

**INTERNATIONAL CIVIL AVIATION ORGANIZATION**
**Second Meeting of the AFI Volcanic Ash Steering Group (AFI VOLCEX/SG2)**  
*3(Virtual, 18 July 2022)*
**Agenda Item 3 AFI VOLCEX 23 Framework**
**WP3.2. Determination of Exercise Leader and Directing Staff**

*(Presented by the Secretariat)*

<b>SUMMARY</b>
<p>This paper provides an update on the role of the Exercise Leader and the Directing Staff and requests the meeting to provide clear guidance to the Exercise Leader to establish the Directing Staff of the 2023 VA event.</p> <p>Action by the meeting in <b>paragraph 3</b></p>
<p><b>REFERENCE(S):</b></p> <ul style="list-style-type: none"> <li>• AFI VOLCEX 21/01 Report</li> <li>• Doc 9766 Handbook on the IAVW</li> <li>• ToR of AFI VOLCEX SG</li> </ul>
<p><b>Related ICAO Strategic Objective(s):</b></p> <ul style="list-style-type: none"> <li>• <b>A</b> – <i>Safety</i>, <b>B</b> – <i>Air Navigation Capacity and Efficiency</i></li> </ul>

**1. INTRODUCTION**

- 1.1. In accordance with the provisions of ICAO Doc 9766, volcanic ash (VA) exercises should be conducted by ICAO on a regional basis in order to practice and develop inter-agency response to volcanic activity, in order to maintain safety, regularity and efficiency of aviation in the event of a volcanic eruption.
- 1.2. A volcanic ash exercises steering group may be established by a PIRG to coordinate all aspects of the organization and conduct of the exercises. The steering group should have representatives from, as a minimum, the volcanic ash advisory centres (VAACs) concerned, air navigation service providers (ANSPs), airspace users and regulators.
- 1.3. Furthermore, the Decision 24/28 of APIRG/24 endorsed the AFI Volcanic Ash Exercise Operational Instructions (OPINS) and Directives to guide the planning and conduct of the volcanic ash exercise.
- 1.4. In accordance with the provision of the OPINS, the volcanic ash exercise should be conducted every two years in the AFI Region. The exercise is led by and Exercise Leader supervising the work of a Directing Staff in charge of negotiating and designing the exercise scenario, conducting the exercise, debriefing the exercise, and writing the Initial Exercise Report

## 2. DISCUSSIONS

- 2.1. The first volcanic ash exercise was conducted by Cabo Verde as Exercise Leader State in November 2021.
- 2.2. Having been designated by the AFI VOLCEX/SG, the Exercise Leader takes care of administrative matters relating to the exercise, in coordination with the Secretary of the AFI VOLCEX/SG, such as the production of the Exercise Directive and Final Exercise Report.
- 2.3. The Exercise Leader is also the supervisor of the Directing Staff. The Exercise Leader is responsible for:
  - a) Reporting to the debriefing meetings for volcanic ash exercises in the AFI Region
  - b) (Usually combined with the MET Project II meeting)
  - c) Publishing the exercise directive
  - d) Supervising the volcanic ash exercise
  - e) Reporting results of volcanic ash exercises including lessons learned, as well as recommended improvements to the regional volcanic ash ATM contingency plan and global ICAO provisions, to the appropriate Project(s) in APIRG.
  - f) Conducting the volcanic ash exercise in coordination with directing staff
  - g) Making the GO/NO decision for the volcanic ash exercise
- 2.4. In accordance with the APIRG/25 Decision 25/33 relating to the conduct of the AFI VOLCEX 23/01 exercise in the AFI region, the Democratic Republic of Congo is designated as the 2023 Exercise Leader to conduct the 2023 VA event by the end of the year.
- 2.5. The Directing Staff is a group of experts representing each of the specialist areas of the exercises, such as Meteorological watch offices, Volcanic ash advisory centres, NOTAM offices, etc. The Directing Staff negotiate and design an exercise scenario, supervise the conduct of the exercise, debrief the exercise, and write the Initial Exercise Report.
- 2.6. The list of contacts of agencies supervising the exercises as Directing Staff can be established using the Guideline provided in Appendix A.
- 2.7. The 2021 Directing Staff is presented in Appendix to this working paper as reference.

## 3. ACTIONS BY THE MEETING

### 3.1 The meeting is invited to:

- a) note the information contained in this paper; and
- b) review and amend the Appendix B to this working paper for the purpose of the 2023 volcanic ash exercise.

----- END -----

## Appendix A

### Directing Staff Contacts Details

Organization	State	Contact name	Contact position	Primary telephone number	Secondary telephone number	Fax number	e-mails address
...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...

## Appendix B

DIRECTING STAFF Role	Names	Agency	e-mails address
Exercise Leader	Alberto Silva	Civil Aviation Authority	<a href="mailto:alberto.silva@aac.cv">alberto.silva@aac.cv</a>
Lead Volcano Observatory	Bruno Faria	VO Cape Verde - INMG	<a href="mailto:brunofaria@sapo.cv">brunofaria@sapo.cv</a>
Lead VAAC	Philippe Hereil	VAAC Toulouse	<a href="mailto:Philippe.Hereil@meteo.fr">Philippe.Hereil@meteo.fr</a>
Lead ACC	Margarett Graça	ACC SAL / (GVSC)	<a href="mailto:margarett.marques@asa.cv">margarett.marques@asa.cv</a>
Lead MWO	Suely Gonçalves	MWO SAL/ (GVAC)	<a href="mailto:su_ely21@hotmail.com">su_ely21@hotmail.com</a>
Lead NOF	Aristides Martins	NOF SAL/ (GVAC)	<a href="mailto:csgia@asa.cv">csgia@asa.cv</a>
Nation Supervisory Authority	Alberto Silva Micael Moreno	Civil Aviation Authority	<a href="mailto:alberto.silva@aac.cv">alberto.silva@aac.cv</a> <a href="mailto:Micael.moreno@aac.cv">Micael.moreno@aac.cv</a>
APIRG IIM/SG MET Project 2 Coordinator - Senegal	Niokhor Diouf	ANACIM	<a href="mailto:niokhor.diouf@anacim.sn">niokhor.diouf@anacim.sn</a>
RODB Dakar	OKILI Marie Claude	Senegal	<a href="mailto:OKILIMar@asecna.org">OKILIMar@asecna.org</a>
RODB Pretoria	Maluta Tshifaro	South Africa	<a href="mailto:Maluta.Tshifaro@weathersa.co.za">Maluta.Tshifaro@weathersa.co.za</a>
Kenya Volcanic Ash Focal Point	Frederick Etemesi	Kenya	<a href="mailto:etemesi_fred@yahoo.com">etemesi_fred@yahoo.com</a>
Airlines	Robert Oberstar	IATA Delta Airlines	<a href="mailto:robert.oberstar@delta.com">robert.oberstar@delta.com</a>
	Kaspars Vitols	Emirates	<a href="mailto:kaspars.vitols@emirates.com">kaspars.vitols@emirates.com</a>

Assistance and facilitation	Chinga Mazhetese	ICAO ESAF Office	<a href="mailto:cmazhetese@icao.int">cmazhetese@icao.int</a>
	Ogotu Keziah		cmazhetese@icao.int
	Lekamisy Harvey Gabriel		hlekamisy@icao.int
	Albert Aidoo Taylor	ICAO WACAF Office	Ataylor@icao.int
	Fanfé Bamba		FBamba@icao.int
	François Xavier Salambanga		FSalambanga@icao.int
	Goama Ilboudo		Gilboudo@icao.int
	Djibril SEIBOU		<a href="mailto:djibril.seibou@airsenegalsa.sn">djibril.seibou@airsenegalsa.sn</a>