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INTERNATIONAL CIVIL AVIATION ORGANIZATION

A UN SPECIALIZED AGENCY

**WACAF workshop on the
provision of information on
volcanic eruptions and ash
clouds**

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2

Agreement framework between ATS, MET and Volcanology Authorities

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Serge TCHANDA

Regional Officer ATM/SAR WACAF

Summary

- Critical roles of agreement between ATS/MET/Vulcanology authorities
- Steps to follow towards the establishment of an agreement
- Effectiveness of ATC/MET/Vulcanology agreement
- Agreement template (structure and basic content)

Critical roles of agreement between ATS/MET/Vulcanology authorities

- ✓ Foster timely notification, reporting and dissemination of information on pre-eruption volcanic activity, volcanic eruptions and volcanic ash cloud.
- ✓ provides guidelines on the responsibilities of ATS units, meteorological watch offices and vulcanological observatories in relation to the mutual exchange of information related to volcanic ash.
- ✓ Serves as the directives for the necessary coordination between ATS units, meteorological watch offices and vulcanological observatories.
- ✓ Serve as a regulatory framework for the conclusion of letters of procedures between corresponding operational units as applicable.

Steps to follow towards the establishment of an agreement

Step 1: Ensure that the State's legislation provides the framework for the conclusion of agreements with external parties

Step 2: Ensure that all ICAO SARPs relating to volcanic activity and ash clouds are transposed into the national regulations

Step 3: Identify and recognize the absence of an agreement between ACC/MET/Vulcanology authorities as an air navigation deficiency in the State based on local conditions and regional agreements

Step 4: Develop a corrective action plan and task a project team to conduct its implementation

Step 5: Conduct preparatory work involving all parties (ACC, MET and vulcanology representatives)

Step 6: Conduct the signature of the agreement by all relevant parties

Effectiveness of ATC/MET/Vulcanology agreement

- Assessment through real operational management of volcanic activity;
- Conduct of regular volcanic ash tabletop exercises at national and regional levels
- Post operations/exercise evaluation and lessons learned
- Adjustment of the agreement in coordination with all signatories as per agreed terms of reference

Agreement template (structure and basic content)

➤ Structure

1. Objective
2. Scope
3. Revision
4. Generals
5. Responsibilities
6. Coordination Meetings
7. Training
8. Signatories
- Attachment

➤ Basic content

Directives and Guidelines

Airspace, States, ANS covered

Terms and conditions for the revision of the agreement

Recall of requirements for parties involved

Clarification of responsibilities of stakeholders

Review Meetings for service improvement to aircraft

Requirements for regular trainings and familiarization

Name, Position and signatures of signatories

Guidelines for volcanic ash information dissemination



Thank you!
Merci beaucoup!