



**INTERNATIONAL CIVIL AVIATION ORGANIZATION**  
**AFI PLANNING AND IMPLEMENTATION REGIONAL GROUP**  
**SEVENTEENTH MEETING (APIRG/17)**  
**(Burkina Faso, 2 to 6 August 2010)**

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**Agenda Item 2: Follow-up on the outcome of APIRG/16**

**2.2: Review of status of implementation of APIRG/16 Conclusions and Decisions.**

(Presented by the Secretariat)

**SUMMARY**

This paper presents the following-up action on the APIRG/16 Conclusions and Decisions

Refer to Para. 3 for action by APIRG.  
Reference: APIRG/16 meeting report.

**1. Introduction**

1.1 The review of status of implementation of APIRG/16 Conclusions and Decisions is presented in the form of a table. The table provides for each APIRG/16 Conclusion/Decision, related ICAO Strategic Objective(s), the follow-up action taken, responsibility to initiate action, expected deliverable and the target date for completion of the action. This format is in line with the ICAO Business Planning and Performance based approach.

**2. Discussion**

2.1 APIRG/16 adopted 51 Conclusions and 18 Decisions which are presented in the attachment. The **appendix** details on action plan for the implementation of Conclusions/Decisions of APIRG/16 and the current status.

**3. Action by the APIRG**

3.1 The meeting is invited to:

- a) note the progress made on the APIRG/16 Conclusions and Decisions as given at the attachment to this paper; and
- b) review and propose further action.

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**STATUS OF IMPLEMENTATION OF CONCLUSIONS AND DECISIONS OF APIRG/16  
IN THE AIR NAVIGATION FIELDS**

**Follow-up to APIRG/16 Conclusions/Decisions-Action Plan**

Conc/Dec No. ..... Strategic Objectives*	Title of Conclusion/Decision	Text of Conclusion/Decision	Follow-up Action	To be initiated by	Status/Action Taken
<b>Concl. 16/1</b>	Training seminars on ECCAIRS	That, the ICAO Regional Offices for AFI Region arrange for the conduct of ECCAIRS seminars in English and French.	Hold ECCAIRS Seminar	ESAF Office	Organise ECCAIRS Seminar. Conducted one workshop for Information Technology Professionals and on for end users in June 2010 in Lusaka, Zambia. Another workshop for end users will be conducted in Nairobi, Kenya for World Food Programme (WFP) operators.
<b>Dec. 16/2</b> <b>A</b>	Establishment of an APIRG Performance Based Navigation Task Force (APIRG/PBN/TF):	That, an APIRG PBN Task Force, with terms of reference as outlined in Appendix D to this report, be established to develop a PBN implementation plan for the AFI Region and address related regional PBN implementation issues.	Nomination of Members of the Task Force	ESAF Office	APIRG PBN TF Established
<b>Concl.16/3</b> <b>A</b>	Development of State PBN Implementation Plans:	That, the Regional Offices encourage States to begin development of their State PBN	Encourage States to develop State PBN	ESAF Office	<b>State Letter issued</b>

Conc/Dec No. ..... Strategic Objectives*	Title of Conclusion/Decision	Text of Conclusion/Decision	Follow-up Action	To be initiated by	Status/Action Taken
		implementation plans in harmony with the development of the AFI Regional PBN implementation plan being coordinated by the AFI PBN Task Force for submission to APIRG	implementation Plan 2008		
<b>Concl. 16/4</b>  A	Designation of Contact Person for PBN Implementation:	That, by 28 February 2008, States designate a focal contact person responsible for performance based navigation implementation and provide details of the contact person to ICAO Regional Offices for the AFI Region.	Follow-up with States for POC	ESAF Office  WACAF Office	State Letter issued. PBN POC being updated  State Letter issued. PBN POC being updated
<b>Concl. 16/5</b>  A	Implementation of the ICAO provisions on Language Proficiency	That:  a) As a matter of urgency, the States concerned implement the intent of the Assembly Resolution A36-11 and the Standards of Annex 1, Annex 6, Annex 10, and Annex 11 in response to the ICAO State Letter AN/12/44.6-07/68 Dated 26 October 2007.  b) States implement the language provisions with a high level of priority and ensure that	Notify States	ESAF Office  ACAF Office	State Letter issued  Some States yet to fully implement  State Letter issued  Some States yet to fully implement

Conc/Dec No. ..... Strategic Objectives*	Title of Conclusion/Decision	Text of Conclusion/Decision	Follow-up Action	To be initiated by	Status/Action Taken
		<p>flight crews, air traffic controllers and aeronautical station operators involved in international operations maintain language proficiency at least at ICAO Operational Level 4; and;</p> <p>c) States provide data concerning their level of implementation of the Language Proficiency Requirements to ICAO</p>			Some States yet to provide data on level of implementation.
<p><b>Concl. 16/6</b>  A</p>	Harmonization of PIRG work programmes	That the relevant ICAO Regional Offices ensure that common issues such as harmonization of air navigation plans, implementation of global plan initiatives and development of performance objectives, are included in the work programmes of AFI and SAM PIRGs and their auxiliary bodies.	Coordination between ICAO AFI and SAM Offices	WACAF Office	Implementation on a continuous basis
<p><b>Concl. 16/7</b>  A</p>	Cooperative approach in conducting ornithological studies	That neighbouring States should where appropriate and possible, consider cooperative arrangements in the conduct of ornithological studies.	State letter to remind States of the conclusion seeking action taken	ESAF and WACAF Offices with copy to PARIS and CAIRO	Cooperative arrangements have been implemented within the East African Community (EAC) Partner States. Further promotion continuing within SADC States.
<p><b>Concl. 16/8</b></p>	Rescue and fire fighting equipment for difficult terrain	That States which have	State letter to States to which the	ESAF and WACAF Offices	Uniform implementation not yet achieved. More

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A		aerodromes located close to large bodies of water or marshy land or mangrove areas develop and enforce the requirements for minimum rescue and fire fighting facilities and equipment considered necessary taking into account the critical aircraft and corresponding physical topography at the airport concerned.	Conclusion refers seeking implementation action plan	with copy to PARIS and CAIRO	work required by ICAO with the support of Regional Safety Oversight. Organisations being established.
Concl. 16/9 A & D	Aerodrome emergency plans	That: a) States consider the organization of local workshops with all departments and organizations concerned in order to facilitate coordination, finalization and approval of their aerodrome emergency plans;  b) States, which have not done so, ensure that all international aerodromes in that State develop an approved aerodrome emergency plan by 1 <sup>st</sup> January 2008.  c) Both the ESAF and WACAF Regional Offices shall conduct a survey in February 2008 to ascertain which airports will	Follow up with States  Follow up questionnaire and request for implementation action plan  Survey to be conducted. Meeting for States which have not implemented the	ESAF and WACAF Offices with copy to PARIS and CAIRO	a) The subject has been discussed as part of the Aerodrome Certification Workshop  b) Implementation progress has not been ascertained due to lack of response by States to survey questionnaires.  c) States not adequately responding to questionnaire signifying probable lack of

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		still have not implemented this requirement and convene a meeting with States concerned to discuss this issue further.	requirement		implementation
<b>Concl.16/10 A &amp; D</b>	Cooperative approach for the evaluation of runway strength and measurement of runway friction characteristics	That neighbouring States consider cooperative arrangements for activities related to pavement strength evaluation and surface friction characteristics measurement, including the acquisition of associated equipment, as appropriate.	Follow up with AFI States	ESAF and WACAF with copies to PARIS and CAIRO	Steps have been initiated within EAC Partner States through CASSOA. Actual implementation not yet achieved. Efforts continuing through other Regional Safety Oversight Organisations.
<b>Concl. 16/11 A&amp; D</b>	Aerodrome certification process – Aerodrome certification and safety management systems regulations.	That:  a) States be encouraged to exchange their experiences in implementing the aerodrome certification requirement.  b) CAAs, which have not done so, consider putting in place a consultation framework with their airport operator with a view to developing a realistic action plan for the implementation of the aerodrome certification requirement based on a carefully	Follow up with AFI States  Follow up with AFI States  Survey to be initiated.	ESAF and WACAF with copies to PARIS and CAIRO  ESAF and WACAF with copies to PARIS and CAIRO	a) Exchange of experience through the aerodrome Certification and ISM training workshop being conducted throughout.  b) Consultation with industries is improving through the Regional Safety Oversight Organisations and the GAP Analysis conducted under ACIP.

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		<p>considered gap analysis.</p> <p>c) States, which have not done so, ensure the development, approval and publication by 1<sup>st</sup> January 2008, of aerodrome certification and SMS regulations as well as formal certification process defining steps to be followed for the certification of aerodromes.</p> <p>d) ICAO further assist States in organizing training courses for aerodrome inspectors.</p>	Plan for training activity	<p>ESAF and WACAF with copies to PARIS and CAIRO</p> <p>ESAF and WACAF with copies to PARIS and CAIRO</p>	<p>Extensive training has been conducted. Actual implementation yet to be monitored and evaluated</p> <p><b>Training of aerodrome inspectors scheduled for Oct/Nov 2010</b></p>
<b>Dec. 16/12 A</b>	Survey on AFS performance	That the ICAO Regional Offices (Dakar and Nairobi) coordinate the conduct of regional surveys on AFS performance in order to ascertain that AFTN and ATS/DS continue to meet agreed performance requirements.	Carry out coordination between ESAF and WACAF	WACAF	Performance of AFI AFTN and ATS/DS networks
<b>Concl. 16/13 A&amp;B</b>	AFTN implementation specifications	That: a) AFI AFTN specifications	Develop new	WACAF	Amend AFI AFTN

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		<p>prescribed by APIRG/15 be amended to reflect emerging technologies and new communication bit-oriented protocols; and</p> <p>b) The further use of X.25 protocol be discouraged in the AFI Region.</p>	<p>specifications for AFTN</p> <p>Notify States</p>	<p>WACAF</p>	<p>specification</p> <p>State Letter</p>
<b>Concl. 16/14 A</b>	Implementation of ATN/IPS (TCP/IP)	<p>That, AFI States should implement ATN/IPS (TCP/IP) Standards to the maximum extent possible, in order to avoid interoperability difficulties with an ATN/OSI system.</p> <p><i>Note: Indications are that ICAO SARPs related to ATN/IPS should be available by end of 2008.</i></p>	Notify AFI States	WACAF	State Letter
<b>Concl. 16/15 A &amp; B</b>	Aeronautical use of public Internet for non-time critical applications	That, AFI States consider the use of the public Internet for non- time critical applications in accordance with relevant provisions in ICAO Annexes 3, 10 and 15, and Doc 9855.	Notify AFI States	WACAF	State Letter
<b>Concl. 16/16 A</b>	Implementation/Interconnection of SADC/2, NAFISAT and AFISNET VSAT Networks	That States and Organizations concerned expedite the implementation and interconnection of SADC/2, NAFISAT and AFISNET VSAT networks by end of December 2007, in order to increase AFS	Sensitize concerned AFI States	WACAF	State Letter

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		(AFTN and ATS/DS) connectivity and efficiency, thus improving flight coordination and management in the AFI Region.			
<b>Dec.. 16/17 A</b>	Surveys on missing flight plans	That the ICAO Regional Offices (Dakar and Nairobi) carry out the necessary coordination to ensure that due account is taken of AFTN technical and operational aspects in the conduct of surveys relating to missing flight plans in the AFI Region.	Develop a suitable form for such surveys to include AFS data	WACAF and ESAF Offices	Survey on-going
<b>Concl. 16/18 A &amp; D</b>	Cooperation between neighbouring States in implementing VHF radio coverage extension	That AFI States and Air Navigation Service Providers cooperate in addressing all aspects related to the implementation of VHF coverage facilities at FIR/airspace boundaries, including regulatory, environmental and maintenance aspects, in compliance with AFI/7 Recommendation 5/12c and APIRG Conclusion 12/16.	Notify ESAF States	WACAF	State Letter issued  Implementation on a continuous basis
<b>Dec. 16/19 A &amp; D</b>	Survey on AMS VHF coverage	That the ICAO Regional Offices (Dakar and Nairobi) coordinate the conduct of regional surveys on AMS/VHF coverage by States and Organizations in order to ascertain that VHF frequencies are free of	Conduct a survey	WACAF	Organize a regional survey on AMS/VHF

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		harmful interference and to initiate remedial action with States concerned as necessary.			
<b>Concl. 16/20 A &amp; D</b>	States participation in IATA VHF coverage surveys	That States cooperate and provide their support to VHF coverage surveys to be carried out by IATA in the AFI Region, initially every 18 months.	Notify AFI States	WACAF	State Letter issued
<b>Concl. 16/21 A &amp; F</b>	Implementation of GNSS En-Route and Non-Precision Approach Operations	That AFI States continue their efforts to implement GNSS applications for en-route and non-precision approach operations as part of Phase 1 of AFI GNSS Strategy. In so doing, particular attention should be accorded to meeting all GNSS implementation requirements, including establishment of GNSS legislation, regulatory framework, and approval and monitoring procedures.	Notify AFI States	WACAF	State Letter issued  Implementation on a continuous basis, in line with PBN implementation plan for AFI
<b>Concl. 16/22 A &amp; E</b>	Recording of GNSS Parameters	That AFI States that approve GNSS-based operations ensure that GNSS data relevant to those operations are recorded as recommended in ICAO Annex 10, Volume I, Chapter 2, § 2.4.3. Particularly, for GNSS core systems, the following monitored items should be recorded for all	Notify AFI States	WACAF	State Letter issued  Implementation on a continuous basis

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		satellites in view: a) observed satellite carrier-to-noise density (C/N0) ;  b) observed satellite raw pseudo-range code and carrier phase measurements ; c) broadcast satellite navigation messages, for all satellites in view ; and d) relevant recording receiver status information.			
<b>Concl. 16/23 A &amp; D</b>	Aeronautical information related to GNSS	That, when implementing GNSS-based operations, AFI States ensure that the relevant aeronautical information is provided to the users as appropriate.	Notify AFI States	WACAF	State Letter issued
<b>Dec.16/24 A &amp; F</b>	AFI GNSS Implementation Strategy	That the action taken by the Air Navigation Commission on APIRG Conclusions 15/18, 15/19 and 15/20 be referred to the AFI GNSS Implementation Task Force for updating the AFI GNSS Strategy and progressing its work accordingly.	Hold AFI/GNSS/1/TF Meeting	WACAF	AFI GNSS TF meeting organised and AFI/GNSS Implementation Strategy updated.
<b>Dec. 16/25 A</b>	NAVISAT Project	That: a) the progress report on NAVISAT Project submitted to APIRG/16 be referred to the AFI GNSS Implementation Task Force	Notify AFI GNSS/TF	WACAF	Letter to Egypt (through MID Office) issued

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		<p>for consideration in addressing its work programme as required; and</p> <p>b) while monitoring the work being done by MIDANPIRG on the NAVISAT Project, the APIRG Secretariat coordinate assistance to project studies requiring inputs from the AFI Region, should the need arise.</p>			
<b>Dec. 16/26</b> <b>A</b>	Status of implementation of AFI surveillance plan for en-route ACCs	That the status of implementation of the AFI surveillance plan for en-route be included in the review of CNS system performance.	Notify States	WACAF	State Letter issued  Prosper to confirm
<b>Dec. 16/27</b> <b>A</b>	Establishment of an AFI Surveillance Implementation Task Force	<p>That an AFI Surveillance Implementation Task Force (AS/I/TF) be established with the following terms of reference:</p> <p>a) Determine the operational performance requirements for aeronautical surveillance in the AFI Region, including en-route, terminal areas (TMAs) and aerodromes operations;</p> <p>b) Identify and quantify near term and long term benefits of relevant surveillance candidate systems; and;</p> <p>c) Develop a consistent draft AFI surveillance implementation</p>	Hold AS/I/TF meetings	ESAF and WACAF	Organize meetings of ASI/I/TF

Conc/Dec No. ..... Strategic Objectives*	Title of Conclusion/Decision	Text of Conclusion/Decision	Follow-up Action	To be initiated by	Status/Action Taken
		<p>plan including recommended target dates of implementation, taking into account availability of SARPs and readiness of airspace users and air navigation service providers for a coordinated implementation of service as required.</p> <p><i>Note:</i></p> <p>1. <i>The Task Force should be of multidisciplinary nature to cover all aspects related to its assigned work.</i></p> <p>2. <i>While undertaking the task, the Task Force should take into account the work being undertaken by relevant RAN recommendations and APIRG conclusions and decisions pertaining to aeronautical surveillance, and of ICAO Panels with a view to avoiding any duplication.</i></p> <p>3. <i>The Task Force should complete its work in</i></p>			

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		<i>coordination with APIRG ATS/AIS/SAR and CNS Sub-groups, and present the results to the next meeting of APIRG. In assessing the readiness of airspace users, take into account business aviation usage.</i>			
<b>Concl. 16/28 A</b>	AFI CNS Systems Implementation Strategies	That the CNS implementation strategies described in the AFI CNS/ATM Implementation Plan (AFI/Doc 003) be updated taking due account of the revised ICAO Global Air Navigation Plan (9750) and AFI ATM operational objectives.	Hold ICG meetings for AFI areas of routing	ESAF	Organize ICG meetings in the Region and amend Doc. 003 as required
<b>Dec. 16/29 A</b>	Activities of AFI CNS/ATM Implementation Coordination Groups (ICGs)	That the CNS/ATM Implementation Coordination Groups (ICGs) established by APIRG for each area of routing should pursue their assigned work in accordance with AFI/Doc 003 provisions.	Hold ICG meetings for AFI areas of routing	ESAF and WACAF as appropriate	ICG meetings have been organised and will continue
<b>Dec. 16/30</b>	Harmonization of target dates of implementation of AFI operational systems	That: a) the CNS Sub-group Secretariat should harmonize target dates with ATS/AIS/SAR Secretariat regarding operational system implementation in the AFI programme; and	Harmonize target dates for AFI CNS/ATM system implementation	WACAF	Coordination between CNS and ATS/AIS/SAR Sub-group secretaries: On-going process

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		b) reference CNS and ATM implementation documents reflecting disparity in dates should be amended accordingly.			
<b>Concl. 16/31</b> <b>A</b>	Collective Approach to CNS/ATM system elements	That the air navigation service providers (ANSPs) adopt a collective approach and speak in a single voice on issues of common interest related to the implementation of CNS elements of the CNS/ATM systems (such as service level agreements with ATN service providers, system availability, etc.).	Notify AFI ANSPs	WACAF	State Letter issued
<b>Concl. 16/32</b> <b>A</b>	Establishment of an AFI Frequency Spectrum Management Group	That an AFI Frequency Spectrum Management Group (AFI/FSMG) be established under the coordination of the ICAO Secretariat in order to address issues of common interest related to aeronautical spectrum management and control.	Notify AFI States	WACAF	State Letter issued
<b>Concl. 16/33</b> <b>A</b>	FANS 1/A OPERATIONAL MANUAL FOR APPLICATION IN THE AFI REGION	THAT : A) THE FANS 1/A OPERATIONAL MANUAL AT ICAO WEBSITE: ICAO.INT/APIRG/16 REPORT BE APPLIED IN THE AFI REGION; AND	Notify States	ESAF Office  WACAF Office	State Letter issued  State Letter issued

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		b) South Africa manages the FANS 1/A Operational Manual for the AFI region.			
<b>Dec. 16/34</b>  A	Appellation of the current ATM Sub-Group to be reverted to the ATS/AIS/SAR Sub-Group:	That the appellation of the current ATM Sub-Group be reverted to the ATS/AIS/SAR Sub-Group. Its revised Terms of Reference are at Appendix R	Notify States	ESAF Office  WACAF Office	State Letter Actioned by APIRG SG  State Letter
<b>Dec. 16/35</b>  A	Renaming the APIRG/RVSM/RNAV/RNP/TF	That the existing APIRG/RVSM/RNAV/RNP Task Force shall be renamed the APIRG RVSM Task Force with revised Terms of Reference at Appendix F to this Report	Notify States	ESAF Office  WACAF Office	State Letter Completed  State Letter Completed
<b>Concl. 16/36</b>	AFI RVSM IMPLEMENTATION – FUNDING	THE IATA MEMBER AIRLINES CONTINUE TO FINANCE WITHIN THE AVAILABLE FUNDS TO SUPPORT SPECIFIC PROJECTS RELATING TO THE RVSM IMPLEMENTATION EFFORT IN ORDER TO IMPROVE SAFETY AND ECONOMY OF AIR TRAFFIC IN THE AFI REGION AND KEEP THE TASK FORCE INFORMED ACCORDINGLY.	Coordinate with IATA Regional Office for AFI	ESAF Office	State Letter issued  Implementation on a continuous basis

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Concl. 16/37  A&D	AFI RVSM STRATEGY/ACTION PLAN	THAT THE UPDATED AFI RVSM STRATEGY/ACTION PLAN AT APPENDIX G BE CIRCULATED TO STATES FOR QUALITY ASSURANCE.	Notify States	ESAF Office  WACAF Office	State Letter issued  State Letter issued
Concl. 16/38  A&D	Implementation of the required CNS infrastructure to support the implementation of RVSM in the AFI Region	That in view of the implementation of RVSM and provision of ATC service, States are urged to implement the required supportive CNS infrastructure namely: ATS DS circuits AMS and appropriate NAVAIDS as soon as possible, but not later 03 July 2008.	Notify States	ESAF Office  WACAF Office	State Letter  State Letter
Concl. 16/39  A&D	Target date for AFI RVSM Implementation	That, the target date for implementation of RVSM in the AFI Region will be 25th September 2008. <i>Note: The RVSM Pre-implementation Safety Case (PISC) document will be forwarded to ANC for consideration as soon as possible but not later than 128 February 2008.</i>	Notify States	ESAF Office  WACAF Office	State Letter Completed  State Letter Completed
Concl. 16/40	Training Guidelines for AIS personnel	a) That ICAO expedite the publication of the revised Training	Revise the Training Manual	ICAO Headquarters	Appropriate Provisions

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A		<p>Manual (Doc.7192), Part E-3 as recommended by the AIS/MAP Divisional Meeting in 1998 (Doc. 9733), so as to facilitate the introduction of the basic requirements for States to consider the licensing issue of their AIS personnel; and</p> <p>b) ICAO expedites the development of AIS training guidance material relating to the implementation of CNS/ATM system.</p>	Doc. 7192 Part E-3		
Concl. 16/41 A	Framework and guidance material for the establishment of centralized AFI Region Database(AFI-CAD)	That the framework and guidance material at Appendix H be adopted for the AFI Region for the establishment of the centralized AFI Region AIS Database.	Notify States	ESAF Office	State Letter
Concl. 16/42	Development of AFI CAD Business Model and Financial Model	That ICAO provides appropriate experts to assist the Study Group to develop a business model and financial model for the AFI CAD.	Request HQ for Expert	ICAO Headquarters	Provide Expert
Concl. 16/43 D	Seminars/Workshops on the provision of Digital Electronic Terrain and Obstacle Data.	That ICAO organise Seminars/Workshops on the provision of 1 Electronic Terrain and Obstacle Data in accordance with the new provisions in Annex	Organise Seminar	WACAF Office	Conduct Seminar

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		15.			
<b>Concl. 16/44 A</b>	Adoption of the EUROCONTROL EAD URS for application in AFI Region	That the APIRG adopt the EUROCONTROL EAD URS as a basis for the AFI CAD URS taking into account the AFI requirements.	Notify States	ESAF Office	State Letter
<b>Concl. 16/45 A&amp;D</b>	Implementation of ATC service	That States which have not yet done so, implement ATC service along all ATS routes contained in Table ATS 1 of the AFI Plan (Doc.7474) as soon as possible, but not later than 03 July 2008 in the spirit of AFI/7 Rec.5/21.	Notify States	ESAF Office  WACAF OFFICE	State Letter issued Implementation on a continuous basis  State Letter issued Implementation on a continuous basis
<b>Concl. 16/46</b>	Implementation of the non-implemented routes including RNAV routes	That States concerned implement the ATS routes at Appendix I as soon as possible, but not later than AIRAC date of 03 July 2008.	Notify States	ESAF Office	State letter issued Some routes yet to be implemented and continuous provision of an appropriate assistance required by State
<b>Concl. 16/47 A&amp;D</b>	Participation in the ATS/AIS/SAR Sub-group and SAR inclusion in the comprehensive Regional Implementation Plan for Aviation Safety in Africa	That:  a) States which have not done so, include SAR experts to participate in the work programme of the APIRG ATS/AIS/SAR sub-group;  b) States, which have not yet done so, establish permanent SAR	Notify States	ESAF Office  WACAF Office	State Letter issued Some States yet to implement  State Letter issued Some States yet to

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		<p>structures within national civil aviation authorities as a priority and</p> <p>c) ICAO and AFCAC ensure that the conclusions of the SAR Conference of Saint Denis, de la Réunion, be taken into account in the Comprehensive Regional Implementation Plan for Aviation Safety in Africa as far as possible.</p>	Regional Offices coordinate with HQ	Regional Offices	<p>implement</p> <p>HQ Coordination effected</p>
<b>Concl. 16/48</b> <b>D</b>	Response by the States to ICAO Regional Offices State letters	That, States respond promptly to ICAO Regional Offices State letters soliciting information on the status of implementation of the relevant Decisions of the MET/SG and the MET related Conclusions and Decisions of APIRG and other implementation issues in the MET field.	Invite States to take appropriate action	Regional Offices	State Letter issued and improved prompt responses
<b>Concl. 16/49</b> <b>A&amp;D</b>	Training seminar on the use of icing, turbulence and convective clouds forecasts in GRIB2 code form	That the WAFC London Provider State be invited, in coordination with ICAO and WMO, to provide training seminars on the use of icing, turbulence and convective clouds forecasts in GRIB2 code form to AFI States;	Invite WAFC London to conduct courses	MET HQ in Coordination with AFI Regional Offices	Training postponed for 2011, WAFC London Provider State was not ready

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<b>Dec. 16/50 D</b>	Indication of the type of VSAT in the FASID Tables MET 7	That, information related to the type of the VSAT station be included in the FASID Table MET 7 of the AFI plan as given in Appendix J to this report.	Update the table	Secretary MET/SG	Issue an amended version
<b>Concl. 16/51 D</b>	SADIS FTP Accounts	That approved SADIS users in the AFI Region who have internet capabilities and do not have an active SADIS FTP account write to the SADIS Provider State to have an access account.	Invite the States to subscribe	ROs MET	State Letter issued
<b>Concl. 16/52 A&amp;D</b>	Availability on SADIS, of ASHTAM and NOTAM related to volcanic ash (VA)	That, in order to improve the availability on SADIS, of ASHTAMs and NOTAMs related to VA, the ICAO Regional Offices in the AFI Region remind States of the requirement to transmit all ASHTAMs and NOTAMs related to VA to the AFTN address EGZZVANW.	Invite States to implement	ROs MET	State Letter issued
<b>Concl. 16/53 D</b>	SADIS Strategic Assessment Tables	That, the AFI SADIS Strategic Assessment Tables, as given in Appendix K to this report, be adopted and forwarded to the SADISOPSG for planning the	Invite the SADISOPSG to plan bandwidth requirements accordingly.	MET Section HQ	Include in SADISOPSG/13

Conc/Dec No. ..... Strategic Objectives*	Title of Conclusion/Decision	Text of Conclusion/Decision	Follow-up Action	To be initiated by	Status/Action Taken
		future SADIS bandwidth requirements.			
<b>Concl. 16/54</b> <b>A&amp;D</b>	AFI OPMET Management Task Force (AFI OPMET/M TF)	That, an AFI OPMET Management Task Force with the terms of reference at Appendix L be established.	Invite listed States to designate focal points	ROs MET	State Letter issued. First meeting to be held in October 2010
<b>Dec. 16/55</b> <b>D</b>	Inclusion of Regional OPMET Data Banks and SIGMET requirements in the AMBEX Handbook	That, the operations of the AFI Regional OPMET Data Banks and SIGMET requirements be reflected in the AMBEX Handbook as per the text at Appendix M	Amend the AMBEX Handbook	RO/MET Nairobi	AMBEX Handbook amended
<b>Concl. 16/56</b> <b>A&amp;D</b>	Adoption of procedures for conducting SIGMET tests for the AFI Region	That:  1) the ICAO Regional Offices in the AFI Region:  a) assume the responsibility for the development of addressees related to the volcanic ash advisories (VAA) coming from the Volcanic Ash Advisory Centre (VAAC), Toulouse and intended for the AFI Region;	Preparation of address list, WMO Headers and invite States to implement	RO/MET IROG Toulouse	State Letter issued, two Tests conducted in 2009 and 2010

Conc/Dec No. ..... Strategic Objectives*	Title of Conclusion/Decision	Text of Conclusion/Decision	Follow-up Action	To be initiated by	Status/Action Taken
		<p>b) make available to Inter-Regional OPMET Gateway (IROG), Toulouse ,WMO Headers that would facilitate the establishment of reception tests for volcanic ash advisories (VAA) within reasonable time limits;</p> <p>c) request those States maintaining meteorological watch offices (MWOs) in the AFI Region to implement WMO headings for volcanic ash SIGMET and transmitted by those MWOs and make them available to IROG Toulouse; and</p> <p>2) the procedures at the Appendix N be adopted for use in SIGMETs tests in the AFI Region after action had been completed on items a) to c).</p>			

Conc/Dec No. ..... Strategic Objectives*	Title of Conclusion/Decision	Text of Conclusion/Decision	Follow-up Action	To be initiated by	Status/Action Taken
Concl. 16/57  A&D	SIGMET Workshops	<p>That WMO in coordination with ICAO and VAAC Toulouse Provider State conduct two training workshops on SIGMET during 2008; one in English and another in French for the AFI Region.</p> <p><i>Note: The workshops would address all types of SIGMET, including those related to VA and TC</i></p>	Coordinate with VAAC Toulouse schedule and invited States to alternate	RO/MET	A SIGMET workshop conducted in French in 2008 and in English in 2009
Concl. 16/58  D	Legal framework for Aeronautical Meteorological Services	That, States in implementing cost recovery for aeronautical meteorological services in accordance with APIRG Conclusions 14/37 and 14/38 put in place a national legal framework for aeronautical meteorological services which include cost recovery arrangements.	Invite States to take action as appropriate	ROs/MET	State Letter issued
Concl. 16/59  D	Support to States to implement quality management systems (QMS)	<p>That WMO in coordination with ICAO continue to assist States in implementing QMS in the form of:</p> <p>a) Seminars on QMS for the Chief Executives of Meteorological Authorities (CEOs) as a priority and request</p>	Coordinate with WMO to invite CEO-MET for QMS seminar	ROs/MET	<p>State Letter issued and two QMS seminars conducted in French (Morocco) and in English (Nairobi)</p> <p>Lack of funds to conduct training of trainers</p>

Conc/Dec No. ..... Strategic Objectives*	Title of Conclusion/Decision	Text of Conclusion/Decision	Follow-up Action	To be initiated by	Status/Action Taken
		<p>them (CEOs) to report on status of implementation on QMS in their services on a regular basis;</p> <p>b) Support for more detailed training for personnel who would act as a core group in the region (training of trainers);</p> <p>c) Attachments of staff from the region to States that have already adopted QMS through VCP or otherwise; and</p> <p>d) Financial resources for engaging consultancy services during the initial stages of implementation as and when available.</p>			
<b>Concl. 16/60</b>  <b>A&amp;D</b>	Regional Meteorological Procedures	That the Regional Meteorological Procedures given at Appendix. O to the report replace the existing regional procedures of the AFI ANP/FASID (Doc 7474).	Amendment Proposal to be issued	ROs/MET	Amendment Proposal to DOC 744
<b>Dec. 16/61</b>	Introduction of 30-hours TAF in the AFI Region	That international aerodromes in the AFI Region currently issuing 24-hour TAF and have adequate capability, should issue 30-hour TAF from 5 November 2008 and those with limited capability, should advise the Regional Offices accordingly. A further	Invite selected States to issue 30 hour TAFs	ROs/MET	State Letter issued and FASID MET Table 1A amended for the issuance of 30 hour TAF

Conc/Dec No. ..... Strategic Objectives*	Title of Conclusion/Decision	Text of Conclusion/Decision	Follow-up Action	To be initiated by	Status/Action Taken
		assessment period of six months be extended to those still incapable.			
<b>Concl. 16/62</b>  <b>D</b>	Review and updating of FASID Table MET 1A	That:  a) FASID Table MET 1A be replaced by single link (i.e. a URL address) to the global database to be developed by the Secretariat in line with SADISOPSG Conclusion 11/9; and  b) Columns 6 and 7 in FASID Table MET 1A (the database to be re-named "Forecasts (TAF and TREND) to be issued for international aerodromes") be deleted.	Completed the establishment of the data base	ROs/MET and HQ MET Section	Global database updated
<b>Concl. 16/63</b>  <b>D</b>	Deletion of FASID Table MET 2B	That FASID Table MET 2B be deleted from the ICAO AFI FASID since the requirements for SIGMET are covered in the ANP Basic (BORPC and regional meteorological procedures).	Process Amendment Proposal	ROs/MET	Table deleted

Conc/Dec No. ..... Strategic Objectives*	Title of Conclusion/Decision	Text of Conclusion/Decision	Follow-up Action	To be initiated by	Status/Action Taken
<b>Dec. 16/64</b> <b>D</b>	Coordination between WMO Regional Association 1 (Africa) and APRIG on Aeronautical Meteorology	That, the Chairperson of the Meteorology Sub-Group liaise with the WMO Rapporteur for Aeronautical Meteorology Programme for Regional Association1 (Africa) on matters of common interest when required.	Establish contacts with WMO Rapporteur	Secretary of MET/SG, Nairobi	Letter establishing contacts and signed by the Chairperson
<b>Concl. 16/65</b> <b>A,B,C,D,E</b>	Comprehensive Regional Implementation Plan for Aviation Safety in Africa	That: a) States support the implementation of the AFI Plan and closely coordinate their efforts with ICAO in order to ensure optimum benefits to aviation safety in Africa and to reduce duplication of efforts;  b) The Programme Leader, as a start, follow up on specific offers to train aviation officers in the region and initiate the process to address known gaps as a priority;  c) The Regional Offices accredited to States in Africa inform States on a regular basis	Provide the States with details on the project and request for active participation and support	Programme Leader in coordination with ICAOREPs, Cairo, Dakar, Nairobi	State Letter

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		regarding actions taken under the AFI Plan;			
<b>Concl. 16/66 A</b>	Review of the list of International Airports in the AFI ANP	That States make a review of the list of airports included in the AFI ANP and FASID and propose appropriate amendments, including the removal from the Plan of airports not used or planned to be used for international operations, based on current and projected aviation activities.	State letter to States asking for review and report back.	ROs/AGA Dakar/Nairobi	Updated list of international aerodromes
<b>Concl. 16/67 A&amp;D</b>	Elimination of Air Navigation Deficiencies	That States be reminded to adopt a step-by-step approach when implementing air navigation system elements, by giving priority to solving the deficiencies affecting all elements of the system	Notify States	WACAF	State Letter issued  Implementation on a continuous basis
<b>Concl. 16/68</b>	Membership of APIRG	That, the applications from Burundi, Rwanda and Zimbabwe for membership to APIRG be approved.	Include the request in the ANC/Council papers	ESAF	Completed
<b>Dec. 16/69</b>	Membership to APIRG subsidiary bodies	That, the Group approve membership of Rwanda to the ATS/AIS/SAR and CNS Sub-Groups and Roberts FIR and Senegal be to the membership of the AIS/MAP Task Force.	Notify Rwanda	ESAF	Completed

\*Note: ICAO has established the following Strategic objectives for the period 2005-2010

*A: Safety: Enhance global civil aviation safety;*

*B: Security: Enhance Global civil aviation security;*

*C: Environmental Protection: Minimize the adverse effect of global civil aviation on the environment;*

*D: Efficiency: Enhance the efficiency of aviation operation;*

*E: Continuity: Maintain the continuity of aviation operations; and*

*F: Rule of Law: Strengthen law governing international civil aviation*