PD</u> PDTE. CARLOS IBANEZ DEL CAMPO	SCCI	Y	T	F
SANTIAGO/AP ARTURO MERINO B- <u>ENITEZ</u>	SCEL	RS	SANTIAGO/AP ARTURO MERINO <u>BENITEZ</u>	SCEL	Y	T	F
Colombia BARRANQUILLA- <u>INTL/ERNESTO CORTISSOZ/ATLANTICO</u>	SKBQ	RS	BARRANQUILLA- <u>INTL/ERNESTO CORTISSOZ/ATLANTICO</u>	SKBQ	Y	T	F
BOGOTA- <u>INTL/ELDORADO/GUNDINAMARCADISTRITO CAPITAL</u>	SKBO	RS	BOGOTA- <u>INTL/ELDORADO/GUNDINAMARCADISTRITO CAPITAL</u>	SKBO	Y	T	F
CALI- <u>INTL/ALFONSO BONILLA ARAGÓN/VALLE</u>	SKCL	RS	CALI- <u>INTL/ALFONSO BONILLA ARAGÓN/VALLE</u>	SKCL	Y	T	F
CARTAGENA- <u>INTL/RAFAEL NUÑEZ/BOLIVAR</u>	SKCG	RS	CARTAGENA- <u>INTL/RAFAEL NUÑEZ/BOLIVAR</u>	SKCG		T	F

Aerodrome where service is to be provided			Responsible MET Office		Forecasts to be provided		Availability of OPMET
Aerodrome name	ICAO Location Indicator	Use	Name	ICAO Location Indicator	TR	TAF	
1	2	3	4	5	6	7	8
CUCUTA- INTL/CAMILO DAZA/NORTE DE S-ANTANDER	SKCC	RNS&AS	CUCUTA- INTL/CAMILO DAZA/NORTE DE S-ANTANDER	SKCC		T	P
LETICIA- INTL/ALFREDO VÁSQUEZ COBO/AMAZONAS	SKLT	RNS&AS	BOGOTA- INTL/ELDORADO/CUNDINAMARCA/DIST RITO CAPITAL	SKBO	Y	T	P
RIONEGRO- INTL/JOSÉ MARÍA CÓRDOBA/ANTIOQUIA	SKRG	RS	RIONEGRO- INTL/JOSÉ MARÍA CÓRDOBA/ANTIOQUIA	SKRG		T	F
SAN ANDRES- INTL/GUSTAVO ROJAS PINILLA/SAN ANDRES	SKSP	RS	SAN ANDRES- INTL/GUSTAVO ROJAS PINILLA/SAN ANDRES	SKSP		T	P
Costa Rica							
ALAJUELA/JUAN SANTAMARIA INTL.	MROC	RS	ALAJUELA/JUAN SANTAMARIA INTL.	MROC	Y	T	F
LIBERIA/DANIEL ODUBER QUIROS INTL-INTL	MRLB	RNS&AS	ALAJUELA/JUAN SANTAMARIA INTL.	MROC		T	P
LIMÓN/ LIMON INTL.	MRLM	RG	ALAJUELA/JUAN SANTAMARIA INTL.	MROC		T	P
PAVAS/TOBIAS BOLANOS INTL.	MRPV	RG	ALAJUELA/JUAN SANTAMARIA INTL	MROC		T	P
Cuba							
CAMAGUEY/IGNACIO AGRAMONTE- INTL	MUCM	RS	HABANA/JOSE MARTI- INTL	MUHA	Y	T	F
CAYO LARGO DEL SUR/VILO ACUNA- INTL	MUCL	RS	HABANA/JOSE MARTI- INTL	MUHA		T	P
CIEGO DE AVILA/MAXIMO GOMEZ	MUCA	RS	HABANA/JOSE MARTI INTL	MUHA		T	P
HABANA/JOSE MARTI- INTL	MUHA	RS	HABANA/JOSE MARTI- INTL	MUHA		T	F
HOLGUIN/FRANK PAIS INTL- CIV/MIL	MUHG	RS	HABANA/JOSE MARTI- INTL	MUHA		T	F
SANTIAGO DE CUBA/ANTONIO MACEO INTL	MUCU	RS	HABANA/JOSE MARTI- INTL	MUHA		T	F
VARADERO/JUAN GUALBERTO- GOMEZ- INTL	MUVR	RS	HABANA/JOSE MARTI- INTL	MUHA		T	F
CAYO COCO/JARDINES DEL REY	MUCC	RS					
Curacao							
WILLEMSTAD/HATO CURACAO INTL	TNCC	RS					
Dominica							
MARIGOT/MELVILLE HALL INTL- DOMINICA	TDPD	RS	BRIDGETOWN/GRANTLEY ADAMS, BARBADOS INTL	TBPB	Y	T	F
ROSEAU/ CANEFIELD INTL- DOMINICA	TDPR	RS	BRIDGETOWN/GRANTLEY ADAMS, BARBADOS INTL	TBPB			N
Dominican Republic							
BARAHONA/ APTO. INTERNACIONAL INTL- MARIA MONTE SZ	MDBH	RS	SANTO DOMINGO/ DE LAS AMERICAS INTL- JOSE FRANCISCO PENA GOMEZ	MDSB		T	F
LA ROMANA/ LA ROMANA INTL CASA DE CAMPO	MDLR	RS	SANTO DOMINGO/ DE LAS AMERICAS INTL- JOSE FRANCISCO PENA GOMEZ	MDSB		T	F
PUERTO PLATA/ INTL -GREGORIO LUPERON INTL	MDPP	RS	SANTO DOMINGO/ DE LAS AMERICAS INTL- JOSE FRANCISCO PENA GOMEZ	MDSB		T	F
PUNTA CANA /PUNTA CANA INTL	MDPC	RS	SANTO DOMINGO/ DE LAS AMERICAS INTL- JOSE FRANCISCO PENA GOMEZ	MDSB		T	F
SANTIAGO/ INTL -CIBAO INTL	MDST	RS	SANTO DOMINGO/ DE LAS AMERICAS INTL- JOSE	MDSB		T	F

MET 1A – ANP/FASID Region – CAR/SAM

Aerodrome where service is to be provided			Responsible MET Office		Forecasts to be provided		Availability of OPMET
Aerodrome name	ICAO Location Indicator	Use	Name	ICAO Location Indicator	TR	TAF	
1	2	3	4	5	6	7	8
SANTO DOMINGO/ DE LAS AMERICAS INTL-JOSE FRANCISCO PENA GOMEZ <u>SAMANA/EL CATEY INTL</u> <u>HIGUERO/DR. JOAQUIN BALAGUER INTL</u>	MDSO <u>MDCY</u> <u>MDJB</u>	RS <u>RS</u> <u>RS</u>	FRANCISCO PENA GOMEZ SANTO DOMINGO/ DE LAS AMERICAS INTL-JOSE FRANCISCO PENA GOMEZ	MDSO	Y	T	F
Ecuador GUAYAQUIL/ <u>JOSE JOAQUIN OLMEDO</u> LATACUNGA/ <u>COTOPAXI</u> MANTA/ <u>ELOY ALFARO</u> QUITO/ <u>MARISCAL SUCRE</u>	SEGU SELT SEMT SEQU	RS RNS&AS RS RS	GUAYAQUIL/ <u>JOSE JOAQUIN OLMEDO</u> QUITO/ <u>MARISCAL SUCRE</u> QUITO/ <u>MARISCAL SUCRE</u>	SEGU SEQU SEQU SEQU	Y	T T T T	F P F F
El Salvador SAN SALVADOR/AEROPUERTO INTERNACIONAL DE ILOPANGO INTL SAN SALVADOR/AEROPUERTO INTERNACIONAL EL SALVADOR INTL	MSSS MSLP	RG RS	SAN SALVADOR/AEROPUERTO INTERNACIONAL EL SALVADOR INTL SAN SALVADOR/AEROPUERTO INTERNACIONAL EL SALVADOR INTL	MSLP MSLP		T T	P F
French Antilles (France) FORT-DE-FRANCE/MARTINIQUE AIME CESAIRE, MARTINIQUE POINTE-A-PITRE/ LE RAIZET, GUADELOUPE SAINT BARTHELEMY/ SAINT BARTHELEMY, FRENCH ANTILLES SAINT MARTIN/ GRAND CASE, GUADELOUPE	TFFF TFFR TFFJ TFFG	RS RS RS RS	FORT-DE-FRANCE/MARTINIQUE AIME CESAIRE, MARTINIQUE POINTE-A-PITRE, LE RAIZET, GUADELOUPE POINTE-A-PITRE, LE RAIZET, GUADELOUPE POINTE-A-PITRE, LE RAIZET, GUADELOUPE	TFFF TFFR TFFR TFFR	Y Y	T T T T	F F N N
French Guiana (France) CAYENNE-ROCHAMBEAU	SOCA	RS	CAYENNE-ROCHAMBEAU	SOCA	Y	T	F
Grenada LAURISTON, CARRIACOU/ GRENADA GRENADINES SAINT GEORGES/MAURICE BISHOP INTL, GRENADA	TGPZ TGPY	RS RS	SAINT GEORGES/MAURICE BISHOP INTL, GRENADA SAINT GEORGES/MAURICE BISHOP INTL, GRENADA	TGPY TGPY		T	N F
Guatemala <u>GUATEMALA/LA AURORA</u> PUERTO BARRIOS/ <u>PUERTO BARRIOS</u> PUERTO DE SAN JOSE/ <u>SAN JOSE</u> <u>SANTA HELENA/MUNDO MAYA INTL</u>	MGGT MGPB MGSJ <u>MGMM</u>	RS RG&AS RG&AS <u>RG&AS</u>	<u>GUATEMALA/LA AURORA</u> <u>GUATEMALA/LA AURORA</u> <u>GUATEMALA/LA AURORA</u>	MGGT MGGT MGGT	Y	T T T	F F F
Guyana <u>GEORGETOWN/CHEDDI JAGAN INTL AIRPORT</u> <u>GEORGETOWN/OGLE MUNICIPAL AIRPORT</u>	SYCJ <u>SYGO</u>	RS <u>RS</u>	<u>GEORGETOWN/CHEDDI JAGAN INTL AIRPORT</u>	SYCJ	Y <u>Y</u>	T <u>I</u>	F <u>P</u>

MET 1A – ANP/FASID Region – CAR/SAM

Aerodrome where service is to be provided			Responsible MET Office		Forecasts to be provided		Availability of OPMET
Aerodrome name	ICAO Location Indicator	Use	Name	ICAO Location Indicator	TR	TAF	
1	2	3	4	5	6	7	8
LEON/ <u>AEROPUERTO INTERNACIONAL DE GUANAJUATO</u>	MMLO	RS	MEXICO	MMM		T	P
LORETO/ <u>LORETO INTL</u>	MMLT	RS	MEXICO	MMM		T	P
<u>LOS MOCHIS/DEL VALLE DEL FUERTE</u>	<u>MMLM</u>	<u>RS</u>					
MANZANILLO/ <u>PLAYA DE ORO INTL</u>	MMZO	RS	MEXICO	MMM		T	P
MATAMOROS/ <u>MATAMOROS INTL</u>	MMMA	RG&AS	MEXICO	MMM		T	P
MAZATLAN/ <u>GRAL. RAFAEL BUELNA INTL</u>	MMMZ	RS	MEXICO	MMM		T	F
MERIDA/ <u>LIC. MANUEL CRESCENCIO REJÓN INTL</u>	MMMD	RS	MEXICO	MMM		T	F
MEXICALI/ <u>GRAL. RODOLFO SÁNCHEZ TABOADA INTL</u>	MMML	RG	MEXICO	MMM		T	P
MEXICO/ <u>AEROPUERTO INTERNACIONAL BENITO JUÁREZ, CIUDAD DE MÉXICO</u>	MMM	RS	MEXICO	MMM	Y	T	F
<u>MINATITLAN/MINATITLAN</u>	<u>MMMT</u>	<u>RS</u>					
<u>MONCLOVA/VENUSTIANO CARRANZA</u>	<u>MMMV</u>	<u>RS</u>					
<u>MONTERREY/DEL NORTE INTL</u>	<u>MMAN</u>	<u>RG&AS</u>	<u>MEXICO</u>	<u>MMM</u>		<u>I</u>	<u>P</u>
MONTERREY/ <u>GRAL. MARIANO ESCOBEDO INTL</u>	MMMY	RS	MEXICO	MMM		T	F
MORELIA/ <u>GRAL. FRANCISCO J. MUJICA INTL</u>	MMMM	RS	MEXICO	MMM		T	P
NOGALES/ <u>NOGALES INTL</u>	MMNG	RG	MEXICO	MMM			N
NUEVO LAREDO/ <u>QUETZALCOATL INTL</u>	MMNL	RG	MEXICO	MMM		T	P
<u>OAXACA/XOXOCOTLÁN</u>	<u>MMOX</u>	<u>RS</u>					
<u>PALENQUE/PALENQUE</u>	<u>MMPO</u>	<u>RS</u>					
PIEDRAS NEGRAS/ <u>PIEDRAS NEGRAS INTL</u>	MMPG	RG	MEXICO	MMM		T	P
<u>PUEBLA/HERMANOS SERDÁN</u>	<u>MMPB</u>	<u>RS</u>					
<u>PUERTO ESCONDIDO/PUERTO ESCONDIDO</u>	<u>MMPS</u>	<u>AS</u>					
<u>PUERTO PEÑASCO/AEROPUERTO DEL MAR DE CORTÉS</u>	<u>MMPE</u>	<u>RS</u>					
PUERTO VALLARTA/ <u>LIC. GUSTAVO DIAZ ORDAZ INTL</u>	MMPR	RS	MEXICO	MMM		T	F
<u>QUERETARO/INTERCONTINENTAL DE QUERÉTARO</u>	<u>MMQT</u>	<u>RS</u>					
REYNOSA/ <u>GRAL. LUCIO BLANCO INTL</u>	MMRX	RG	MEXICO	MMM		T	P
<u>SALTILLO/PLAN DE GUADALUPE</u>	<u>MMIO</u>	<u>RS</u>					
SAN FELIPE/ <u>SAN FELIPE INTL</u>	MMSF	RG	MEXICO	MMM			N
<u>SAN LUIS POTOSI/PONCIANO ARRIAGA</u>	<u>MMSP</u>	<u>RS</u>					
SAN JOSE DEL CABO/ <u>AEROPUERTO INTL LOS CABOS</u>	MMSD	RS	MEXICO	MMM		T	P
TAMPICO/ <u>GRAL. FRANCISO JAVIER MINA INTL</u>	MMTM	RS	MEXICO	MMM		T	P
TAPACHULA/ <u>TAPACHULA INTL</u>	MMTP	RNS	MEXICO	MMM		T	P
<u>TEPIC/TEPIC INTL</u>	<u>MMEP</u>						
TIJUANA/ <u>GRAL. ABELARDO L. RODRIGUEZ INTL</u>	MMTJ	RS	MEXICO	MMM		T	F
TOLUCA/ <u>JOSÉ MARÍA MORELOS Y PAVÓN</u>	MMTO	RNS	MEXICO	MMM		T	F
TORREON / <u>FRANCISCO SARABIA</u>	MMTC	RS	MEXICO	MMM		T	P
<u>TUXTLA GUTIERREZ/ANGEL ALBINO CORZO</u>	<u>MMTG</u>	<u>RS</u>					
<u>URUAPAN/GENERAL IGNACIO LÓPEZ RAYÓN</u>	<u>MMPN</u>						
VERACRUZ/ <u>GRAL. HERIBERTO JARA INTL</u>	MMVR	RS	MEXICO	MMM		T	F
VILLAHERMOSA/ <u>C.P.A. CARLOS ROVIROSA INTL</u>	MMVA	RS	MEXICO	MMM		T	P
ZACATECAS/ <u>GRAL. LEOBARDO C. RUIZ INTL</u>	MMZC	RS	MEXICO	MMM		T	F

Aerodrome where service is to be provided			Responsible MET Office		Forecasts to be provided		Availability of OPMET
Aerodrome name	ICAO Location Indicator	Use	Name	ICAO Location Indicator	TR	TAF	
1	2	3	4	5	6	7	8
Montserrat (United Kingdom) GERALD'S/JOHN A. OSBORNE INTERNATIONAL AIRPORT	TRPG	RS	GERALD'S/JOHN A. OSBORNE INTERNATIONAL AIRPORT	TRPG		T	P
Netherlands Antilles (Netherlands) KRALENDUK/FLAMINGO, BONAIRE I, FLAMINGO CURACAO/AEROPUERTO HATO ORANJESTAD/ST. EUSTATIUS/F. D. ROOSEVELT, SAINT EUSTATIUS I ST. MAARTEN/PRINCESS JULIANA	TNCB TNCC TNCE TNCM	RS RS RS RS	CURACAO/AEROPUERTO HATO CURACAO/AEROPUERTO HATO CURACAO/AEROPUERTO HATO SAN JUAN/LUIS MUÑOZ MARIN INTERNATIONAL, PR.	TNCC TNCC TNCC TJSJ		T F T F	P F P F
Nicaragua MANAGUA/AUGUSTO CESAR SANDINO INTL MANAGUA PUERTO CABEZAS/RAAN	MNMG MNPC	RS AS	MANAGUA/AUGUSTO CESAR SANDINO INTL MANAGUA MANAGUA/RAAN	MNMG MNMG	Y 	T F	F P
Panama BOCAS DEL TORO/BOCAS DEL TORO CHANGUINOLA/CAP. MANUEL NIÑO DAVID/ENRIQUE MALEK PANAMA/MARCOS A. GELABERT PANAMA/TOCUMEN INTL	MPBO MPCH MPDA MPMG MPTO	RG&AS RG&AS RS RNS&AS RS	PANAMA/TOCUMEN INTL PANAMA/TOCUMEN INTL PANAMA/TOCUMEN INTL PANAMA/TOCUMEN INTL PANAMA/TOCUMEN INTL	MPTO MPTO MPTO MPTO MPTO		T T T T	P P P P F
Paraguay LUQUE/ASUNCION/SILVIOS. PETTIROSSI INTL MINGA GAZÚ/CIUDAD DEL ESTE/GUARANI INTL	SGAS SGES	RS RS	LUQUE/SILVIO PETTIROSSI INTL ASUNCION/S. PETTIROSSI LUQUE/SILVIO PETTIROSSI INTL ASUNCION/S. PETTIROSSI	SGAS SGAS		T T	F F
Peru AREQUIPA/INTL. ALFREDO RODRIGUEZ BALLON CHICLAYO/INTL. CAPITAN JOSE ABELARDO QUINONES GONZALES, GRAN GENERAL DEL AIRE DEL PERU CUSCO/INTL. TENIENTE FAP ALEJANDRO VELAZCO ASTETE IQUITOS/INTL. CORONEL FAP FRANCISCO SECADA VIGNETTA LIMA-CALLAO/INTL. JORGE CHAVEZ PISCO/INTL. PISCO TACNA/INTL. CORONEL FAP CARLOS CIRIANI SANTA ROSA TRUJILLO/INTL. CAPITAN CARLOS MARTINEZ DE	SPOU SPHI SPZO SPQT SPIM SPSO SPTN SPRU	AS AS RS RS RS AS RG AS	AREQUIPA/INTL. ALFREDO RODRIGUEZ BALLON LIMA-CALLAO/INTL. JORGE CHAVEZ CUSCO/INTL. TENIENTE FAP ALEJANDRO VELAZCO ASTETE IQUITOS/INTL. CORONEL FAP FRANCISCO SECADA VIGNETTA LIMA-CALLAO/INTL. JORGE CHAVEZ LIMA-CALLAO/INTL. JORGE CHAVEZ LIMA-CALLAO/INTL. JORGE CHAVEZ LIMA-CALLAO/INTL. JORGE CHAVEZ	SPOU SPIM SPZO SPQT SPIM SPIM SPIM SPIM	Y Y Y Y	T T T T T T T	F F F F F F F F

MET 1A – ANP/FASID Region – CAR/SAM

Aerodrome where service is to be provided			Responsible MET Office		Forecasts to be provided		Availability of OPMET
Aerodrome name	ICAO Location Indicator	Use	Name	ICAO Location Indicator	TR	TAF	
1	2	3	4	5	6	7	8
PINILLOS							
Puerto Rico (<u>United States</u>) AGUADILLA/RAFPH AEL HERNANDEZ <u>INTL, PR.</u>	TJBO	RS	WASHINGTON (NWS NATIONAL MET CENTER), DC.	KWBC		T	P
FAJARDO/DIEGO JIMENEZ TORRES <u>PR.</u>	TJFA	RS	WASHINGTON (NWS NATIONAL MET CENTER), DC.	KWBC			N
PONCE/ <u>PONCE-MERCEDITA, PR.</u>	TJPS	AS	WASHINGTON (NWS NATIONAL MET CENTER), DC.	KWBC		T	F
SAN JUAN/LUIS MUNOZ MARIN INTL <u>ERNATIONAL, PR.</u>	TJSJ	RS	WASHINGTON (NWS NATIONAL MET CENTER), DC.	KWBC		T	F
VIEQUES/ <u>ANTONIO RIVERA-ISLA DE VIEQUES, PR.</u>	TJVQ	RS	WASHINGTON (NWS NATIONAL MET CENTER), DC.	KWBC		T	N
Saint Kitts and Nevis <u>BASSETERRE/ROBERT L. BRADSHAW, ST. CHRISTOPHER (ST. SAINT KITTS I.) AND NEVIS</u> <u>CHARLESTOWN/NEW CASTLE, NEVIS I. VANCE-WINKWORTH AMORY, ST. CHRISTOPHER (ST. KITTS) AND NEVIS</u>	TKPK TKPN	RS RS	WASHINGTON (NWS NATIONAL MET CENTER), DC. SAINT JOHNS/ V.C. BIRD <u>INTERNATIONAL AIRPORT, ANTIGUA I.</u>	KWBC TAPA		T T	P P
Saint Lucia <u>CASTRIES/GEORGE F. L. CHARLES, SAINT LUCIA</u> <u>VIEUX-FORT/HEWANORRA INTL SAINT LUCIA</u>	TLPC TLPL	RS RS	<u>VIEUX-FORT/HEWANORRA INTL SAINT LUCIA</u> <u>VIEUX-FORT/HEWANORRA INTL SAINT LUCIA</u>	TLPL TLPL		T T	P F
Saint Maarten <u>PHILIPSBURGH/PRINCESS JULIANA, ST. MAARTEN I.</u>	<u>TNCM</u>	<u>RS</u>					
Saint Vincent and the Grenadines <u>CANOUAN/CANOUAN, ST. VINCENT AND THE GRENADINES</u> <u>KINGSTOWN/E.T. JOSHUA, ST. VINCENT AND THE GRENADINES</u> <u>BEQUIA/J.F. MITCHELL, BEQUIA ST. VINCENT AND THE GRENADINES</u> <u>MUSTIQUE/MUSTIQUE, ST. VINCENT AND THE GRENADINES</u> <u>UNION ISLAND/UNION ISLAND, ST. VINCENT AND THE GRENADINES</u>	TVSC TVSV TVSB TVSM TVSU	RS RS RS RNS RS	<u>BRIDGETOWN/GRANTLEY ADAMS, BARBADOS, INTL.</u>	TBPB		T	N P N N N
Suriname <u>ZANDERY/JOHAN ADOLF PENGEL INTL</u> <u>NICHERIE/MAJ. FERNANDES</u> <u>PARAMARIBO/ZORG EN HOOP</u>	SMJP SMNI SMZO	RS AS RG	<u>ZANDERY/JOHAN ADOLF PENGEL INTL</u> <u>JOHAN AODLF PENGEL</u> <u>ZANDERY/JOHAN ADOLF PENGEL INTL</u>	SMJP SMJP SMJP		T T	P P P

Aerodrome where service is to be provided			Responsible MET Office		Forecasts to be provided		Availability of OPMET
Aerodrome name	ICAO Location Indicator	Use	Name	ICAO Location Indicator	TR	TAF	
1	2	3	4	5	6	7	8
Trinidad and Tobago SCARBOROUGH/CROWN POINT, TOBAGO INTL. PORT OF SPAIN/PIARCO INTL., TRINIDAD INTL.	TTCP	RS	PORT OF SPAIN/PIARCO INTL., TRINIDAD INTL.	TTPP		T	F
	TTPP	RS	PORT OF SPAIN/PIARCO INTL., TRINIDAD INTL.	TTPP		T	F
Turks and Caicos Islands (United Kingdom) GRAND TURK/JAGS MACCARTNEY INTL. AIRPORT/INTERNATIONAL AIRPORT GRAND TURK PROVIDENCIALES/PROVIDENCIALES INTERNATIONAL SOUTH CAICOS/SOUTH CAICOS INTERNATIONAL	MBGT	RS	LYNDEN PINDLING INTERNATIONAL	MYNN		T	P
	MBPV	RS	LYNDEN PINDLING INTERNATIONAL	MYNN		T	P
	MBSC	RS	LYNDEN PINDLING INTERNATIONAL	MYNN		T	P
Uruguay COLONIA/INTL DE COLONIA "LAGUNA DE LOS PATOS" MALDONADO/INTL C/C CARLOS A. CURBELO "LAGUNA DEL SAUCE" MONTEVIDEO/INTL AD ANGEL S. ADAMI MONTEVIDEO/INTL DE CARRASCO "GRAL. CESAREO L. BERISSO" RIVERA/INTL PRESIDENTE GRAL. FERNAL (PILOTO AVIADOR MILITAR) DON OSCAR D. GESTIDO SALTO/INTL NUEVA HESPERIDES	SUCA	RG	MONTEVIDEO/INTL DE CARRASCO "GRAL. CESAREO L. BERISSO"	SUMU		T	F
	SULS	RS	MONTEVIDEO/INTL DE CARRASCO "GRAL. CESAREO L. BERISSO"	SUMU		T	P
	SUAA	RG	MONTEVIDEO/INTL DE CARRASCO "GRAL. CESAREO L. BERISSO"	SUMU		T	P
	SUMU	RS	MONTEVIDEO/INTL DE CARRASCO "GRAL. CESAREO L. BERISSO"	SUMU	Y	T	F
	SURV	RS	MONTEVIDEO/INTL DE CARRASCO "GRAL. CESAREO L. BERISSO"	SUMU		T	P
	SUSO	RG	MONTEVIDEO/INTL DE CARRASCO "GRAL. CESAREO L. BERISSO"	SUMU		T	P
Venezuela BARCELONA/ GRAL. JOSÉ ANTONIO , ANZOATEGUI INTL CARACAS/SIMON BOLIVAR INTL MAIQUETIA, INTERNACIONAL SIMON BOLIVAR, MAIQUETIA, VARGAS MARACAIBO/ LA CHINITA INTL , ZULIA MARGARITA/ INTL DEL CARIBE GRAL. SNATIAGO MARINO , NUEVA ESPARTA PARAGUANA/ JOSEFA CAMEJO INTL , FALCON SAN ANTONIO DEL TACHIRA/ SAN ANTONIO DEL TACHIRA INTL	SVBC	RNS	CARACAS/SIMON BOLIVAR INTL MAIQUETIA, INTERNACIONAL SIMON BOLIVAR, MAIQUETIA, VARGAS	SVMI		T	F
	SVMI	RS	CARACAS/SIMON BOLIVAR INTL MAIQUETIA, INTERNACIONAL SIMON BOLIVAR, MAIQUETIA, VARGAS	SVMI	Y	T	F
	SVMC	RS	CARACAS/SIMON BOLIVAR INTL MAIQUETIA, INTERNACIONAL SIMON BOLIVAR, MAIQUETIA, VARGAS	SVMI		T	F
	SVMG	RS	CARACAS/SIMON BOLIVAR INTL MAIQUETIA, INTERNACIONAL SIMON BOLIVAR, MAIQUETIA, VARGAS	SVMI		T	F
	SVJC	RS	CARACAS/SIMON BOLIVAR INTL MAIQUETIA, INTERNACIONAL SIMON BOLIVAR, MAIQUETIA, VARGAS	SVMI		T	P
	SVSA	RS	CARACAS/SIMON BOLIVAR INTL MAIQUETIA, INTERNACIONAL SIMON BOLIVAR, MAIQUETIA, VARGAS	SVMI		T	P

MET 1A – ANP/FASID Region – CAR/SAM

Aerodrome where service is to be provided			Responsible MET Office		Forecasts to be provided		Availability of OPMET
Aerodrome name	ICAO Location Indicator	Use	Name	ICAO Location Indicator	TR	TAF	
1	2	3	4	5	6	7	8
VALENCIA/ ZIM VALENCIA INTL , CARABOBO	SVVA	RS	VALENCIA, CARABOBO	SVVA		T	P
Virgin Islands (United States) CHARLOTTE AMALIE ST. SAINT THOMAS/CYRIL E. KINGVI.	TIST	RS	WASHINGTON (NWS NATIONAL MET CENTER), DC.	KWBC		T	F
CHRISTIANSTED /HENRY E. ROHLSSEN, ST. CROIX	TISX	RS	WASHINGTON (NWS NATIONAL MET CENTER), DC.	KWBC		T	F



International Civil Aviation Organization

FASID TABLE MET 2A

OPMET INFORMATION (METAR, SPECI AND TAF) REQUIRED IN ISCS AND SADIS

EXPLANATION OF THE TABLE

Column

1 Aerodromes in the AOP Tables of the Air Navigation Plans

Note: The name is extracted from the *ICAO Location Indicators (Doc 7910)* updated quarterly. If a state wishes to change the name appearing in Doc 7910 and this table, ICAO should be notified officially.

2 Aerodromes not listed in the AOP Tables of the Air Navigation Plans

Note: The name is extracted from the *ICAO Location Indicators (Doc 7910)* updated quarterly. If a state wishes to change the name appearing in Doc 7910 and this table, ICAO should be notified officially.

3 Location indicator

4 Availability of METAR/SPECI

5 Requirement for aerodrome forecasts in TAF code

C - Requirement for 9-hour validity aerodrome forecasts in TAF code (9H)

T - Requirement for 18/24-hour validity aerodrome forecasts in TAF code (18/24H)

X - Requirement for 30-hour validity aerodrome forecasts in TAF code (30H)

6 Availability of OPMET information

F - Full : OPMET data as listed issued for the aerodrome all through the 24-hour period

P - Partial : OPMET data as listed not issued for the aerodrome for the entire 24-hour period

N - None : No OPMET data issued for the time being

Aerodrome where service is to be provided			OPMET to be provided		
Listed in AOP Tables	Not Listed in AOP Tables	ICAO Location Indicator	SASP	TAF	Availability
1	2	3	4	5	6
MARSH HARBOUR/ <u>MARSH HARBOUR INTL.</u> NORTH ELEUTHERA/ <u>NORTH ELEUTHERA INTL.</u> <u>COCKBURN TOWN/SAN SALVADOR INTL.ERNATIONAL</u> <u>ALICE TOWN/SOUTH-BIMINI INTL.</u> STELLA MARIS/ <u>STELLA MARIS INTL.</u> TREASURE CAY/ <u>TREASURE CAY INTL.</u> <u>WEST END/WEST END INTL.</u>		MYAM MYEH MYSM MYBS MYLS MYAT <u>MYGW</u>	Y	T	N N F N N N
Barbados <u>BRIDGETOWN/GRANTLEY ADAMS, BARBADOSINTL.</u>		TBPB	Y	T	F
Belize <u>BELIZE/PHILIP S.W. GOLDSON INTL.ERNATIONAL</u>		MZBZ		T	F
Bolivia <u>COCHABAMBA/AEROPUERTO INTERNACIONAL JORGE WILSTERMANN</u> <u>LA PAZ/AEROPUERTO INTERNACIONAL EL ALTO</u> <u>TARIJA/AEROPUERTO INTERNACIONAL DE ALTERNATIVA CAP. AV. ORIEL LEA PLAZA</u> <u>TRINIDAD</u> <u>VIRU-VIRU/SANTA CRUZ/AEROPUERTO INTERNACIONAL VIRU VIRU</u>	<i>COBLJA</i> <i>EL TROMPILLO</i> <i>POTOSI</i> <i>PUERTO SUAREZ</i> <i>SAN IGNACIO DE VELASCO</i> <i>SANTA ANA DEL YACUMA</i> <i>SUCRE</i> <i>VILLAMONTES</i> <i>YACUIBA</i>	SLCO SLCB SLET SLLP SLPO SLPS SLSI SLSA SLSU SLTJ SLTR SLVM SLVR SLYA	Y Y Y Y Y Y Y Y Y Y Y Y Y Y	T T T T T T T T T T T T T T	P F F F P P P P P P P F P P
Brazil BELEM/VAL DE CANS/JULIO CEZAR RIBEIRO, PA BELO HORIZONTE/TANCREDO NEVES, MG BOA VISTA/ATLAS BRASIL CANTANHEDE, RR BRASILIA/PRES. JUSCELINO KUBITSCHEK, DF CAMPINAS/VIRACOPOS, SP CAMPO GRANDE/CAMPO GRANDE, MS CORUMBA/CORUMBA, MS CRUZEIRO DO SUL/CRUZEIRO DO SUL, AC		SBBE SBCF SBBV SBBR SBKP SBCG SBCR SBCZ	Y Y Y Y Y Y Y Y	T T T T T T T T	F F F F F F P P

Aerodrome where service is to be provided			OPMET to be provided		
Listed in AOP Tables	Not Listed in AOP Tables	ICAO Location Indicator	SASP	TAF	Availability
1	2	3	4	5	6
CUIABA/MARECHAL RONDON, MT		SBCY	Y	T	F
CURITIBA/AFONSO PENA, PR		SBCT	Y	T	F
FLORIANOPOLIS/HERCILIO LUZ, SC		SBFL	Y	T	F
FORTALEZA/PINTO MARTINS, CEAL		SBFZ	Y	T	F
FOZ DO IGUAÇU/CATARATAS, PR		SBFI	Y	T	F
MACAPA/ALBERTO ALCOLUMBRE, AP		SBMQ	Y	T	F
MACEIO/ZUMBI DOS PALMARES, AL		SBMO	Y	T	F
MANAUS/EDUARDO GOMES, AM		SBEG	Y	T	F
NATAL/AUGUSTO SEVERO, RN		SBNT	Y	T	F
PONTA PORA/PONTA PORA, MS		SBPP	Y	T	P
PORTO ALEGRE/SALGADO FILHO, RS		SBPA	Y	T	F
RECIFE/GUARARAPES - GILBERTO FREYRE, PE		SBRF	Y	T	F
RIO DE JANEIRO/GALEAO-ANTONIO CARLOS JOBIM, RJ		SBGL	Y	X	F
SALVADOR/DEPUTADO LUIS EDUARDO MAGALHAES, BA		SBSV	Y	T	F
SANTAREM/MAESTRO WILSON FONSECA, PA		SBSN	Y	T	F
SAO LUIS/MARECHAL CUNHA MACHADO MA		SBSL	Y	T	F
SAO PAULO/GUARULHOS, GOVERNADOR ANDRE FRANCO		SBGR	Y	X	F
MONTORO, SP					
TABATINGA/TABATINGA, AM		SBTT	Y	T	P
URUGUAIANA/RUBEM BERTA, RS		SBUG	Y	T	P
British Virgin Islands (United Kingdom) ROADTOWN/TERRANCE B. LETTSOME INTL, TORTOLA		TUPJ	Y	T	P
VIRGIN GORDA, VIRGIN GORDA INTL, B-VI		TUPW			N
Cayman Islands (United Kingdom) CAYMAN BRAC/GERRARD SMITH INTL, CAYMAN BRAC		MWCB	Y	T	F
GEORGETOWN/OWEN ROBERTS INTL, GRAND CAYMAN		MWCR	Y	T	P
Chile ANTOFAGASTA/APD CERRO MORENO		SCFA	Y	T	P
ARICA/AP CHACALLUTA		SCAR	Y	T	P
	BALMACEDA/AD BALMACEDA	SCBA	Y	T	F
	CALAMA/AD EL LOA	SCCF	Y	T	P
	CALDERA/AD DESIERTO DE ATACAMA	SCAT	Y	T	F
CONCEPCION/AD ALTN CARRIEL SUR		SCIE	Y	T	F
IQUIQUE/APD DIEGO ARRACENA		SCDA	Y	T	P
PUERTO MONTT/APD EL TEPUAL		SCTE	Y	T	P
PUNTA ARENAS/APD PDTE. CARLOS IBANEZ DEL CAMPO		SCCI	Y	T	P
SANTIAGO/AP ARTURO MERINO BENITEZ		SCEL	Y	T	F

Aerodrome where service is to be provided			OPMET to be provided		
Listed in AOP Tables	Not Listed in AOP Tables	ICAO Location Indicator	SASP	TAF	Availability
1	2	3	4	5	6
	TEMUCO/AD MAQUEHUE	SCTC	Y	T	F
Colombia BARRANQUILLA INTL/ERNESTO CORTISSOZ/ATLANTICO BOGOTA INTL/ELDORADO/CUNDINAMARCA/DISTRITO CAPITAL CALI INTL/ALFONSO BONILLA ARAGÓN/VALLE CARTAGENA INTL/RAFAEL NUÑEZ/BOLIVAR CUCUTA INTL/CAMILO DAZA/NORTE DE S.ANTANDER LETICIA INTL/ALFREDO VÁSQUEZ COBO/AMAZONAS RIONEGRO INTL/JOSÉ MARIA CÓRDOBA/ANTIOQUIA SAN ANDRES INTL/GUSTAVO ROJAS PINILLA/SAN ANDRES	BUCARAMANGA INTL/SANTANDER MEDELLIN/ANTIOQUIA PEREIRA/RISARALDA SANTA MARTA/MAGDALENA	SKBO SKBO SKBG SKCL SKCG SKCC SKLT SKMD SKPE SKRG SKSP SKSM	Y Y Y Y Y Y Y Y Y Y Y Y	T T T T T T T T T T T	F F F F F P P F F F P F
Costa Rica ALAJUELA/JUAN SANTAMARIA INTL. LIBERIA/DANIEL ODUBER QUIROS INTL- LIMÓN/LIMON INTL. PAVAS/TOBIAS BOLANOS INTL.		MROC MRLB MRLM MRPV	Y Y Y Y	T T T T	F P P P
Cuba CAMAGUEY/IGNACIO AGRAMONTE INTL CAYO COCO/JARDINES DEL REY CAYO LARGO DEL SUR/MILO ACUNA INTL- CIEGO DE AVILA/MAXIMO GOMEZ HABANA/JOSE MARTI INTL- HOLGUIN/FRANK PAIS INTL-- CIV/MIL SANTIAGO DE CUBA/ANTONIO MACEO INTL VARADERO/JUAN GUALBERTO GOMEZ INTL		MUCM MUCC MUCL MUCA- MUHA MUHG MUCU MUVR	Y <u>Y</u> Y Y	T <u>I</u> T T T T T	F <u>E</u> P P F F F F
Curacao WILLEMSTAD/CURACAO INTL.		TNCC	<u>Y</u>	<u>I</u>	<u>P</u>
Dominica MARIGOT/MELVILLE HALL INTL--DOMINICA ROSEAU/ CANEFIELD INTL--DOMINICA		TDPD TDPR	Y	T	F N
Dominican Republic BARAHONA/ APTO. INTERNACIONAL/INTL MARIA MONTES HIGUERO/DR. JOAQUIN BALAGUER INTL LA ROMANA/ LA ROMANA INTL CASA DE CAMPO PUERTO PLATA/ INTL-GREGORIO LUPERON INTL		MDBH MDLR MDPP	Y Y Y	T T T	F F F

Aerodrome where service is to be provided			OPMET to be provided		
Listed in AOP Tables	Not Listed in AOP Tables	ICAO Location Indicator	SASP	TAF	Availability
1	2	3	4	5	6
<u>PUNTA CANA</u> /PUNTA CANA INTL <u>SAMANA/EL CATEY INTL</u> SANTIAGO/ INTL -CIBAO <u>INTL</u> SANTO DOMINGO/ <u>DE LAS AMERICAS</u> INTL- JOSE FRANCISCO - <u>PENA GOMEZ</u>		MDPC <u>MDCY</u> MDST MDSB	Y Y Y	T T T	F F F
Ecuador GUAYAQUIL/ <u>JOSE JOAQUIN OLMEDO</u> LATACUNGA/ <u>COTOPAXI</u> MANTA/ <u>ELOY ALFARO</u> QUITO/ <u>MARISCAL SUCRE</u>		SEGU SELT SEMT SEQU	Y Y Y Y	T T T T	F P F F
El Salvador <u>SAN SALVADOR/AEROPUERTO INTERNACIONAL DE ILOPANGO</u> <u>INTL</u> <u>SAN SALVADOR/AEROPUERTO INTERNACIONAL EL SALVADOR</u> <u>INTL</u>		MSSS MSLP	Y Y	T T	P F
French Antilles (France) <u>FORT-DE-FRANCE/MARTINIQUE</u> , AIME CESAIRE, MARTINIQUE POINTE-A-PITRE, LE RAIZET, GUADELOUPE SAINT BARTHELEMY/ <u>SAINT BARTHELEMY</u> , FRENCH ANTILLES SAINT MARTIN, GRAND CASE , GUADELOUPE		TFFF TFFR TFFJ TFFG	Y Y	T T	F F N N
French Guiana (France) CAYENNE-ROCHAMBEAU		SOCA	Y	T	F
Grenada LAURISTON, CARRIACOU, GRENADA -GRENADINES <u>SAINT GEORGES</u> , MAURICE BISHOP <u>INTL</u> , GRENADA		TGPZ TGPY	 Y	 T	N F
Guatemala <u>GUATEMALA</u> /LA AURORA PUERTO BARRIOS/ <u>PUERTO BARRIOS</u> <u>PUERTO DE SAN JOSE</u> / <u>SAN JOSE</u> <u>SANTA HELENA/MUNDO MAYA INTL</u>		MGGT MGPB MGSJ MGMM	Y Y Y	T T T	F F F
Guyana <u>GEORGETOWN</u> /CHEDDI JAGAN INTL AIRPORT <u>GEORGETOWN/OGLE MUNICIPAL AIRPORT</u>		SYCJ <u>SYGO</u>	Y <u>Y</u>	T <u>I</u>	F <u>P</u>
Haiti CAP HAITEN/ <u>CAP HAITEN INTL</u> PORT-AU-PRINCE/ INTL <u>POIRT-AU-PRINCE INTL</u>		MTCH MTPP	 Y	 T	N P

Aerodrome where service is to be provided			OPMET to be provided		
Listed in AOP Tables	Not Listed in AOP Tables	ICAO Location Indicator	SASP	TAF	Availability
1	2	3	4	5	6
LORETO/ <u>LORETO INTL</u>		MMLT	Y	T	P
<u>LOS MOCHIS/DEL VALLE DEL FUERTE</u>	<i>LOS MOCHIS</i>	MMLM	Y	T	P
MANZANILLO/ <u>PLAYA DE ORO INTL</u>		MMZO	Y	T	P
MATAMOROS/ <u>MATAMOROS INTL</u>		MMMA	Y	T	P
MAZATLAN/ <u>GRAL. RAFAEL BUELNA INTL</u>		MMMZ	Y	T	F
MERIDA/ <u>LIC. MANUEL CRESCENCIO REJÓN INTL</u>		MMMD	Y	T	F
MEXICALI/ <u>GRAL. RODOLFO SÁNCHEZ TABOADA INTL</u>		MMML	Y	T	P
MEXICO/ <u>AEROPUERTO INTERNACIONAL BENITO JUÁREZ, CIUDAD DE MÉXICO</u>		MMMX	Y	T	F
<u>MINATITLAN/MINATITLAN</u>	<i>MINATITLAN</i>	MMMT	Y	T	P
<u>MONCLOVA/VENUSTIANO CARRANZA</u>		<u>MMMV</u>			
<u>MONTERREY/DEL NORTE INTL</u>		<u>MMAN</u>	<u>Y</u>	<u>I</u>	<u>P</u>
MONTERREY/ <u>GRAL. MARIANO ESCOBEDO INTL</u>		MMMY	Y	T	F
MORELIA/ <u>GRAL. FRANCISCO J. MUJICA INTL</u>		MMMM	Y	T	P
NOGALES/ <u>NOGALES INTL</u>		MMNG			N
NUEVO LAREDO/ <u>QUETZALCOATL INTL</u>		MMNL	Y	T	P
<u>OAXACA/XOXOCOTLÁN</u>	<i>OAXACA</i>	MMOX	Y	T	P
<u>PALENOQUE/PALENOQUE</u>		<u>MMPO</u>			
PIEDRAS NEGRAS/ <u>PIEDRAS NEGRAS INTL</u>		MMPG	Y	T	P
<u>PUEBLA/HERMANOS SERDÁN</u>	<i>POZA RICA</i>	MMPA	Y	T	P
<u>PUERTO ESCONDIDO/PUERTO ESCONDIDO</u>	<i>PUEBLA</i>	MMPB	Y	T	P
<u>PUERTO PEÑASCO/AEROPUERTO DEL MAR DE CORTÉS</u>	<i>PUERTO ESCONDIDO</i>	MMPS	Y	T	P
PUERTO VALLARTA/ <u>LIC. GUSTAVO DIAZ ORDAZ INTL</u>		<u>MMPE</u>			
<u>QUERETARO/INTERCONTINENTL DE QUERÉTARO</u>	<i>QUERETARO</i>	MMPR	Y	T	F
REYNOSA/ <u>GRAL. LUCIO BLANCO INTL</u>		MMQT	Y	T	P
<u>SALTILLO/PLAN DE GUADALUPE</u>	<i>SALTILLO</i>	MMRX	Y	T	P
SAN FELIPE/ <u>SAN FELIPE INTL</u>		MMIO	Y	T	F
SAN JOSE DEL CABO/ <u>AEROPUERTO INTL LOS CABOS</u>		MMSF			N
<u>SAN LUIS POTOSÍ/PONCIANO ARRIAGA</u>	<i>SAN LUIS POTOSÍ</i>	MMSD	Y	T	P
TAMPICO/ <u>GRAL. FRANCISCO JAVIER MINA INTL</u>		MMSP	Y	T	F
TAPACHULA/ <u>TAPACHULA INTL</u>		MMTM	Y	T	P
<u>TEPIC/TEPIC INTL</u>	<i>TEPIC</i>	MMTP	Y	T	P
TIJUANA/ <u>GRAL. ABELARDO I. RODR</u>		MMEP	Y	T	P
TOLUCA/ <u>JOSÉ MARÍA MORELOS Y PAVÓN</u>		MMTJ	Y	T	F
TORREON / <u>FRANCISCO SARABIA</u>		MMTO	Y	T	F
<u>TUXTLA GUTIERREZ/ANGEL ALBINO CORZO</u>	<i>TUXTLA GUTIERREZ (CIV)</i>	MMTC	Y	T	P
<u>URUAPAN/GENERAL IGNACIO LÓPEZ RAYÓN</u>	<i>URUAPAN</i>	MMTG	Y	T	P
VERACRUZ/ <u>GRAL. HERIBERTO JARA INTL</u>		MMPN	Y	T	P
		MMVR	Y	T	F

Aerodrome where service is to be provided			OPMET to be provided		
Listed in AOP Tables	Not Listed in AOP Tables	ICAO Location Indicator	S/ASP	TAF	Availability
1	2	3	4	5	6
VILLAHERMOSA/ <u>C.P.A. CARLOS ROVIROSA INTL</u>		MMVA	Y	T	P
ZACATECAS/ <u>GRAL. LEOBARDO C. RUIZ INTL</u>		MMZC	Y	T	F
Montserrat (United Kingdom) <u>GERALD'S/JOHN A. OSBORNE INTL</u> INTERNATIONAL AIRPORT		TRPG		T	P
Netherlands Antilles (Netherlands) <u>KRALENDUK/FLAMINGO</u> , <u>BONAIRE</u> , <u>FLAMINGO</u> <u>CURACAO/AEROPUERTO HATO</u> <u>ORANJESTAD/ST. EUSTATIUS</u> , <u>F. D. ROOSEVELT</u> , <u>SAINT EUSTATIUS I</u> <u>ST. MAARTEN/PRINCESS JULIANA</u>		TNCB TNCC TNCE TNCM	Y Y Y Y	T T T T	P F P F
Nicaragua MANAGUA/ <u>AUGUSTO CESAR SANDINO INTL</u> <u>MANAGUA</u> <u>PUERTO CABEZAS/RAAN</u>		MNMG MNPG	Y Y	T T	F P
Panama BOCAS DEL TORO/BOCAS DEL TORO CHANGUINOLA/CAP. MANUEL NIÑO DAVID/ENRIQUE MALEK PANAMA/MARCOS A. GELABERT PANAMA/TOCUMEN <u>INTL</u>		MPBO MPCH MPDA MPMG MPTO	Y Y Y Y Y	 T T T	P P P P F
Paraguay <u>LUQUE/ASUNCION/SILVIOS</u> , <u>PETTIROSSI INTL</u> <u>MINGA GAZÚ/CIUDAD DEL ESTE</u> , <u>GUARANI INTL</u>		SGAS SGES	Y Y	T T	F F
Peru AREQUIPA/INTL. <u>ALFREDO</u> RODRIGUEZ BALLON CHICLAYO/INTL. <u>CAPTAN</u> : JOSE ABELARDO QUINONES GONZALES, <u>GRAN GENERAL DEL AIRE DEL PERU</u> CUSCO/INTL. <u>TENIENTE FAP ALEJANDRO</u> VELAZCO ASTETE IQUITOS/INTL. CORONEL FAP FRANCISCO SECADA VIGNETTA LIMA-CALLAO/INTL. JORGE CHAVEZ PISCO/INTL. <u>PISCO</u>	ANDAHUAYLAS AYACUCHO/CORONEL FAP ALFREDO MENDIVIL DUARTE CAJAMARCA/MAYOR GRAL. FAP ARMANDO REVOREDO IGLESIAS ILO JUANJUI JULIACA/INTL. INCA MANCO CAPAC	SPHY SPQU SPHO SPJR SPHI SPZO SPLO SPQT SPJI SPJL SPIM SPSO	Y Y Y Y Y Y Y Y Y Y Y Y	T T T T T T T T T T T T	P F P P F F P P P F F

Aerodrome where service is to be provided			OPMET to be provided		
Listed in AOP Tables	Not Listed in AOP Tables	ICAO Location Indicator	SASP	TAF	Availability
1	2	3	4	5	6
TACNA/INTL. CORONEL FAP CARLOS CIRIANI SANTA ROSA	PUCALLPA/INTL. DAVID ABENSUR RENGIFO PUERTO MALDONADO/PADRE ALDAMIZ	SPCL	Y	T	F
TRUJILLO/INTL. CAPITAN FAP CARLOS MARTINEZ DE PINILLOS	TALARA/CAPITAN MONTES TARAPOTO/CDTE. GUILLERMO DEL CASTILLO PAREDES TINGO MARIA TUMBES/PEDRO CANGA YURIMAGUAS/MOISES BENZAQUEN RENGIFO	SPTU SPTN SPYL SPST SPGM SPRU SPME SPMS	Y Y Y Y Y Y Y Y	T T T T T T T T	P F P P P F P P
Puerto Rico AGUADILLA/RAFAEL HERNANDEZ INTL. PR. FAJARDO/DIEGO JIMENEZ TORRES PR. PONCE/PONCE-MERCEDITA, PR. SAN JUAN/LUIS MUNOZ MARIN INTL. ERNATIONAL, PR. VIEQUES/ANTONIO RIVERA, ISLA DE VIEQUES, PR.	MAYAGUEZ/EUGENIO MARIA DE HOSTOS, PR.	TJBQ TJFA TJMZ TJPS TJSJ TJVQ	Y Y Y Y Y	T T T T T	P N P F F N
Saint Kitts and Nevis BASSETERRE/ROBERT L. BRADSHAW, ST. CHRISTOPHER- (ST. SAINT KITTS I.) AND NEVIS CHARLESTOWN/VANCE WINKWORTH AMORY, ST. CHRISTOPHER (ST. KITTS) AND NEVIS		TKPK TKPN	Y Y	T T	P P
Saint Lucia CASTRIES/GEORGE F. L. CHARLES, SAINT LUCIA VIEUX-FORT/HEWANORRA INTL. SAINT LUCIA		TLPC TLPL	Y Y	T T	P F
Saint Maarten PHILIPSBURGH/PRINCESS JULIANA, ST. MAARTEN I.		TNCM	Y	I	E
Saint Vincent and the Grenadines BEQUIA/J.F. MITCHELL, BEQUIA ST. VINCENT AND THE GRENADINES CANOUAN/CANOUAN, ST. VINCENT AND THE GRENADINES KINGSTOWN/E.T. JOSHUA, ST. VINCENT AND THE GRENADINES MUSTIQUE/MUSTIQUE, ST. VINCENT AND THE GRENADINES UNION ISLAND/UNION ISLAND, ST. VINCENT AND THE GRENADINES		TVSB TVSC TVSV TVSM TVSU	 Y 	 T 	N N P N N
Suriname ZANDERY/JOHAN ADOLF PENGEL INTL NICKERIE/MAJ. FERNANDES		SMJP SMNI	Y Y	T T	F P

Aerodrome where service is to be provided			OPMET to be provided		
Listed in AOP Tables	Not Listed in AOP Tables	ICAO Location Indicator	S/ASP	TAF	Availability
1	2	3	4	5	6
<u>PARAMARIBO/ZORG EN HOOP</u>		SMZO	Y	T	P
Trinidad and Tobago <u>PORT OF SPAIN/PIARCO INTL., TRINIDAD I.</u> <u>SCARBOROUGH/CROWN POINT, TOBAGO I.</u>		TTPP TTCP	Y Y	T T	F F
Turks and Caicos Islands (United Kingdom) <u>GRAND TURK/JAGS MACCARTNEY INTL. AIRPORT INTERNATIONAL AIRPORT GRAND TURK</u> <u>PROVIDENCIALES/PROVIDENCIALES INTL. INTERNATIONAL</u> <u>SOUTH CAICOS/SOUTH CAICOS INTL. INTERNATIONAL</u>		MBGT MBPV MBSC	Y Y Y	T T T	P P P
Uruguay COLONIA/INTL. <u>DE COLONIA "LAGUNA DE LOS PATOS"</u> MALDONADO/INTL. C/C CARLOS A. CURBELO "LAGUNA DEL SAUCE" MONTEVIDEO/INTL. <u>AD ANGEL S. ADAMI</u> MONTEVIDEO/INTL. <u>DE CARRASCO "GRAL. CESAREO L. BERISSO"</u> RIVERA/INTL. PRESIDENTE <u>GRAL. ENERAL (PILOTO AVIADOR MILITAR) DON OSCAR D. GESTIDO</u> SALTO/INTL. NUEVA HESPERIDES	<i>DURAZNO/SANTA BERNARDINA INTL. DE ALTERNATIVA</i>	SUCA SUDU SULS SUAA SUMU SURV SUSO	Y Y Y Y Y Y Y	T T T T T T T	P F F P F P P
Venezuela BARCELONA/ <u>GRAL. JOSÉ ANTONIO; ANZOATEGUI INTL.</u> <u>CARACAS/SIMON BOLIVAR INTL. MAIQUETIA, INTERNACIONAL SIMON BOLIVAR, MAIQUETIA, VARGAS</u> MARACAIBO/ <u>LA CHINITA INTL., ZULIA</u> MARGARITA/ <u>INTL. DEL CARIBE GRAL. SANTIAGO MARINO, NUEVA ESPARTA</u> PARAGUANA/ <u>JOSEFA CAMEJO INTL., FALCON</u> SAN ANTONIO DEL TACHIRA/ <u>SAN ANTONIO DEL TACHIRA INTL.</u> VALENCIA/ <u>ZIM VALENCIA INTL., CARABOBO</u>	<i>BARQUISIMETO, LARA</i> <i>SANTO DOMINGO, B.A. MAYOR BUENAVENTURA VIVAS, TACHIRA</i>	SVBC SVBM SVMI SVMC SVMG SVJC SVSA SVSO SWA	Y Y Y Y Y Y Y Y Y	T T T T T T T T T	F P F F F P P P P
Virgin Islands (United States) <u>CHRISTIANSTED/HENRY I. E. ROHLSSEN, ST. CROIX</u> <u>CHARLOTTE AMALIE ST. SAINT THOMAS/CYRIL E. KING VI.</u>		TISX TIST	Y Y	T T	F F

FASID Table MET 3A — Tabla MET 3A del FASID

TROPICAL CYCLONE ADVISORY CENTRE CENTRO DE AVISOS DE CICLONES TROPICALES

EXPLANATION OF THE TABLE

- 1 Location of the tropical cyclone advisory centre (TCAC).
- 2 ICAO location indicator of TCAC (for use in the WMO header of advisory bulletin).
- 3 Area of responsibility for the preparation of advisory information on tropical cyclones by the TCAC in Column 1.
- 4 Period(s) of operation of the TCAC.
- 5 MWO to which the advisory information on tropical cyclones should be sent.
- 6 Location indicator assigned to the MWO in Column 4.

EXPLICACIÓN DE LA TABLA

Columna

- 1 Lugar del centro de avisos de ciclones tropicales (TCAC).
- 2 Indicador de lugar del TCAC (para usar en el encabezamiento de la OMM del boletín de asesoramiento).
- 3 Zona de responsabilidad para la preparación de la información de asesoramiento sobre ciclones tropicales por el TCAC en la Columna 1.
- 4 Período(s) de operación del TCAC.
- 5 MWO a la que debe enviarse la información de asesoramiento sobre ciclones tropicales.
- 6 Indicador de lugar de la OACI asignado a la MWO de la Columna 4.

FASID Table MET 3A — Tabla MET 3A del FASID

Tropical cyclone advisory centre/Centro de avisos de ciclones tropicales	ICAO Loc. Ind. / Ind. De Lugar OACI	Area of responsibility/Zona de responsabilidad	Period(s) of operation/Período(s) de operación	MWO to which advisory information is to be sent/MWO a la que debe enviarse información de asesoramiento	
				Name/Nombre	ICAO Loc. Ind./Ind. de Lugar OACI
1	2	3	4	5	6
Miami (United States) (Estados Unidos)	KWBC	Tropical Atlantic, Caribbean Sea, Gulf of Mexico Relevant parts of the Pacific East of E140° Atlántico Tropical, Mar del Caribe, Golfo de México Partes pertinentes del Pacífico al este de los 140° E	1 June – 30 November 1 de junio – 30 noviembre	Amazónico/CINDACTA IV Bogotá Brasilia/CINDACTA I Caracas Cayenne Curitiba/CINDACTA II Timehri Habana Kingston México Kansas City Panama Port of Spain Port-au-Prince Recife/CINDACTA III Santo Domingo Tegucigalpa Willemstad Zandery	SBAZ SKBO SBBS SVMJ SOCA SBCW SYCJ MUHA MKJP MMMX KKCI MPTO TTPP MTPP SBRE MDSO MHTG TNCC SMJP

FASID Table MET 3B — Tableau MET 3B — Tabla MET 3B DEL FASID

VOLCANIC ASH ADVISORY CENTRE CENTRO DE AVISOS DE CENIZAS VOLCÁNICAS

EXPLANATION OF THE TABLE

Column

- 1 Name of the volcanic ash advisory centre (VAAC).
- 2 ICAO location indicator of VAAC (for use in the WMO ~~heading-header~~ of advisory bulletin).
- 3 Area of responsibility for the preparation of advisory information on volcanic ash by the VAAC in Column 1.
- 4 ~~ICAO Contracting~~ State where the MWOs and ACCs/FICs are located.
- 5 ICAO region where the VAAC, ~~W~~MWOs and ACCs/FICs are located.
- 6 MWOs to which the advisory information on volcanic ash should be sent.
- 7 ICAO location indicator of the MWOs in Column 6.
- 8 ACCs/FICs to which the advisory information on volcanic ash should be sent.
- 9 ICAO location indicator of the ACCs/FICs in Column 8.

Note.- MWOs and ACCs/FICs in italics are situated outside the CAR/SAM Region

EXPLICACIÓN DE LA TABLA

Columna

- 1 Nombre del centro de aviso de cenizas volcánicas (VAAC)
- 2 Indicador de lugar de la OACI del VAAC (para uso en el encabezamiento abreviado de la OMM de los boletines de los avisos).
- 3 Zona de responsabilidad para la preparación de la información de asesoramiento sobre cenizas volcánicas por el VAAC de la Columna 1.
- 4 Estado ~~Contratante de la OACI~~ donde las MWO y los ACC/FIC están localizados.
- 5 Región de la OACI donde el VAAC, la MWO y el ACC/FIC están localizados.
- 6 MWO a las que debe enviarse la información de asesoramiento sobre cenizas volcánicas.
- 7 Indicador de lugar de la OACI de la MWO de la Columna 6.
- 8 ACC/FIC a las que debe enviarse la información de asesoramiento sobre cenizas volcánicas.
- 10 Indicador de lugar de la OACI de los ACC/FIC de la Columna 8.

Nota.- Las MWO y los ACC/FIC en cursiva se encuentran fuera de la Región CAR/SAM

FASID Table MET 3B — Tableau MET 3B — Tabla MET 3B DEL FASID

Volcanic ash advisory centre/Centro de aviso de ceniza volcánica			State/ Estado	ICAO Region/ Región de la OACI	MWO to which the information is to be sent/MWO a la que se enviará la información		ACC/FIC to which the information is to be sent/ACC/FIC a la que se enviará la información	
Name/ Nombre	ICAO Loc. Ind. Ind. de Lugar OACI	Area of responsibility/ Zona de responsabilidad			Name/ Nombre	ICAO Loc. Ind. Ind. de Lugar OACI	Name/ Nombre	ICAO Loc. Ind. Ind. de Lugar OACI
1	2	3	4	5	6	7	8	9
Buenos Aires (Argentina)	SABM	South of S10° between W10° and W90° Al sur de los 10°S entre 10°W y 90°W	Argentina	SAM	Buenos Aires (Aeroparque)	SABE	Ezeiza	SAEF/ SAEU
					Comodoro Rivadavia	SAVC	Comodoro Rivadavia	SAVF/ SAVU
					Córdoba	SACO	Córdoba	SACF/ SACU
					Mendoza	SAME	Mendoza	SAMF/ SAMV
					Resistencia	SARE	Resistencia	SARR/ SARU
					La Paz	SLLP	La Paz	SLLF
					Amazónico/CINDACTA IV	SBAZ	Amazónica	SBAZ
					Brasília/CINDACTA I	SBBS	Brasília	SBBS
					Curitiba/CINDACTA II	SBCW	Curitiba	SBCW
					Recife/CINDACTA III	SBRE	Recife	SBRE
					Recife/CINDACTA III	SBRE	Atlántico	SBAO
					Antofagasta	SCFA	Antofagasta	SCFZ
					Puerto Montt	SCTE	Puerto Montt	SCTZ
	Punta Arenas	SCCI	Punta Arenas	SCCZ				
	Santiago	SCEL	Santiago	SCEZ				
	Asunción	SGAS	Asunción	SGFA				
	Lima-Callao	SPIM	Lima	SPIM				
	Montevideo	SUMU	Montevideo	SUEO				
Washington (United States)	KNES	New York Oceanic Oakland Oceanic south of N43 E165 N48.20 W150, N48.20 W128 and United States Continental FIRs North of S10° W140°W New York Oceanic Oakland Oceanic al sur de N43 E165 N48.20 W150, N48.20 W128 y FIRs Continentales de Estados Unidos Al norte de los 10°S S10 W140°W	Brazil	SAM	Amazónico/CINDACTA IV	SBAZ	Amazónica	SBAZ
					Recife/CINDACTA III	SBRE	Recife	SBRE
					Recife/CINDACTA III	SBRE	Atlántico	SBAO
					Santa Fe de Bogotá	SKBO	Barranquilla	SKEC
					Santa Fe de Bogotá	SKBO	Bogotá	SKED
					Habana	MUHA	Habana	MUFH
					Santo Domingo	MDSO	Santo Domingo	MDCS
					Guayaquil	SEGU	Guayaquil	SEGU
					Cayenne	SOCA	Rochambeau	SOOO
					Timehri	SYCJ	Georgetown	SYGC
					Port-au-Prince	MTPP	Port-au-Prince	MTEG
					Tegucigalpa	MHTG	Central American	MHTG
					Kingston	MKJP	Kingston	MKJK
					México	MMMX	Mazatlán	MMZT
					México	MMMX	México	MMEX
					Willemstad	TNCC	Curacao	
					Panamá	MPTO	Panamá	TNCF
					Lima - Callao	SPIM	Lima	MPZL
					Zandery	SMJP	Paramaribo	SPIM
					Port of Spain	TTTP	Piarco	SMPM
		Kansas City	KKCI	Houston Oceanic	TTZP			
		Kansas City	KKCI	Houston Oceanic	KZHU			
		Kansas City	KKCI	Miami Oceanic	KZMA			
		Caracas	SVMI	San Juan	TJZS			
				Maiquetía	SVZM			
Wellington (New Zealand)	NZKL	Southward from the Equator and from E160 to W140, except for the Melbourne and Brisbane FIRs, and southward from S10 and from W140 to W90	Argentina	SAM	Buenos Aires (Aeroparque)	SABE	Ezeiza	SAEF/ SAEU
					Comodoro Rivadavia	SAVC	Comodoro Rivadavia	SAVF/ SAVU
					Córdoba	SACO	Córdoba	SACF/ SACU
					Mendoza	SAME	Mendoza	SAMF/ SAMV
					Resistencia	SARE	Resistencia	SARR/ SARU
					La Paz	SLLP	La Paz	SLLF
					Amazónico/CINDACTA IV	SBAZ	Amazónica	SBAZ
					Brasília/CINDACTA I	SBBS	Brasília	SBBS
					Curitiba/CINDACTA II	SBCW	Curitiba	SBCW
					Recife/CINDACTA III	SBRE	Recife	SBRE
					Recife/CINDACTA III	SBRE	Atlántico	SBAO

Volcanic ash advisory centre/Centro de aviso de ceniza volcánica			State/ Estado	ICAO Region/ Región de la OACI	MWO to which the information is to be sent/MWO a la que se enviará la información		ACC/FIC to which the information is to be sent/ACC/FIC a la que se enviará la información	
Name/ Nombre	ICAO Loc. Ind. de Lugar OACI	Area of responsibility/ Zona de responsabilidad			Name/ Nombre	ICAO Loc. Ind. de Lugar OACI	Name/ Nombre	ICAO Loc. Ind. de Lugar OACI
1	2	3	4	5	6	7	8	9
		<u>Al sur del Ecuador y de E160 a W140, except para la s FIR Melbourne y Brisbane, y al sur de S10 y de W140 a W90</u>	<u>Chile</u> <u>Paraguay</u> <u>Perú</u> <u>Uruguay</u>		<u>Antofagasta</u> <u>Puerto Montt</u> <u>Punta Arenas</u> <u>Santiago</u> <u>Asunción</u> <u>Lima-Callao</u> <u>Montevideo</u>	<u>SCFA</u> <u>SCTE</u> <u>SCCI</u> <u>SCEL</u> <u>SGAS</u> <u>SPIM</u> <u>SUMU</u>	<u>Antofagasta</u> <u>Puerto Montt</u> <u>Punta Arenas</u> <u>Santiago</u> <u>Asunción</u> <u>Lima</u> <u>Montevideo</u>	<u>SCFZ</u> <u>SCTZ</u> <u>SCCZ</u> <u>SGEZ</u> <u>SGFA</u> <u>SPIM</u> <u>SUEO</u>

FASID Table MET 3C
TABLA MET 3C DEL FASID

SELECTED STATE VOLCANO OBSERVATORIES
OBSERVATORIOS DE VOLCANES DE ESTADOS SELECCIONADOS

EXPLANATION OF THE TABLE

Column

- 1 ~~Name of the~~ Provider State of the volcano observatory designated for direct notification of volcanic activity.
- 2 Name of the volcano observatory.
- 3 VAAC to which the information related to pre-eruption volcanic activity, a volcanic eruption and/or volcanic ash cloud should be sent.
- 4 ACC to which the information related to pre-eruption volcanic activity, a volcanic eruption and/or volcanic ash cloud should be sent.
- 5 ICAO location indicator of the ACC in Column 4.
6. MWO to which information related to pre-eruption volcanic activity, a volcanic eruption and/or volcanic ash cloud should be sent.
- 7 ICAO location indicator assigned to the MWO in Column 6.

EXPLICACIÓN DE LA TABLA

Columna

- 1 ~~Nombre del~~ Estado Proveedor del observatorio de volcanes designado para la notificación directa de actividad volcánica.
- 2 Nombre del observatorio de volcanes.
- 3 VAAC al cual se debe enviar la información relacionada con actividad volcánica previa a una erupción, una erupción volcánica y/o nubes de ceniza volcánica.
- 4 ACC al cual se debe enviar la información relacionada con actividad precursora de erupción volcánica, una erupción volcánica y/o nubes de ceniza volcánica.
- 5 Indicador de lugar de la OACI del ACC de la Columna 4.
- 6 MWO a la cual se debe enviar la información relacionada con actividad volcánica previa a una erupción, una erupción volcánica y/o nubes de ceniza volcánica.
- 7 Indicador de lugar de la OACI asignado a la MWO de la Columna 6.

Table MET 3C — Tabla MET 3C

Provider State of volcano observatory Estado Proveedor del observatorio de volcanes	Volcano observatory Observatorio de volcanes	VAAC to which the information is to be sent VAAC al cual se debe enviar la información	ACC to which the information is to be sent ACC a la cual se debe enviar la información		MWO to which information is to be sent MWO a la cual se debe enviar la información	
			Name Nombre	ICAO Loc Ind. Ind. de lugar OACI	Name Nombre	ICAO Loc Ind. Ind. De lugar OACI
1	2	3	4	5	6	7
Argentina	Servicio Geológico y Minero Argentino (SEGEMAR)	Buenos Aires	Ezeiza	SAEF/ SAEU	Buenos Aires (Aeroparque)	SABE
			Comodoro Rivadavia	SAVF/ SAVU	Comodoro Rivadavia	SAVC
			Córdoba	SACF/ SACU	Córdoba	SACO
			Mendoza Resistencia	SAMF/ SAMV SARR/ SARU	Mendoza Resistencia	SAME SARE
Chile	Southern Andes Volcano Observatory (SAVO) Departamento de Ciencias Físicas, Temuco Servicio Nacional de Geología y Minería (SERNAGEOMIN), Santiago	Buenos Aires	Antofagasta	SCFZ	Antofagasta	SCFA
			Puerto Montt	SCTZ	Puerto Montt	SCTE
			Punta Arenas	SCCZ	Punta Arenas	SCCI
			Santiago	SCEZ	Santiago	SCEL
Colombia	INGEOMINAS - Observatorio de volcanes de Colombia, Manizales	Washington	Barranquilla Bogotá	SKEC SKED	Santa Fe de Bogotá Santa Fe de Bogotá	SKBO SKBO
Costa Rica	Observatorio de volcanes y Sismológico de Costa Rica, (OVSI-CORI-UNA), Heredia	Washington	Central American	MHTG	Tegucigalpa	MHTG
Ecuador	Instituto Geofísico, Quito	Washington	Guayaquil	SEGU	Guayaquil	SEGU
El Salvador	Servicio Nacional de Estudios Territoriales (SNET), Ministerio de Medio Ambiente y Recursos Naturales, (MARN), El Salvador	Washington	Central American	MHTG	Tegucigalpa	MHTG
French Antilles (France)	GUADELOUPE, Observatoire volcanologique de la Soufriere MARTINIQUE, Observatoire volcanologique de la Pelée	Washington	Piarco	TTZP	Port of Spain	TTPP
		Washington				
Guatemala	INSIVUMEH Sección Vulcanología, Ciudad de Guatemala	Washington	Central American	MHTG	Tegucigalpa	MHTG
Guyana	Guyana Geology and Mines Commission	Washington	Georgetown	SYGC	Timheri	SYCJ
México	Centro Nacional de Prevención de Desastres (CENAPRED) Centro Universitario de Investigaciones en Ciencias del Ambiente, Universidad de Colima Instituto de Geofísica, UNAM Observatorio de volcanes, Universidad de Colima	Washington	Mazatlán México	MMZT MMEX	México México	MMMX MMMX

Provider State of volcano observatory Estado Proveedor del observatorio de volcanes	Volcano observatory Observatorio de volcanes	VAAC to which the information is to be sent VAAC al cual se debe enviar la información	ACC to which the information is to be sent ACC a la cual se debe enviar la información		MWO to which information is to be sent MWO a la cual se debe enviar la información	
			Name Nombre	ICAO Loc Ind. Ind. de lugar OACI	Name Nombre	ICAO Loc Ind. Ind. De lugar OACI
1	2	3	4	5	6	7
Montserrat (U.K.)	Montserrat Volcano Observatory	Washington	Piarco	TTZP	Port of Spain Port of Spain Port of Spain Port of Spain	TTPP TTPP TTPP TTPP
Nicaragua	Dirección General del Inst. Nicaragüense de Estudios Territoriales (INETER), Managua Dirección de Vulcanología	Washington	Central American	MHTG	Tegucigalpa	MHTG
Panamá	Instituto de Geociencias	Washington	Panamá/Tocumen	MPZL	Panamá	MPTO
Perú	Instituto Geofísico del Perú (IGP), Arequipa	Buenos Aires and/y Washington	Lima	SPIM	Lima	SPIM
Trinidad y Tabago	Seismic Research Unit, University of Indies St. Augustine	Washington	Piarco	TTZP	Port of Spain	TTPP

Note.- AFTN is not available at all selected volcano observatories; ~~and~~ therefore, it is the responsibility of each State to make appropriate communication arrangements.

Nota.- El AFTN no está disponible en todos los observatorios de volcanes seleccionados; ~~y~~ por lo tanto, es responsabilidad de cada Estado efectuar los arreglos de comunicaciones correspondientes.

FASID Table MET 5/Tabla MET 5 del FASID

REQUIREMENTS FOR WAFS FORECASTS

REQUISITOS DE PRONÓSTICOS ELABORADOS POR EL WAFS

EXPLANATION OF THE TABLE

Column

- 1 WAFS forecasts required by the CAR/SAM States, to be provided by WAFC Washington.
- 2 Area of coverage required for the WAFS forecasts, to be provided by WAFC Washington.

EXPLICACIÓN DE LA TABLA

Columna

- 1 Pronósticos del WAFS requeridos por los Estados CAR/SAM, que ha de proporcionar el WAFC de Washington.
- 2 Zona de cobertura requerida para los pronósticos del WAFS, que ha de proporcionar el WAFC de Washington.

Forecast required/Pronóstico requerido	Areas required/Zonas requeridas
1	2
SWH forecasts (FL 250 – 630) in the BUFR code form/ Pronósticos de SWH (FL 250 – 630) en la clave BUFR	Global/Mundial
SWM forecasts (FL 100 – 250) in the BUFR code form/ Pronósticos de SWM (FL 100 – 250) en la clave BUFR	NIL
Forecasts of upper-air wind, temperature and humidity, cumulonimbus cloud, icing, and clear-air and in-cloud turbulence and of altitude of flight levels in the GRIB code form Pronósticos de vientos temperatura y humedad en altitud, nubes cumulonimbus, engelamiento, y turbulencia en aire claro y en las nubes y de niveles de vuelo en altitud en la clave GRIB	Global/ Mundial

Note 1. — SWM forecasts are provided for limited geographical areas as determined by regional air navigation agreement. Areas “ASIA SOUTH”, “EUR” and “MID” provided by WAFIC London; area “NAT” provided by WAFIC Washington.

Nota 1. — Se proporcionan pronósticos SWM para zonas geográficas limitadas según se determine por acuerdo regional de navegación aérea. El WAFIC Londres proporciona a las zonas “ASIA SOUTH”, “EUR” y “MID”; y el WAFIC Washington a la zona “NAT”.

Note 2. — WAFICs will continue to issue forecasts of SIGWX in PNG chart form for back-up purposes for fixed areas of coverage as specified in Annex 3.

Nota 2. — Los WAFIC continúan emitiendo mapas PNG pronosticados de SIGWX con fines de respaldo para zonas de cobertura según se especifica en el Anexo 3.

Note 3. — Forecasts of cumulonimbus clouds, icing and clear-air and in-cloud turbulence are labelled as “trial forecasts” and are currently distributed through the internet-based services. ~~experimental forecasts which are expected to become available by the end of 2009.~~

Nota 3. — Los pronósticos de nubes cumulonimbus, engelamiento, y turbulencia en aire claro y en las nubes se denominan “pronósticos de prueba” y son distribuidos actualmente a través de servicios basados en internet. ~~son experimentales los cuales se espera estén disponibles a finales de 2009.~~

APENDICE B / APPENDIX B

**LIST OF POINTS OF CONTACT FOR OPMET EXCHANGE /
LISTA DE PUNTOS DE CONTACTO PARA EL INTERCAMBIO OPMET**

CAR/SAM REGIONS

Nominated by/ Nominado por	Name/Nombre	Postal address/ Dirección Postal	Contact information/ Información de contacto
ARGENTINA	Pronosticador Jorge Oscar Leguizamon Auxiliar del Dpto. de Meteorología Aeronáutica Servicio Meteorológico Nacional	25 de Mayo 658 Buenos Aires, C.P. 1002ABN ARGENTINA	Tel: +5411 5167 6707 Fax: +5411 5167 6709 Cel/Mobile : E-mail: jolegui@smn.gov.ar
BOLIVIA	Walter Ríos Aliaga Jefe Meteorología Regional La Paz AASANA	Administración de Aeropuertos y Servicios Auxiliares a la Navegación Aérea Calle Félix Reyes Ortiz No. 74 Edif. FEDEPETROL, Piso 6 La Paz, Bolivia	AFTN: SLLPYGYI Tel: +5912-2124129 / 2114232 Fax: +5912-2821717 E-mail: waraliaga@yahoo.es ovmfirmbolivia@yahoo.es
	Roberto Catacora División Meteorología La Paz AASANA		AFTN: SLLPYRYE Tel: +5912 2316686 Fax: +5912 2316686 E-mail: rcatacora@asana.bo
BRAZIL	Carlos Roberto Henriques Asesor de la Sección de Coordinación y Control OPMET del Departamento de Control del Espacio Aéreo - DECEA	Av. General Justo, 160 CEP 20021-130 Río de Janeiro, RJ – Brasil	Tel: +5521 2101 6288 Fax: +5521 2101 6284 E-mail: asscco3@decea.gov.br
	Nelson Luiz Motta Silva Gerente del Banco de Datos OPMET de Brasilia	Página Web del banco de datos OPMET: www.redemet.aer.mil.br	AFTN: SBBRYZYX Tel: +5521 2101 6283 Fax: +5521 2101 6284 E-mail: cco3.3@decea.gov.br
CHILE	Alejandro Rodrigo Arriagada Ríos Administrador del Banco OPMET	Av. Portales No. 3450 comuna Estación Central Casilla de Correo 140 Estación Central/Matucana Santiago, Chile Zip code: 9170018	AFTN: SCZZMAMX Tel: +562 436 4543 Fax: +562 437 8212 Cel/Mobile: +569 9 342 0336 E-mail: aarriagada@meteochile.cl bcoopmet@meteochile.cl
	Reinaldo Gutierrez Cisterna Jefe Sección Meteorología Aeronáutica Dirección Meteorológica de Chile	Av. Portales No. 3450 comuna Estación Central Casilla de Correo 140 Estación Central/Matucana Santiago, Chile Zip code: 9170018	AFTN: SCZZMAMX Tel: +562 436 4541 Fax: +562 437 8212 Cel/Mobile: +56 9 6328707 E-mail: rgutierrez@meteochile.cl
COLOMBIA	Oscar Bermúdez Jefe del Grupo de Meteorología UAEAC	Aeropuerto Internacional El dorado, Bogotá, Colombia Centro Nacional de Análisis y Pronósticos	AFTN: SKZZMAMX Tel: +571 2663001 Fax: +571 4139646 Cel/Mobile: +573 315-3351545 / 300-6508840 E-mail: obermud@aerocivil.gov.co Tel: +571 266 2257
ECUADOR	Ing. Edison Lagos Patricio Bracero Lara Jefe Gestión Meteorología Aeronautica	Dirección General de Aviación Civil, Av. Buenos Aires OE-53 y Av. 10 de Agosto Quito, Ecuador	E-mail: edison.lagos@dgac.gob.ec Tel: +593 2 330 1515 Fax: +593 2 3301515 Cel/Mobile: +593 99 0997003346 +593 084585973 E-mail: meteorologia_ams@yahoo.com

Nominated by/ Nominado por	Name/Nombre	Postal address/ Dirección Postal	Contact information/ Información de contacto
FRENCH GUIANA (France)	Philippe Livenais Head of Meteorological Service Cayenne-Rochambeau Airport METEO-FRANCE	Aéroport de Rochambeau, 97351 Matoury, French Guiana France	AFTN: SOCAZMYX Tel: +0594 594 353530 Fax: +0594 594 353544 Cel/Mobile: +0594 694 214399 E-mail: philippe.livenais@meteo.fr
GUYANA	Mr. Lyndon. Alves Meteorologist	National Weather Watch Centre Hydrometeorological Service Ministry of Agriculture Hyde Park Timehri E.B.D.	AFTN: SYCJYMYX Tel:
PANAMA	Celestino Lamboglia Jefe Sección Análisis y Pronósticos MET	Autoridad Aeronáutica Civil P.O. Box 5448 Balboa Ancón Panamá, Rep. de Panamá	AFTN: MPTOYMYX Tel: +507 238 2612 Fax: +507 238 4678 Cel/Mobile: +507 6045 4119 E-mail: meteortoc@aeronautica.gob.pa
PARAGUAY	Lic. Jorge A. Sánchez Gerente de Pronósticos Meteorológicos	Dirección de Meteorología e Hidrología – DINAC Mcal. López y 22 de Setiembre Edificio MDN – 6to. Piso Asunción, Paraguay	AFTN: SGZZMAMX Tel: +595-21 42200 Fax: +595-21 646095 Cel/Mobile: +595-991-795213 E-mail: jorge.sanchez@meteorologia.gov.py joansawa@gmail.com
	Lic. Jorge Concepción Armoa Cañete Jefe del Departamento de Meteorología Aeronáutica	Dirección de Meteorología e Hidrología – DINAC Mcal. López y 22 de Setiembre Edificio MDN – 6to. Piso Asunción, Paraguay	Tel: +595-21 646095 Fax: +595-21 646095 E-mail: jorge.armoa@meteorologia.gov.py aeronautica_dmh@dinac.gov.py
PERU	Sr. Baldomero Celis Malca	CORPAC S.A. Aeropuerto Internacional Jorge Chávez - Apartado 680 Callao 1, Lima, Perú	AFTN: SPIMYMYM Tel: +511 630 1177 Fax: +511 630 1180 Cel/Mobile: E-mail: bcelis@corpac.gob.pe pronostico@corpac.gob.pe
SURINAME	Jessica Nabi Roël Oehlers	National Meteorological Center-MWO J.A Pengel International Zandery –Distric Para, Suriname	Tel: +597 325 206 / 325 154 Fax: +597 325 206 / 325 279 Cel/Mobile: E-mail: meteozan@yahoo.com
URUGUAY	CNS Oscar Faría Lasso Director de División Telecomunicaciones Aeronáuticas (COM/OPS)	DINACIA – Canelones, Uruguay	AFTN: SUMUYTYX / SUMUYFYX Tel: +5982 604 0258 Fax: +5982 604 0298 E-mail: divcom@adinet.com.uy
	MET Inés Rodríguez	Dirección Meteorología Aeronáutica Aeropuerto Internacional de Carrasco - Canelones, Uruguay	AFTN: SUMUYMYX / SUZZMAMX Tel: +5982 604 0299 / 604 1134 Fax: +5982 604 9004 E-mail: dmae@adinet.com.uy
VENEZUELA	José Ramón Pereira Bastida	Instituto Nacional de Aeronautica Civil INAC Edificio ATC Coordinación de Meteorología Maiquetía-Estado Vargas Frente al Aeropuerto Internacional Simon Bolívar	AFTN: SVZZMAMX Tel: +0058 2123552967 Fax: +0058 2123552967 Cel/Mobile: +0058 4266132979 E-mail: jose.pereira @inac.gob.ve meteope@yahoo/hotmail.com
	Ramón Vicente Velásquez	Aeropuerto Int. Simón Bolívar Terminar Internacional Nivel Sótano, Rampa No. 15 Oficina de Meteorología Maiquetía, Estado Vargas	Tel: +0058 2123031522 Fax: +0058 2123031522 Cel/Mobile: +0058 4142773454 E-mail: velasquezramon750@hotmail.com met_miq@yahoo.com