

Appendix C

**REVIEW STATUS OF IMPLEMENTATION OF OTHER OUTSTANDING  
OPMET RELATED CONCLUSIONS & DECISIONS FROM OTHER APIRG PREVIOUS MEETINGS**

Cons/ Decs No. Strategic Objectives*	Title of Cons/Decs	Text of Cons/Decs	Deliverables/ Intended Outcome	Status of implementation and Similar subject with Previous Dec/Concl.
6) APIRG Con. 13/68	Better communications for volcano observatories	<b>That states concerned make efforts to establish reliable communications links between their volcano observatories and meteorological watch offices (MWOS) and area control centres (ACCS).</b>	<ul style="list-style-type: none"> <li>Improved communications links between volcano observatories and meteorological watch offices (MWOs) and area control centres</li> </ul>	<ul style="list-style-type: none"> <li>Continuous: State letters forwarded to States with active volcanoes</li> </ul> <p>None</p>
28) APIRG/17 Concl. 17/75	OPMET exchange requirements and inter- regional OPMET gateway (IROG) functions	<p><b>That:</b></p> <p>a) <b>The OPMET data type, OPMET bulletins and types of OPMET exchange at Appendix 3.5C, be implemented by Dakar and Pretoria Regional OPMET data banks (RODBs), AMBEX bulletin compiling centres (BCCs) and National OPMET Centres (NOCs) as the OPMET requirements in the AFI Region; and</b></p> <p>b) <b>The IROG functions and the requirements for the exchange of OPMET between the AFI Region and adjacent Regions in Appendices 3.5D and 3.5E to this report be implemented by Dakar and Pretoria RODBs as the requirements for the interregional OPMET exchange in the AFI Region.</b></p>	<ul style="list-style-type: none"> <li>Related AMBEX procedures implemented;</li> <li>Improved availability of OPMET at AFI aerodromes</li> </ul>	<ul style="list-style-type: none"> <li>OPMET data type, OPMET bulletins and types of OPMET exchange implemented by Dakar and Pretoria RODBs,</li> <li>The above requirements are being implemented by AFI BCCs and NOCs.</li> </ul> <p>None</p>
29)	Revision of	<b>That, information related to the requirements of OPMET data from AOP Aerodromes as given in Appendix 3.5F to</b>	<ul style="list-style-type: none"> <li>Updated AFI FASID MET</li> </ul>	Action completed

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APIRG/17 Concl. 17/76	OPMET data requirements	<b>this report be included in the AFI FASID MET Table 1A after the normal amendment of the FASID Table.</b>	Table 1A • New OPMET requirements included in AFI FASID	None
30) APIRG/17 Concl. 17/77	OPMET exchange monitoring and management procedures at BCCS and RODBs	<b>That, the OPMET management and monitoring procedures given in appendices 3.5I and 3.5J to this report be implemented by the RODBS and the BCCS as the requirements for OPMET exchange monitoring and management procedures in the AFI region.</b>	<ul style="list-style-type: none"> <li>• Related AMBEX procedures implemented;</li> <li>• OPMET exchange monitoring and management procedures Implemented at BCCs and RODBs</li> <li>• Improved availability of OPMET at AFI aerodromes</li> </ul>	<ul style="list-style-type: none"> <li>• Implementation of required procedures on going</li> <li>• Assessment of the procedures implementation to be completed by the next MTF/4 meeting</li> </ul> Concl. 17/75
31) APIRG/17 Concl. 17/78	Interface control document (ICD) for AFI OPMET database access procedures	<b>That:</b> <b>a) The procedures given in Appendix 3.5I to this report be implemented as the Regional Interface Control Document (ICD) access procedures for AFI OPMET database; and</b> <b>b) The ICD be published by the ICAO Regional Office(s).</b>	<ul style="list-style-type: none"> <li>• The AFI Interface control document (ICD) for AFI OPMET database access procedures, implemented</li> <li>• Related AMBEX procedures implemented;</li> <li>• Improved availability of OPMET at AFI aerodromes</li> </ul>	<ul style="list-style-type: none"> <li>• Implementation of required procedures on going</li> <li>• Assessment of the procedures implementation to be completed by the next MTF/4 meeting</li> </ul> None
32) APIRG/17 Dec. 17/79	Future work programme and composition of the task force	<b>That, the work programme and the composition of the AFI OPMET Management Task Force (MTF) be updated as shown in Appendix 3.5L to this report.</b>	the work programme and the composition of the AFI OPMET Management Task Force updated	Completed  None
33) APIRG/17 Dec. 17/80	Frequency of meetings of the AFI OPMET MTF	<b>That, the Task Force meets once a year to plan and assess progress on its work programme. The yearly meetings will be held alternatively between RODBs Dakar and Pretoria.</b>	the frequency of meetings of the AFI OPMET MTF established	Completed  None

Cons/ Decs No. Strategic Objectives*	Title of Cons/Decs	Text of Cons/Decs	Deliverables/ Intended Outcome	Status of implementation and Similar subject with Previous Dec/Concl.
34) APIRG/17 Concl. 17/81	Improving the dissemination of SIGMET	<p><b>That:</b></p> <p>a) <b>Dakar ROBD provider State and ASECNA take the required measures to file automatically the SIGMET test results using the appropriate procedures in the SIGMET guide; and</b></p> <p>b) <b>Upon receipt of a VAA Message, the MWOs in the AFI Region act promptly to issue a corresponding SIGMET within ten (10) minutes.</b></p>	<ul style="list-style-type: none"> <li>• Improved dissemination of SIGMETs</li> <li>• Improved availability of SIGMET at aerodromes and for en-route users</li> </ul>	<ul style="list-style-type: none"> <li>• Dakar ROBD updated with regard to automatic filing</li> <li>• The yearly AFI SIGMET tests results indicates that most MWOs issue SIGMETs within ten (10) minutes</li> </ul> <p>None</p>
35) APIRG/17 Concl. 17/82	Measures to improve the issuance and dissemination of SIGMET	<p><b>That:</b></p> <p>a) <b>The ICAO Regional Offices of Dakar and Nairobi evaluate the provision of SIGMET information in all AFI MWOs through the ROBD and State missions;</b></p> <p>b) <b>ICAO Regional Offices encourage States to establish arrangements between adjacent MWOs for the provision of SIGMET information in MWOs where telecommunications or organizational issues are still inadequate;</b></p> <p>c) <b>WMO in coordination with ICAO, be invited to provide additional training in the issuance of VA and TC SIGMETs to some MWOs not able to issue the required SIGMETs;</b></p> <p>d) <b>The ICAO Regional Offices of Dakar and Nairobi update the AFI SIGMET guide for additional details of VA and TC test procedures; and</b></p> <p>e) <b>The MWOs provider States endeavor to address the identified deficiencies in the issuance and dissemination of SIGMET.</b></p>	<ul style="list-style-type: none"> <li>• Issuance and dissemination of SIGMET improved</li> <li>• Improved availability of SIGMET at aerodromes and for en-route users</li> </ul>	<p>a) Evaluation of SIGMET provision through AFI SIGMET Tests</p> <p>b) Two MWOs (Robertsfield and Kinshasa are yet to fully comply with the requirements of the SIGMET preparation and dissemination</p> <p>c) Additional SIGMET training scheduled for 2012</p> <p>d) AFI SIGMET Guide updated and placed at AFI website</p> <p>e) State letter sent to concerned MWO Provider States to endeavor to address the identified deficiencies</p> <p>Concl. 17/81</p>

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36) APIRG/17 Concl. 17/83	Improving availability of non-regular OPMET information	<b>That, AFI States be invited to organize coordination meetings between ATM, MET and Pilots on regular basis, to improve the availability of non-regular OPMET information in the AFI Region.</b>	<ul style="list-style-type: none"> <li>• Improved availability of non-regular OPMET information</li> <li>• Improved coordination between ATM, MET and Pilots</li> </ul>	States have been encouraged to organize such meetings as necessary  None
Conclusion 18/41 C	Implementation of AMBEX Handbook Procedures	<b>That, Dakar and Pretoria RODB Provider States:</b> <b>a) implement an automatic OPMET data monitoring scheme using procedures in Chapter 12 and Appendix F of the AMBEX Handbook on quarterly basis (March 31, June 30, August, 31 and December 31 of each year);</b> <b>b) perform regular 24 hour simultaneous monitoring starting at 0000 UTC on the first Wednesday of every month; and</b> <b>c) distribute the monitoring statistics to the Chairman of the OPMET Management and the Secretariat with effect from July 2012.</b>	<ul style="list-style-type: none"> <li>• Related AMBEX procedures implemented;</li> <li>• Improved OPMET monitoring</li> <li>• Improved availability of OPMET at AFI aerodromes</li> </ul>	State letter forwarded to concerned Sates  Concl. 17/75
Decision 18/42 C	Development of Back Up Procedures for The AFI RODBs	<b>That, a Core Team of experts consisting of Members from Kenya, Madagascar, Senegal, South Africa and ASECNA be established to develop back up procedures for the AFI RODBs.</b>	<ul style="list-style-type: none"> <li>• Related AMBEX procedures implemented;</li> <li>• Improved availability of OPMET at AFI aerodromes</li> </ul>	State letter forwarded to concerned Sates  Concl. 17/75, 18/41
Conclusion 18/43 C	Implementation of an AFTN Circuit between Dakar and Pretoria RODBs to Support Back-Up Contingency Capabilities	<b>That Dakar and Pretoria RODBs Provider States,</b> <b>a) investigate the best possible way to implement a backup circuit between the two RODBs for the implementation of the backup procedures between the RODBs, in time for the MTF/4 meeting September 2012 and</b> <b>b) implement reliable telecommunications facilities to support back-up procedures for the AFI RODBs.</b>	<ul style="list-style-type: none"> <li>• Improved OPMET monitoring</li> <li>• Improved availability of OPMET at AFI aerodromes</li> </ul>	State letter forwarded to concerned Sates  Concl. 17/75, 18/41, 18/42

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Decision 18/44 C	Amendment to the AMBEX Handbook	<p><b>That,</b></p> <p>a) <u>Appendices A and B</u> to the AMBEX Handbook be updated by the MET/SG Secretariat to reflect AFTN addresses for the IROGs Bangkok, Jeddah and Rio de Janeiro; and</p> <p>b) the amended AMBEX Handbook given in <u>Appendix 3.6A</u> to this report, be:</p> <p><i>endorsed as the AMBEX Handbook Seventh Edition, Amendment 2; and published by the MET/SG Secretariat by July 2012.</i></p>	<ul style="list-style-type: none"> <li>Improved OPMET monitoring</li> <li>Improved availability of OPMET at AFI aerodromes</li> </ul>	<p>State letter forwarded to concerned Sates</p> <p>Concl. 17/75, 18/41, 18/42, 18/43</p>
Conclusion 18/45 C	SIGMET Monitoring and OPMETOPMET Routing Tables	<p><b>That,</b></p> <p>a) the two AFI RODB Provider States be invited to monitor the reception of SIGMET information during the regular (twice yearly) EUR Region SIGMET tests and report;</p> <p>b) the two AFI IROGs and ROC Toulouse exchange their routing tables and verify the coherency of these tables; and</p> <p>c) the AFI IROGs be invited to review their current routing tables, the status of OPMET reception, and update the routing tables as necessary.</p>	<ul style="list-style-type: none"> <li>Improved OPMET monitoring</li> <li>Improved availability of OPMET at AFI aerodromes</li> </ul>	<p>State letter forwarded to concerned Sates</p> <p>Concl. 17/75, 18/41, 18/42, 18/43, 44,</p>
Conclusion 18/46 C	Implementation of AFI OPMET data catalogue	<p><b>That, the OPMET data catalogue given in <u>Appendix 3.6B</u> to this report, be expeditiously finalized and implemented by States in the AFI Region.</b></p>	<ul style="list-style-type: none"> <li>Improved OPMET monitoring</li> <li>Improved availability of OPMET at AFI aerodromes</li> </ul>	<p>State letter forwarded to concerned Sates</p> <p>Concl. 17/75, 18/41, 18/42, 18/43, 44, 45</p>
Decision 18/47 C	Amendment to the AFI Regional SIGMET Guide	<p><b>That, the amendment to the SIGMET Guide given in <u>Appendix 3.6C</u> to this report, is approved as the AFI Regional SIGMET Guide Ninth Edition, Amendment 2.</b></p>	<ul style="list-style-type: none"> <li>SIGMET Guide amended to include appropriate changes</li> </ul>	<ul style="list-style-type: none"> <li>Implemented</li> <li>None</li> </ul>
Conclusion 18/48 C	Measures To Improve The Issuance of SIGMET in the AFI Region	<p><b>That, the ICAO Dakar and Nairobi Regional offices sensitize meteorological authorities in the AFI Region on the importance of continuous monitoring, by meteorological watch offices (MWOs), of hazardous meteorological conditions that would warrant the issuance of SIGMET information in their respective areas of responsibility.</b></p>	<ul style="list-style-type: none"> <li>Meteorological authorities aware of continuous monitoring of hazardous meteorological conditions for aviation</li> </ul>	<p>State letter forwarded to concerned Sates</p> <ul style="list-style-type: none"> <li>Dec. 18/47</li> </ul>

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Conclusion 18/49 C	Revision of OPMETOPMET Data Requirements	<p><b>That:</b></p> <p>a) <b>information related to the requirements of OPMET data from non-AOP aerodromes as given at Appendix 3.6D to this report, be submitted by ICAO Dakar and Nairobi Regional offices to the concerned States for approval, before amending the AFI FASID MET Table 2A and Annex 1 to the SADIS User Guide (SUG); and</b></p> <p>b) <b>the non-AOP aerodromes as listed in Appendix 3.6E to this report, be deleted from AFI FASID MET Table 2A.</b></p>	<ul style="list-style-type: none"> <li>• Updated AFI FASID MET Table 1A</li> <li>• New OPMET requirements included in AFI FASID</li> </ul>	<p>Action completed</p> <p>Concl 17/76</p>
Conclusion 18/50 C	Improvement of OPMET Availability from AFI States Aerodromes	<p><b>That, efforts be made by the concerned States to improve the availability at Dakar RODB, of the required OPMET information from Accra, Conakry, Freetown, Kano, Kinshasa, Lagos and Luanda.</b></p>	<ul style="list-style-type: none"> <li>• Improved availability of OPMET from the concerned aerodromes</li> <li>•</li> </ul>	<ul style="list-style-type: none"> <li>• State Letter forwarded to concerned States</li> </ul> <p>None</p>
Decision 18/51 C	Preparation of AFI XML Transition Plan	<p><b>That, the preparation of the AFI XML Transition Plan be deferred until the adoption of Amendment 76 to Annex 3 (July 2013) at the earliest.</b></p>	<p>postponed</p>	<ul style="list-style-type: none"> <li>• postponed</li> </ul>
Conclusion 18/52 C	Issuance and Dissemination of SIGMET	<p><b>That:</b></p> <p>a) <b>ICAO Regional offices should make concerted efforts to assist States address shortcomings and difficulties identified;</b></p> <p>b) <b>the MWO Provider States listed in Appendix 3.6F take the required measures to remove operational shortcomings in SIGMET provision; and</b></p> <p>c) <b>Roberts field and Kinshasa FIRs MWOs consider bilateral arrangements with adjacent MWOs (i.e. Dakar and Brazzaville MWOs respectively) for the provision of SIGMET information on behalf of the States concerned.</b></p>	<ul style="list-style-type: none"> <li>• Issuance and dissemination of SIGMET improved</li> <li>• Improved availability of SIGMET at aerodromes and for en-route users</li> </ul>	<ul style="list-style-type: none"> <li>• State Letter forwarded to concerned States</li> </ul> <p>Concl. 17/81, 17/82</p>

**SPECIAL AFI REGION AIR NAVIGATION MEETING IN 2008 (SP AFI RAN/08)**

<p>22) SP RAN(2008) Rec. 6/15</p>	<p><b>Foster the implementation of SIGMET and QMS in the AFI region</b></p>	<p>that APIRG adopt the met performance objective: foster the implementation of SIGMET and quality management system(QMS) in the AFI region as contained in the performance framework form at appendix f to the report on agenda item 6</p>	<ul style="list-style-type: none"> <li>• Provision of enhanced safety related MET information to International Civil Aviation</li> </ul>	<p>On going: 2 SIGMET and 2 QMS workshops in 2010. Further actions by APIRG/17 Concl. 17/81 and 17/82</p> <p>None</p>
<p>24) SP RAN(2008) Rec. 6/17</p>	<p><b>Implementation of terminal area warnings and forecasts, provision of WAFS forecasts and optimization of OPMET data exchanges and training for aeronautical meteorological staff</b></p>	<p>That APIRG adopt the Performance Objective: Foster the implementation of terminal area warnings and forecasts, provision of world area forecast system (WAFS) forecasts and optimization of OPMET data exchanges as contained in Appendix G to the report on Agenda Item 6.</p>	<ul style="list-style-type: none"> <li>• Terminal area warnings and forecasts, provision of WAFS forecasts implemented</li> <li>• Optimization of OPMET data exchanges</li> <li>• Aeronautical meteorological staff trained</li> </ul>	<ul style="list-style-type: none"> <li>• Implementation of Terminal area warnings and forecasts encouraged during State mission</li> <li>• Provision of WAFS forecasts implemented through SADIS</li> <li>• Difficulties in training MET staff for lack of resources</li> </ul> <p>None</p>