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International Civil Aviation Organization
CAR/SAM Regional Planning and Implementation Group (GREPECAS)
Eighth Meeting of the GREPECAS Aeronautical Meteorology Subgroup (AERMETSG/8)
Santiago, Chile, 9 to 13 October 2006

Agenda Item 6: Review of the CAR/SAM ANP/FASID, Part VI – MET

(Presented by the Secretariat)

SUMMARY

This working paper presents Part VI - MET of the CAR/SAM Air Navigation Plan, Volume I, Basic and Facilities and Services Implementation Document, Volume II, FASID (Doc 8733), in force. Likewise, amendments to FASID Tables MET 1A, MET 2A and MET 2B are proposed.

References:

- CAR/SAM ANP Volume I, Basic and Volume II, FASID (Doc 8733);
- Proposal for amendment to CAR/SAM Air Navigation Plan ANP - Volume II, FASID (Serial No. SAM 06/7 - AGA/AOP/MET/AIS); and
- Report of the Eleventh Meeting of the SADIS Operations Group (SADISOPSG/11, Cairo 2006).

1. Introduction

1.1 The main task of the meeting is to review, under Agenda Item 6, regional meteorological procedures indicated in Part VI – Meteorology of the CAR/SAM ANP Basic/FASID (Doc 8733), in accordance with the structure of the current practices of the requirements in the CAR/SAM Regions.

1.2 The Eleventh Meeting of the SADIS Operations Group formulated Conclusion 11/9, calling for the Secretariat to consider developing a database oriented version of global FASID Table MET 1A, in time for the SADISOPSG/12 Meeting, which will take place from 4 to 6 June 2007, in order to maintain the currency of the database-oriented Annex 1 to the *SADIS User Guide (SUG)* updated the database oriented, which includes the requirement for TAF and which should be, by definition, consistent with all ANP FASID Tables MET 1A.

1.3 The meeting shall be aware that great efforts have been made to keep updated CAR/SAM FASID Tables MET 2A and MET 2B concerning the exchanges of METAR/SPECI and TAF, and SIGMET, respectively. These tables reflect the regional air navigation (RAN) agreements called for by Annex 3 – *Meteorological Service for International Air Navigation*, Appendix 3, 3.1.2 and Appendix 6, 1.2.1. The tables should, in principle, be current at all times since they detail the MET information required by users and form the basis for MET charges.

1.4 CAR/SAM FASID Tables MET 2A and MET 2B include complex inter- and intra-regional OPMET exchanges. With the implementation of the global satellite distribution systems (ISCS and SADIS), the reason for the inclusion of the information related to at least inter-regional exchanges in these FASID tables, may be questioned.

2. Discussion

2.1 ANP Básico/FASID CAR/SAM, Parte VI - MET

2.1.1 The meeting may recall that regional meteorological procedures indicated in Part VI – Meteorology of the CAR/SAM ANP Basic/FASID (Doc 8733), were amended in July and May 2006, respectively. The valis ANP Basic text is attached as **Appendix A** and the FASID is attached as **Appendix B**.

2.1.2 As a result of amendments to CAR/SAM AOP Table 1 requested by Argentina, Brazil, Ecuador and Colombia, proposal for amendment Serial No. SAM 06/7 - AGA/AOP/MET/AIS is being circulated, including amendments to Tables MET 1A, MET 1B, MET 2A, MET 2B, MET 3B and MET 7. MET section of this amendment is included as **Appendix C** to this working paper.

2.2 CAR/SAM FASID Table MET 1A

Simplification of the format of FASID CAR/SAM Table MET 1A

2.2.1 As the meeting may know, CAR/SAM FASID Table MET 1A currently includes information for the provision of TAF and TREND forecasts which are subject to formal regional agreements RAN. The meeting will be aware that, in particular, Column 2 (“use of the aerodrome”), Column 6 (“area of coverage of charts”) and Column 7 (“AFTN routing areas of destination”) are redundant due to the following reasons:

a) Column 2 simply repeats information which is already included in CAR/SAM ANP/FASID AOP Table; and

b) Columns 6 and 7 do not reflect a RAN agreement and are no longer relevant since global sets of WAFS forecasts and OPMET data are being provided through SADIS and ISCS broadcasts.

2.2.2 In this regard**,** the deletion of Columns 2, 6 and 7 of CAR/SAM Table MET 1A is suggested to the meeting, and that with these simplifications the database would be called “TAF and TREND Forecasts to be issued at international aerodromes”. However, and in order to keep an updated list of the requirements of these forecasts, the meeting could agree to include an Appendix with an operational table with the operational requirements for TAF and TREND forecasts in the Guide for OPMET exchange, which is being developed by the AERMETSG COM/MET Task Force.

2.2.3 Furthermore, based on paragraph 1.3 above, the meeting could agree that with the introduction of the global database, it would be redundant and in some cases could lead to errors, if the requirements related with forecasts (TAF and TREND) provided by international aerodromes are repeated in CAR/SAM FASID Table MET 1A. Therefore, the subgroup could agree to delete and simply provide a link (i.e. a URL address) to the global database, under the heading of CAR/SAM FASID Table MET 1A. In other words, the global database would replace CAR/SAM FASID Tables MET 1A.

2.2.4 Based on the afore-mentioned, the meeting could agree to formulate the following draft conclusion:

DRAFT
CONCLUSION 8/XX - CAR/SAM FASID TABLE MET 1A

That CAR/SAM FASID Table MET 1A is amended so as to:

a) delete Column 2 ("the use of the aerodrome"), Column 6 ("area of coverage of charts") and Column 7 ("AFTN routing areas of destination"); and

b) CAR/SAM FASID Table MET 1A is conformed only by an URL link to the global database "Forecasts (TAF and TREND) to be issued at international aerodromes" included under the heading of the Table.

Amendment procedure

2.2.5 Considering that numerous inconsistencies between the formal requirements and the real situation have been detected, the meeting could agree that the list of TAF and TREND to be issued at international aerodromes should be reviewed annually by each ICAO regional office and by each AERMETSG and GREPECAS meeting.

2.2.6 In addition, the subgroup could consider essential that all the changes be endorsed by the users (IATA, IFALPA) since TAF and TREND should be issued in response to user requirements. At the same time, formal amendments as contained in the global FASID MET Table 1A pertaining to CAR/SAM regions should be undertaken by NACC and SAM regional offices, and the consultation process should involve IATA and IFALPA. As soon as the formal amendment proposal has been finalized, the offices concerned should refer the amendments to the MET Section which would update the global data base accordingly.

2.2.7 If the meeting agrees, the full cycle should not last more than nine months and the updated database would be available by the end of each calendar year.

2.2.8 Under this context, the meeting could agree to formulate the following draft conclusion:

DRAFT
CONCLUSION 8/XX - AMENDMENT PROCEDURES OF TAF AND TREND REQUIREMENTS

That, in order to ensure the currency of information related to the provision of TAF and TREND forecasts to be included in the global database as from March 2007:

a) yearly consultations with CAR/SAM States/Territories concerning TAF and TREND issues be made during the month of March;

b) endorsement of the changes to the AERMETSG and GREPECAS, if the dates of the meetings so permit, be made in September each year;

c) formal consultations and amendments to CAR/SAM FASID be carried out to be finalized in November; and

d) Lima and Mexico regional offices refer the amendment to ICAO MET Section to update the global database in December, as required.

2.3 Tabla MET 2A del FASID CAR/SAM

2.3.1 In view of the developments mentioned in 1.6, an increasing number of the PIRGs (APIRG, APANPIRG and EANPG) have decided to replace the FASID Table MET 2A by Annex 1 to the *SADIS User Guide (SUG)*, which provides a global list of requirements for METAR/SPECI and TAF to be broadcasted on the aeronautical fixed service (AFS) satellite broadcasts. The data is applicable both for the SADIS and ISCS broadcasts.

2.3.2 Under this context, the meeting could agree to consider this possibility for inter-regional exchange and for intra-regional exchange consider an operational table with the requirements of OPMET exchange (METAR/SPECI and TAF) in the CAR/SAM regions to be included as an Appendix to the Guide for OPMET exchange being developed by the COM/MET Task Force of the subgroup.

2.3.3 The meeting will be aware that the database oriented format of Annex 1 to the SUG is being introduced, and will be kept up-to-date by the ICAO HQ MET Section and the most up-to-date version can be accessed, at all times, from the open SADISOPSG website. In this regard, it will be coupled with the new database "Forecasts (TAF and TREND) to be issued at international aerodromes", i.e. the two databases should remain compatible at all times. The subgroup could agree that there is no need to repeat the data base in the CAR/SAM ANP Basic/FASID, and that a simple link (i.e. a URL address) to the global data base under the heading of CAR/SAM FASID Table MET 2A would be enough, for which the following draft conclusion could be formulated:

DRAFT
CONCLUSION 8/XX - CAR/SAM FASID TABLA MET 2A

That:

a) the CAR/SAM FASID Table MET 2A be amended so as to be conformed only by an URL link to the global database "OPMET information (METAR/SPECI and TAF) required to be available in the ISCS and SADIS" included under the heading of same; and

b) an operational table with the requirements of OPMET exchange (METAR/SPECI and TAF) in CAR/SAM States/Territories is included as Appendix to the CAR/SAM Guide for OPMET exchange being developed by the COM/MET Task Force of the AERMETSG.

Amendment procedure

2.3.4 Concerning the updating of the information contained in Annex 1, the meeting should note that the situation varies depending on the nature of the OPMET data:

a) *METAR/SPECI requirements from AOP aerodromes*, remain stable and change only when the status of the aerodrome is altered (from AOP to non-AOP aerodrome or vice versa). The stability of this data can be attributed to the fact that normally all international AOP aerodromes are expected to issue METAR/SPECI (with few exceptions singled out in the Remarks column);

b) *TAF requirements from AOP aerodromes*, could change in the future annually, simultaneous to the update of FASID Table MET 1A, i.e. in the database "Forecasts (TAF and TREND) to be issued at international aerodromes" (WP/1 refers). The currency of Annex 1 to the SUG as far as TAF are concerned should in principle be easy, since any change to the global database stemming from the yearly consultation would automatically be reflected in Annex 1. In a data base environment, this update would take place automatically, with no need for human intervention; and

c) *OPMET information from non-AOP aerodromes*. The inclusion of this data is based on an agreement obtained from the State/Territory concerned. This agreement may date back to a number of years and has seldom been subject to a subsequent reconfirmation. To ensure the currency of OPMET information related to these aerodromes, it may be desirable to seek reconfirmation on a regular basis related to the continued availability OPMET data from these aerodromes listed in Annex 1.

Note. — With regard to OPMET data from non-AOP aerodromes, additional requirements may be formulated by the SADISOPSG; these requirements will be subject to a customary consultation with the States/Territories concerned, before their inclusion in Annex 1.

2.3.5 In conclusion, to guarantee the currency of the information included in Annex 1 to the SUG, specific action is required only in relation to OPMET data from non-AOP aerodromes. In this regard, the meeting could agree to formulate the following draft conclusion:

DRAFT
CONCLUSION 8/XX - CURRENCY OF THE INFORMATION OF THE OPMET DATA (METAR/SPECI Y TAF)

That, in order to guarantee the currency of the OPMET database (METAR/SPECI and TAF) required to be available on the ISCS and SADIS, as of March 2007, the Lima and Mexico regional offices annually reconfirm the agreements with the States/Territories concerned, regarding the provision of OPMET data included in Annex 1 to the SADIS User Guide (SUG), of CAR/SAM FASID non-AOP aerodromes.

2.4 Title of the data base

2.4.1 The meeting could take note that during the First Meeting of Regional Officers/Meteorology (RO/MET/1), to be held in Paris, France, from 29 to 30 September 2006, it is being proposed that the database be referred to as "OPMET information (METAR/SPECI and TAF) required to be available on the ISCS and SADIS", since the purpose of the information included in Annex 1 to the SUG, is applicable to all the regions.

2.5 CAR/SAM FASID Table MET 2 B

2.5.1 The meeting will be aware of the fact that no detailed requirements are listed in Annex 1 to the SADIS User Guide (SUG) concerning SIGMET. However, all SIGMET are required to be disseminated by the MWOs to the SADIS and ISCS uplink stations, in accordance with Annex 3, Appendix 6, 1.2.2. If the standard is fully implemented, it could be postulated that all States receive the global set of SIGMET. The RAN agreement called for by Appendix 6, 1.2.2 is reflected in:

a) the Basic Operational Requirements and Planning Criteria (BORPC) for the regional planning of air navigation, cover the needs by ATS units; and

b) the regional MET provision calling for each MWO to arrange for the transmission to all aerodrome meteorological offices within its associated FIR of its own SIGMET and relevant SIGMET messages for other FIRs, as required for briefing and, where appropriate, for flight documentation.

2.5.2 Under these circumstances, the meeting could agreed that whilst the provisions related to SIGMET be retained in the CAR/SAM ANP (BORPC and MET provisions), the CAR/SAM FASID Table MET 2B could be deleted and, therefore, formulate the following draft conclusion:

DRAFT
CONCLUSION 8/XX - CAR/SAM FASID TABLE MET 2B

That,

a) CAR/SAM FASID Table MET 2A be deleted; and

b) an operational table listing SIGMET requirements in CAR/SAM Status/Territories be included as an Appendix to the CAR/SAM SIGMET Guide.

3. Action by the meeting

3.1 The meeting is invited to:

a) take note of the contents of this paper; and

b) consider Draft Conclusions of paragraphs 2.2.4, 2.2.8, 2.3.3 y 2.5.2.

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APPENDIX A

Part VI

METEOROLOGY (MET)

Basic

INTRODUCTION

1. This part of the CAR/SAM Basic Air Navigation Plan contains elements of the existing planning system and introduces the basic planning principles, operational requirements and planning criteria related to aeronautical meteorology (MET) as developed for the CAR/SAM Regions and considered to be the minimum necessary for effective planning of MET facilities and services. A detailed description/list of the facilities and/or services to be provided by States in order to fulfill the requirements of the Basic ANP is contained in the CAR/SAM Facilities and Services Implementation Document (FASID). During the transition and pending full implementation of the future CNS/ATM systems, it is expected that the existing requirements will gradually be replaced by the new CNS/ATM related requirements. Further, it is expected that some elements of the CNS/ATM systems will be subject to amendment, as necessary, on the basis of experience gained in their implementation.

2. The Standards, Recommended Practices and Procedures to be applied are contained in Annex 3 C *Meteorological Service for International Air Navigation.*

3. Background information of importance in the understanding and effective application of the plan is contained in the *Report of the Third Caribbean/South American Regional Air Navigation Meeting* (Doc 9749), supplemented by information appropriate to the CAR/SAM Regions which is contained in the reports of the other regional air navigation meetings.

4. RAN meeting recommendations or conclusions, CAR/SAM Regional Planning and Implementation Group (GREPECAS) conclusions and ICAO operations groups conclusions shown in brackets below a heading indicate the origin of all paragraphs following that heading. RAN Meeting recommendations or conclusions, GREPECAS conclusions and ICAO operations groups conclusions shown in brackets below a paragraph indicate the origin of that particular paragraph.

METEOROLOGICAL SERVICE REQUIRED AT AERODROMES AND REQUIREMENTS FOR METEOROLOGICAL WATCH OFFICES

(FASID Tables MET 1A and MET 1B).

5. The service to be provided at international aerodromes listed in the Appendix to Part III of the Basic CAR/SAM ANP is set out in FASID Table MET 1A.
[CAR/SAM/3, Rec. 7/7]

6. The service to be provided for flight information regions (FIRs), upper flight information regions (UIRs), control areas (CTAs) and search and rescue regions (SRRs) is set out in FASID Table MET 1B.
[CAR/SAM/3, Rec. 7/7]

7. Hourly routine observations should be made at all aeronautical meteorological stations, to be issued as local routine reports and METAR, together with special observations to be issued as local special reports and SPECI.
[GREPECAS Conclusion 13/31 a)]

8. Aerodrome forecasts should be issued as TAF normally at intervals of 6 hours, with the period of validity beginning at one of the main synoptic hours (00, 06, 12, 18 UTC). The period of validity should be of 24 hours duration, to meet the requirements indicated in FASID Table MET 1A. The filing time of the forecasts should be approximately two hours before the start of the period of validity.
[GREPECAS Conclusion 12/65]

9. The forecast maximum and minimum temperature together with their respective times of occurrence should be included in TAF for certain aerodromes as agreed between the meteorological authorities and the operators concerned.
[GREPECAS Conclusion. 13/31 a)]

10. Trend forecasts should be provided at the aerodromes as indicated in FASID Table MET 1A.
[CAR/SAM/3, Rec. 7/7]

11. Meteorological service should be provided on a 24-hour basis, except as otherwise agreed between the meteorological authority, the air traffic services authority and the operators concerned.
[CAR/SAM/3, Rec. 7/7]

12. At aerodromes with limited hours of operation, METAR should be issued at least [1] hour prior to the aerodrome resuming operations to meet pre-flight and in-flight planning requirements for flights due to arrive at the aerodrome concerned as soon as it is opened for use. Furthermore, TAF should be issued with adequate periods of validity so that they cover the entire period during which the aerodrome is open for use.
[GREPECAS Conclusion 13/31 a)]

13. When a meteorological watch office (MWO) is temporarily not functioning or is not able to meet all its obligations, its responsibilities should be transferred to another MWO and a NOTAM should be issued to indicate such a transfer and the period during which the office is unable to fulfil all its obligations.
[CAR/SAM/3, Rec. 7/7]

14. Details of the service provided should be indicated in Aeronautical Information Publications in accordance with the provisions of Annex 15.
[CAR/SAM/3, Rec. 7/7]

15. As far as possible, English should be among the languages used in meteorological briefing and consultation.
[CAR/SAM/3, Rec. 7/7]

16. FASID Tables MET 1A and MET 1B should be implemented as soon as possible, in the understanding that only those parts of the briefing and documentation called for in column 7 of FASID Table MET 1A that are required for current operations need to be available, and that the implementation of new MWO or changes to the area served by existing MWO indicated in FASID Table MET 1B, columns 1 and 3 respectively, should take place coincidentally with the implementation of, or changes to, the FIR/UIR/CTA/SRR concerned.
[CAR/SAM/3, Rec. 7/7]

AIRCRAFT OBSERVATIONS AND REPORTS

(FASID Table MET 1B)

17. The meteorological authority should adopt the approved list of ATS/MET reporting points, as it relates to points located within and on the boundaries of the FIR for which the State is responsible. Those ATS/MET reporting points should be published in the Aeronautical Information Publication (AIP), under GEN 3.5.6 C *Aircraft reports*, of the State concerned.
[CAR/SAM/3 Rec. 7/13]

Note. C The approved list of ATS/MET reporting points is published and kept up to date by the ICAO Regional Offices concerned, on the basis of consultations with ATS and MET authorities in each State and the provisions of Annex 3 in this respect.

18. The meteorological watch office (MWO) designated as the collecting centre for air-reports received by voice communications within the FIR/UIR for which they are responsible, is shown in FASID Table MET 1B, Column 1.
[CAR/SAM/3 Rec. 7/13]

SIGMET AND AIRMET INFORMATION

(FASID Tables MET 3A, MET 3B and MET 3C)

19. The period of validity of SIGMET messages should not exceed 4 hours. In the special case of SIGMET messages for volcanic ash cloud and tropical cyclones, the validity period should be extended up to 6 hours and an outlook should be added giving information for an additional period of up to 12 hours, concerning the trajectory of the volcanic ash cloud and positions of the centre of the tropical cyclone, respectively.
[IAVWOPSG, Conclusion 1/1]

20. In order to assist MWOs in the preparation of the outlook included in SIGMET messages for tropical cyclones, tropical cyclone advisory centre (TCAC) Miami has been designated to prepare the required advisory information and disseminate it to the MWOs concerned in the CAR/SAM Regions. FASID Table MET 3A sets out the area of responsibility, the periods of operation of the TCAC and the MWOs to which the advisory information should be sent. Advisory information should be issued for those tropical cyclones in which the surface wind speed averaged over 10

minutes is expected to equal or exceed 63 km/h (34 kt).
[GREPECAS, Conclusion 10/41 c)]

21. In order to assist MWOs in the preparation of the outlook included in SIGMET messages for volcanic ash, volcanic ash advisory centres (VAACs) Buenos Aires and Washington have been designated to prepare the required advisory information and disseminate it to MWOs and ACCs concerned following notification/detection of the ash cloud. FASID Table MET 3B sets out the area of responsibility of the VAACs, and the MWOs and ACCs to which the advisory information should be sent.
[IAVWOPSG, Conclusion 1/1]

22. In order for the VAACs to initiate the monitoring of volcanic ash from satellite data and the forecast of volcanic ash trajectories, MWOs should notify the relevant VAAC immediately on receipt of information that a volcanic eruption has occurred or volcanic ash has been observed in the FIR for which they are responsible. In particular, any special air-reports of pre-eruption volcanic activity, a volcanic eruption or volcanic ash cloud, received by MWOs should be transmitted without delay to the VAAC concerned. Selected State volcano observatories have been designated for direct notification of significant pre-eruption volcanic activity, a volcanic eruption and/or volcanic ash in the atmosphere to their corresponding ACC, MWO and VAAC. FASID Table MET 3C sets out the selected State volcano observatories and VAACs, MWOs and ACCs to which the notification should sent by the observatories.
[IAVWOPSG, Conclusion 1/1, Conclusion 2/2]

23. AIRMET messages are not required to be issued by MWOs.
[CAR/SAM/3, Rec. 7/7]

EXCHANGE OF OPERATIONAL METEOROLOGICAL INFORMATION
(FASID Tables MET 2A and MET 2B)

International OPMET data banks

24. The International OPMET data banks in Brasilia Washington have been designated to serve States in the CAR/SAM Regions to access OPMET information, which is required but not received.
[GREPECAS Conclusion. 13/31 a)]

Exchange of —METAR, SPECI and TAF

25. METAR, SPECI and TAF which should be available at meteorological offices, area control centres and flight information centres is contained in FASID Table MET 2A. This table should be updated, as necessary, by the ICAO Regional Offices concerned on the basis of changes in the pattern of aircraft operations and in accordance with the Statement of Basic Operational Requirements and Planning Criteria, in consultation with those States and international organizations directly concerned.
[CAR/SAM/3, Rec. 8/3]

26. The exchanges indicated in FASID Table MET 2A should be implemented as soon as possible to meet the requirements of current aircraft operations. The availability at meteorological offices of the required OPMET information should be reviewed continuously. Any changes in this respect (i.e. additional OPMET information needed or OPMET information no longer required) should be notified to the corresponding meteorological authority which, in turn, should amend its corresponding address lists and inform the ICAO Regional Offices.
[CAR/SAM/3, Rec. 8/3]

Exchange of SIGMET information and air-reports

27. The exchange requirements for SIGMET~~s~~ and special air-reports are contained in FASID Table MET 2B. This table should be updated, as necessary, by the ICAO Regional Offices concerned on the basis of changes in the pattern of aircraft operations, and in accordance with the Statement of Basic Operational Requirements and Planning Criteria, and in consultation with those States and international organizations directly concerned.
[CAR/SAM/3, Rec. 8/3]

28. Each MWO should arrange for the transmission to all aerodrome meteorological offices within its associated FIR of its own SIGMET messages and relevant SIGMET messages for other FIRs, as required for briefing and, where appropriate, for flight documentation.
[CAR/SAM/3, Rec. 7/7]

29. Each MWO should arrange for the transmission to its associated ACC/FIC of SIGMET messages and special air-reports received from other MWOs.
[CAR/SAM/3, Rec. 7/7]

30. Each MWO should arrange for the transmission of routine air-reports received by voice communications to all meteorological offices within its associated FIR. Special air-reports which do not warrant the issuance of a SIGMET should be disseminated by MWO in the same way as SIGMET messages, in accordance with FASID Table MET 2B.
[CAR/SAM/3 Rec. 7/13]

WORLD AREA FORECAST SYSTEM (WAFS)

(FASID Tables MET 5, MET 6 and MET 7)

31. FASID Table MET 5 sets out the CAR/SAM Regions requirements for WAFS forecasts to be provided by WAFC Washington.
[WAFSOPSG, Conclusion 1/2]

32. The levels for which forecasts of SIGWX in chart form are to be provided by the WAFC Washington and the areas to be covered by these charts are indicated in FASID Table MET 5.
[WAFSOPSG, Conclusion 1/2]

Note.- WAFCs will continue to issue forecasts of SIGWX in chart form until 30 November 2006.

33. FASID Table MET 6 sets out the responsibilities of WAFCs London and Washington for the production of WAFS forecasts. For back-up purposes, each WAFC should have the capability to produce WAFS forecasts for all the required areas of coverage.
[WAFSOPSG, Conclusion 1/2]

34. The projection of the WAFS forecasts in chart form and their areas of coverage should be as indicated in FASID Charts MET 4, MET 5 and MET 6 associated with FASID Table MET 6; their scale should be 1:20 X 10^6, true at 22.5° in the case of charts in the Mercator projection, and true at 60° latitude in the case of charts in the polar stereographic projection.
[WAFSOPSG, Conclusion 1/2]

Note- WAFCs will continue to issue forecasts of SIGWX in chart form until 30 November 2006.

35. WAFS products should be disseminated by WAFC Washington using the international satellite communications system (ISCS1) covering the reception area shown in FASID Chart CNS [4].
[WAFSOPSG, Conclusion 2/2]

36. The amendment service to the SIGWX forecasts issued by WAFCs London and Washington should be by means of amended BUFR files disseminated through ISCS1.
[WAFSOPSG, Conclusion 1/2]

37. Each State should make the necessary arrangements to receive and make full operational use of WAFS products disseminated by WAFC Washington. FASID Table MET 7 lists the authorized users of the ISCS1 satellite broadcast in the CAR/SAM Regions and location of the operational VSATs.
[WAFSOPSG, Conclusion 1/2]

APPENDIX B

Part VI

METEOROLOGY (MET)

FASID

INTRODUCTION

1. The Standards, Recommended Practices and Procedures to be applied are as listed in paragraph 2, Part VI C MET of the CAR/SAM Basic ANP. The material in this part complements that contained in Part I C 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
and FASID Chart MET 1)

3. The meteorological service to be provided to meet the requirements of international flight operations is outlined in FASID Table MET 1A. AFTN routing areas identified by the letters in FASID Table MET 1A are shown on FASID Chart MET 1. 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 Tables MET 2A and MET 2B)

4. The requirements for the exchange of reports in the METAR/SPECI code forms and aerodrome forecasts in the TAF code form to satisfy international flights operations in the CAR/SAM regions are shown in FASID Table MET 2A.

5. FASID Table MET 2B contains the exchange requirements in the CAR/SAM regions for SIGMET messages and special air-reports.

TROPICAL CYCLONE AND VOLCANIC ASH ADVISORY CENTRES

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

6. The area of responsibility, the period 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 2.

7. The areas of responsibility of the volcanic ash advisory centres (VAAC), Buenos Aires and Washington, the MWOs and ACCs 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 3.

8. 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.C 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) C 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 AClouds@ *(Doc 9691).*

WORLD AREA FORECAST SYSTEM (WAFS)

(FASID Tables MET 5, MET 6 and MET 7 and
FASID Charts MET 4, MET 5 and MET 6)

9. FASID Table MET 5 sets out the CAR/SAM regions= requirements for WAFS forecasts to be provided by WAFC Washington.

10. FASID Table MET 6 sets out the responsibilities of WAFCs London and Washington for the production of WAFS forecasts. The fixed areas of coverage of WAFS forecasts in chart form are shown on FASID Charts MET 4, MET 5 and MET 6.

Note - WAFCs will continue to issue forecasts of SIGWX in chart form until 30 November 2006.

11. FASID Table MET 7 lists the authorized users of the ISCS1 satellite broadcast in the CAR/SAM regions and location of the operational VSATs. The table is included in the FASID for information purposes and kept up-to-date by the Regional Offices concerned.

Table MET 1A - Tableau MET 1A - Tabla MET 1A

METEOROLOGICAL SERVICE REQUIRED AT AERODROMES
ASSISTANCE MÉTÉOROLOGIQUE À METTRE EN ŒUVRE AUX AÉRODROMES
SERVICIO METEOROLÓGICO REQUERIDO EN LOS AERÓDROMOS

EXPLANATION OF THE TABLE

Column	
1	Name of the aerodrome or location where meteorological service is required
2	Designation of aerodrome: RS - international scheduled air transport, regular use RNS - international non-scheduled air transport, regular use RG - international general aviation, regular use AS - international scheduled air transport, alternate use
3	ICAO location indicator of the aerodrome
4	Name of the meteorological office responsible for the provision of meteorological service at the aerodrome concerned indicated in column 1
5	ICAO location indicator of the responsible meteorological office
6	Areas of coverage of charts required for flight documentation *Note.- Areas of coverage denoted by A, B1, F, etc., are shown on Charts MET 4, MET 5 and MET 6.*
7	AFTN routing areas to which flight documentation is required to be prepared *Note.- The AFTN routing areas are shown on Chart MET 1.*
8	Requirement for trend forecasts
9	Requirement for 18-hour validity aerodrome forecasts in TAF code
10	Requirement for 24-hour validity aerodrome forecasts in TAF code

EXPLICACIÓN DE LA TABLA

Columna

1 Nombre del aeródromo o lugar en el que se requieren servicios meteorológicos

2 Designación del aeródromo como:

RS - utilizado como aeródromo regular por el transporte aéreo internacional regular
RNS - utilizado como aeródromo regular por el transporte aéreo internacional no regular
RG - utilizado como aeródromo regular por la aviación general internacional
AS - utilizado como aeródromo de alternativa por el transporte aéreo internacional regular

3 Indicador de lugar de la OACI asignado al aeródromo

4 Nombre de la oficina meteorológica encargada de proporcionar servicios meteorológicos en el aeródromo en cuestión, indicado en la columna 1

5 Indicador de lugar de la OACI de la oficina asignado a la oficina meteorológica encargada

6 Zonas de cobertura de los mapas necesarios para la documentación de vuelo

Nota.- Las zonas de cobertura denominada con las letras A, B1, F, etc., aparecen en las Cartas MET 4, MET 5 y MET 6.

7 Áreas de encaminamiento AFTN para las que debe prepararse documentación de vuelo

Nota.- Las áreas de encaminamiento AFTN figuran en la Carta MET 1.

8 Requisitos para expedir pronósticos de aterrizaje de tipo tendencia

9 Requisitos para expedir pronósticos de aeródromo en clave TAF con un período de validez de 18 horas

10 Requisitos de expedir pronósticos de aeródromo en clave TAF con un período de validez de 24 horas

Table MET 1A – Tableau MET 1A – Tabla MET 1A

Aerodrome where service is required Aérodrome où le service doit être assuré Aeródromo donde se requiere el servicio			Responsible MET Office Centre MET responsable Oficina MET responsable		Areas of coverage of charts Zones de couverture des cartes Zonas de cobertura de los mapas					AFTN routing areas of destination Zones de routage du RSFTA Áreas de encaminamiento AFTN	Forecasts to be provided Prévisions à fournir Pronósticos a suministrar		
Name Nom Nombre	Use Vocation Uso	ICAO loc. ind. Ind. d'empl. OACI Ind. lugar OACI	Name Nom Nombre	ICAO loc. ind. Ind. d'empl. OACI Ind. lugar OACI	A	B1	F	H	Other Autre Otra		Trend Tendance Tendencia	TAF 18h	TAF 24h
1	2	3	4	5	6					7	8	9	10
ANGUILLA (United Kingdom)						X							
THE VALLEY/Wallblake Anguilla I.	RS	TQPF	SAINT JOHNS/V.C. Bird, Antigua I.	TAPA						M,T			X
ANTIGUA AND BARBUDA						X	X						
SAINT JOHNS/V.C. Bird, Antigua I.	RS	TAPA	SAINT JOHNS/V.C. Bird, Antigua I.	TAPA						C,E,K,T			X
ARGENTINA					X	X			J				
BUENOS AIRES/Aeroparque Jorge Newbery	RS	SABE	BUENOS AIRES/Aeroparque Jorge Newbery	SABE						S			X
BUENOS AIRES/Don Torcuato	RG	SADD	BUENOS AIRES/Aeroparque Jorge Newbery	SABE						S			X
BUENOS AIRES/Ezeiza Ministro Pistarini	RS	SAEZ	BUENOS AIRES/Ezeiza Ministro Pistarini	SAEZ						C,E,G,K,L,M,N,S,T	X		X
BUENOS AIRES/San Fernando	RG	SADF	BUENOS AIRES/Aeroparque Jorge Newbery	SABE						S			X
CATARATAS DEL IGUAZÚ/My. D. Carlos Eduardo Krause	RNS&AS	SARI	RESISTENCIA/Resistencia	SARE						S			X
COMODORO RIVADAVIA /General Mosconi	RS	SAVC	COMODORO RIVADAVIA/ General Mosconi	SAVC						S			X
CORDOBA/Ing. Aer. A.L. Taravela	RS	SACO	CORDOBA/Ing. Aer. A.L. Taravela	SACO						S			X
FORMOSA/Formosa	RG	SARF	RESISTENCIA/Resistencia	SARE						S			X
JUJUY/Gobernador Guzmán	RS	SASJ	CORDOBA/Ing. Aer. A.L. Taravela	SACO						S			X
MAR DEL PLATA/ Bgdier. Gral. B. de la Colina	RG&AS	SAZM	BUENOS AIRES/Aeroparque Jorge Newbery	SABE						S			X
MENDOZA/El Plumerillo	RS	SAME	MENDOZA/El Plumerillo	SAME						S			X
NEUQUEN/ Presidente Perón	RNS&AS	SAZN	BUENOS AIRES/Aeroparque Jorge Newbery	SABE						S			X
POSADAS/Libertador Gral. D. José de San Martín	RNS	SARP	RESISTENCIA/Resistencia	SARE						S			X
RESISTENCIA/Resistencia	RNS&AS	SARE	RESISTENCIA/Resistencia	SARE						S			X
RIO GALLEGOS/ Piloto Civil N. Fernández	RS	SAWG	COMODORO RIVADAVIA/General Mosconi	SAVC						N,S			X
RIO GRANDE/Río Grande	RNS&AS	SAWE	COMODORO RIVADAVIA/General Mosconi	SAVC						S			X
ROSARIO/Rosario	RS	SAAR	BUENOS AIRES/Aeroparque Jorge Newbery	SABE						S			X
SALTA/Salta	RS	SASA	CORDOBA/Ing. Aer. A.L. Taravela	SACO						S			X
SAN CARLOS DE BARILOCHE/ San Carlos de Bariloche	RNS&AS	SAZS	BUENOS AIRES/Aeroparque Jorge Newbery	SABE						S			X

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Name Nom Nombre	Use Vocation Uso	ICAO loc. ind. Ind. d'empl. OACI Ind. lugar OACI	Name Nom Nombre	ICAO loc. ind. Ind. d'empl. OACI Ind. lugar OACI	A	B1	F	H	Other Autre Otra		Trend Tendance Tendencia	TAF 18h	TAF 24h
1	2	3	4	5	6					7	8	9	10
TUCUMAN/Tte. Benjamin Matienzo	RS	SANT	CORDOBA/Ing. Aer. A.L. Taravela	SACO						S			X
USHUAIA/Malvinas Argentinas	RNS&AS	SAWH	COMODORO RIVADAVIA/General Mosconi	SAVC						S			X
ARUBA (Netherlands)						X							
ORANJESTAD/Reina Beatrix, Aruba I.	RS	TNCA	WILLEMSTAD/Hato, Curacao I.	TNCC						E,K,M,S,T			X
BAHAMAS					X	X							
ALICE TOWN/South Bimini, Bimini I.	RS	MYBS	NASSAU/Nassau Intl, New Providence I.	MYNN						K,M			X
COCKBURN TOWN/San Salvador I.	RS	MYSM	NASSAU/Nassau Intl, New Providence I.	MYNN						K,M			X
FREEPORT/Freeport Intl, Grand Bahama I.	RS	MYGF	FREEPORT /Freeport Intl, Grand Bahama I.	MYGF						C,K,M			X
GEORGE TOWN/George Town, Exuma I.	RS	MYEG	NASSAU/Nassau Intl, New Providence I.	MYNN						K,M			X
GOVERNOR'S HARBOUR/ Governor's Harbour, Eleuthera I.	RS	MYEM	NASSAU/Nassau Intl, New Providence I.	MYNN						K,M,T			X
MARSH HARBOUR/Marsh Harbour, Abaco I.	RS	MYAM	NASSAU/Nassau Intl, New Providence I.	MYNN						K,M			X
NASSAU/Nassau Intl, New Providence I.	RS	MYNN	NASSAU/Nassau Intl, New Providence I.	MYNN						C,E,K,M,T			X
NORTH ELEUTHERA/North Eleuthera, Eleuthera I.	RS	MYEH	NASSAU/Nassau Intl, New Providence I.	MYNN						K,M			X
STELLA MARIS/Long Island I.	RS	MYLS	NASSAU/Nassau Intl, New Providence I.	MYNN									
TREASURE CAY/Treasure Cay, Abaco I.	RS	MYAT	NASSAU/Nassau Intl, New Providence I.	MYNN						C,K			X
WEST END/West End, Grand Bahama I.	RNS& AS	MYGW	NASSAU/Nassau Intl, New Providence I.	MYNN						C,K			X
BARBADOS					X	X							
BRIDGETOWN/Grantley Adams Intl	RS	TBPB	BRIDGETOWN/Grantley Adams Intl	TBPB						B,C,E,G,K,L,M, S,T	X		X
BELIZE						X							
BELIZE/Philip S.W. Goldson Intl	RS	MZBZ	BELIZE/ Philip S.W. Goldson Intl	MZBZ						K,M			X
BOLIVIA					X	X							
COCHABAMBA/Jorge Wilsterman	AS	SLCB	COCHABAMBA/Jorge Wilsterman	SLCB						S	X		X
LA PAZ/El Alto	RS	SLLP	LA PAZ/El Alto	SLLP						K,M,S	X		X
SANTA CRUZ/Viru-Viru	RS	SLVR	SANTA CRUZ/Viru-Viru	SLVR						K,M,S	X		X

Aerodrome where service is required Aérodrome où le service doit être assuré Aeródromo donde se requiere el servicio			Responsible MET Office Centre MET responsable Oficina MET responsable		Areas of coverage of charts Zones de couverture des cartes Zonas de cobertura de los mapas					AFTN routing areas of destination Zones de routage du RSFTA Áreas de encaminamiento AFTN	Forecasts to be provided Prévisions à fournir Pronósticos a suministrar		
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1	2	3	4	5	6					7	8	9	10
TARIJA/Oriel Lea Plaza	RNS&AS	SLTJ	COCHABAMBA/Jorge Wilsterman	SLCB						S			X
TRINIDAD/Tte.Av. Jorge Henrich Arauz	AS	SLTR	LA PAZ/El Alto	SLLP						S	X		X
BRAZIL					X	X							
BELEM/Val de Caes	RS	SBBE	BELEM/Val de Caes	SBBE						K,S	X		X
BELO HORIZONTE/Tancredo Neves	RS	SBCF	RIO DE JANEIRO/Antonio Carlos Jobim Intl	SBGL						S			X
BOA VISTA/Boa Vista Intl	RS	SBBV	MANAUS/ Eduardo Gomes	SBEG						K,S,T			X
BRASILIA/Brasília Intl	RS	SBBR	BRASILIA/Brasília Intl	SBBR						K,S	X		X
CAMPINAS/Viracopos	RS	SBKP	SAO PAULO/Guarulhos Intl	SBGR						G,L,S			X
CAMPO GRANDE/Campo Grande Intl	RS	SBCG	PORTO ALEGRE/Salgado Filho	SBPA						S			X
CORUMBA/Corumba Intl	RS	SBCR	PORTO ALEGRE/Salgado Filho	SBPA						S			X
CRUZEIRO DO SUL/Cruzeiro do Sul Inl	RS	SBCZ	MANAUS/Eduardo Gomes	SBEG						S			X
CUIABA/Marechal Rondon	RS	SBCY	BRASILIA/Brasília Intl	SBBR						S			X
CURITIBA/Afonso Pena	RS	SBCT	PORTO ALEGRE/Salgado Filho	SBPA						S			X
FLORIANÓPOLIS/Hercílio Luz Intl	RS	SBFL	PORTO ALEGRE/Salgado Filho	SBPA						S			X
FORTALEZA/Pinto Martins	RS	SBFZ	RECIFE/Guararapes	SBRF						S			X
FOZ DO IGUAÇU/Cataratas	RS	SBFI	PORTO ALEGRE/Salgado Filho	SBPA						S			X
MACAPA/Macapa Intl	RS	SBMQ	BELEM/Val de Caes	SBBE						S			X
MACEIO/Zumbi dos Palmares Intl.		SBMO	RECIFE/Guararapes	SBRF						S			X
MANAUS/Eduardo Gomes	RS	SBEG	MANAUS/Eduardo Gomes	SBEG						K,M,S,T	X		X
NATAL/Augusto Severo	AS	SBNT	RECIFE/Guararapes	SBRF						S			X
PONTA PORA/Ponta Pora Intl	RS	SBPP	PORTO ALEGRE/Salgado Filho	SBPA						S			X
PORTO ALEGRE/Salgado Filho	RS	SBPA	PORTO ALEGRE/Salgado Filho	SBPA						S	X		X
RECIFE/Guararapes	RS	SBRF	RECIFE/Guararapes	SBRF						E,G,K,L,S	X		X
RIO DE JANEIRO/Galeao, Antonio Carlos Jobim Intl	RS	SBGL	RIO DE JANEIRO/Galeao, Antonio Carlos Jobim Intl	SBGL						C,D,E,F,G,K,L, M,S,T	X		X
SALVADOR/Deputado Luis Eduardo Magalhaes	RS	SBSV	RECIFE/Guararapes	SBRF						D,E,S			X

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1	2	3	4	5	6					7	8	9	10
SANTAREM/Santarém Intl	AS	SBSN	BELEM/Val de Caes	SBBE						S			X
SAO LUÍS/Marechal Cunha Machado	AS	SBSL	BELEM-Val de Caes	SBBE						S			X
SAO PAULO/Guarulhos Intl	RS	SBGR	SAO PAULO/Guarulhos Intl	SBGR						G,K,L,M,S	X		X
TABATINGA/Tabatinga Intl	RS	SBTT	MANAUS/Eduardo Gomes	SBEG						S			X
URUGUAIANA/Rubem Berta	RS	SBUG	PORTO ALEGRE/Salgado Filho	SBPA						S			X
CAYMAN ISLANDS (United Kingdom)						X							
CAYMAN BRAC/Gerrard Smith Intl	RS	MWCB	MIAMI/Intl	KMIA						K			X
GEORGETOWN/Owen Roberts Intl	RS	MWCR	GEORGETOWN/Owen Roberts Intl	MWCR						C,K,M,S			X
CHILE					X	X	X						
ANTOFAGASTA/Cerro Moreno	AS	SCFA	ANTOFAGASTA/Cerro Moreno	SCFA						S	X		X
ARICA/Chacalluta	RS	SCAR	ANTOFAGASTA/Cerro Moreno	SCFA						S	X		X
CONCEPCION/Carriel Sur	RS	SCIE	SANTIAGO/Arturo Merino Benítez	SCEL						S	X		X
IQUIQUE/Gral Diego Aracena Intl.	RS	SCDA	ANTOFAGASTA/Cerro Moreno	SCFA						S	X		X
PUERTO MONTT/El Tepual	RS	SCTE	PUERTO MONTT/El Tepual	SCTE						S	X		X
PUNTA ARENAS/Pdte. C. Ibañez del Campo	AS	SCCI	PUNTA ARENAS/Pdte. C. Ibáñez del Campo	SCCI						S	X		X
SANTIAGO/Arturo Merino Benitez	RS	SCEL	SANTIAGO/Arturo Merino Benítez	SCEL						C,K,M,N,S,T	X		X
COLOMBIA					X	X							
BARRANQUILLA/Ernesto Cortissoz	RS	SKBQ	BARRANQUILLA/Ernesto Cortissoz	SKBQ						K,M,S,T			X
CALI/Alfonso Bonilla Aragón	RS	SKCL	CALI/Alfonso Bonilla Aragón	SKCL						K,M,S			X
CARTAGENA/Rafael Núñez	RS	SKCG	CARTAGENA/Rafael Núñez	SKCG						C,K,M,S			X
CUCUTA/Camilo Daza	RNS&AS	SKCC	CUCUTA/Camilo Daza	SKCC						K			X
LETICIA/Alfredo Vásquez Cobo	RNS&AS	SKLT	SANTA FE DE BOGOTA/Eldorado	SKBO						C,E,K,L,M,S,T			X
RIONEGRO/José María Córdoba	RS	SKRG	RIONEGRO/José María Córdoba	SKRG						K,M,S,T			X
SAN ANDRES I./Sesquicentenario	RS	SKSP	SAN ANDRES I./Sesquicentenario	SKSP						K,M,S			X

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1	2	3	4	5	6					7	8	9	10
SANTA FE DE BOGOTA/Eldorado	RS	SKBO	SANTA FE DE BOGOTA/Eldorado	SKBO						C,E,K,L,M,S,T	X		X
COSTA RICA					X	X							
ALAJUELA/Juan Santamaría Intl	RS	MROC	ALAJUELA/Juan Santamaría Intl	MROC						C,K,M,S,T	X		X
LIBERIA/Daniel Oduber Quirós	RNS&AS	MRLB	ALAJUELA/Juan Santamaría Intl	MROC									X
LIMON/Limón Intl	RG	MRLM	ALAJUELA/Juan Santamaría Intl	MROC									X
PAVAS/Tobías Bolanos Intl	RG	MRPV	ALAJUELA/Juan Santamaría Intl	MROC									X
CUBA					X	X		X					
CAMAGUEY/Ignacio Agramonte	RS	MUCM	HABANA/José Martí Intl	MUHA						C,E,K,L,M,S,T			X
CAYO LARGO DEL SUR/Vilo Acuña	RS	MUCL	HABANA/José Martí Intl	MUHA						C,E,K,L,M,S,T			X
CIEGO DE AVILA/Maximo Gomez	RS	MUCA	HABANA/José Martí Intl	MUHA						C,E,K,L,M,S,T			X
HABANA/José Martí Intl	RS	MUHA	HABANA/José Martí Intl	MUHA						C,E,F,G,H,K,L,M,S,T			X
HOLGUIN/Frank País	RS	MUHG	HABANA/José Martí Intl	MUHA						C,E,K,L,M,S,T			X
SANTIAGO DE CUBA/Antonio Maceo	RS	MUCU	HABANA/José Martí Intl	MUHA						C,L,M,S,T			X
VARADERO/ Juan Gualberto Gómez	RS	MUVR	HABANA/José Martí Intl	MUHA						C,E,K,L,M,S,T			X
DOMINICA						X							
MELVILLE HALL/Dominica	RS	TDPD	BRIDGETOWN/Grantley Adams Intl	TBPB						T			X
ROSEAU/Canefield	RS	TDPR	BRIDGETOWN/Grantley Adams Intl	TBPB									X
DOMINICAN REPUBLIC					X	X							
BARAHONA/Arpto. Internacional María Montes	RS	MDBH	SANTO DOMINGO/De Las Américas Intl	MDSD									X
HERRERA/Arpto. Internacional de Herrera	RS	MDHE	SANTO DOMINGO/De Las Américas Intl	MDSD									X
LA ROMANA/La Romana Intl	RS	MDLR	SANTO DOMINGO/De Las Américas Intl	MDSD									X
PUERTO PLATA/Gregorio Luperón Intl	RS	MDPP	SANTO DOMINGO/De Las Américas Intl	MDSD									X
PUNTA CANA/Punta Cana Intl	RS	MDPC	SANTO DOMINGO/De Las Américas Intl	MDSD									X
SANTIAGO/Cibao Intl	RS	MDST	SANTO DOMINGO/De Las Américas Intl	MDSD									X

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1	2	3	4	5	6					7	8	9	10
SANTO DOMINGO/De Las Américas Intl	RS	MDSD	SANTO DOMINGO/De Las Américas Intl	MDSD						C,E,K,L,M,S,T	X		X
ECUADOR						X							
GUAYAQUIL/Simón Bolívar	RS	SEGU	GUAYAQUIL/Simón Bolívar	SEGU						K,M,S,T			X
LATACUNGA/Cotopaxi	RNS&AS	SELT	QUITO/Mariscal Sucre	SEQU						K,M,S,T			X
MANTA/Eloy Alfaro	RS	SEMT	QUITO/Mariscal Sucre	SEQU						K,M,S,T			X
QUITO/Mariscal Sucre	RS	SEQU	QUITO/Mariscal Sucre	SEQU						K,M,S,T	X		X
EL SALVADOR						X							
SAN SALVADOR/El Salvador Intl	RS	MSLP	SAN SALVADOR/El Salvador Intl	MSLP						K,M,S			X
SAN SALVADOR/Ilopango Intl	RG	MSSS	SAN SALVADOR/El Salvador Intl	MSLP						K,M,S			
FRENCH ANTILLES (France)					X	X							
FORT-DE-FRANCE/Le Lamentin, Martinique	RS	TFFF	FORT-DE-FRANCE/Le Lamentin, Martinique	TFFF						C,G,K,L,M,S,T	X		X
POINTE-A-PITRE/Le Raizet, Guadeloupe	RS	TFFR	POINTE-A-PITRE/Le Raizet, Guadeloupe	TFFR						C,G,K,L,M,S,T	X		X[*]
SAINT BARTHELEMY/ Saint Barthelemy, Guadeloupe	RS	TFFJ	POINTE-A-PITRE/Le Raizet, Guadeloupe	TFFR									X
SAINT MARTIN/Grand Case, Guadeloupe	RS	TFFG	POINTE-A-PITRE/Le Raizet, Guadeloupe	TFFR									X[*]
FRENCH GUIANA (France)						X							
CAYENNE/Rochambeau	RS	SOCA	CAYENNE/Rochambeau	SOCA						G, K,L,M,S,T	X		X
GRENADA						X							
LAURISTON/Carriacou I.	RS	TGPZ	SAINT GEORGES/Point Salines	TGPY									X
SAINT GEORGES/Point Salines,	RS	TGPY	SAINT GEORGES/Point Salines	TGPY						K,T			X
GUATEMALA					X								
FLORES/Flores Intl	RS	MGFL	GUATEMALA/La Aurora	MGGT									X
GUATEMALA/La Aurora	RS	MGGT	GUATEMALA/La Aurora	MGGT						K,M,S,T	X		X
PUERTO BARRIOS/Puerto Barrios	RG&AS	MGPB	GUATEMALA/La Aurora	MGGT									X

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[*] TAF issued on request by the Pointe-á-Pitre MET Office/ TAF emitido por la Oficina MET de Pointe-á-Pitre a solicitud.

Aerodrome where service is required Aérodrome où le service doit être assuré Aeródromo donde se requiere el servicio			Responsible MET Office Centre MET responsable Oficina MET responsable		Areas of coverage of charts Zones de couverture des cartes Zonas de cobertura de los mapas					AFTN routing areas of destination Zones de routage du RSFTA Áreas de encaminamiento AFTN	Forecasts to be provided Prévisions à fournir Pronósticos a suministrar		
Name Nom Nombre	Use Vocation Uso	ICAO loc. ind. Ind. d'empl. OACI Ind. lugar OACI	Name Nom Nombre	ICAO loc. ind. Ind. d'empl. OACI Ind. lugar OACI	A	B1	F	H	Other Autre Otra		Trend Tendance Tendencia	TAF 18h	TAF 24h
1	2	3	4	5	6					7	8	9	10
SAN JOSE/San José	RG&AS	MGSJ	GUATEMALA/La Aurora	MGGT									X
GUYANA					X								
TIMEHRI/Cheddi Jagan Intl	RS	SYCJ	TIMEHRI/Cheddi Jagan Intl	SYCJ						C,K,M,S,T	X		X
HAITI					X								
CAP HAITIEN/Cap Haitien Intl	RS	MTCH	PORT-AU-PRINCE/Port-au-Prince Intl	MTPP						M			X
PORT-AU-PRINCE/Port-au-Prince Intl	RS	MTPP	PORT-AU-PRINCE/Port-au-Prince Intl	MTPP						C,K,M,T			X
HONDURAS													
LA CEIBA/Goloson Intl	RS	MHLC	TEGUCIGALPA/Toncontín Intl	MHTG	X	X				K,M			X
COXEN HOLE/Juan Manuel Galvez Intl, Roatán I.	RS	MHRO	TEGUCIGALPA/Toncontín Intl	MHTG						K,M			X
SAN PEDRO SULA/La Mesa Intl	RS	MHLM	TEGUCIGALPA/Toncontín Intl	MHTG						K,M,L			X
TEGUCIGALPA/Toncontin Intl	RS	MHTG	TEGUCIGALPA/Toncontín Intl	MHTG						K,M			X
JAMAICA					X	X							
KINGSTON/Norman Manley Intl	RS	MKJP	KINGSTON/Norman Manley Intl	MKJP						C,E,K,M,T			X
MONTEGO BAY/Sangster Intl	RS	MKJS	KINGSTON/Norman Manley Intl	MKJP						C,E,K,M,T			X
MEXICO					X	X							
ACAPULCO/Gral. Juan N. Alvarez Intl	RS	MMAA	MEXICO/Lic. Benito Juarez Intl	MMMX						C,K,S			X
BAHIAS DE HUATULCO/Bahias de Huatulco Intl	RNS&AS	MMBT	MEXICO/Lic. Benito Juárez Intl	MMMX						C,K,S			X
CAMPECHE/Ing. Alberto Acuña Ongay	RG	MMCP	MEXICO/Lic. Benito Juarez Intl	MMMX						K,M			X
CANCUN/Cancún Intl	RS	MMUN	MEXICO/Lic. Benito Juarez Intl	MMMX						C,E,K,L,M			X
CHETUMAL/Chetumal Intl	RS	MMCM	MEXICO/Lic. Benito Juarez Intl	MMMX						K,M			X
CHIHUAHUA/Gral. Roberto Fierro Villalobos Intl	RS	MMCU	MEXICO/Lic. Benito Juarez Intl	MMMX						K,M			X
CIUDAD ACUNA/Ciudad Acuña Intl	RG	MMMC	MEXICO/Lic. Benito Juarez Intl	MMMX						K,M			X
CIUDAD JUAREZ/Abraham González Intl	RG&AS	MMCS	MEXICO/Lic. Benito Juarez Intl	MMMX						K,M			X

Aerodrome where service is required Aérodrome où le service doit être assuré Aeródromo donde se requiere el servicio			Responsible MET Office Centre MET responsable Oficina MET responsable		Areas of coverage of charts Zones de couverture des cartes Zonas de cobertura de los mapas					AFTN routing areas of destination Zones de routage du RSFTA Áreas de encaminamiento AFTN	Forecasts to be provided Prévisions à fournir Pronósticos a suministrar		
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1	2	3	4	5	6					7	8	9	10
COZUMEL/Cozumel Intl	RS	MMCZ	MEXICO/Lic. Benito Juarez Intl	MMMX						C,K,M			X
CULIACAN/Fidel Bachigualato	RS	MMCL	MEXICO/Lic. Benito Juarez Intl	MMMX						K,M			X
DURANGO/Pte. Guadalupe Victoria Intl	RS	MMDO	MEXICO/Lic. Benito Juarez Intl	MMMX						K,M			X
GUADALAJARA/Miguel Hidalgo y Costilla Intl	RS	MMGL	MEXICO/Lic. Benito Juárez Intl	MMMX						C,K,M	X		X
GUAYMAS/Gral. José Maria Yañez Intl	RS	MMGM	MEXICO/Lic .Benito Juarez Intl	MMMX						C,K,M			X
HERMOSILLO/Gral. I. Pesqueira Garcia Intl	RS	MMHO	MEXICO/Lic. Benito Juarez Intl	MMMX						K,M			X
IXTAPA-ZIHUATANEJO/Ixtapa-Zihuatanejo Intl	RS	MMZH	MEXICO/Lic. Benito Juarez Intl	MMMX						K,M			X
LA PAZ/Gral. Manuel Márquez de Leon Intl	RS	MMLP	MEXICO/Lic. Benito Juarez Intl	MMMX						K,M			X
LEON/Guanajuato	RS	MMLO	MEXICO/Lic. Benito Juarez Intl	MMMX						K,M			X
LORETO/Loreto Intl	RS	MMLT	MEXICO/Lic. Benito Juarez Intl	MMMX						K,M			X
MANZANILLO/Playa de Oro	RS	MMZO	MEXICO/Lic. Benito Juarez Intl	MMMX						K,M			X
MATAMOROS/Matamaros Intl	RG &AS	MMMA	MEXICO/Lic. Benito Juarez Intl	MMMX						K,M			X
MAZATLAN/Gral. Rafael Buelna Intl	RS	MMMZ	MEXICO/Lic. Benito Juarez Intl	MMMX						C,K,M			X
MERIDA/Lic. Manuel Crecencio Rejon Intl	RS	MMMD	MEXICO/Lic. Benito Juarez Intl	MMMX						C,E,K,M			X
MEXICALI/Gral. Rodolfo Sánchez Taboada Intl	RG	MMML	MEXICO/Lic. Benito Juarez Intl	MMMX						K,M			X
MEXICO/Lic. Benito Juárez Intl	RS	MMMX	MEXICO/Lic. Benito Juárez Intl	MMMX						C,E,K,L,M,S,T	X		X
MONTERREY/Del Norte Intl	RG&AS	MMAN	MEXICO/Lic. Benito Juarez Intl	MMMX						K,M			X
MONTERREY/Gral. Mariano Escobedo Intl	RS	MMMY	MEXICO/Lic. Benito Juárez Intl	MMMX						K,M			X
MORELIA/Gral. Francisco Y. Mujica Intl	RS	MMMM	MEXICO/Lic. Benito Juarez Intl	MMMX						K,M			X
NOGALES/Nogales Intl	RG	MMNG	MEXICO/Lic. Benito Juarez Intl	MMMX						K,M			X
NUEVO LAREDO/Quetzalcoatl Intl	RG	MMNL	MEXICO/Lic. Benito Juarez Intl	MMMX						K,M			X
PIEDRAS NEGRAS/Piedras Negras Intl	RG	MMPG	MEXICO/Lic. Benito Juarez Intl	MMMX						K,M			X
PUERTO VALLARTA/Lic. Gustavo Díaz Ordaz Intl	RS	MMPR	MEXICO/Lic. Benito Juarez Intl	MMMX						C,K,M			X
REYNOSA/Gral. Lucio Blanco Intl	RG	MMRX	MEXICO/Lic. Benito Juarez Intl	MMMX						K,M			X
SAN FELIPE/San Felipe Intl	RG	MMSF	MEXICO/Lic. Benito Juarez Intl	MMMX						K,M			X

Aerodrome where service is required Aérodrome où le service doit être assuré Aeródromo donde se requiere el servicio			Responsible MET Office Centre MET responsable Oficina MET responsable		Areas of coverage of charts Zones de couverture des cartes Zonas de cobertura de los mapas					AFTN routing areas of destination Zones de routage du RSFTA Áreas de encaminamiento AFTN	Forecasts to be provided Prévisions à fournir Pronósticos a suministrar		
Name Nom Nombre	Use Vocation Uso	ICAO loc. ind. Ind. d'empl. OACI Ind. lugar OACI	Name Nom Nombre	ICAO loc. ind. Ind. d'empl. OACI Ind. lugar OACI	A	B1	F	H	Other Autre Otra		Trend Tendance Tendencia	TAF 18h	TAF 24h
1	2	3	4	5	6					7	8	9	10
SAN JOSE DEL CABO/San José del Cabo Intl	RS	MMSD	MEXICO/Lic. Benito Juarez Intl	MMMX						C,K,M			X
TAMPICO/Gral .Francisco Javier Mina Intl	RS	MMTM	MEXICO/Lic. Benito Juárez Intl	MMMX						K,M			X
TAPACHULA/Tapachula Intl	RNS	MMTP	MEXICO/Lic. Benito Juarez Intl	MMMX						K,M			X
TIJUANA/Gral. Abelardo L. Rodríguez Intl	RS	MMTJ	MEXICO/Lic. Benito Juarez Intl	MMMX						K,M			X
TOLUCA/Lic. Adolfo López Mateos	RNS	MMTO	MEXICO/Lic. Benito Juárez Intl	MMMX						K,M			X
TORREON/Torreón Intl	RS	MMTC	MEXICO/Lic. Benito Juarez Intl	MMMX						K,M			X
VERACRUZ/Gral. Heiberto Jara Intl	RS	MMVR	MEXICO/Lic. Benito Juárez Intl	MMMX						K,M			X
VILLAHERMOSA/C.P.A. Carlos Rovirosa Intl	RS	MMVA	MEXICO/Lic. Benito Juarez Intl	MMMX						K,M			X
ZACATECAS/Gral. Leobardo C. Ruiz Intl	RS	MMZC	MEXICO/Lic. Benito Juarez Intl	MMMX						K,M			X
MONTSERRAT (United Kingdom)						X							
PLYMOUTH/W.H. Bramble, Montserrat I.	RS	TRPM	SAINT JOHNS/V.C. Bird Antigua I.	TAPA						T			X
NETHERLANDS ANTILLES (Netherlands)						X							
KRALENDIJK/Flamingo, Bonaire I.	RS	TNCB	WILLEMSTAD/Hato, Curacao I	TNCC						K			X
ORANJESTAD/F.D. Roosevelt, Saint Eustatius I.	RS	TNCE	WILLEMSTAD/Hato Curacao I.	TNCC						T			X
PHILIPSBURG/Princess Juliana, St. Maarten I.	RS	TNCM	SAN JUAN/ Luis Nuñoz Marin Intl	TJSJ						K,M,T			X
WILLEMSTAD/Hato, Curaçao I.	RS	TNCC	WILLEMSTAD/Hato, Curacao I.	TNCC						E,K,M,S,T			X
NICARAGUA						X							
MANAGUA/Augusto César Sandino Intl	RS	MNMG	MANAGUA/Augusto César Sandino Intl	MNMG						K,M			X
PUERTO CABEZAS/Puerto Cabezas	AS	MNPC	MANAGUA/Augusto César Sandino Intl	MNMG									X
PANAMA					X								
BOCAS DEL TORO/Bocas del Toro	RG&AS	MPBO	PANAMA/Tocumen Intl	MPTO									X
CHANGUINOLA/Cap. Manuel Niño	RG&AS	MPCH	PANAMA/Tocumen Intl	MPTO									X
DAVID/Enrique Malek	RS	MPDA	PANAMA/Tocumen Intl	MPTO									X

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Name Nom Nombre	Use Vocation Uso	ICAO loc. ind. Ind. d'empl. OACI Ind. lugar OACI	Name Nom Nombre	ICAO loc. ind. Ind. d'empl. OACI Ind. lugar OACI	A	B1	F	H	Other Autre Otra		Trend Tendance Tendencia	TAF 18h	TAF 24h
1	2	3	4	5	6					7	8	9	10
PANAMA/Marco A. Gelabert	RG&AS	MPMG	PANAMA/Tocumen Intl	MPTO									X
PANAMA/Tocumén Intl	RS	MPTO	PANAMA/Tocumen Intl	MPTO						K,M,S			X
PARAGUAY						X							
ASUNCION/Silvio Pettirossi	RS	SGAS	ASUNCION/Silvio Pettirossi	SGAS						G,K,L,M,S,T			X
CIUDAD DEL ESTE/Guaraní	RS	SGES	ASUNCION/Silvio Pettirossi	SGAS						G,K,L,M,S,T			X
PERU					X	X							
AREQUIPA/Rodríguez Ballón Intl	AS	SPQU	LIMA-CALLAO/Jorge Chávez Intl	SPIM	X	X				S	X		X
CHICLAYO/Cap. José Quiñones González	AS	SPHI	LIMA-CALLAO/Jorge Chávez Intl	SPIM						K,M,S,T			X
CUSCO/Velazco Astete	RS	SPZO	LIMA-CALLAO/Jorge Chávez Intl	SPIM						K,M,S	X		X
IQUITOS/Crnel. FAP Francisco Secada Vignetta	RS	SPQT	LIMA-CALLAO/Jorge Chávez Intl	SPIM						K,M,S,T	X		X
LIMA-CALLAO/Jorge Chávez Intl	RS	SPIM	LIMA-CALLAO/Jorge Chávez Intl	SPIM						C,F,K,L,M,S,T	X		X
PISCO/Pisco	AS	SPSO	LIMA-CALLAO/Jorge Chávez Intl	SPIM						S			X
TACNA/Crnel. FAP Carlos Ciriani Santa Rosa	RG	SPTN	LIMA-CALLAO/Jorge Chávez Intl	SPIM						S			X
TRUJILLO/Capitan Carlos Martinez de Pinillos	AS	SPRU	LIMA-CALLAO/Jorge Chávez Intl	SPIM						S			X
					X								
PUERTO RICO (United States)													
AGUADILLA/Rafael Hernandez Intl	RS	TJBQ	SAN JUAN/Luis Muñoz Marin Intl	TJSJ						K,M			X
FAJARDO/Diego Jiménez Torres	RS	TJFA	SAN JUAN/Luis Muñoz Marin Intl	TJSJ									X
PONCE/Ponce-Mercedita	AS	TJPS	SAN JUAN/Luis Muñoz Marin Intl	TJSJ						M			X
SAN JUAN/Luis Muñoz Marin Intl	RS	TJSJ	SAN JUAN/Luis Muñoz Marin Intl	TJSJ						E,K,L,M,S,T			X
VIEQUES/Antonio Rivera	RS	TJVQ	SAN JUAN/Luis Muñoz Marin Intl	TJSJ									X
SAINT KITTS AND NEVIS						X							
BASSETERRE/Robert L. Bradshaw, Saint Kitts I.	RS	TKPK	SAINT JOHNS/V.C.Bird, Antigua I.	TAPA						T			X
CHARLESTON/Newcastle, Nevis I.	RS	TKPN	SAINT JOHNS/V.C. Bird, Antigua I.	TAPA						T			X

Aerodrome where service is required Aérodrome où le service doit être assuré Aeródromo donde se requiere el servicio			Responsible MET Office Centre MET responsable Oficina MET responsable		Areas of coverage of charts Zones de couverture des cartes Zonas de cobertura de los mapas					AFTN routing areas of destination Zones de routage du RSFTA Áreas de encaminamiento AFTN	Forecasts to be provided Prévisions à fournir Pronósticos a suministrar		
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1	2	3	4	5	6					7	8	9	10
SAINT LUCIA					X	X							
CASTRIES/Vigie	RS	TLPC	VIEUX-FORT/Hewanorra Intl	TLPL						T			X
VIEUX-FORT/Hewanorra Intl	RS	TLPL	VIEUX-FORT/Hewanorra Intl	TLPL						C,E,K,S,T			X
SAINT VINCENT AND THE GRENADINES						X							
BEQUIA/J.F. Mitchell	RS	TVSB											
CANOUAN/Canouan	RS	TVSC											X
KINGSTOWN/E.T. Joshua	RS	TVSB	BRIDGETOWN/Grantley Adams Intl	TBPB						T			X
MUSTIQUE/Mustique	RNS	TVSM											X
UNION ISLAND/Union Island	RS	TVSU											X
SURINAME						X							
NEW NICKERIE/Maj. Fernandes	AS	SMNI	ZANDERY/Johan Adolf Pengel Intl	SMJP									X
PARAMARIBO/Zorg en Hoop	RG	SMZO	ZANDERY/Johan Adolf Pengel Intl	SMJP									X
ZANDERY/Johan Adolf Pengel Intl	RS	SMJP	ZANDERY/Johan Adolf Pengel Intl	SMJP						E,G,K,L,M,S,T			X
TRINIDAD AND TOBAGO					X	X							
PORT OF SPAIN/Piarco Intl, Trinidad I.	RS	TTPP	PORT OF SPAIN/Piarco Intl	TTTP						C,E,K,L,M,S,T			X
SCARBOROUGH/Crown Point, Tobago I.	RS	TTCP	PORT OF SPAIN/Piarco Intl	TTPP						T			X
TURKS AND CAICOS ISLANDS (United Kingdom)					X								
GRAND TURK/Grand Turk Intl	RS	MBGT	NASSAU, Nassau Intl, New Providence I.	MYNN						M			X
PROVIDENCIALES/Providenciales Intl	RS	MBPV	NASSAU, Nassau Intl, New Providence I.	MYNN						M			X
SOUTH CAICOS/South Caicos Intl	RS	MBSC	NASSAU, Nassau Intl, New Providence I.	MYNN						M			X
URUGUAY						X							
COLONIA/International de Colonia	RG	SUCA	MONTEVIDEO/Carrasco Intl	SUMU						S			X
MALDONADO/Carlos A. Curbelo Laguna del Sauce	RS	SULS	MONTEVIDEO/Carrasco Intl	SUMU						S			X

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1	2	3	4	5	6					7	8	9	10
MONTEVIDEO/Aeropuerto Angel S. Adami Intl	RG	SUAA	MONTEVIDEO/Carrasco Intl	SUMU						S			X
MONTEVIDEO/Carrasco Intl Gral. Cesáreo L. Berisso	RS	SUMU	MONTEVIDEO/Carrasco Intl	SUMU						S	X		X
RIVERA/Presidente General Oscar D. Gestido Intl.	RS	SURV	MONTEVIDEO/Carrasco Intl	SUMU						S			X
SALTO/Nueva Hesperides Intl	RG	SUSO	MONTEVIDEO/Carrasco Intl	SUMU						S			X
VENEZUELA					X	X							
BARCELONA/Gral. José Antonio Anzóategui Intl	RNS	SVBC	CARACAS/Simón Bolívar Intl, Maiquetia	SVMI						E			X
CARACAS/Simón Bolívar Intl, Maiquetia	RS	SVMI	CARACAS/Simón Bolívar Intl, Maiquetia	SVMI						C,E,G,K,L,M,S,T	X		X
MARACAIBO/La Chinita Intl	RS	SVMC	CARACAS/Simón Bolívar Intl, Maiquetia	SVMI						K,S			X
MARGARITA/Intl Del Caribe, Gral. Santiago Mariño	RS	SVMG	CARACAS/Simón Bolívar Intl, Maiquetia	SVMI						C,E			X
PARAGUANA/Joséfa Camejo Intl	RS	SVJC	CARACAS/Simón Bolívar Intl, Maiquetia	SVMI									X
SAN ANTONIO DEL TACHIRA/San Antonio del Táchira Intl	RS	SVSA	CARACAS/Simón Bolívar Intl, Maiquetia	SVMI									
VALENCIA/Zim Valencia Intl	RS	SVVA	CARACAS/Simón Bolívar Intl, Maiquetia	SVMI									X
VIRGIN ISLANDS (United Kingdom)						X							
ROADTOWN/Beef Island	RS	TUPJ	SAN JUAN/Luis Munôz Marin Intl	TJSJ						T			X
VIRGIN GORDA I./Virgin Gorda	RS	TUPW	SAN JUAN/Luis Munôz Marin Intl	TJSJ						T			X
VIRGIN ISLANDS (United States)						X							
CHRISTIANSTED/ Henry E. Rohlsen, St. Croix	RS	TISX	SAN JUAN/Luis Muñoz Marin Intl	TJSJ						K,T			X
SAINT THOMAS/Cyril E. King	RS	TIST	SAN JUAN/Luis Muñoz Marin Intl	TJSJ						T			X

Table MET 1B — Tableau MET 1B — Tabla MET 1B

METEOROLOGICAL WATCH OFFICES
CENTRES DE VEILLE MÉTÉOROLOGIQUE
OFICINAS DE VIGILANCIA METEOROLÓGICA

EXPLANATION OF THE TABLE

Column	
1	Location of the meteorological watch office (MWO)
2	ICAO location indicator, assigned to the MWO
3	Name of the FIR, UIR and/or Search and Rescue Region (SRR) served by the MWO
4	ICAO location indicator assigned to the ATS unit serving the FIR, UIR and/or SRR
5	Remarks

Note. — Unless otherwise stated in Column 5, the MWO listed in Column 1 is the designated collecting centre for the air-reports received within the corresponding FIR/UIR listed in Column 3.

EXPLICATION DU TABLEAU

Colonne	
1	Emplacement du centre de veille météorologique (MWO)
2	Indicateur d’emplacement OACI du MWO
3	Nom de la FIR, de l’UIR et/ou de la région de recherches et de sauvetage (SRR) desservie(s) par le MWO
4	Indicateur d’emplacement OACI des organismes ATS desservant la FIR, l’UIR et/ou les SRR
5	Remarques

Note.— Sauf indication contraire dans la colonne 5, le MWO indiqué dans la colonne 1 est le centre collecteur désigné des comptes rendus en vol reçus dans la FIR/UIR figurant dans la colonne 3.

EXPLICACIÓN DE LA TABLA

Columna	
1	Lugar de la oficina de vigilancia meteorológica (MWO)
2	Indicador de lugar de la OACI asignado a la MWO
3	Nombre de las FIR, UIR o región de búsqueda y salvamento (SRR) a las que presta servicio la MWO
4	Nombre del indicador de lugar asignado a la dependencia ATS que presta servicio a las FIR, UIR o SRR
5	Observaciones

Nota.— Salvo indicación distinta en la Columna 5, la MWO que figura en la Columna 1 es el centro colector designado para las aeronotificaciones recibidas en las FIR/UIR correspondientes reseñadas en la Columna 3.

MWO location Emplacement du MWO Lugar de la MWO	ICAO loc.ind. Ind. d'empl. OACI Ind. lugar OACI	Area served/Région desservie/Zona atendida		Remarks Remarques Observaciones
		Name Nom Nombre	ICAO loc. ind. Ind. d'empl. OACI Ind. lugar OACI	
1	2	3	4	5
ARGENTINA				
BUENOS AIRES/Aeroparque, Jorge Newbery	SABE	Ezeiza FIR/SRR Ezeiza ACC/UIR	SAEF SAEU	
COMODORO RIVADAVIA/General Mosconi	SAVC	Comodoro Rivadavia FIR/SRR Comodoro Rivadavia ACC/UIR	SAVF SAVU	
CORDOBA/Ing. Aer. A.L. Taravela	SACO	Córdoba FIR/SRR Córdoba ACC/UIR	SACF SACU	
MENDOZA/El Plumerillo	SAME	Mendoza FIR/SRR Mendoza ACC/UIR	SAMF SAMV	
RESISTENCIA/Resistencia	SARE	Resistencia FIR/SRR Resistencia ACC/UIR	SARR SARU	
BOLIVIA				
LA PAZ/El Alto Intl	SLLP	La Paz FIR/SRR	SLLP	
BRAZIL				
BRASILIA/CINDACTA I	SBBS	Brasilia FIR/UIR/SRR	SBBS	
CURITIBA/CINDACTA II	SBCW	Curitiba FIR/UIR/UTA/SRR	SBCW	
MANAUS/CINDACTA IV	SBAZ	Amazónica FIR/UIR/SRR	SBAZ	
RECIFE/CINDACTA III	SBRE	Recife FIR/UIR/SRR Atlántico FIR/UIR/SRR	SBRE SBAO	
CHILE				
ANTOFAGASTA/Cerro Moreno SANTIAGO/Arturo Merino Benítez	SCFA SCEL	Antofagasta FIR/SRR	SCFZ	SCEL assumes meteorological watch functions at night./SCEL asume en horario nocturno las funciones de vigilancia meteorológica.
PUERTO MONTT/El Tepual	SCTE	Puerto Montt FIR/SRR	SCTZ	
PUNTA ARENAS/Pdte. C. Ibañez del Campo	SCCI	Punta Arenas FIR/SRR	SCCZ	
SANTIAGO/Arturo Merino Benitez	SCEL	Santiago FIR/SRR	SCEZ	
COLOMBIA				
SANTA FÉ DE BOGOTÁ/Eldorado	SKBO	Santa Fé de Bogotá FIR/UIR/SRR Barranquilla FIR below/por debajo de FL200 (cf. Bogotá UIR)	SKED SKEC	
CUBA				
HABANA/José Martí Intl	MUHA	Habana FIR/SRR	MUFH	
DOMINICAN REPUBLIC				
SANTO DOMINGO/De Las Américas Intl	MDSD	Santo Domingo FIR/SRR	MDCS	
ECUADOR				
GUAYAQUIL/Simón Bolívar	SEGU	Guayaquil FIR/SRR	SEGU	

MWO location Emplacement du MWO Lugar de la MWO	ICAO loc.ind. Ind. d'empl. OACI Ind. lugar OACI	Area served/Région desservie/Zona atendida		Remarks Remarques Observaciones
		Name Nom Nombre	ICAO loc. ind. Ind. d'empl. OACI Ind. lugar OACI	
1	2	3	4	5
FRENCH GUIANA (France)				
CAYENNE/Rochambeau	SOCA	Rochambeau FIR Cayenne SRR	SOOO	
GUYANA				
TIMEHRI/Cheddi Jagan Intl	SYCJ	Georgetown FIR/SRR	SYGC	
HAITI				
PORT-AU-PRINCE/Port-au-Prince Intl	MTPP	Port-au-Prince FIR/SRR	MTEG	
HONDURAS				
TEGUCIGALPA/Toncontin Intl	MHTG	Central American FIR/SRR FIR/SRR Centroamericana	MHTG	The Tegucigalpa MWO serves Central American FIR/SSR, which is under the Corporación Centroamericana para los Servicios de Navegación Aérea (COCESNA)'s responsibility, comprising Belize, Costa Rica, El Salvador, Guatemala, Honduras and Nicaragua./ La MWO de Tegucigalpa presta servicios a la FIR/SSR de Centroamérica, que está a cargo de la Corporación Centroamericana para los Servicios de Navegación Aérea (COCESNA) conformada por Belice, Costa Rica, El Salvador, Guatemala, Honduras y Nicaragua.
JAMAICA				
KINGSTON/Norman al Manley Intl	MKJP	Kingston FIR/SRR	MKJK	
MÉXICO				
MEXICO/Lic. Benito Juárez Intl	MMMX	Mazatlán Oceanic FIR/UIR México FIR/UIR/SRR	MMZT MMEX	
NETHERLANDS ANTILLES (Netherlands)				
WILLEMSTAD/Hato, Curaçao I.	TNCC	Curaçao FIR/SRR	TNCF	
PANAMA				
PANAMA/Tocumen Intl	MPTO	Panamá FIR/SRR	MPZL	
PARAGUAY				
ASUNCION/Silvio Pettirossi	SGAS	Asunción FIR/UIR/SRR	SGFA	
PERU				
LIMA-CALLAO/Jorge Chávez Intl	SPIM	Lima FIR/UIR/SRR	SPIM	
SURINAME				
ZANDERY/Johan Adolf Pengel Intl	SMJP	Paramaribo FIR/UIR	SMPM	

MWO location Emplacement du MWO Lugar de la MWO	ICAO loc.ind. Ind. d'empl. OACI Ind. lugar OACI	Area served/Région desservie/Zona atendida		Remarks Remarques Observaciones
		Name Nom Nombre	ICAO loc. ind. Ind. d'empl. OACI Ind. lugar OACI	
1	2	3	4	5
TRINIDAD AND TOBAGO				
PORT OF SPAIN/Piarco Intl, Trinidad I.	TTPP	Piarco FIR/SRR	TTZP	
UNITED STATES				
Kansas City Aviation Weather Center	KKCI	Houston Oceanic FIR Miami Oceanic FIR/SRR Nassau FIR San Juan FIR/SRR	KZHU KZMA MYNA TJZS	
URUGUAY				
MONTEVIDEO/Carrasco Intl Gral. Cesáreo L. Berisso	SUMU	Montevideo FIR/SRR	SUEO	
VENEZUELA				
CARACAS/Simon Bolivar Intl, Maiquetia	SVMI	Maiquetia FIR/UIR/SRR	SVZM	

Table MET 2A — Tabla MET 2A

EXCHANGE OF OPERATIONAL METEOROLOGICAL INFORMATION INTERCAMBIO DE INFORMACIÓN METEOROLÓGICA OPERACIONAL

EXPLANATION OF THE TABLE

Column 1: Name of the aerodrome

Column 2: Location indicator

Column 3:
F = METAR/SPECI + TAF
S = METAR/SPECI
T = TAF

EXPLICACIÓN DE LA TABLA

Columna 1: Nombre del aeródromo

Columna 2: Indicador de lugar

Columna 3:
F = METAR/SPECI + TAF
S = METAR/SPECI
T = TAF

Note: Aerodromes not included in Table AOP 1 are in italics/los aeródromos que no están listados en la Tabla AOP 1 aparecen en letra cursiva.

TO BE AVAILABLE IN/ESTARÁN DISPONIBLES EN

	ICAO Loc. Ind./Ind. Lugar OACI	Anguilla I. (U.K.)	Antigua and Barbuda	Argentina	Aruba (Netherlands)	Bahamas	Barbados	Belize	Bolivia	Brazil	Cayman Is. (U.K.)	Chile	Colombia	Costa Rica	Cuba	Dominica	Dominican Republic	Ecuador	El Salvador	French Antilles (France)	French Guiana (France)	Grenada	Guatemala	Guyana	Haití	Honduras	Jamaica	Mexico	Montserrat I. (U.K.)	Netherland Antilles (Netherlands)	Nicaragua	Panama	Paraguay	Peru	Puerto Rico (U.S.)	Saint Kitts and Nevis	Saint Lucia	S. Vincent and the Grenadines	Suriname	Trinidad and Tobago	Turks and Caicos Islands (U.K.)	Uruguay	Venezuela	Virgin Islands (U.K.)	Virgin Islands (U.S.)	Brasilia/Washington OPMET Data Banks	SADIS and ISCS Uplink Stations/ Estaciones de Enlace Ascendente ISCS y SADIS
FROM/DE																																																
AFI																																																
ANGOLA																																																
Luanda	FNLU														T																															T	T
CANARY ISLANDS (SPAIN)																																																
Las Palmas	GCLP			T						T											T																						T			T	T
Tenerife	GCTS			T						T																																	T			T	T
CAPE VERDE																																																
Sal I.	GVAC			T						F					T					T																										F	F
CONGO																																																
Brazzaville	FCBB									T					T																															T	T
COTE D'IVOIRE																																																
Abidjan	DIAP									F																																				F	F
GAMBIA																																																
Banjul	GBYD			T											T																															T	T
Accra	DGAA									T																																				T	T
GUINEA, REPUBLIC OF																																																
Conakry	GUCY									F																																				F	F
GUINEE-BISSAU																																																
Bissau	GGOV														T																															T	T
LIBERIA																																																
Monrovia	GLRB									T																																				T	T
MAURITANIE																																																
Nouadhibou	GQPP									T																																				T	T
Nouakchott	GQNN			T						T																																				T	T
MOROCCO																																																
Agadir	GMAA									T																																				T	T
Casablanca	GMMN									T																																				T	T
Rabat	GMME									T																																				T	T
NIGERIA																																																
Kano	DNKN									T																																				T	T

TO BE AVAILABLE IN/ESTARÁN DISPONIBLES EN

	ICAO Loc. Ind./Ind. Lugar OACI	Anguilla I. (U.K.)	Antigua and Barbuda	Argentina	Aruba (Netherlands)	Bahamas	Barbados	Belize	Bolivia	Brazil	Cayman Is. (U.K.)	Chile	Colombia	Costa Rica	Cuba	Dominica	Dominican Republic	Ecuador	El Salvador	French Antilles (France)	French Guiana (France)	Grenada	Guatemala	Guyana	Haití	Honduras	Jamaica	Mexico	Montserrat I. (U.K.)	Netherland Antilles (Netherlands)	Nicaragua	Panama	Paraguay	Peru	Puerto Rico (U.S.)	Saint Kitts and Nevis	Saint Lucia	S. Vincent and the Grenadines	Suriname	Trinidad and Tobago	Turks and Caicos Islands (U.K.)	Uruguay	Venezuela	Virgin Islands (U.K.)	Virgin Islands (U.S.)	Brasilia/Washington OPMET Data Banks	SADIS and ISCS Uplink Stations/ Estaciones de Enlace Ascendente ISCS y SADIS
Lagos	DNMM									T																																				T	T
SENEGAL																																															
Dakar	GOOY			T						F					T					T																										F	F
SIERRA LEONE																																															
FreeTown	GFLL			T						F					T																															F	F
SOUTH AFRICA																																															
Bloemfontein	FABL									T																																				T	T
Cape Town	FACT			T						T																																				T	T
Durban	FADN									T																																				T	T
Johannesburg	FAJS			T						T																																				T	T
Upington	FAUP																																														
TOGO																																															
Lome	DXXX									T																																				T	T
ZAIRE																																															
Kinshasa	FZAA									T					T																															T	T
ASIA																																															
AUSTRALIA																																															
Sydney	YSSY			T																																										T	T
CHILE																																															
Isla de Pascua	SCIP																																													F	F
NEW ZEALAND																																															
Auckland	NZAA			T																																										T	T
ChriFchurch	NZCH			T																																										T	T
WellingTon	NZWN			T																																										T	T

		TO BE AVAILABLE IN/ESTARÁN DISPONIBLES EN																																													
	ICAO Loc. Ind./Ind. Lugar OACI	Anguilla I. (U.K.)	Antigua and Barbuda	Argentina	Aruba (Netherlands)	Bahamas	Barbados	Belize	Bolivia	Brazil	Cayman Is. (U.K.)	Chile	Colombia	Costa Rica	Cuba	Dominica	Dominican Republic	Ecuador	El Salvador	French Antilles (France)	French Guiana (France)	Grenada	Guatemala	Guyana	Haití	Honduras	Jamaica	Mexico	Montserrat I. (U.K.)	Netherland Antilles (Netherlands)	Nicaragua	Panama	Paraguay	Peru	Puerto Rico (U.S.)	Saint Kitts and Nevis	Saint Lucia	S. Vincent and the Grenadines	Suriname	Trinidad and Tobago	Turks and Caicos Islands (U.K.)	Uruguay	Venezuela	Virgin Islands (U.K.)	Virgin Islands (U.S.)	Brasilia/Washington OPMET Data Banks	SADIS and ISCS Uplink Stations/ Estaciones de Enlace Ascendente ISCS y SADIS
CAR																																															
ANGUILLA (U.K.)																																															
The Valley	TQPF		T																											T						F							F			F	F
ANTIGUA AND BARBUDA																																															
Saint Johns	TAPA	F			T		F								T	F				F		F		T	T				F	F					F	F	F			F			T	F	F	F	F
ARUBA (NeTherlands)																																															
Oranjestad	TNCA					F				T			F		F		F			F					F		F	T				F			F				F	F			F			F	F
BAHAMAS																																															
Alice Town	MYBS																																													F	F
Cockburn Town	MYSM			T																																										F	F
Freeport	MYGF			T	F		T							F	F												F	F		F				T							F					F	F
George Town	MYEG		F	T																																										F	F
Governor's Harbour	MYEM			T																																										F	F
Marsch Harbour	MYAM		F	T																																										F	F
Nassau	MYNN		F	T	F		T	F		T	F	T	F	F	F		F	T	F				F	T	F	F	F	F		F	F	F	T	T		F				T	F		F			F	F
North Eleuthera	MYEH		F	T																																										F	F
Rock sound	*MYER*																																													*F*	*F*
Stella Maris	MYLS			T																																										F	F
Treasure Cay	MYAT		F	T																																										F	F
West End	MYGW			T	F		T							F	F												F	F		F				T							F					F	F
BARBADOS																																															
Bridgetown	TBPB		F	T									F	T	F		F			F	T	F		F	F		F	F		F					F	F	F	F	F	F			F	F	F	F	F
BELIZE																																															
Belize	MZBZ														F				F							F	F	F															F			F	F
CAYMAN IS. (U.K.)																																															
Cayman Brac	MWCB													F													F	T				F		T									T			F	F
Georgetown	MWCR													F													F	T				F		T												F	F
COSTA RICA																																															
Alajuela	MROC			T	T	F				T		T	F		F		F	T	F				F			F	F	F		F	F	F		T	F								F			F	F
Liberia	MRLB			T															F												F	F		T												F	F
Limón	MRLM			T									F																			F														F	F
Pavas	MRPV																		F													F														F	F

TO BE AVAILABLE IN/ESTARÁN DISPONIBLES EN

	ICAO Loc. Ind./Ind. Lugar OACI	Anguilla I. (U.K.)	Antigua and Barbuda	Argentina	Aruba (Netherlands)	Bahamas	Barbados	Belize	Bolivia	Brazil	Cayman Is. (U.K.)	Chile	Colombia	Costa Rica	Cuba	Dominica	Dominican Republic	Ecuador	El Salvador	French Antilles (France)	French Guiana (France)	Grenada	Guatemala	Guyana	Haití	Honduras	Jamaica	Mexico	Montserrat I. (U.K.)	Netherland Antilles (Netherlands)	Nicaragua	Panama	Paraguay	Peru	Puerto Rico (U.S.)	Saint Kitts and Nevis	Saint Lucia	S. Vincent and the Grenadines	Suriname	Trinidad and Tobago	Turks and Caicos Islands (U.K.)	Uruguay	Venezuela	Virgin Islands (U.K.)	Virgin Islands (U.S.)	Brasilia/Washington OPMET Data Banks	SADIS and ISCS Uplink Stations/ Estaciones de Enlace Ascendente ISCS y SADIS
CUBA																																															
Camaguey	MUCM			T			T							F										T			F	T						T												F	F
Caryo Coco Intl./Jardines del Rey	*MUCC*																																													*F*	*F*
Cayo Largo del Sur/Vilo Acuña Intl	MUCL																																													F	F
Ciego de Avila	MUCA			T			T							F										T			F	T						T												F	F
Guantánamo US-Naval Base	*MUGT*																																													*F*	*F*
Habana	MUHA			T		F	T		F	T		T	T	F			F	T						T			F	T		F	F	F		T	F								F			F	F
Holguin	MUHG			T		F	T		F	T		T	T	F			F	T						T			F	T		F	F	F		T	F								F			F	F
Santiago de Cuba	MUCU												T				F										F																			F	F
Varadero	MUVR			T									T				F															F		T									F			F	F
DOMINICA																																															
Melville Hall	TDPD		T																	F																							F		F	F	F
Roseau	TDPR																			F															F											F	F
DOMINICAN REPUBLIC																																															
Barahona	MDBH																																													F	F
Herrera	MDHE																																													F	F
La Romana	MDLR																										T																F			F	F
Puerto Plata	MDPP														F							F			F									T							T		F			F	F
Punta Cana	MDPC			T									F																					T									F			F	F
Santiago	MDST																										T																			F	F
Santo Domingo	MDSD			T	F	F	F			T			F	F	F			T		F	T	F			F	F	F	T		F	F	F		T	F								F			F	F
EL SALVADOR																																															
San Salvador/El Salvador Intl.	MSLP			T				F						F	F								F			F	F	F			F	F		T	T											F	F
San Salvador/Ilopango Intl.	MSSS																															F														F	F
FRENCH ANTILLES (France)																																															
Fort-de-France	TFFF		F		F		F			F			T		F	F	F	T			F	F		F			F			F		F		T	F		F	F		F			F	F	F	F	F
Pointe-a-Pitre*	TFFR		F		F		F			F			F		F	F	F	T			F			F	T		F		F	F		F			F	F	F			F			F	F	F	F	F
Saint Barthelemy	TFFJ	F																									T																			F	F
Saint Martin	TFFG			T									F																										F							F	F
*TAF issued on request by the Pointe-á-Pitre MET Office/ TAF emitido por la Oficina MET de Pointe-á-Pitre a solicitud																																															
GRENADA																																															
Lauriston	TGPZ			T																																										F	F
Saint Georges	TGPY		F	T			F	F					F																								F	F		F			F			F	F

TO BE AVAILABLE IN/ESTARÁN DISPONIBLES EN

	ICAO Loc. Ind./Ind. Lugar OACI	Anguilla I. (U.K.)	Antigua and Barbuda	Argentina	Aruba (Netherlands)	Bahamas	Barbados	Belize	Bolivia	Brazil	Cayman Is. (U.K.)	Chile	Colombia	Costa Rica	Cuba	Dominica	Dominican Republic	Ecuador	El Salvador	French Antilles (France)	French Guiana (France)	Grenada	Guatemala	Guyana	Haití	Honduras	Jamaica	Mexico	Montserrat I. (U.K.)	Netherland Antilles (Netherlands)	Nicaragua	Panama	Paraguay	Peru	Puerto Rico (U.S.)	Saint Kitts and Nevis	Saint Lucia	S. Vincent and the Grenadines	Suriname	Trinidad and Tobago	Turks and Caicos Islands (U.K.)	Uruguay	Venezuela	Virgin Islands (U.K.)	Virgin Islands (U.S.)	Brasilia/Washington OPMET Data Banks	SADIS and ISCS Uplink Stations/ Estaciones de Enlace Ascendente ISCS y SADIS
GUATEMALA																																															
Flores	MGFL			T																																										F	F
Guatemala	MGGT				T	F		F		T			F	F	F		F	T	F						F	F	F	F		F	F	F		T	F								T			F	F
Puerto Barrios	MGPB			T																																										F	F
San José	MGSJ			T	T	F		F		T			F	F	F		F	T	F				F		F	F	F	F		F	F	F		T	F								T			F	F
Tikal	*MGTK*																																													*F*	*F*
HAITI																																															
Cap Haitien	MTCH			T																																				F						F	F
Port-au-Prince	MTPP			T	T	F	T						F		F		F			F										F		F			F				T		F		F			F	F
HONDURAS																																															
La Ceiba	MHLC			T																																										F	F
Croxen Hole	MHRO			T				F						F	F				F				F				F	F			F	F														F	F
San Pedro Sula	MHLM							F					F	F	F				F				F				F	F			F	F														F	F
Tegucigalpa	MHTG			T				F					F	F	F				F				F					T			F	F		F												F	F
JAMAICA																																															
Kingston	MKJP			T	T	F	F	F			F		F	F	F		F	T			T		F	T	F	F		F		F		F		T	F					F			F			F	F
Montego Bay	MKJS					F	F	F			F		F	F	F								F		F	F		F		F		F		T	F								T			F	F
MEXICO																																															
Acapulco	MMAA			T		T				T			T	F	F			T	F				F			T						F		T												F	F
Aguascalientes	*MMAS*																																													*F*	*F*
Bahias de Huatulco	MMBT																																													F	F
Campeche	MMCP			T																																										F	F
Cancun	MMUN					F							T		F		F									F	T					F		T												F	F
Chetumal	MMCM																																													F	F
Chihuahua	MMCU																																													F	F
Ciudad Acuña	MMMC																																													F	F
Ciudad Del Carmen	*MMCE*																																													*F*	*F*
Ciudad Juarez	MMCS																																													F	F
Ciudad Obregón	*MMCN*																																													*F*	*F*
Ciudad Victoria	*MMCV*																																													*F*	*F*
Cozumel	MMCZ					F	T	F			F			F	F				F				F			T					F	F		T	T											F	F
Culiacan	MMCL																	T																												F	F
Durango	MMDO																																													F	F
Guadalajara	MMGL			T		F				T			T		F			T																T												F	F
Guaymas	MMGM																																													F	F
Hermosillo	MMHO																																													F	F
Ixtapa-Zihuatanejo	MMZH																																													F	F
La Paz	MMLP																		F																											F	F
Leon	MMLO																																													F	F
Loreto	MMLT																																													F	F

		TO BE AVAILABLE IN/ESTARÁN DISPONIBLES EN																																											
	ICAO Loc. Ind./Ind. Lugar OACI	**Anguilla I. (U.K.)**	**Antigua and Barbuda**	**Argentina**	**Aruba (Netherlands)**	**Bahamas**	**Barbados**	**Belize**	**Bolivia**	**Brazil**	**Cayman Is. (U.K.)**	**Chile**	**Colombia**	**Costa Rica**	**Cuba**	**Dominica**	**Dominican Republic**	**Ecuador**	**El Salvador**	**French Antilles (France)**	**French Guiana (France)**	**Grenada**	**Guatemala**	**Guyana**	**Haití**	**Honduras**	**Jamaica**	**Mexico**	**Montserrat I. (U.K.)**	**Netherland Antilles (Netherlands)**	**Nicaragua**	**Panama**	**Paraguay**	**Peru**	**Puerto Rico (U.S.)**	**Saint Kitts and Nevis**	**Saint Lucia**	**S. Vincent and the Grenadines**	**Suriname**	**Trinidad and Tobago**	**Turks and Caicos Islands (U.K.)**	**Uruguay**	**Venezuela**	**Virgin Islands (U.K.)**	**Virgin Islands (U.S.)**	**Brasilia/Washington OPMET Data Banks**	**SADIS and ISCS Uplink Stations/ Estaciones de Enlace Ascendente ISCS y SADIS**
Manzanillo	MMZO																																													F	F
Matamoros	MMMA														F			T														F														F	F
Mazatlan	MMMZ			T															F																											F	F
Merida	MMMD					F	T	F			F			F	F				F				F		F	T					F	F		T	F											F	F
Mexicali	MMML																																													F	F
Mexico	MMMX			T		T		F	F	T		T	T	F	F		F	T	F				F			F					F	F		T	T								F			F	F
Monterrey/Del Norte Intl.	MMAN																	T														F											F			F	F
Monterrey/Gral.Mariano Escobedo	MMMY																	T														F														F	F
Morelia	MMMM																																													F	F
Nogales	MMNG																																													F	F
Nuevo Laredo	MMNL																																													F	F
Oaxaca	*MMOX*																																													*F*	*F*
Piedras Negras	MMPG																																													F	F
Puerto Escondido Intl	*MMPS*																																													*F*	*F*
Puerto Vallarta	MMPR			T		T		F	F	T		T	T	F	F		F	T	F				F			F					F	F		T	T											F	F
Reynosa	MMRX																																													F	F
San Felipe	MMSF																																													F	F
San Jose del Cabo	MMSD			T															F																											F	F
San Luis Potosi	*MMSP*																																													*F*	*F*
Tampico	MMTM			T		T		F	F	T		T	T	F	F		F	T	F				F			F					F	F		T	T											F	F
Tapachula	MMTP																		F																											F	F
Tijuana	MMTJ																																													F	F
Toluca	MMTO																																													F	F
Torreón	MMTC																	T														F														F	F
Veracruz	MMVR			T		T		F	F	T		T	T	F	F		F	T	F				F			F					F	F		T	T											F	F
Villahermosa	MMVA																																													F	F
Zacatecas	MMZC																																													F	F
MONTSERRAT I. (U.K.)																																															
Plymouth	TRPM		F																	F																F							F			F	F
NETHERLAND ANTILLES (Netherlands)																																															
Kralendijk	TNCB																							F	F									T									F			F	F
Oranjestad	TNCE												F																						F	F										F	F
Philipsburg	TNCM	F	F				F										F			F															F	F								F	F	F	F
Willemstad	TNCC		F	T		F				F			F	T	F		F	F		F			F	F	F		F	T				F		T	F				F	F			F			F	F
NICARAGUA																																															
Managua	MNMG							F					F	F	F		F		F				F			F		F				F			T								T			F	F
Puerto Cabezas	MNPC													F	F											F						F														F	F

TO BE AVAILABLE IN/ESTARÁN DISPONIBLES EN

	ICAO Loc. Ind./Ind. Lugar OACI	Anguilla I. (U.K.)	Antigua and Barbuda	Argentina	Aruba (Netherlands)	Bahamas	Barbados	Belize	Bolivia	Brazil	Cayman Is. (U.K.)	Chile	Colombia	Costa Rica	Cuba	Dominica	Dominican Republic	Ecuador	El Salvador	French Antilles (France)	French Guiana (France)	Grenada	Guatemala	Guyana	Haití	Honduras	Jamaica	Mexico	Montserrat I. (U.K.)	Netherland Antilles (Netherlands)	Nicaragua	Panama	Paraguay	Peru	Puerto Rico (U.S.)	Saint Kitts and Nevis	Saint Lucia	S. Vincent and the Grenadines	Suriname	Trinidad and Tobago	Turks and Caicos Islands (U.K.)	Uruguay	Venezuela	Virgin Islands (U.K.)	Virgin Islands (U.S.)	Brasilia/Washington OPMET Data Banks	SADIS and ISCS Uplink Stations/ Estaciones de Enlace Ascendente ISCS y SADIS
PUERTO RICO (US)																																															
Aguadilla	TJBQ																																													F	F
Fajardo	TJFA																																													F	F
Mayaguez/Eugenio María de Hostos	*TJMZ*																																													*F*	*F*
Ponce	TJPS	F	F		T		F						F	T		F	F	T		F			T		F		F	T		F		F			T	F							T	F		F	F
Roosevelt Roads Was	*TJNR*																																													*F*	*F*
San Juan	TJSJ	F	F	T	F		F			T			F	T	F	F	F	T		F	T		T		F	T	F	F		F		F		T		F	F			F			F	F		F	F
Vieques	TJVQ	F	F		T		F						F	T		F	F	T		F			T		F		F	T		F		F			T	F							T	F		F	F
SAINT KITTS AND NEVIS																																															
Basseterre	TKPK	F	F																	F									F	F					F					F				F	F	F	F
Charlestown	TKPN		F																											F					F											F	F
SAINT LUCIA																																															
Castries	TLPC		F				F													F		F		F											F			F		F						F	F
Vieux-Fort	TLPL		F				F	F					F	T			F			F		F	T		F		F			F					F	F				F			F	F	F	F	F
ST. VINCENT & GREN.																																															
Bequia	TVSB																							F																						F	F
Canouan	TVSC						F	F												F		F															F			F						F	F
Kingstown	TVSV						F	F												F		F		F													F			F						F	F
Mustique	TVSM																																													F	F
Union Island	TVSU																																													F	F
TRINIDAD AND TOBAGO																																															
Port-of-Spain	TTPP		F	T			F			F			F				F	T		F	T	F	T	F	F		F			F				T	F	F	F	F	F				F	F	F	F	F
Scarborough	TTCP		F				F													F		F		F						F						F	F						F			F	F
TURKS AND CAICOS IS.(UK)																																															
Grand Turk	MBGT																F								F																					F	F
Providenciales	MBPV					T																			F																					F	F
South Caicos	MBSC																								F																					F	F
VIRGIN ISLANDS (U.K.)																																															
Roadtown	TUPJ																																		F	F									F	F	F
Virgin Gorda I.	TUPW																																		F										F	F	F
VIRGIN ISLANDS (U.S.)																																															
Christiansted	TISX		F		T		F						F	T		F	F	T		F			T		F		F	T		F					T	F							T	F		F	F
Saint Thomas	TIST	F	F													F	F			F										F					F	F							T	F		F	F
EUR																																															
AUSTRIA																																															
Graz	LOWG			T											T																															T	T
Wien	LOWW			T											T		T																													T	T

TO BE AVAILABLE IN/ESTARÁN DISPONIBLES EN

	ICAO Loc. Ind./Ind. Lugar OACI	Anguilla I. (U.K.)	Antigua and Barbuda	Argentina	Aruba (Netherlands)	Bahamas	Barbados	Belize	Bolivia	Brazil	Cayman Is. (U.K.)	Chile	Colombia	Costa Rica	Cuba	Dominica	Dominican Republic	Ecuador	El Salvador	French Antilles (France)	French Guiana (France)	Grenada	Guatemala	Guyana	Haití	Honduras	Jamaica	Mexico	Montserrat I. (U.K.)	Netherland Antilles (Netherlands)	Nicaragua	Panama	Paraguay	Peru	Puerto Rico (U.S.)	Saint Kitts and Nevis	Saint Lucia	S. Vincent and the Grenadines	Suriname	Trinidad and Tobago	Turks and Caicos Islands (U.K.)	Uruguay	Venezuela	Virgin Islands (U.K.)	Virgin Islands (U.S.)	Brasilia/Washington OPMET Data Banks	SADIS and ISCS Uplink Stations/ Estaciones de Enlace Ascendente ISCS y SADIS
BELGIUM																																															
Bruxelles	EBBR						T			T					T					T	T						T												T				T			T	T
CZECH REPUBLIC																																															
Praha	LKPR														T																															T	T
DENMARK																																															
Kobenhavn	EKCH									T																																				T	T
FINLAND																																															
Helsinki	EFHK						T																																							T	T
FRANCE																																															
Bale-Mulhouse	LFSB						T			T										T																										T	T
Bordeaux	LFBD			T			T			T										T	T																						T			T	T
Lyon Satolas	LFLL									T										T	T																						T			T	T
Marseille	LFML									T										T	T																						T			T	T
Montpellier	LFMT																			T																										T	T
Nice	LFMN			T						T					T					T																							T			T	T
Tarbes	LFBT																																													T	T
Paris/Charles de Gaulle	LFPG		T			T	T			T			T		T		T			T	T						T	T											T	T			T			T	T
Paris/Orly	LFPO		T	T	T	T	T			T			T		T		T			T	T						T	T											T	T			T			T	T
Toulouse	LFBO																				T																									T	T
GERMANY																																															
Berlin	ETBS			T											T																															T	T
Dresden	ETDN														T																															T	T
Dusseldorf	EDDL									T					T		T										T								T				T				T			T	T
Frankfurt	EDDF			T			T			T			T		T		T										T								T								T			T	T
Hamburg	EDDH																																										T			T	T
Hannover	EDVV																																														
Koln	EDDK														T		T																		T								T			T	T
Munchen	EDDM			T						T					T		T											T							T											T	T
Stuttgart	EDDS						T			T			T				T										T								T											T	T
HUNGARY																																															
Budapest	LHBP			T											T																															T	T
IRELAND																																															
Dublin	EIDW														T																															T	T
Shannon	EINN									T					T												T													T						T	T

TO BE AVAILABLE IN/ESTARÁN DISPONIBLES EN

	ICAO Loc. Ind./Ind. Lugar OACI	Anguilla I. (U.K.)	Antigua and Barbuda	Argentina	Aruba (Netherlands)	Bahamas	Barbados	Belize	Bolivia	Brazil	Cayman Is. (U.K.)	Chile	Colombia	Costa Rica	Cuba	Dominica	Dominican Republic	Ecuador	El Salvador	French Antilles (France)	French Guiana (France)	Grenada	Guatemala	Guyana	Haití	Honduras	Jamaica	Mexico	Montserrat I. (U.K.)	Netherland Antilles (Netherlands)	Nicaragua	Panama	Paraguay	Peru	Puerto Rico (U.S.)	Saint Kitts and Nevis	Saint Lucia	S. Vincent and the Grenadines	Suriname	Trinidad and Tobago	Turks and Caicos Islands (U.K.)	Uruguay	Venezuela	Virgin Islands (U.K.)	Virgin Islands (U.S.)	Brasilia/Washington OPMET Data Banks	SADIS and ISCS Uplink Stations/ Estaciones de Enlace Ascendente ISCS y SADIS
ITALY																																															
Alghero	LIEA																																														
Genova	LIMJ			T						T																																	T			T	T
Milano/Malpensa	LIMC			T						T					T		T																										T			T	T
Milano/Linate	LIML																																										T			T	T
Roma	LIRF			T						T			T		T		T																										T			T	T
Torino	LIMF																																										T			T	T
LUXEMBOURG																																															
Luxembourg	ELLX			T									T		T						T																		T							T	T
NETHERLANDS																																															
Amsterdam	EHAM			T	T					T			T							T							T	T		T									T	T			T			T	T
Rotterdam	EHRD			T	T					T																		T		T									T				T			T	T
POLAND																																															
Warszawa	EPWA														T																															T	T
PORTUGAL																																															
Faro	LPFR									T																																	T			T	T
Lisboa	LPPT			T						T			T		T		T			T	T							T		T				T	T					T			T			T	T
Porto	LPPR									T							T																	T									T			T	T
Porto Santo	LPPS																																										T			T	T
Santa Maria	*LPAZ*																																										*T*			*T*	*T*
RUSSIAN FEDERATION																																															
Moskva	UUEE														T																															T	T
SLOVAKIA																																															
Bratislava	LKIB														T																															T	T
SPAIN																																															
Alicante	LEAL									T																																				T	T
Barcelona	LEBL			T						T																																	T			T	T
Madrid	LEMD			T						T		T	T		T		T			T	T							T		T				T	T					T			T			T	T
Málaga	LEMG			T						T			T		T		T													T					T					T			T			T	T
Santiago	LEST									T																																	T			T	T
Sevilla	LEZL			T						T					T		T											T							T								T			T	T
Valencia	LEVC									T					T																			T												T	T
Zaragoza	LEZE									T																																				T	T

		TO BE AVAILABLE IN/ESTARÁN DISPONIBLES EN																																											
	ICAO Loc. Ind./Ind. Lugar OACI	Anguilla I. (U.K.)	Antigua and Barbuda	Argentina	Aruba (Netherlands)	Bahamas	Barbados	Belize	Bolivia	Brazil	Cayman Is. (U.K.)	Chile	Colombia	Costa Rica	Cuba	Dominica	Dominican Republic	Ecuador	El Salvador	French Antilles (France)	French Guiana (France)	Grenada	Guatemala	Guyana	Haití	Honduras	Jamaica	Mexico	Montserrat I. (U.K.)	Netherland Antilles (Netherlands)	Nicaragua	Panama	Paraguay	Peru	Puerto Rico (U.S.)	Saint Kitts and Nevis	Saint Lucia	S. Vincent and the Grenadines	Suriname	Trinidad and Tobago	Turks and Caicos Islands (U.K.)	Uruguay	Venezuela	Virgin Islands (U.K.)	Virgin Islands (U.S.)	Brasilia/Washington OPMET Data Banks	SADIS and ISCS Uplink Stations/ Estaciones de Enlace Ascendente ISCS y SADIS
SWITZERLAND																																															
Geneva	LSGG			T						T					T		T			T																								T			T	T
Zurich	LSZH			T						T							T																										T			T	T
UNITED KINGDOM																																															
Cardiff	EGFF		T			T	T			T			T															T	T												T							T	T
London/Gatwick	EGKK		T			T	T			T			T		T		T											T										T			T			T			T	T
London/Heathrow	EGLL		T	T		T	T			T			T		T					T	T						T	T									T		T	T			T			T	T
Luton	EGGW		T			T	T			T			T															T	T												T							T	T
NAT																																															
BERMUDA (U.K.)																																															
Bermuda	TXKF		T	T		F	T								F													T								F								T			F	F
NAM																																															
CANADA																																															
Montreal/Dorval	CYUL		T	T	T	T	T			T					T		T			T					T		T	T									T			T			T			T	T
Montreal/Mirabel	CYMX		T			T	T								T					T				F				T																		F	F
Ottawa	CYOW		T		T	T	T								T					T				F			T	T												T						F	F
Sydney	CYQY														T																															T	T
Toronto	CYYZ		T	T		T	T			T	T	T			T		T			T				F			T	T								T	T			T			T			F	F
Vancouver	CYVR																											T																		T	T
Windsor	CYQG					T				T				T																					T	T									T	T
UNITED STATES																																															
Atlanta	KATL				T	F					F		T														F	T				F												T			F	F
Baltimore	KBWI		T	T	T	F	T			T	T		T				T	T		T	T	T	T	F	T		T	T		T				T		T				T			T			F	F
Boston	KBOS		T	T	T	T	T			T			T		T		T	T		T			T		T		T	T		T				T		T				T			T			T	T
Chicago	KORD			T	T	T					F																T	T						T												F	F
Cleveland	KCLE		T		T	T	T																	F			T	T												T						T	T
Dallas-Fort Worth	KDFW				T																		T					F				F		T												F	F
Denver	KDEN																											T																		T	T
Detroit	KDTW		T	T	T	T	T			T	F				T												T	T						T		T	T			T						F	F

		TO BE AVAILABLE IN/ESTARÁN DISPONIBLES EN																																													
	ICAO Loc. Ind./Ind. Lugar OACI	Anguilla I. (U.K.)	Antigua and Barbuda	Argentina	Aruba (Netherlands)	Bahamas	Barbados	Belize	Bolivia	Brazil	Cayman Is. (U.K.)	Chile	Colombia	Costa Rica	Cuba	Dominica	Dominican Republic	Ecuador	El Salvador	French Antilles (France)	French Guiana (France)	Grenada	Guatemala	Guyana	Haití	Honduras	Jamaica	Mexico	Montserrat I. (U.K.)	Netherland Antilles (Netherlands)	Nicaragua	Panama	Paraguay	Peru	Puerto Rico (U.S.)	Saint Kitts and Nevis	Saint Lucia	S. Vincent and the Grenadines	Suriname	Trinidad and Tobago	Turks and Caicos Islands (U.K.)	Uruguay	Venezuela	Virgin Islands (U.K.)	Virgin Islands (U.S.)	Brasilia/Washington OPMET Data Banks	SADIS and ISCS Uplink Stations/ Estaciones de Enlace Ascendente ISCS y SADIS
Fort Lauderdale	KFLL			T	T	F				T	F		T											F								F		T							F		T			F	F
Fresno	KFAT									T																		F						T												F	F
Houston/Intercontinental	KIAH				T	F		F			F		T						T				F			F	F	F				F		T									T			F	F
Indianapolis	KIND					T					F																																			F	F
Las Vegas	KLAS									T										T								F				F		T												F	F
Los Angeles	KLAX			T						T		T	T						T	T			T				T	F				F		T												F	F
Miami	KMIA		F	T	F	F	T	F	F	T	F	T	F	F	F		F	T	F	T	T		F	F	F	F	F	F		F	F	F	T	T		T			F	T	F		F			F	F
Milwaukee	KMKE					T					F																																			F	F
Newark	KEWR					T	T																	F								F		T												T	T
New Orleans	KMSY				T	F		F			F		T		F				T				F			F	F	F															T			F	F
New York/Kennedy InTl.	KJFK		T	T	T	T	T			T	T	T	T				T	T		T	T	T	T	T	F		T	T		T		F		T		T	T			T			T			F	F
Niagara Falls	KIAG		T		T	T	T			T	T				T												T	T						T		T	T			T						T	T
Oakland	KOAK									T			T																																	T	T
Ontario	KONT									T			T									T						F						T												F	F
Orlando	KORL			T									T																			F		T												T	T
Philadelphia	KPHL		T	T	T	T	T			T	T		T				T	T		T	T	T	T	F	T		T	T		T		F		T		T				T			T			T	T
Phoenix	KPHX																											F						T												F	F
Pittsburgh	KPIT																										T																			T	T
Pueblo	KPUB																											T																		T	T
San Antonio	KSAT				T						F		T									T						F				F		T									T			F	F
San Diego	KSAN									T			T					T		T		T						F				T		T												F	F
San Francisco	KSFO		F	T						T		T	T					T	T				T					F				T		T												F	F
Seattle-Tacoma	KSEA																											T																		T	T
Stockton	KSCK									T																																				T	T
Tampa	KTPA		F	T	F	F	T	F	T	T	F	T	F	F	F		F	T	F	T			F	T	F		F	F		F	F	F	T	T	T	T				T			F			F	F
Tucson	KTUS																											F						T												F	F
Washington	KIAD		T	T	T	F	T			T	T		T				T			T	T	T	T		T		T	T		T		T		T		T				T			T			T	T
West Palm Beach	KPBI		F	T	F	F	T	F	T	T	F	T	F	F	F		F	T	F	T			F	T	F	F	F	F		F	F	F	T	T						T			F			F	F
Windsor Locks	KBDL		T		T	T	T																				T	T						T						T						T	T
PAC																																															
FRENCH POLYNESIA																																															
Rangiroa	NTTG											F																																		F	F
Tahiti	NTAA											F																																		F	F
CHILE																																															
Isla de Pascua	SCIP																																													F	F
SAM																																															
ARGENTINA																																															
Buenos Aires/Aeroparque Jorge Newberry	SABE								F	F		F																					F									F				F	F
Buenos Aires/Don Torcuato	SADD																																													F	F

TO BE AVAILABLE IN/ESTARÁN DISPONIBLES EN

	ICAO Loc. Ind./Ind. Lugar OACI	Anguilla I. (U.K.)	Antigua and Barbuda	Argentina	Aruba (Netherlands)	Bahamas	Barbados	Belize	Bolivia	Brazil	Cayman Is. (U.K.)	Chile	Colombia	Costa Rica	Cuba	Dominica	Dominican Republic	Ecuador	El Salvador	French Antilles (France)	French Guiana (France)	Grenada	Guatemala	Guyana	Haití	Honduras	Jamaica	Mexico	Montserrat I. (U.K.)	Netherland Antilles (Netherlands)	Nicaragua	Panama	Paraguay	Peru	Puerto Rico (U.S.)	Saint Kitts and Nevis	Saint Lucia	S. Vincent and the Grenadines	Suriname	Trinidad and Tobago	Turks and Caicos Islands (U.K.)	Uruguay	Venezuela	Virgin Islands (U.K.)	Virgin Islands (U.S.)	Brasilia/Washington OPMET Data Banks	SADIS and ISCS Uplink Stations/ Estaciones de Enlace Ascendente ISCS y SADIS
Buenos Aires/Ezeiza Ministro Pistarini	SAEZ								F	F		F	T		T		T	T										T				F	F	T								F	T			F	F
Buenos Aires/San Fernando	SADF																																													F	F
Cataratas del Iguazú	SARI									F																							F													F	F
Comodoro Rivadavia	SAVC									T		F																																		F	F
Córdoba	SACO								F	F		F	T					T										T				F	F	F								F	T			F	F
Formosa	SARF																																F													F	F
Jujuy	SASJ								F			F	T																				F	F												F	F
Mar de Plata	SAZM									F		F																					F									F	T			F	F
Mendoza	SAME								F	F		F	T		T			T														F	F	T								F	T			F	F
Neuquen	SAZN								F	F		F	T		T			T															F	F								F	T			F	F
Posadas	SARP																																F													F	F
Resistencia	SARE								F	F		F																					F	F								F	T			F	F
Rio Gallegos	SAWG											F																																		F	F
Rio Grande	SAWE											F																																		F	F
Rosario	SAAR														T																		F	F								F				F	F
Salta	SASA								F			F																					F													F	F
San Carlos de Bariloche	SAZS									T		F																																		F	F
Tucuman	SANT																																F													F	F
Ushuaia	SAWH											F																																		F	F
BOLIVIA																																															
Cobija	*SLCO*																																													*F*	*F*
Cochabamba	SLCB			F						T																						T	F	F									T			F	F
El Trompillo	*SLET*																																													*F*	*F*
La Paz	SLLP			F	F					F		F	F					T										T				F	F	F								F	T			F	F
Potosi	*SLPO*																																													*F*	*F*
Puerto Suarez	*SLPS*																																													*F*	*F*
Santa Cruz	SLVR			F						F		F	F																			F	F	F								F	T			F	F
Sucre	*SLSU*																																													*F*	*F*
Tarija	SLTJ			F						T																						T	F	F									T			F	F
Trinidad	SLTR																																F													F	F
BRAZIL																																															
Belém	SBBE				T		T		F				T		T			T			F			F				T		F		F							F				F			F	F
Belo Horizonte	SBCF								T			T																					T	T												F	F
Boa Vista	SBBV								T												F			F															F				F			F	F
Brasilia	SBBR			F					F			T	T					T															F	T									T			F	F
Campinas	SBKP			F					F			T	T					T															F	T								F	T			F	F
Campo Grande	SBCG			T					F																								F												F	F	F
Corumba	SBCR																																F													F	F
Cruzeiro do Sul	SBCZ																																													F	F
Cuiaba	SBCY			T	T		T		F				T		T						F			F				T		F		T	F	T									F			F	F
Curitiba	SBCT			T					F																								F													F	F

TO BE AVAILABLE IN/ESTARÁN DISPONIBLES EN

	ICAO Loc. Ind./Ind. Lugar OACI	Anguilla I. (U.K.)	Antigua and Barbuda	Argentina	Aruba (Netherlands)	Bahamas	Barbados	Belize	Bolivia	Brazil	Cayman Is. (U.K.)	Chile	Colombia	Costa Rica	Cuba	Dominica	Dominican Republic	Ecuador	El Salvador	French Antilles (France)	French Guiana (France)	Grenada	Guatemala	Guyana	Haití	Honduras	Jamaica	Mexico	Montserrat I. (U.K.)	Netherland Antilles (Netherlands)	Nicaragua	Panama	Paraguay	Peru	Puerto Rico (U.S.)	Saint Kitts and Nevis	Saint Lucia	S. Vincent and the Grenadines	Suriname	Trinidad and Tobago	Turks and Caicos Islands (U.K.)	Uruguay	Venezuela	Virgin Islands (U.K.)	Virgin Islands (U.S.)	Brasilia/Washington OPMET Data Banks	SADIS and ISCS Uplink Stations/ Estaciones de Enlace Ascendente ISCS y SADIS
Florianapolis	SBFL			F																												F														F	F
Fortaleza	SBFZ			T								T									F												F													F	F
Foz do Iguacu	SBFI			F								T																					F	T												F	F
Macapá	SBMQ				T		T		F				T		T			T			F			F				T		F		F							F				F			F	F
Maceió	SBMO																																												F	F
Manaus	SBEG			T	T		T		F				T		T						F			F				T		F		T	F	T									F			F	F
Natal	SBNT			T								T																					T													F	F
Ponta Porá	SBPP																																F													F	F
Porto Alegre	SBPA			F					T			F	T																				F	T								F	T			F	F
Recife	SBRF			T								T																					F													F	F
Rio de Janeiro	SBGL			F					F			F	T					T															F	T								F	T			F	F
Salvador	SBSV			T								T																					F	T								F	T			F	F
Santarem	SBSN						T		F				T																			F											F			F	F
Sao Luis	SBSL																				F																								F	F
Sao Paulo	SBGR			F					F			F	T		T			T														F	F	T								F	T			F	F
Tabatinga	SBTT								F	F	T																							F												F	F
Uruguaiana	SBUG																																												F	F
CHILE																																															
Antofagasta	SCFA			F					F	T			T																			F		F												F	F
Arica	SCAR			F					F				T																			F	F	F												F	F
Balmaceda	*SCBA*																																												*F*	*F*
Calama	*SCCF*																																												*F*	*F*
Concepción	SCIE			F						T								T															F	F								F	T			F	F
Iquique	SCDA								F																								F	T												F	F
La Serena	*SCSE*																																												*F*	*F*
Osorno	*SCJO*																																												*F*	*F*
Puerto Montt	SCTE			F																														T												F	F
Punta Arenas	SCCI			F																																										F	F
Santiago/Arturo Merino Benitez	SCEL			F					F	F			T					T														F	F	F								F	T			F	F
COLOMBIA																																															
Barranquilla	SKBQ				F				F	F		T		F	F		F	F	T	T			T		T	F	F	T		F	F	F		F	F								F			F	F
Bucaramanga	*SKBG*																																												*F*	*F*
Cali	SKCL			T	F				F	F		T						F				T					F	T		F		F		F	T								F			F	F
Cartagena	SKCG			T	F										T											F						F		T									F			F	F
Cucuta	SKCC																															F														F	F
Leticia	SKLT								F	F	T																							F												F	F
Pereira	*SKPE*																																												*F*	*F*
Rionegro	SKRG									F		T						F				T				F	F			F		F		T												F	F
San Andrés I.	SKSP													F	F				F				F			F	F				F	F														F	F
Santa Fe de Bogota	SKBO			T	F				F	F		T		F	F		T	F		T		T				F	F	T		F		F		F	T					F			F			F	F
ECUADOR																																															

		TO BE AVAILABLE IN/ESTARÁN DISPONIBLES EN																																											
	ICAO Loc. Ind./Ind. Lugar OACI	Anguilla I. (U.K.)	Antigua and Barbuda	Argentina	Aruba (Netherlands)	Bahamas	Barbados	Belize	Bolivia	Brazil	Cayman Is. (U.K.)	Chile	Colombia	Costa Rica	Cuba	Dominica	Dominican Republic	Ecuador	El Salvador	French Antilles (France)	French Guiana (France)	Grenada	Guatemala	Guyana	Haití	Honduras	Jamaica	Mexico	Montserrat I. (U.K.)	Netherland Antilles (Netherlands)	Nicaragua	Panama	Paraguay	Peru	Puerto Rico (U.S.)	Saint Kitts and Nevis	Saint Lucia	S. Vincent and the Grenadines	Suriname	Trinidad and Tobago	Turks and Caicos Islands (U.K.)	Uruguay	Venezuela	Virgin Islands (U.K.)	Virgin Islands (U.S.)	Brasilia/Washington OPMET Data Banks	SADIS and ISCS Uplink Stations/ Estaciones de Enlace Ascendente ISCS y SADIS
Guayaquil	SEGU			T					F	F	T	T	F		T													T		F		F	F	F	T								F			F	F
Latacunga	SELT			T					F	F	T	T	F	T	T													T		F		F	F	F	T								F			F	F
Manta	SEMT								F			T																																		F	F
Quito	SEQU			T					F	F		T	F	T	T													T		F		F		F	T								F			F	F
FRENCH GUIANA (France)																																															
Cayenne	SOCA						F			F								T		F				F						F									F	F			F			F	F
GUYANA																																															
Timehri	SYCJ						F			F			F		F					F	F						F			F		F			F		F		F	F			F			F	F
PANAMA																																															
Bocas del Toro	MPBO																																													F	F
Changuinola	MPCH																																													F	F
David	MPDA			T	F	F			F	F	F	T	F	F	F		F	F	T				F		T	F	F	F		F	F			F	F					F			F			F	F
Panamá/Marco A. Gelabert	MPMG			T	F	F			F	F	F	T	F	F	F		F	F	T				F		T	F	F	F		F	F			F	F					F			F			F	F
Panamá/Tocumen	MPTO			T	F	F			F	F	F	T	F	F	F		F	F	T				F		T	F	F	F		F	F			F	F					F			F			F	F
PARAGUAY																																															
Asuncion	SGAS			F					F	F		F	T															T				T		T								F	T			F	F
Ciudad del Este	SGES			T																														T												F	F
PERU																																															
Andahuaylas	*SPHY*																																													*F*	*F*
Arequipa	SPQU											F																																		F	F
Ayacucho	*SPHO*																																													*F*	*F*
Chiclayo	SPHI			T	T				F	F	T	F	F	T	T			F										T		F		F	F		T								F			F	F
Cuzco	SPZO								F																																					F	F
Iquitos	SPQT									F	T		F																																	F	F
Juliaca	*SPJL*																																													*F*	*F*
Lima-Callao	SPIM			T	T				F	T	T	F	F	T	T			F										T		T		F	F										T			F	F
Pisco	SPSO			T					F	T	T	F	F	T	T			F														F	F										T			F	F
Puerto Maldonado	*SPTU*																																													*F*	*F*
Tacna	SPTN			T					F			F																																		F	F
Talara	*SPYL*																																													*F*	*F*
Trujillo	SPRU			T	T				F	T	T	F	F	T	T			F										T		T		F	F										T			F	F
Tumbes	*SPME*																																													*F*	*F*

		TO BE AVAILABLE IN/ESTARÁN DISPONIBLES EN																																													
	ICAO Loc. Ind./Ind. Lugar OACI	Anguilla I. (U.K.)	Antigua and Barbuda	Argentina	Aruba (Netherlands)	Bahamas	Barbados	Belize	Bolivia	Brazil	Cayman Is. (U.K.)	Chile	Colombia	Costa Rica	Cuba	Dominica	Dominican Republic	Ecuador	El Salvador	French Antilles (France)	French Guiana (France)	Grenada	Guatemala	Guyana	Haití	Honduras	Jamaica	Mexico	Montserrat I. (U.K.)	Netherland Antilles (Netherlands)	Nicaragua	Panama	Paraguay	Peru	Puerto Rico (U.S.)	Saint Kitts and Nevis	Saint Lucia	S. Vincent and the Grenadines	Suriname	Trinidad and Tobago	Turks and Caicos Islands (U.K.)	Uruguay	Venezuela	Virgin Islands (U.K.)	Virgin Islands (U.S.)	Brasilia/Washington OPMET Data Banks	SADIS and ISCS Uplink Stations/ Estaciones de Enlace Ascendente ISCS y SADIS
SURINAME																																															
New Nickerie	SMNI						F			F			F					T		F	F			F	T					F				T	F					F			F			F	F
Paramaribo	SMZO																							F																						F	F
Zandery	SMJP						F			F			F					T		F	F			F	T					F				T	F					F			F			F	F
URUGUAY																																															
Colonia	SUCA			F																													F													F	F
Maldonado	SULS			F						F																							F	F												F	F
Montevideo/Angel S. Adami Intl.	SUAA			F																																										F	F
Montevideo/Carrasco Intl.	SUMU			F					F	F		F	T		T													T					F	F									T			F	F
Rivera/Presidente Gral. Oscar D. Gestido Intl.	SURV																																F													F	F
Salto	SUSO																																F													F	F
VENEZUELA																																															
Acarigua	*SVAC*																																													*F*	*F*
Barcelona	SVBC																																							F						F	F
Barinas	*SVBI*																																													*F*	*F*
Barquisimeto	*SVBM*																																													*F*	*F*
Calabozo	*SVCL*																																													*F*	*F*
Caracas/B.A. Gen. F. de Miranda	*SVFM*																																													*F*	*F*
Caracas/Simón Bolívar	SVMI		F	T	F	F	F		F	F		T	F		F	F	F	F		F	F	F	T	F	F		F	T		F		F		T	F	F	F		F	F					F	F	F
Ciudad Bolivar	*SVCB*																																													*F*	*F*
Coro	*SVCR*																																													*F*	*F*
Cumana	*SVCU*																																													*F*	*F*
Guanare	*SVGU*																																													*F*	*F*
Guiria	*SVGI*																																													*F*	*F*
Higuerote	*SVHG*																																													*F*	*F*
Maracaibo	SVMC			T	F	F			T	T			F		F		F	F					T				F	T		F		F		T	F											F	F
Margarita	SVMG			T	T		F			T			F					F		F			T					T		F		F			F				F	F						F	F
Maturin	*SVMT*																																													*F*	*F*
Merida	*SVMD*																																													*F*	*F*
Paraguana	SVJC																																													F	F
Puerto Ayacucho	*SVPA*																																													*F*	*F*
San Antonio del Táchira	SVSA																															F														F	F
San Fernando de Apure	*SVSR*																																													*F*	*F*
San Juan de los Morros	*SVJM*																																													*F*	*F*
Santo Domingo	*SVSO*																																													*F*	*F*
Tumeremo	*SVTM*																																													*F*	*F*
Valencia	SVVA		F	T	F	F	F		F	F		T	F		F	F	F	F		F	F	F	T	F	F		F	T		F		F		T	F	F	F		F	F					F	F	F
Valle de la Pascua	*SVVP*																																													*F*	*F*

Table MET 2B — Tableau MET 2B — Tabla MET 2B

EXCHANGE OF SIGMET AND SPECIAL AIREP MESSAGES
ÉCHANGE DE MESSAGES SIGMET ET DE MESSAGES AIREP SPÉCIAUX
INTERCAMBIO DE MENSAJES SIGMET Y AIREP ESPECIALES

EXPLANATION OF THE TABLE

S =SIGMET, SIGMET with OUTLOOK (for volcanic ash and/or tropical cyclones) and special AIREP

s =SIGMET and special AIREP

s' =SIGMET with OUTLOOK (for volcanic ash and/or tropical cyclones)

Note.— The first column refers to Meteorological Watch Offices (MWOs).

EXPLICATION DU TABLEAU

S = SIGMET, SIGMET avec OUTLOOK (pour les cendres volcaniques et les cyclones tropicaux) et AIREP spéciaux

s = SIGMET et AIREP spéciaux

s' = SIGMET avec OUTLOOK (pour les cendres volcaniques et les cyclones tropicaux)

Note.— La première colonne indique le centre de veille météorologique (MWO).

EXPLICACIÓN DE LA TABLA

S =SIGMET, SIGMET con PROYECCIÓN (para cenizas volcánicas y ciclones tropicales) y AIREP especiales

s =SIGMET y AIREP especiales

s' =SIGMET con PROYECCIÓN (para cenizas volcánicas y ciclones tropicales)

Nota.— La primera columna se refiere a las Oficinas de vigilancia meteorológica (MWO).

TO BE AVAILABLE IN/ESTARÁN DISPONIBLE EN

FROM/DE	ICAO Loc. Ind./Lugar OACI	Anguilla I. (U.K.)	Antigua and Barbuda	Argentina	Aruba (Netherlands)	Bahamas	Barbados	Belize	Bolivia	Brazil	Cayman Is. (U.K.)	Chile	Colombia	Costa Rica	Cuba	Dominica	Dominican Republic	Ecuador	El Salvador	French Antilles (France)	French Guiana (France)	Grenada	Guatemala	Guyana	Haití	Honduras	Jamaica	Mexico	Montserrat I. (U.K.)	Netherland Antilles (Netherlands	Nicaragua	Panama	Paraguay	Peru	Puerto Rico (U.S.)	Saint Kitts and Nevis	Saint Lucia	St. Vincent and the Grenadines	Suriname	Trinidad and Tobago	Turks and Caicos Islands (U.K.)	Uruguay	Venezuela	Virgin Islands (U.K.)	Virgin Islands (U.S.)	Vienna Data Bank	Brasilia/Washington OPMETData Banks	SADIS and ISCS Uplink Stations/ Estaciones de Enlance Ascendente ISCS y SADIS
AFI																																																
CANARY ISLANDS (SPAIN)																																																
Las Palmas	GCLP			S					s'	S	s'	S				s'	s'			S								s'		s'		s'	S	s'						s'		s'	s'				S	S
CAPE VERDE																																																
Sal I.	GVAC								S	S				s'						S			s'																S	S			s'				S	S
GAMBIA																																																
Banjul	GBYD																		S																												S	S
GHANA																																																
Accra	DGAA								s	S																																					S	S
SENEGAL																																																
Dakar	GOOY			S					S	S																														S		s'					S	S
SOUTH AFRICA																																																
Cape Town	FACT			S					s	S																																					S	S
Johannesburg	FAJS			S					s	S																																					S	S
CAR																																																
CUBA																																																
Habana	MUHA			S		S			S	S		S	S				S	s'						S	S	S	S	S		S		S	S	S	S					S			S			s'	S	S
DOMINICAN REPUBLIC																																																
Santo Domingo	MDSD					s'				S			s'		S					S	S			S	S	S	S	S		S		S			S					s'			S	s'		s'	S	S
HAITI																																																
Port-au-Prince	MTPP					S				S			S		S		S			S						S	S	S		S		S			S					s'			S			s'	S	S

	TO BE AVAILABLE IN/ESTARÁN DISPONIBLE EN																																															
	ICAO Loc. Ind./Ind. Lugar OACI	Anguilla I. (U.K.)	Antigua and Barbuda	Argentina	Aruba (Netherlands)	Bahamas	Barbados	Belize	Bolivia	Brazil	Cayman Is. (U.K.)	Chile	Colombia	Costa Rica	Cuba	Dominica	Dominican Republic	Ecuador	El Salvador	French Antilles (France)	French Guiana (France)	Grenada	Guatemala	Guyana	Haití	Honduras	Jamaica	Mexico	Montserrat I. (U.K.)	Netherland Antilles (Netherlands	Nicaragua	Panama	Paraguay	Peru	Puerto Rico (U.S.)	Saint Kitts and Nevis	Saint Lucia	St. Vincent and the Grenadines	Suriname	Trinidad and Tobago	Turks and Caicos Islands (U.K.)	Uruguay	Venezuela	Virgin Islands (U.K.)	Virgin Islands (U.S.)	Vienna Data Bank	Brasilia/Washington OPMETData Banks	SADIS and ISCS Uplink Stations/ Estaciones de Enlance Ascendente ISCS y SADIS
FROM/DE																																																
HONDURAS																																																
Tegucigalpa*	MHTG									S			S	s'	S		S	s'	s'				s'		S		S	s'		S	s'	S	S	S	S								S			s'	S	S
JAMAICA																																																
Kingston	MKJP			S		S				S		S	S		S		s'	s'			S			S	S	S		S		S		S		S	S					S			S			s'	S	S
MEXICO																																																
Mexico	MMMX			S		S	s'		S	S			S		S		S	S							s'	S	S			s'		S	S	S	S					s'			S			s'	S	S
NETHERLAND ANTILLES (Netherlands)																																																
Willemstad	TNCC			S		S	s'			S			S		S		S	S		S	S			S	S	S	S	S				S		S	S				S	S			S			s'	S	S
TRINIDAD AND TOBAGO																																																
Port-of-Spain	TTPP			S		s'				S			s'		s'		S			S	S			S	S		S	s'		S		s'		S	S				S				S			s'	S	S
EUR																																																
FRANCE																																																
Toulouse	LFPW									S											S																										S	S
ITALY																																																
Milano	LIMM			S						S							S																										s'				S	S
Roma	LIIB									S					s'		S																														S	S
PORTUGAL																																																
Lisboa	LPPT			S						S			s'		s'		S			S	S									s'					S					S			S				S	S
UNITED KINGDOM																																																
London/Bracknell	EGRR		s'	S		s'	s'		s'	S																	s'	s'		s'		s'			s'		s'			s'			s'				s'	s'

*The Tegucigalpa MWO serves Central American FIR/SSR, which is under Corporation Centroamericana para los Servicios de Navegacion Aerea (COCESNA)'s responsability, comprising Belize, Costa Rica, El Salvador, Guatemala, Honduras and Nicaragua.

*La MWO de Tegucigalpa presta servicios a la FIR/SSR de Centroamérica, que está a cargo de la Corporación Centroamericana para los Servicios de Navegación Aérea (COCESNA), conformada por Belice, Costa Rica, El Salvador, Guatemala, Honduras y Nicaragua.

TO BE AVAILABLE IN/ESTARÁN DISPONIBLE EN

FROM/DE	ICAO Loc. Ind./Ind. Lugar OACI	Anguilla I. (U.K.)	Antigua and Barbuda	Argentina	Aruba (Netherlands)	Bahamas	Barbados	Belize	Bolivia	Brazil	Cayman Is. (U.K.)	Chile	Colombia	Costa Rica	Cuba	Dominica	Dominican Republic	Ecuador	El Salvador	French Antilles (France)	French Guiana (France)	Grenada	Guatemala	Guyana	Haití	Honduras	Jamaica	Mexico	Montserrat I. (U.K.)	Netherland Antilles (Netherlands	Nicaragua	Panama	Paraguay	Peru	Puerto Rico (U.S.)	Saint Kitts and Nevis	Saint Lucia	St. Vincent and the Grenadines	Suriname	Trinidad and Tobago	Turks and Caicos Islands (U.K.)	Uruguay	Venezuela	Virgin Islands (U.K.)	Virgin Islands (U.S.)	Vienna Data Bank	Brasilia/Washington OPMETData Banks	SADIS and ISCS Uplink Stations/ Estaciones de Enlance Ascendente ISCS y SADIS
NAM																																																
CANADA																																																
Toronto	CWTO									S							S							S				s'									s'										S	S
UNITED STATES																																																
Kansas City	KKCI	S	S	S	S	S	S		S	S	S	S	S		S	S	S	S		S	S	S		S	S	S	S	S	S	S		S	S	S	S	S	S	S	S	S	S	S	S	S	S		S	S
PAC																																																
CHILE																																																
Isla de Pascua	SCIP									S																																					S	S
SAM																																																
ARGENTINA																																																
Buenos Aires/Aeroparque, Jorge Newberry	SABE								S	S		S	s'		s'		S	s'									s'	s'		s'			S	S						s'		S				s'	S	S
Comodoro Rivadia	SAVC									S		S																														S				s'	S	S
Córdoba	SACO								S	S		S					S																S	S								S				s'	S	S
Mendoza	SAME									S		S																					S									S				s'	S	S
Resistencia	SARE								S	S		S																					S	S								S				s'	S	S
BOLIVIA																																																
La Paz	SLLP				S					S		S	S																			S	S	S									S			s'	S	S
BRAZIL																																																
Amazónico	SBEG								S			S	S		S		S	S			S			S	S		S			S		S	S	S	S				S	S		S	S			s'	S	S
Brasilia	SBBR			S					S			S	S				S	S															S	S	S							S	S			s'	S	S
Curitiba	SBCT			S					s'			S																					S	S								S	S			s'	S	S
Recife	SBRF																				S												S						S			S				s'	S	S

TO BE AVAILABLE IN/ESTARÁN DISPONIBLE EN

FROM/DE	ICAO Loc. Ind./Ind. Lugar OACI	Anguilla I. (U.K.)	Antigua and Barbuda	Argentina	Aruba (Netherlands)	Bahamas	Barbados	Belize	Bolivia	Brazil	Cayman Is. (U.K.)	Chile	Colombia	Costa Rica	Cuba	Dominica	Dominican Republic	Ecuador	El Salvador	French Antilles (France)	French Guiana (France)	Grenada	Guatemala	Guyana	Haití	Honduras	Jamaica	Mexico	Montserrat I. (U.K.)	Netherland Antilles (Netherlands	Nicaragua	Panama	Paraguay	Peru	Puerto Rico (U.S.)	Saint Kitts and Nevis	Saint Lucia	St. Vincent and the Grenadines	Suriname	Trinidad and Tobago	Turks and Caicos Islands (U.K.)	Uruguay	Venezuela	Virgin Islands (U.K.)	Virgin Islands (U.S.)	Vienna Data Bank	Brasilia/Washington OPMETData Banks	SADIS and ISCS Uplink Stations/ Estaciones de Enlace Ascendente ISCS y SADIS
CHILE																																																
Antofagasta	SCFA			S					S	S			S					S														S	S	S											s'	S	S
Puerto Montt	SCTE									S																																					S	S
Punta Arenas	SCCI			S						S																																S				s'	S	S
Santiago	SCEL			S					S	S			s'		s'		S	s'									s'					S	S	S								S	s'			s'	S	S
COLOMBIA																																																
Santa Fe de Bogota	SKBO			S					S	S		S			S		S	S			S			S	s'	S	S	S		S		S		S	S					s'			S	s'		s'	S	S
ECUADOR																																																
Guayaquil	SEGU			S					S	S		S	S		S											s'		S		S		S		S									S			s'	S	S
FRENCH GUIANA (France)																																																
Cayenne	SOCA					s'				S					s'					S				S				s'		S									S	S			S			s'	S	S
GUYANA																																																
Timehri	SYCJ			S						S					S		S				S						s'			S				S	S				S	S			S			s'	S	S
PANAMA																																																
Panamá/Tocumen	MPTO			S		S	s'		S	S		S	S		s'		S	S							s'	S	S	S		S				S	S					s'		S	S			s'	S	S
PARAGUAY																																																
Asuncion	SGAS								S	S		S																						S								S				s'	S	S
PERU																																																
Lima-Callao	SPIM			S					S	S		S	S		s'		S	S		S						s'	s'	S		S		S	S							s'		S	S			s'	S	S
SURINAME																																																
Zandery	SMJP									S							s'				S			S	s'		s'			S		s'		S	S					S			S			s'	S	S
URUGUAY																																																
Montevideo/Carrasco Intl.	SUMU			S					S	S		S	S																				S	S									S			s'	S	S
VENEZUELA																																																
Caracas	SVMI			S		S			S	S		S	S		S		S	S		S	S			S	S	S	S	S		S		S	S	S	S				S	S		s'				s'	S	S

Table MET 3A — Tableau MET 3A — Tabla MET 3A

TROPICAL CYCLONE ADVISORY CENTRE
CENTRE D’AVIS DE CYCLONES TROPICAUX
CENTRO DE AVISOS DE CICLONES TROPICALES

EXPLANATION OF THE TABLE

Column

1 Location of the tropical cyclone advisory centre (TCAC).

2 Area of responsibility for the preparation of advisory information on tropical cyclones by the TCAC in Column 1.

3 Period of operation of the TCAC.

4 MWO to which the advisory information on tropical cyclones should be sent.

5 Location indicator assigned to the MWO in Column 4.

EXPLICATION DU TABLEAU

Colonne

1 Emplacement du centre d’avis de cyclones tropicaux (TCAC).

2 Zone pour laquelle le TCAC indiqué dans la colonne 1 doit produire les renseignements consultatifs sur les cyclones tropicaux.

3 Période de fonctionnement du TCAC.

4 MWO auxquels les renseignements consultatifs sur les cyclones tropicaux devraient être communiqués.

5 Indicateurs d’emplacement OACI des MWO indiqué dans la colonne 4.

EXPLICACIÓN DE LA TABLA

Columna

1 Lugar del centro de avisos de ciclones tropicales (TCAC).

2 Zona de responsabilidad para la preparación de la información de asesoramiento sobre ciclones tropicales por el TCAC en la Columna 1.

3 Período de operación del TCAC.

4 MWO a la que debe enviarse la información de asesoramiento sobre ciclones tropicales.

5 Indicador de lugar de la OACI asignado a la MWO de la Columna 4.

Table MET 3A — Tableau MET 3A —Tabla MET 3A

Tropical cyclone advisory centre Centre d'avis de cyclones tropicaux Centro de avisos de ciclones tropicales	Area of responsibility Zone de responsabilité Zona de responsabilidad	Period of operation Période de fonctionnement Período de operación	MWO to which advisory information is to be sent MWO auquel les renseignements consultatifs doivent être communiqués MWO a la que debe enviarse información de asesoramiento	
			Name Nom Nombre	ICAO Loc Ind. Ind. d'empl. OACI Ind. De lugar OACI
1	2	3	4	5
Miami (United States) (États-Unis) (Estados Unidos)	Tropical Atlantic, Caribbean Sea, Gulf of Mexico Relevant parts of the Pacific East of E180º Atlantique tropical, mer des Caraïbes, golfe du Mexique Parties concernées du Pacifique à l'est de 180ºE Atlántico Tropical, Mar del Caribe, Golfo de México Partes pertinentes del Pacífico al este de los 180º E	1 June – 30 November 1er juin – 30 novembre 1 de junio – 30 noviembre	Bogotá Caracas Cayenne Timehri Habana Kingston México Kansas City Panama Port of Spain Port-au-Prince Recife Santo Domingo Tegucigalpa Willemstad Zandery	SKBO SVMI SOCA SYCJ MUHA MKJP MMMX KKCI MPTO TTPP MTPP SBRF MDSD MHTG TNCC SMJP

Table MET 3B — Tableau MET 3B — Tabla MET 3B

VOLCANIC ASH ADVISORY CENTRE
CENTRO DE AVISOS DE CENIZAS VOLCÁNICAS

EXPLANATION OF THE TABLE

Column	
1	Location of the volcanic ash advisory centre (VAAC).
2.	ICAO location indicator of VAAC (for use in the WMO heading of advisory bulletin).
3	Area of responsibility for the preparation of advisory information on volcanic ash by the VAAC in Column 1.
4	MWOs to which the advisory information on volcanic ash should be sent.
5	ICAO locations indicators assigned to the MWOs in Column 4
6	ACC to which the advisory information on volcanic ash should be sent.
7	ICAO location indicator assigned to the ACC in Column 6.

EXPLICACIÓN DE LA TABLA

Columna	
1	Lugar del centro de avisos de cenizas volcánicas (VAAC).
2	Indicador de lugar de la OACI asignado al 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	MWO a la que debe enviarse información de asesoramiento sobre cenizas volcánicas.
5	Indicador de lugar de la OACI asignado al ACC de la Columna 4.
6	ACC al que debe enviarse información de asesoramiento sobre cenizas volcánicas.
7	Indicador de lugar de la OACI asignado al ACC de la Columna 6.

Table MET 3B — Tableau MET 3B — Tabla MET 3B

Volcanic ash advisory center Centro de avisos de cenizas volcánicas	ICAO Loc Ind. Ind. De lugar OACI	Area of responsibility Zona de responsabilidad	MWO to which advisory information is to be sent MWO a la que debe enviarse información de asesoramiento		ACC to which advisory information is to be sent ACC a la que debe enviarse información de asesoramiento	
			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
Buenos Aires (Argentina)	SABM	South of S10° between W10° and W90° Al sur de los 10°S entre 10°W y 90°W	Amazónica	SBEG	Amazónico	SBAZ
			Antofagasta	SCFA	Antofagasta	SCFZ
			Asunción	SGAS	Asunción	SGFA
			Brasilia	SBBR	Brasilia	SBBS
			Buenos Aires (Aeroparque)	SABE	Ezeiza	SAEF/ SAEU
			Comodoro Rivadavia	SAVC	Comodoro Rivadavia	SAVF/ SAVU
			Córdoba	SACO	Córdoba	SACF/ SACU
			Curitiba	SBCT	Curitiba	SBCW
			La Paz	SLLP	La Paz	SLLF
			Lima-Callao	SPIM	Lima	SPIM
			Mendoza	SAME	Mendoza	SAMF/ SAMV
			Montevideo	SUMU	Montevideo	SUEO
			Puerto Montt	SCTE	Puerto Montt	SCTZ
			Punta Arenas	SCCI	Punta Arenas	SCCZ
			Recife	SBRF	Recife	SBRE
			Recife	SBRF	Atlántico	SBAO
			Resistencia	SARE	Resistencia	SARR/ SARU
			Santiago	SCEL	Santiago	SCEZ
Washington (United States) (États-Unis) (Estados Unidos)	KNES	North of S10° 140°W Al norte de los 10°S 140°W New York Oceanic* Oakland Oceanic* United States Continental FIRs*	Amazonico	SBEG	Amazonico	SBAZ
			Caracas	SVMI	Maiquetía	SVZM
			Cayenne	SOCA	Rochambeau	SOOO
			Guayaquil	SEGU	Guayaquil	SEGU
			Habana	MUHA	Habana	MUFH
			Kansas City	KKCI	Houston Oceanic	KZHU
			Kansas City	KKCI	Miami Oceanic	KZMA
			Kansas City	KKCI	Nassau	MYNA
			Kansas City	KKCI	San Juan	TJZS
			Kingston	MKJP	Kingston	MKJK
			Lima - Callao	SPIM	Lima	SPIM
			México	MMMX	Mazatlán	MMZT
			México	MMMX	México	MMEX
			Panamá	MPTO	Panamá	MPZL
			Port of Spain	TTPP	Piarco	TTZP
			Port-au-Prince	MTPP	Port-au-Prince	MTEG
			Recife	SBRF	Recife	SBRE
			Recife	SBRF	Atlantico	SBAO
			Santa Fe de Bogotá	SKBO	Barranquilla	SKEC
			Santa Fe de Bogotá	SKBO	Bogotá	SKED
			Santo Domingo	MDSD	Santo Domingo	MDCS
			Tegucigalpa	MHTG	Central American	MHTG
			Timehri	SYCJ	Georgetown	SYGC
			Willemstad	TNCC	Curacao	TNCF
			Zandery	SMJP	Paramaribo	SMPM

* Requirement shown in NAM, NAT and PAC Regional Air Navigation Plans/
Requisito mostrado en los planes regionales de navegación aérea NAM, NAT y PAC.

Editorial Note/Nota Editorial.—Replace FASID Chart MET 3 by the following new version/Reemplace el Mapa MET 3 dell FASID por la siguiente nueva versión

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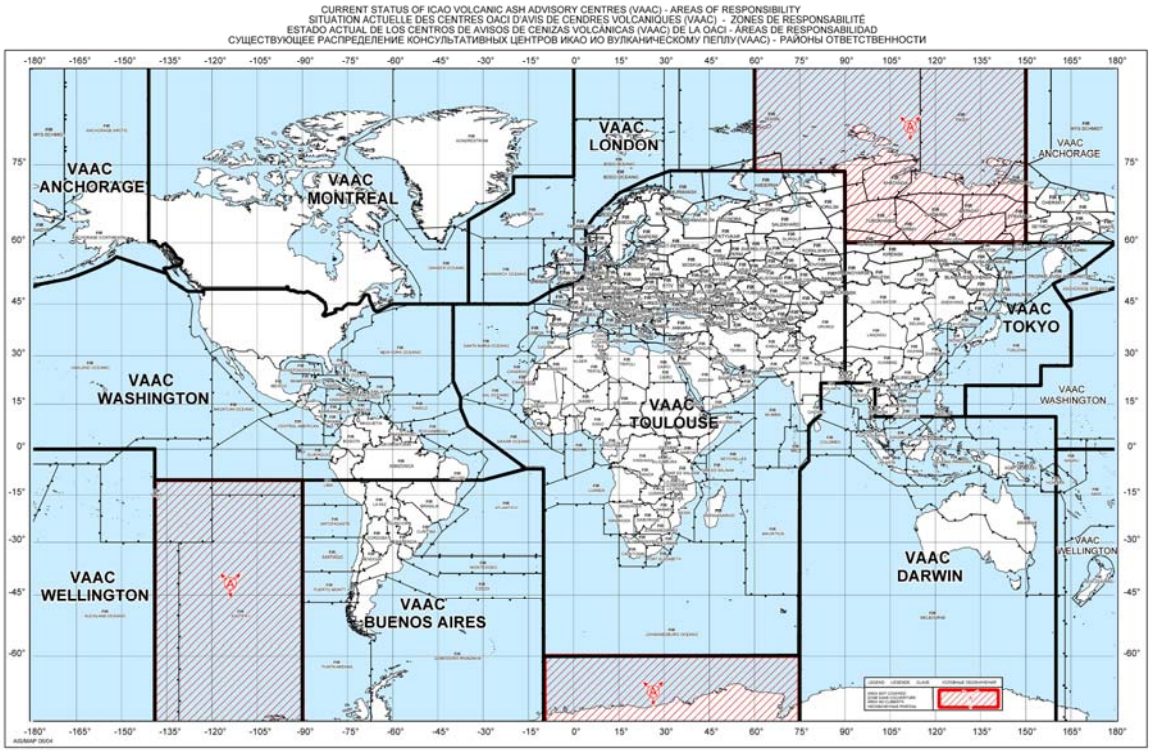
MAP OF AREAS OF RESPONSIBILITY OF VAAC AND CORRESPONDING FIR/ MAPA DE LAS ZONAS DE RESPONSABILIDAD DE LOS VAAC Y SUS CORRESPONDIENTES FIR



CURRENT STATUS OF ICAO VOLCANIC ASH ADVISORY CENTRES (VAAC) - AREAS OF RESPONSIBILITY
SITUATION ACTUELLE DES CENTRES OACI D'AVIS DE CENDRES VOLCANIQUES (VAAC) - ZONES DE RESPONSABILITÉ
ESTADO ACTUAL DE LOS CENTROS DE AVISOS DE CENIZAS VOLCÁNICAS (VAAC) DE LA OACI - ÁREAS DE RESPONSABILIDAD
СУЩЕСТВУЮЩЕЕ РАСПРЕДЕЛЕНИЕ КОНСУЛЬТАТИВНЫХ ЦЕНТРОВ ИКАО ИО ВУЛКАНИЧЕСКОМУ ПЕПЛУ(VAAC) - РАЙОНЫ ОТВЕТСТВЕННОСТИ

—END/FIN—

|*Nota Editorial. — Incluir nueva tabla*

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 Provider State of the volcano observatory.

2 Name of the volcano observatory.

3 Location of the volcanic ash advisory centre (VAAC) to which the information related to pre-eruption volcanic activity, a volcanic eruption and/or volcanic ash cloud should be sent.

4 Area control centre (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 assigned to the ACC in Column 4.

6. Meteorological watch office (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 Estado Proveedor del observatorio de volcanes.

2 Nombre del observatorio de volcanes.

3 Centro de aviso de ceniza volcánica (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 Centro de Control de Área (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 asignado al ACC de la Columna 4.

6 Oficina de vigilancia meteorológica (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	SAMF/ SAMV	Mendoza	SAME
			Resistencia	SARR/ SARU	Resistencia	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	SKEC	Santa Fe de Bogotá	SKBO
			Bogotá	SKED	Santa Fe de Bogotá	SKBO
Costa Rica	Observatorio de volcanes y Sismológico de Costa Rica, (OVSICORI-UNA), Heredia Obs. Sismológicao y vulcanológico de Arenal y Miravalles, San José	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, El Salvador	Washington	Central American	MHTG	Tegucigalpa	MHTG
French Antilles (France)	GUADELOUPE, Observatoire volcanologique de la Soufriere	Washington	Piarco	TTZP	Port of Spain	TTPP
	MARTINIQUE, Observatoire volcanologique de la Pelée	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	MMZT	México	MMMX
			México	MMEX	México	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.—- Contact information of VAACs is shown in Doc 9766, Part 4 and contact information of volcano observatories, ACCs and MWOs is shown in Doc 9766 Part 5, available at web page: www.icao.int.

Nota.— La información de contacto de los VAAC se presenta en la parte 4 del Doc 9766 y la información de contacto de los observatorios de volcanes, de los ACC y de las MWO se presenta en la Parte 5 del Doc 9766, disponible en la página web: www.icao.int.

TABLE MET 5/TABLA MET 5

REQUIREMENTS FOR WAFS PRODUCTS

REQUISITOS DE INFORMACIÓN ELABORADA POR EL WAFS

EXPLANATION OF THE TABLE

Column

1 WAFS products 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 Productos 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 CHART/MAPA (FL 250 – 630)	[A, B, B1, C, D, E, F, G, H, I, J, K, M]
SWM/SWH CHART/MAPA (FL 100 - 450)	NIL
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, and of altitude of flight levels in the GRIB code form Pronósticos de vientos en altitud, temperatura y humedad en altitud, y de niveles de vuelo en altitud en la clave GRIB	Global/ Mundial

Note 1.— Combined SWM/SWH charts are provided for limited geographical areas as determined by regional air navigation agreement. The chart covers the SWH range only up to FL 450.

Nota 1.— Se proporcionan mapas combinados SWM/SWH para zonas geográficas limitadas según se determine por acuerdo regional de navegación aérea. Los mapas cubren solamente el rango del SWH hasta el FL 450.

Note 2.— Note.- WAFCs continue to issue forecasts of SIGWX in chart form until 30 November 2006.

Nota 2.—. Los WAFC continúan emitiendo mapas pronosticados de SIGWX hasta el 30 de noviembre de 2006.

TABLE MET 6/TABLA MET 6

RESPONSIBILITIES OF THE WORLD AREA FORECAST CENTRES

RESPONSABILIDADES DE LOS CENTROS MUNDIALES DE PRONÓSTICOS DE ÁREA

EXPLANATION OF THE TABLE

Column

1	Name of the world area forecast centre (WAFC).
2	Area of coverage of significant weather (SIGWX) forecasts in the BUFR code form prepared or relayed by the WAFC in Column 1.
3	Area of coverage of the SIGWX forecasts in chart form prepared or relayed by the WAFC in Column 1.
4	Area of coverage of upper-wind, temperature, altitude of flight levels and humidity forecasts in the GRIB code form issued by the WAFC in Column 1.

EXPLICACIÓN DE LA TABLA

Columna

1	Nombre del centro mundial de pronósticos de área (WAFC).
2	Zona de cobertura de los pronósticos del tiempo significativo (SIGWX) en la clave BUFR preparados o retransmitidos por el WAFC indicado en la Columna 1.
3	Zona de cobertura de los mapas pronosticados de SIGWX preparados o retransmitidos por el WAFC indicado en la Columna 1.
4	Zona de cobertura de los pronósticos en altitud de viento, temperatura, altitud de niveles de vuelo y humedad en la clave BUFR, emitidos por el WAFC indicado en la Columna 1.

WAFC	Areas of coverage of/Zonas de cobertura de		
	SIGWX forecasts/ Pronósticos de SIGWX		Forecasts of upper-air wind, temperature and humidity, and of altitude of flight levels Pronósticos de vientos en altitud, temperatura y humedad en altitud y de niveles de vuelo en altitud
	In the BUFR code form/ En la clave BUFR	In chart form/ En forma de mapa	In the GRIB code form/En la clave GRIB
1	2	3	4
London	SWH (FL 250 – 630): global/mundial SWM (FL 100 – 250): ASIA SOUTH, EUR and/y MID	SWH (FL 250 – 630): B, C, D, E, G, H and/y K SWM/SWH (FL 100 – 450): ASIA SOUTH, EUR and/y MID	Global /mundial
Washington	SWH: (FL 250 – 630): global/mundial SWM (FL 250 – 250): NAT	SWH (FL 250 – 630): A, B1, F, H, J, I and/y M SWM/SWH (FL 100 – 450): NAT	Global /mundial

Note. — WAFCs continue to issue forecasts of SIGWX in chart form until 30 November 2006

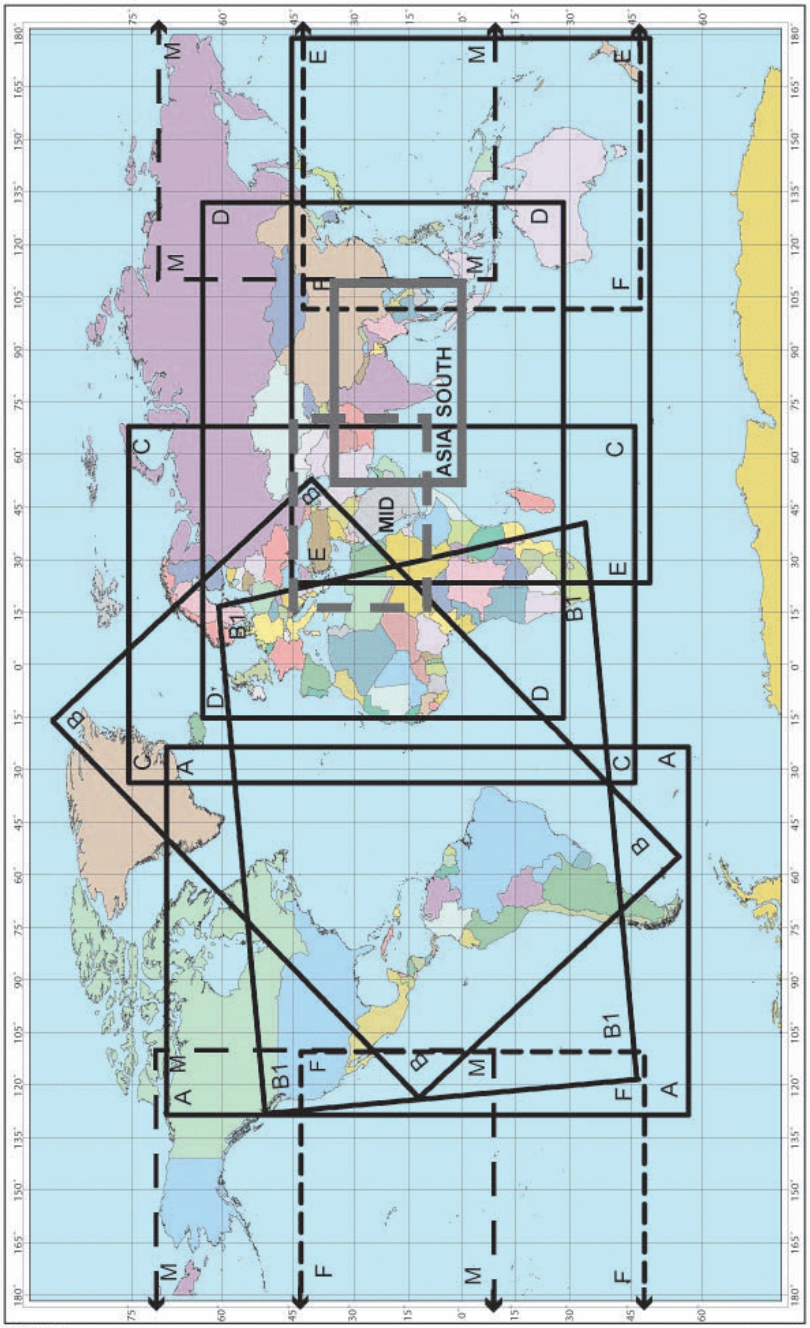
Nota. — Los WAFC continúan emitiendo mapas pronosticados de SIGWX hasta el 30 de noviembre de 2006

ZONAS DE COBERTURA DE DIMENSIONES MAXIMAS DEL WAFS – PROYECCION MERCATOR
WAFS MAXIMUM AREAS OF COVERAGE– MERCATOR PROJECTION

FASID Chart MET 4

WAFS MAXIMUM AREAS OF COVERAGE - MERCATOR PROJECTION
ZONES DE COUVERTURE MAXIMALE DU WAFS - PROJECTION MERCATOR
ZONAS DE COBERTURA DE DIMENSIONES MÁXIMAS DEL WAFS - PROYECCIÓN MERCATOR

CHART MET 4



AIS/MAP 04/1

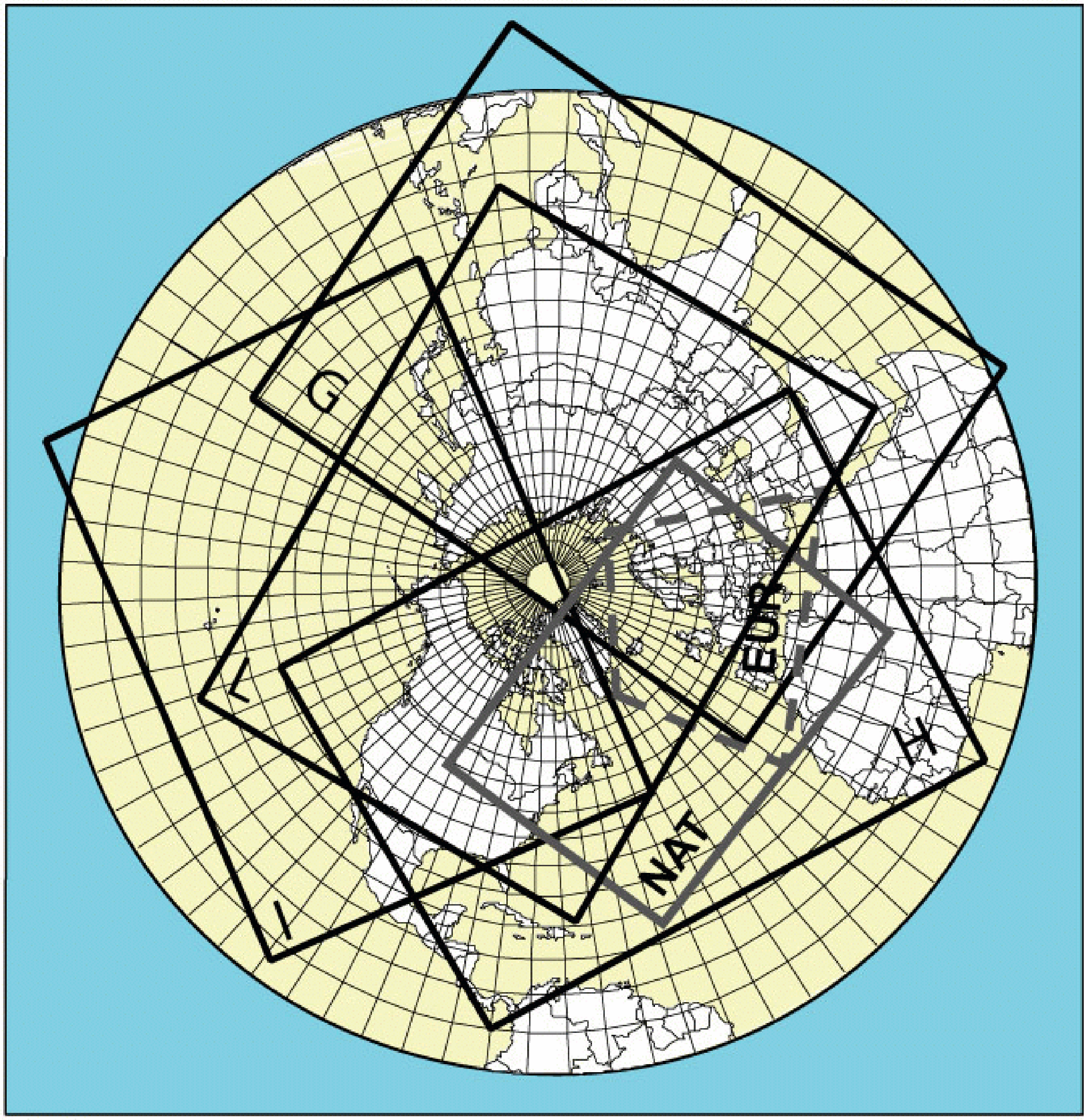
ZONAS DE COBERTURA DE DIMENSIONES MAXIMAS DEL WAFS – PROYECCION ESTEREOGRAFICA POLAR (NORTE)

WAFS MAXIMUM AREAS OF COVERAGE – POLAR STEREOGRAPHIC PROJECTION (NORTH)

FASID Chart MET 5

WAFS MAXIMUM AREAS OF COVERAGE - POLAR STEREOGRAPHIC PROJECTION (NORTH)
ZONES DE COUVERTURE MAXIMALE DU WAFS - PROJECTION STÉRÉOGRAPHIQUE POLAIRE (NORD)
ZONAS DE COBERTURE DE DIMENSIONS MÁXIMAS DEL WAFS - PROYECCIÓN ESTEREOGRÁFICA POLAR (NORTE)

CHART MET 5



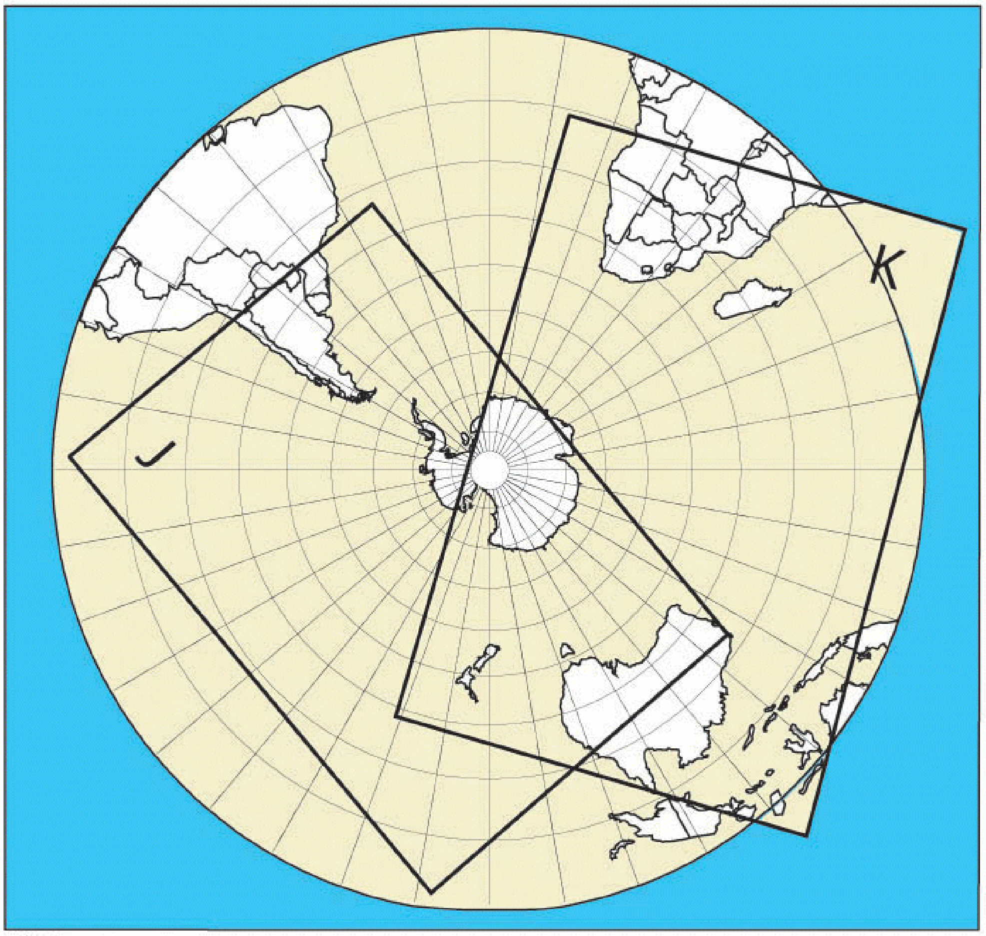
AIS/MAP 04/1

ZONAS DE COBERTURA DE DIMENSIONES MAXIMAS DEL WAFS – PROYECCION ESTEREOGRAFICA POLAR (SUR)
WAFS MAXIMUM AREAS OF COVERAGE – POLAR STEREOGRAPHIC PROJECTION (SOUTH)

FASID Chart MET 6

WAFS MAXIMUM AREAS OF COVERAGE - POLAR STEREOGRAPHIC PROJECTION (SOUTH)
ZONES DE COUVERTURE MAXIMALE DU WAFS - PROJECTION STÉRÉOGRAPHIQUE POLAIRE (SUD)
ZONAS DE COBERTURE DE DIMENSIONS MÁXIMAS DEL WAFS - PROYECCIÓN ESTEREOGRÁFICA POLAR (SUR)

CHART MET 6



AIS/MAP 04/1

TABLE MET 7/TABLA MET 7

AUTHORIZED USERS OF THE ISCS/1 SATELLITE BROADCAST AND THE INTERNET-BASED WAFS FTP SERVICE IN THE CAR/SAM REGIONS

AUTORISÉ DES UTILISATEURS DE L'ISCS/1 AUX DIFFUSIONS PAR SATELLITE ET LE SERVICE FTP DU WAFS BASÉ ON INTERNET DANS LES RÉGIONS CAR/SAM

USUARIOS AUTORIZADOS PARA LA RADIODIFUSIÓN POR SATÉLITE ISCS/1 Y EL SERVICIO FTP DEL WAFS BASADO EN INTERNET EN LAS REGIONES CAR/SAM

EXPLANATION OF THE TABLE

Column

1 Name of the State or territory.

2 User of the satellite broadcast. Abbreviations used:

CAA — civil aviation authority
NMS — national meteorological service
O — other than the civil aviation authority or the national meteorological service.

3 Location of VSAT: town and, where applicable, aerodrome to be indicated.

4 Indication whether the equipment is operational:

2w — two-way VSAT operational
1w — one-way VSAT operational
F — only Internet-based FTP service
[blank] — no.

EXPLICATION DU TABLEAU

Colonne

1 Nom de l'État ou du territoire

2 Utilisateur des diffusions par satellite. Abréviations:

CAA – administration de l'aviation civile
NMS – service météorologique national
O – autre que l'administration de l'aviation civile ou le service météorologique national

3 Emplacement du VSAT: les noms de la localité et, le cas échéant, de l'aérodrome doivent éter indiqués.

4 Indication d'équipament opérationnel:

2w – VSAT bidirectionnel opérationnel
1w – VSAT unidirectionnel opérationnel
F – seulement le service FTP basé on Internet
[néant] – no

EXPLICACIÓN DE LA TABLA

Columna

1 Nombre del Estado o territorio.

2 Usuario de la radiodifusión por satélite. Las abreviaturas empleadas son:

CAA — administración de aviación civil
NMS — servicio meteorológico nacional
O — otros que no sean la administración de aviación civil o el servicio meteorológico nacional.

3 Lugar de la VSAT: ha de indicarse la ciudad y, de ser aplicable, el aeródromo.

4 Indicación si el equipo está operativo:

2w — VSAT operativa en ambos sentidos
1w — VSAT operativa en un sentido
F — sólo el servicio FTP basado en Internet
[en blanco] — no.

International Satellite Communication System (ISCS/1) provided by the United States
Systeme de communications internationales par satellite (ISCS/1) fourni par les États-Unis
Sistema Internacional de comunicaciones por satélite (ISCS/1) proporcionado por Estados Unidos

State/Territory État/Territoire Estado/Territorio	User of satellite broadcast Utilisateur des diffusions par satellite Usuario de la radiodifusión por satélite	Location of VSAT Emplacement du VSAT Lugar de~~l~~ la VSAT	Equipment operational Équipement pérationnel Equipo operativo
1	2	3	4
ANGUILLA (United Kingdom)	CAA	Headquarters NMS Antigua Saint Johns/V.C. Bird Airport	Relayed by/ Retransmis par/ Retransmitido por Antigua
ANTIGUA AND BARBUDA	NMS	Saint Johns/V.C. Bird Airport	2w
ARGENTINA	NMS	Sede Central del Servicio Meteorológico Nacional (Buenos Aires)	1w
ARUBA (Netherlands)	NMS	MET Headquarters/Hato Airport (Curaçao)	Relayed by/ Retransmis par/ Retransmitido por Curaçao
BAHAMAS	NMS	Nassau/New Providence Intl. Airport	2w
BARBADOS	NMS	Bridgetown/Grantley Adams Intl Airport	2w
	O	Caribbean Meteorological Institute	2w
BELIZE	NMS	Belize/Philip S.W. Goldson Intl Airport	2w
BOLIVIA	CAA	La Paz/El Alto Int. Airp.	1w
BRAZIL	CAA	CNMA	1w
	NMS	MET Headquarters, Brasilia	1w
CAYMAN ISLANDS (United Kingdom)	CAA	Georgetown/Owen Roberts Intl.	2w
CHILE	NMS	Edificio Aeronáutico/Arturo Merino Intl Airport	1w
COLOMBIA	NMS	Headquarters of the Hydrology and Met Institute, Santa Fé de Bogotá	2w
COSTA RICA	NMS	Headquarters in San José	2w
CUBA	CAA	Met Office/MWO, La Habana/ José Martí Intl. Airport	1w
	NMS	Met. Institute, La Habana	2w
DOMINICA	CAA	Headquarters NMS Barbados Bridgetown/Grantley Adams Intl Airport	Relayed by/ Retransmis par/ Retransmitido por Barbados
DOMINICAN REPUBLIC	NMS	Sto. Domingo National Met. Office	2w
EL SALVADOR	NMS	San Salvador/Ilopango Intl. Airport	2w
ECUADOR	NMS	Headquarters in Quito	1w
	CAA	Quito/Mariscal Sucre	1w
	CAA	Guayaquil/Simón Bolivar	
FRENCH ANTILLES	NMS	Le Raizet Airport (Guadeloupe)	2w
(France)	NMS	Le Lamentin Airport (Martinique)	2w
FRENCH GUIANA (France)	NMS	Cayenne - Rochambeau Airport	2w
GRENADA	NMS	Saint Georges/Point Salines Airport	2w
GUATEMALA	NMS	Guatemala/La Aurora Intl. Airport	2w
GUYANA	NMS	Timheri/Cheddi Jargan Intl. Airport	2w
HAITI	NMS	Port-au-Prince Intl. Airport	2w

International Satellite Communication System (ISCS/1) provided by the United States Systeme de communications internationales par satellite (ISCS/1) fourni par les États-Unis Sistema Internacional de comunicaciones por satélite (ISCS/1) proporcionado por Estados Unidos			
State/Territory État/Territoire Estado/Territorio	User of satellite broadcast Utilisateur des diffusions par satellite Usuario de la radiodifusión por satélite	Location of VSAT Emplacement du VSAT Lugar de~~l~~ la VSAT	Equipment operational Équipement pérationnel Equipo operativo
1	2	3	4
HONDURAS	NMS	Tegucigalpa/Toncontín Intl. Airport	2w
JAMAICA	NMS	Kingston/Norman Manley Intl.	2w
MEXICO	CAA	Mexico/Benito Juárez Intl. Airport	1w
	NMS	Headquarters in Mexico City	2w
MONTSERRAT (United Kingdom)	NMS	Headquarters NMS Antigua Saint Johns/V.C. Bird Airport	Relayed by/ Retransmis par/ Retransmitido por Antigua
NETHERLANDS ANTILLES (Netherlands)	NMS	MET Headquarters/Hato Airport (Curaçao)	2w
	NMS	MET Philipsburg/Princess Juliana Airport (St. Maarten)	2w
NICARAGUA	NMS	Managua/Managua Intl. Airport	2w
PANAMA	CAA	Panama/Tocumen Int. Airport	2w
PARAGUAY	NMS	Asunción/Silvio Pettirossi Airport	1w
PERU	CAA	Lima-Callao/Jorge Chávez Int. Airport	1w
	NMS	Headquarters	1w
PUERTO RICO (United States)	NMS	National Weather Service Forecast Office	2w
SAINT KITTS AND NEVIS	CAA	Headquarters NMS Antigua Saint Johns/V.C. Bird Airport	Relayed by/ Retransmis par/ Retransmitido por Antigua
SAINT LUCIA	NMS	Vieux-Fort/Hewanorra Intl Airport	2w
SAINT VINCENT AND THE GRENADINES	CAA	Headquarters NMS Barbados Bridgetown/Grantley Adams Intl Airport	Relayed by/ Retransmis par/ Retransmitido por Barbados
SURINAME	NMS	Zandery/Johan Adolf Pengel	1w
TORTOLA (United Kingdom)		Headquarthers NMS Antigua Saint Johns/V.C. Bird Airport	Relayed by/ Retransmis par/ Retransmitido por Antigua
TRINIDAD AND TOBAGO	NMS	Port of Spain, Piarco Intl. Airport	1w
TURKS AND CAICOS IS. (United Kingdom)			2w
URUGUAY	NMS	MET Office, Montevideo/ Carrasco Intl Gral Cesareo L. Berisso Airport	1w
VENEZUELA	NMS	Servicio Meteorológico de la Aviación Militar Venezolana MWO Maiquetía	1w
	INAC		1w

Editorial Note 1..— The contents of FASID Table MET 7 is to be kept up-todate by the PIRGs and regional offices concerned.

Nota editorial 1..— El contenido de la Tabla MET 7 del FASID es para que sea actualizado por los PIRG y por las oficinas regionales concernientes.

APPENDIX C

Subject: **Proposal for Amendment to the CAR/SAM ANP – Volume II - FASID**
(Serial No. SAM 06/7 - AGA/AOP/MET/AIS)

a) **Plan**: Proposal for Amendment to the CAR/SAM, Volume II, "FASID ANP" (Doc 8733)

b) **Proposal for Amendment**:

Part VI - MET

Amend FASID Table MET 1A, as follows:

1. **Under ARGENTINA**

   i) **Delete** the BUENOS AIRES/Don Torcuato aerodrome, columns 1 to 10;

   ii) **Delete** the FORMOSA/Formosa aerodrome, columns 1 to 10;

   iii) **Delete** the POSADAS/Libertador Gral. D. José de San Martín aerodrome, columns 1 to 10;

   iv) **Delete** the RÍO GRANDE/Río Grande aerodrome, columns 1 to 10; and

   v) **Delete** the TUCUMAN/Tte. Benjamín Matienzo aerodrome, columns 1 to 10.

2. **Under BRAZIL**

   i) **Add** "RS" in MACEIÓ/Zumbi dos Palmares Intl. in column 2.

3. **Under COLOMBIA**

   i) **Replace** SANTAFÉ DE BOGOTÁ/El Dorado by BOGOTÁ/El Dorado in columns 1 and 4.

4. **Under ECUADOR**

   i) **Replace** the name of the International Airport SEGU GUAYAQUIL/Simón Bolívar RS by SEGU GUAYAQUIL/José Joaquín de Olmedo in columns 1 and 4.

Amend FASID Table MET 1B, as follows:

1. **Under COLOMBIA**

   i) **Replace** SANTAFÉ DE BOGOTÁ/El Dorado by BOGOTÁ/El Dorado in columns 1 and 3.

2. **Under ECUADOR**

   i) **Replace** the name of the International Airport SEGU GUAYAQUIL/Simón Bolívar RS by SEGU GUAYAQUIL/José Joaquín de Olmedo in column 1.

Amendment to FASID Table MET 2A, as follows:

1. **Under ARGENTINA**

    i) **Delete** BUENOS AIRES/Don Torcuato aerodrome;

    ii) **Delete** FORMOSA/Formosa aerodrome;

    iii) **Delete** POSADAS/Libertador Gral. D. José de San Martín aerodrome;

    iv) **Delete** RÍO GRANDE/Río Grande aerodrome; and

    v) **Delete** TUCUMAN/Tte. Benjamín Matienzo aerodrome.

2. **Under COLOMBIA**

    i) **Replace** SANTAFÉ DE BOGOTÁ/El Dorado by BOGOTÁ/El Dorado in column 1.

Amendment to FASID Table MET 2B, as follows:

1. **Under COLOMBIA**

    i) **Replace** SANTAFÉ DE BOGOTÁ/El Dorado by BOGOTÁ/El Dorado in column 1.

Amendment to FASID Table MET 3B, as follows:

1. **Under COLOMBIA**

    i) **Replace** SANTAFÉ DE BOGOTÁ/El Dorado by BOGOTÁ/El Dorado in column 4.

Amendment to FASID Table MET 7, as follows:

1. **Under COLOMBIA**

    i) **Replace** SANTAFÉ DE BOGOTÁ/El Dorado by BOGOTÁ/El Dorado in column 3.

2. **Under ECUADOR**

    i) **Replace** the name of the International Airport SEGU GUAYAQUIL/Simón Bolívar RS by SEGU GUAYAQUIL/José Joaquín de Olmedo in column 3.

c) **Originated by**: The Civil Aviation Authorities (CAA) of Argentina, Bolivia, Brazil, Chile, Colombia, Ecuador, Peru and Uruguay.

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

Part VI-MET	Additional amendments included to Tables MET 1A and MET 2A are made to be in accordance with the Amendment to Table AOP 1, Serial No. SAM 06/4 – AGA/AOP, approved of 5 July 2006.