

APPENDIX B: TERMS OF REFERENCE AND WORK PROGRAMME OF THE AFI AIR TRAFFIC MANAGEMENT/METEOROLOGY (AFI ATM/MET) TASK FORCE

1. Terms of Reference

1.1 Under guidance from ICAO Secretariat:

- a) Review and update the AFI Volcanic Ash Contingency Plan (VACP) and monitor VACP exercises;
- b) Promote coordination between MET and ATM communities in the AFI Region to enhance the level of understanding of MET requirements and capabilities in support of ATM;
- c) Coordinate with MET/SG and ATM/AIS/SAR/SG on framework for contingency plan for specific phenomenon including volcanic ash, radioactive cloud, tropical cyclone and Tsunami;
- d) Report to the MET Sub-group of APIRG.

1.2 The objective being to improve efficiency of ATM and airlines by providing tailored regional MET products needed to optimize flight routes in all weather conditions.

1.3 The Benefits will be to increase safety and efficiency – save time and fuel as well as reduce carbon emissions.

2. Work Programme

2.1 The work to be addressed by the AFI ATM/MET Task Force includes:

- a) Review and update the AFI Volcanic Ash Contingency Plan (VACP) by:
 - Regularly updating the VACP through new requirements from the IAVWOPSG
 - Conducting annual VACP exercises or AFI ATM/MET Volcanic Ash Exercises (VAEX/AFI);
 - Reporting on annual VAEX/AFI to the MET/SG meetings.
- b) Develop sub-regional exchange of MET information to facilitate ATM operations by:
 - Encouraging States develop agreements on the exchange of MET information that provides benefits to ATM operations on sub-regional level;
 - Encouraging States report developments to MET/ATM TF and MET/SG meetings;
 - Developing sub-regional exchange of MET information to facilitate ATM operations in busy routes.
- c) Reinforce ways and means of improving ATM/MET coordination by:
 - improving coordination between MET, ATS, AIM, etc.. through the manual on coordination (Doc 9377); and
 - Consulting/coordinating with users as an integral part of a well-established QMS for MET.

3. Composition

3.1 The Task Force is composed of experts from:

- a) Cameroun, Cape Verde, Congo Brazzaville, Democratic Republic of Congo, France, Kenya, Gambia Madagascar, Morocco, South Africa and Senegal.
- b) All other AFI States with potential or active volcanoes (Algeria, Canary Islands, Chad, Comoros, Djibouti, Eritrea, Ethiopia, Madeira, Mali, Niger, Nigeria, Reunion Island, Sao Tome and Principe, Sudan, Tanzania and Uganda).
- c) Representatives of VAAC Toulouse, ASECNA, IATA, IFALPA and WMO are expected to participate in the work of the Task Force.

4) Status of Implementation of the AFI ATM/MET/TF Work Programme

	Task	Source	Recent Progress Next milestone and its deadline	Status of Implementation
1	<p>Review and update the AFI Volcanic Ash Contingency Plan (VACP) by:</p> <ul style="list-style-type: none"> a) Regularly updating the VACP through new requirements from the IAVWOPSG b) Conducting annual VACP exercises or AFI ATM/MET Volcanic Ash Exercises (VAEX/AFI); c) Reporting on annual VAEX/AFI to the MET/SG meetings. 	<p>APIRG/19 Décision. 19/20</p>	<ul style="list-style-type: none"> a) update the VACP through new requirements from the IAVWOPSG b) Conduct AFI ATM/MET Volcanic Ash Exercises (VAEX/AFI) in 2014; c) Report on 2014 VAEX/AFI to the MET/SG/12 meeting 	<ul style="list-style-type: none"> a) Continuous basis: Not implemented due to APIRG new organization structure (VACP awareness seminar not held yet) b) Continuous annual basis: Not implemented due to APIRG new organization structure (VACP awareness seminar not held) c) Continuous annual basis: b) note implemented
2	<p>Develop sub-regional exchange of MET information to facilitate ATM operations by:</p> <ul style="list-style-type: none"> a) Encouraging States develop agreements on the exchange of MET information that provides benefits to ATM operations on sub-regional level; b) Encouraging States report developments to MET/ATM TF and MET/SG meetings; c) Developing sub-regional exchange of MET information to facilitate ATM operations in busy routes. 	<p>APIRG/19 Décision. 19/20</p>	<ul style="list-style-type: none"> a) Encourage States develop agreements on the exchange of MET information that provides benefits to ATM operations on sub-regional level b) Encourage States report developments to MET/ATM TF and MET/SG meetings c) Develop sub-regional exchange of MET information to facilitate ATM operations in busy routes 	<ul style="list-style-type: none"> a) Not started: Not implemented due to APIRG new organization structure b) Not started: Not implemented due to APIRG new organization structure c) Continuous basis: AFI Meteorological Bulletins Exchange (AMBEX) scheme developed and operational. Capabilities of handling OPMET information in digital format to be developed

	Task	Source	Recent Progress Next milestone and its deadline	Status of Implementation
3	Reinforce ways and means of improving ATM/MET coordination by: a) improving coordination between MET, ATS, AIM, etc.. through the manual on coordination (Doc 9377); and b) Consulting/coordinating with users as an integral part of a well-established QMS for MET.	APIRG/19 Décision. 19/20	a) Conduct and follow-up ATM/MET/Pilot coordination meetings every three years; b) Assist States in certifying QMS for MET in all International airports.	a) Continuous basis: an ATS/MET/Pilot coordination meeting held in 2013 for ESAF States and 2014 for WACAF States b) Continuous basis: QMS/MET implemented but not yet certified in most States.