

**APPENDIX 5A: STATUS OF IMPLEMENTATION OF MTF/5, ATM/MET/TF/1 ,  
AND MET/SG/11 DECISIONS AND MET RELATED APIRG/19 DECISIONS AND CONCLUSIONS.**

**APPENDIX 5A-1: MET RELATED APIRG/19 CONCLUSIONS AND DECISIONS**

Decision Number	Decision	Responsibility	Status of Implementation
Dec 19/20	<p><b>REVISED ATM/MET TASK FORCE TERMS OF REFERENCE</b></p> <p>That, the Terms of Reference of the ATM/MET Task Force be updated as at Appendix 3.2I to this report.</p>	APIRG	Implemented
Concl 19/42	<p><b>PROCEDURE FOR AFI OPMET DATA MONITORING</b></p> <p>That,</p> <p>a) Dakar and Pretoria RODBs:</p> <ul style="list-style-type: none"> <li>i) conduct within their respective areas of responsibilities, the monitoring of OPMET received from AFI BCCs;</li> <li>ii) analyze the monitoring results and identify shortcomings and deficiencies;</li> <li>iii) develop and forward to the concerned BCCs on a quarterly basis, the monitoring results and the recommendations to be implemented;</li> <li>iv) collaborate directly with the concerned States to assist addressing the shortcomings which can be resolved quickly; and</li> <li>v) issue on a semester basis, a report on the above four actions to be forwarded to ICAO Dakar and Nairobi regional Offices.</li> </ul> <p>b) ICAO Dakar and Nairobi Regional Offices:</p> <ul style="list-style-type: none"> <li>i) distribute the reports through State Letters to AFI States with particular emphasis on the concerned States with the deficiencies; and</li> <li>ii) visit the concerned States during State missions to provide further advice and awareness.</li> <li>iii) organize when required, training workshops for the personnel of the AMBEX Centres (RODBs, BCCs and NOCs), to assist the States concerned to address deficiencies related to the implementation of the AMBEX scheme.</li> </ul>	<p>a) Dakar and Pretoria RODBs Provider States</p> <p>b) ICAO Dakar and Nairobi Regional Offices</p>	<p><b>Dakar RODB</b> OPMET monitoring performed quarterly and results distributed as required. BCCs in Dakar RODB AoR are regularly contacted to find solutions. AFTN links are often the main problem. (between Niamey and Kano-Lagos , Niamey and Ghana. Liberia and Freetown (Sierra Leone) and Conakry (Guinea )). Report in Appendixes A and B</p> <p><b>Pretoria RODB</b> has implemented the OPMET data monitoring activities. OPMET data monitoring is conducted on the 1<sup>st</sup> Wednesday of each month and the results trended for annual reporting purposes. There is still improvements needed in terms of implementing procedures for liaising with the BCCs and the originating aerodromes to address the deficiencies.</p>
Concl 19/43	<p><b>IMPLEMENTATION OF AFI RODB BACK UP PROCEDURES</b></p> <p>That,</p> <p>a) Dakar and Pretoria RODBs implement</p>	<p>a) Dakar and Pretoria RODBs Provider States</p> <p>b) Addis Ababa,</p>	<p>a) <b>Dakar and Pretoria RODBs</b> bulletins catalogue are similar. The data validation criteria used by Dakar is those contained in the appendix F/Chap 2; Amendment 3 July 2013 (see Appendix B). <b>Pretoria RODB</b> uses the data validation criteria adapted from</p>

	<p>i) and maintain an identical OPMET bulletins catalogue;</p> <p>ii) the AFI Interface Control Document (ICD);</p> <p>iii) the same data validation criteria; and</p> <p>iv) conduct monitoring activities in order to ensure that the databanks contain required OPMET data at all times.</p> <p>b) the bulletin compiling centres (BCCs) disseminate OPMET data to both Dakar and Pretoria RODBs using appropriate AFTN addresses; and</p> <p>c) c) the MTF include AFTN addresses of both RODBs in the AFI ICD.</p>	<p>Antananarivo, Brazzaville, Dakar, Johannesburg, Nairobi and Niamey BCCs Provider States</p> <p>b) Secretariat</p>	<p>that of the EUR BMG. A single data validation criteria for AFI needs to be developed for implementation by both AFI RODBs;</p> <p>b) Implemented (AFI ICD amended to include AFTN addresses of Dakar and Pretoria RODBs). <b>Pretoria ROdB</b> has implemented the AFI ICD to guide the users on how to query <b>OPMET data</b> from the databank. Pretoria ROdB has also implemented internet facility through which users can query the OPMET databank.</p>
<p>Concl 19/44</p>	<p><b>DEVELOPMENT OF CAPABILITIES OF HANDLING OPMET INFORMATION IN DIGITAL FORMAT</b></p> <p>That both Pretoria and Dakar RODBs Provider States be invited to:</p> <p>a) start developing capability of handling OPMET data in digital format as soon as possible, after November 2013;</p> <p>b) test the codes based on OPMET data in digital format (XML/GML) for METAR/SPECI, TAF and SIGMET with a view to fine tuning over the first year (2014); and</p> <p>c) take a leading role over the transition aspect to XML/GML and provide technical assistance as required to other AFI States in implementing OPMET data in digital format.</p>	<p>Dakar and Pretoria RODBs Provider States</p>	<p>With regard to <b>Dakar ROdB</b>, the migration will be effective during 2015 in ASECNA Member States.</p> <p>This capability has not yet been developed by <b>Pretoria ROdB</b>. Pretoria ROdB notes that the requirements to exchange OPMET data in XML/GML will take effect in 2016 and therefore plans to accelerate work in developing this capability early in 2015.</p>
<p>Concl 19/45</p>	<p><b>INCLUSION OF STATE OF RUNWAY REPORTS IN METAR/SPECI ISSUED IN THE AFI REGION</b></p> <p>That, the AFI Air Navigation Plan (Doc 7474) be amended to include in METAR/SPECI, the report on observations of the State of the runway in terms of depth of water deposit measurements on the runway as provided by the appropriate Airport Authority.</p>	<p>Secretariat</p>	<p>Implemented</p>
<p>Dec 19/46</p>	<p><b>FUTURE WORK PROGRAMME OF THE MET/SG</b></p> <p>That, the updated work Programme of the MET/SG given in Appendix 3.6F this report, be endorsed</p>	<p>APIRG</p>	<p>Implemented</p>

## APPENDIX 5A-2: MET/SG/11 DECISIONS

Decision Number	Decision	Responsibility	Status of Implementation
11/01	<p><b>Review of Previous MET Related APIRG Conclusions and Decisions</b></p> <p>That, the updated list of Decisions and Conclusions in <u>Appendix 2A</u> to this report, is adopted as the reviewed MET related APIRG Decisions and Conclusions.</p>	AFI States	Implemented
11/03	<p><b>Establishment of an Ad-hoc Group on the Implementation of Meteorological Information for Low Level Flight</b></p> <p>That, the ad-hoc group composed of France, Kenya, South Africa (rapporteur), SADIS Provider (UK) and ASECNA:</p> <p>a) is established and tasked to investigate on the issue through:</p> <ul style="list-style-type: none"> <li>✓ ICAO standards and recommended practices (SARPs) ;</li> <li>✓ SADISOPSG Conclusions and Decisions ;</li> <li>✓ EUR Air Navigation Plan and other relevant documentation ; and</li> </ul> <p>b) Provides a consolidated report to the MET/SG/12 meeting.</p>	<ul style="list-style-type: none"> <li>✓ France,</li> <li>✓ Kenya,</li> <li>✓ South Africa (rapporteur),</li> <li>✓ SADIS Provider (UK)</li> <li>✓ ASECNA</li> </ul>	The ad-hoc group has considered all the relevant standards and guidance material relating to the provision of meteorological information for low level flight, and is in the process of mapping the way forward. A report on the findings (preferably in the form of a working paper) will be presented at the METWSG/12 meeting.
11/04	<p><b>Updating AFI Regional SIGMET Guide</b></p> <p>That, the Secretariat:</p> <p>a) update Appendixes A and H to the AFI Regional SIGMET Guide to reflect the correct MWO names and location indicators for South Africa as follows:</p> <ol style="list-style-type: none"> <li>1) the MWO name as Johannesburg (FAJS);</li> <li>2) FIRs names and location indicators served as Cape Town FIR (FACA), Johannesburg FIR (FAJA) and Johannesburg Oceanic FIR (FAJO);</li> </ol> <p>b) update the Regional SIGMET Guide to reflect the outcome of the global review being carried out by the METWSG;</p> <p>c) revise the heading in Appendix F to the AFI Regional SIGMET guide with a view to replace the word “Standard” with the word “Procedures”, and</p> <p>d) publish the SIGMET Guide given in <u>Appendix 4A</u> to this report, on the</p>	Secretariat	A new edition has been prepared and will be submitted to APIRG/20 for endorsement

	ICAO website before October 2013.		
11/05	<p><b>Monitoring of OPMET bulletins in coordination with ROC Toulouse</b></p> <p>That, the monitoring done by RODBs Pretoria and Dakar and ROC Toulouse be harmonized to ensure that the same bulletins headers, as described in the AMBEX Handbook, are monitored at all these facilities for comparison and continuous improvement.</p>	<ul style="list-style-type: none"> <li>✓ Dakar RODB Provider State</li> <li>✓ Pretoria RODB Provider States</li> <li>✓ Toulouse ROC Provider States (rapporteur)</li> </ul>	Dakar RODB, sent the processed bulletins headers to Pretoria as described in the AMBEX Handbook Pretoria did the same operation.
11/06	<p><b>Update of the AMBEX Handbook</b></p> <p>That, the draft amendment to the AMBEX Handbook given in <u>Appendix 4B</u> to this report, be expeditiously finalized by the Core Team on the AMBEX Scheme taking into account the information in the above mentioned paragraphs 4.8 to 4.12, and be distributed to AFI States by the Secretariat as the AMBEX Handbook Amendment 3.</p>	<p>Core Team on AMBEX:</p> <ul style="list-style-type: none"> <li>✓ Kenya,</li> <li>✓ Madagascar,</li> <li>✓ Senegal and</li> <li>✓ South Africa (rapporteur)</li> </ul>	The AMBEX Handbook was updated and finalized by the core team and was distributed by the secretariat as the AMBEX Handbook Amendment 3.
11/07	<p><b>Finalization of the AFI OPMET Data Catalogue</b></p> <p>That,</p> <ul style="list-style-type: none"> <li>a) the finalized data catalogue given in the Appendix 4C to this report, be implemented by AFI RODBs; and</li> <li>b) the Secretariat distribute to AFI States and publish on the AFI website, the amended AFI ICD</li> </ul>	<ul style="list-style-type: none"> <li>a) Dakar RODB and Pretoria RODB Provider States</li> <li>b) Secretariat</li> </ul>	<p>The data catalogue was finalized and adopted during the METSG/11.</p> <p>Both <b>Dakar and Pretoria RODB</b> implemented the data catalogue and posted the AFI ICD on their respective websites to guide the users on how to interrogate the OPMET databank.</p>
11/10	<p><b>Future work programme of the MTF</b></p> <p>That, the updated work programme of the MTF as shown in Appendix 4D, is endorsed.</p>	MET/SG/11	Implemented
11/11	<p><b>MET/SG Report for the Preparation of the MET related AFI Regional Air Navigation Implementation Action Plan</b></p> <p>That, the information provided in Appendix 6A to this report, is adopted as the APIRG MET/SG report to be submitted to APIRG for consideration in developing the AFI Regional Implementation Action Plan in the MET area.</p>	Secretariat	Implemented

## APPENDIX 5A-3: MTF/5 DECISIONS

Decision	Decision	Responsibility	Status of Implementation
5/01	<p><b>Establishment of OPMET Focal points</b></p> <p>That, the Secretariat establishes a list of OPMET Focal points for AFI States and adjacent IROGs for better management of OPMET data.</p>	Secretariat	Implemented
5/04	<p><b>Template for the AFI RODB Annual Implementation Status Reports</b></p> <p>That, the template given in <u>Appendix 4B</u> to this report, be used by both Dakar and Pretoria RODB for their annual implementation status reports.</p>	Dakar/Pretoria RODB	Not implemented yet
5/06	<p><b>Exchange of OPMET information in Digital format</b></p> <p>That, the Secretariat liaises with the ICAO operations groups to follow-up on the developments regarding exchange of OPMET information in digital format including guidance material and report back during the AFI OPMET/M TF/7 meeting.</p>	Secretariat	Implemented through the MET/14 meeting (AFI Transition Plan developed)
5/08	<p><b>Venue and date of the AFI OPMET MTF Meetings</b></p> <p>That,</p> <p>a) Any State willing to host MTF meeting should forward the proposal the Nairobi and Dakar ICAO Regional Offices. and</p> <p>b) the MTF/6 meeting will be held in October 2014.</p>	AFI States	<p>a) State Letter distributed to States</p> <p>b) Late meeting due to EBOLA outbreak</p>

## APPENDIX 5A-4: ATM/MET/TF/1 DECISIONS

Decision	Decision	Responsibility	Status of Implementation
1/01	<p><b>Integration of the AFI volcanic ash contingency plan to the AFI air traffic management contingency plan</b></p> <p>That the AFI Volcanic Ash Contingency Plan provided at Appendix 2B to this Report, be integrated as an appendix to the AFI ATM Contingency Plan.</p>	Secretariat	Implemented and adopted by APIRG/19
1/02	<p><b>Review and distribution of the AFI VACP</b></p> <p>That, the contingency plan at Appendix 2B which is in accordance with the IVATF VACP and APIRG ATM Contingency Plan Templates be submitted to the ATM/AIS/SAR Sub-group Secretary for distribution to AFI States.</p>	Secretariat	Implemented submitted to ATM/AIS/SAR Sub-group and adopted by APIRG/19

<p><b>1/05</b></p>	<p><b>Agenda, venue and date of the AFI ATM/MET Task Force meetings and organization of the volcanic ash awareness seminars</b></p> <p>That</p> <ul style="list-style-type: none"> <li>a) The agenda given at Appendix 5B, be adopted as the provisional agenda for the next Task Force meeting;</li> <li>b) The AFI ATM/MET Task Force meeting be held once a year alternating between the Dakar and Nairobi Regional Offices;</li> <li>c) The second meeting of the AFI ATM/MET Task Force be held during the second semester of 2014 at the WACAF Regional Office in Dakar; and</li> <li>d) The volcanic ash awareness seminars planned to be held during 2013 as per APIRG/18 Conclusion 18/53 be postponed for the first quarter of 2014, in order to prepare AFI States to include all potential members of the Task Force for the first volcanic ash exercise to be convened for the AFI Region during the second semester 2014.</li> </ul>	<p>Secretariat</p>	<p>Postponed for 2015</p>
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