

**PROTOCOL FOR SIGMET WV MESSAGES TEST and VOLCANIC ASH ADVISORY (VA
ASH ADVISORY) FOR MWOs UNDER THE RESPONSIBILITY OF VAAC WASHINGTON
NOVEMBER 2010**

Note: Appendix A presents the diagram of SIGMET WV issuance by MWOs under the responsibility of VAAC Washington

**MWO Honduras
[27 November 2010 10:00 UTC]**

1. Based on a fictitious air-report of **FICTITUS** volcano, prepare a SIGMET WV on 27 November 2010 at 10:00 UTC, adding after "SIGMET and its number": "**TEST - NO VALID**".
2. Disseminate SIGMET WV according to Appendix J to the Guide for the preparation, dissemination and use of SIGMET messages in the CAR/SAM Regions, Ninth edition, September 2010, including Amendment 75 to Annex 3, applicable 18 November 2010 [<http://www.lima.icao.int/> under eDocuments, Meteorology (MET), Others].
3. Subsequently, prepare and disseminate every six hours the SIGMET WV based on the volcanic ash advisory message (VA ADVISORY) received from VAAC Washington, following the protocol.
4. MWO Honduras will coordinate with the corresponding NOF, which issues the ASHTAM/NOTAM related with volcanic ash in accordance with the model of **Appendix B**.

**VAAC Washington
[27 November – After the reception of SIGMET WV from MWO Honduras]**

5. Prepare the corresponding fictitious VA ADVISORY, adding after the name of the volcano: "**TEST - NO VALID**" in accordance with Table A2-1 – Template for advisory message for volcanic ash of Annex 3 and the model of **Appendix C**.
6. In **OBS VA CLD** the coordinates will be included in order to affect the FIRs Mexico, Dominican Republic, Haiti, Cuba, Honduras, Colombia, Ecuador, French Guiana and Guyana.
7. In **FCST ASH CLD + 6HR** the coordinates will be included in order to affect the previous FIRs and the FIRs Jamaica, Netherlands Antilles, Trinidad & Tobago, Panama, Suriname and Venezuela.
8. Disseminate the VA ADVISORY in accordance with Standard 3.5.1 d) of Annex 3 – Meteorological Service for International Air Navigation, Seventeenth edition, July 2010 (See Appendix K of CAR/SAM SIGMET Guide).

**MWOs Mexico, Dominican Republic, Haiti, Cuba, Honduras, Colombia, Ecuador,
French Guiana and Guyana
[27 November 13:00 UTC]**

9. The VA ADVISORY received from VAAC Washington will indicate that the FIRs under watch by MWOs México, Dominican Republic, Haiti, Cuba, Honduras, Colombia, Ecuador, French Guiana, and Guyana will be affected by volcanic ash on 27 November 2010 at 13:00 UTC, consequently, these MWOs prepare and issue the SIGMET WV, following the protocol.
10. Subsequently, prepare and disseminate every six hours the SIGMET WV, including the information of VAAC Washington through the message VA ADVISORY, following the same protocol.

**MWOs Jamaica, Netherlands Antilles, Trinidad & Tobago, Panama, Suriname and Venezuela
[27 November 16:00 UTC]**

11. The VA ADVISORY received from VAAC Washington will indicate that the FIRs under watch by MWOs Jamaica, Netherlands Antilles, Trinidad & Tobago, Panama, Suriname and Venezuela will be affected by volcanic ash on 27 November 2010 at 16:00 UTC, consequently, these MWOs prepare and issue the SIGMET WV, following the protocol.
12. Subsequently, prepare and disseminate every six hours the SIGMET WV including the information of VAAC Washington through the message VA ADVISORY, following the protocol.

**MWO Honduras
[28 November 18:00 UTC]**

13. Prepare and disseminate on 28 November 2010 at 18:00 UTC the SIGMET WV of ceasing of volcanic activity, following the protocol and adding after "SIGMET and its number": **"END TEST - NO VALID"**.
14. MWO Honduras notifies the corresponding NOF on the cancellation of the volcanic ash occurrence and the NOF proceeds to cancel the ASHTAM/NOTAM.

VAAC Washington

15. Prepare the VA ADVISORY of cancellation of volcanic ash.
16. Disseminate the VA ADVISORY of cancellation of volcanic ash following the protocol.

**MWO Cuba, Dominican Republic, Haiti, Honduras, Jamaica, Netherlands Antilles, Trinidad & Tobago, Colombia, Ecuador, French Guiana, Guyana, Panama, Suriname and Venezuela
[28 November after the reception of cancellation of VAA]**

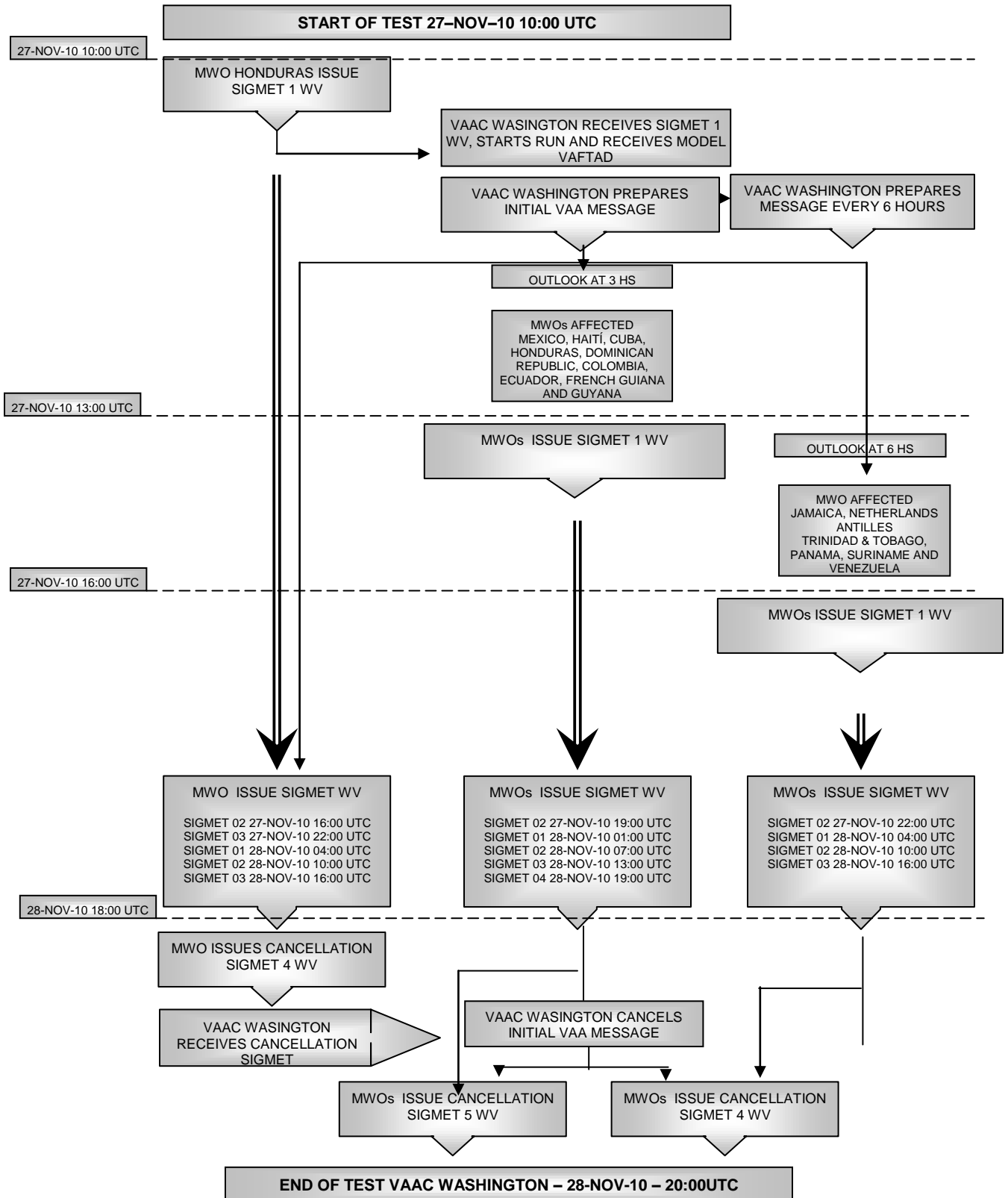
17. Prepare and disseminate the SIGMET WV of ceasing of volcanic ash activity, following the protocol, and adding after SIGMET and its number: **"END TEST - NO VALID"**.

MWOs of the CAR/SAM Regions under the responsibility of VAAC Washington, VAAC Washington, IATA and WAFC WASHINGTON

18. VAAC Washington compiles the SIGMET WV and ASHTAM received by IATA, by MWOs and by WAFC Washington during the test and send them to the AERMETSG Secretary, Mrs. Nohora Arias: narias@mail.lima.icao.int, RO/MET NACC Office, Mr. Enrique Camarillo, ecamarillo@mexico.icao.int and to the COM/MET TF Rapporteur, Mr. Juan Ayón: juan.ayon@iacc.avianet.cu, the templates with the hours of reception of the messages, based on the format of **Appendix E**.

Appendix A

DIAGRAM OF SIGMET WV MESSAGES ISSUANCE BY MWOs UNDER THE RESPONSIBILITY OF VAAC WASHINGTON



ASHTAM Format to be used

ASHTAM/ NOTAM

C. VOLCÁN FICTITUS

D. EXERCISE

E. EXERCISE

F. EXERCISE

G. EXERCISE

H. EXERCISE

I. EXERCISE

J. MWO SANTIAGO

K. THIS IS ONLY AN ASHTAM TEST EXERCISE. PLEASE DISREGARD

Appendix C

VA ADVISORY Format to be used by VAAC Washington:

FVAG01 SABM DDHHMM UTC
 VA ADVISORY
 DTG: 20101127/HHMMZ ⁽¹⁾
 VAAC: WASHINGTON
 VOLCANO: FICTITUS
 PSN: EXERCISE
 AREA: FIR MEXICO
 SUMMIT ELEV: EXERCISE
 ADVISORY NR: AAAA/NN⁽²⁾ EXERCISE
 INFOR SOURCE: EXERCISE
 AVIATION COLOUR CODE: EXERCISE
 ERUPTION DETAILS: EXERCISE
 OBS VA DTG: 27/1200Z
 OBS VA CLOUD: "VA CLD FCST 171500 OVER FIR DOMINICAN
 REPUBLIC, HAITI, CUBA, HONDURAS, COLOMBIA,
 ECUADOR, FRENCH GUIANA and GUYANA"
 FCST ASH CLD+6H: "VA CLD FCST 171800 OVER FIR JAMAICA,
 NETHERLANDS ANTILLES, TRINIDAD & TOBAGO,
 PANAMA, SURINAME and VENEZUELA"
 RMK: THIS IS ONLY A VAA TEST EXERCISE. PLEASE
 DISREGARD
 NEXT ADVISORY: AAAAMMDD/HHMMZ⁽³⁾

Para la identificación de los mensajes los campos resaltados serán completados con la siguiente información de acuerdo con la secuencia (Nº) de los mismos:

Nº	ISSUED (1)	ADVISORY NUMBER (2)	NEXT ADVISORY (3)
01-2010	1205Z	2010/01 EXERCISE	20101127/1800Z
02-2010	1800Z	2010/02 EXERCISE	20101128/0000Z
03-2010	0000Z	2010/03 EXERCISE	20101128/0600Z
04-2010	0400Z	2010/04 EXERCISE	20101128/1200Z
05-2010	1000Z	2010/05 EXERCISE	20101128/1800Z
06-2010	1600Z	2010/06 EXERCISE	20101129/0000Z
07-2010	2215Z	2010/07 EXERCISE	CNL VAA NO FURTHER ADVISORIES

Appendix D

MESSAGES ISSUED AND RECEIVED

SIGMETs ISSUED	SIGMETs RECEIVED	VA ISSUED	REMARKS
WSAG31 SABE 271000 ¹			

¹ Example