# 17TH AFI PLAN STEERING COMMITTEE MEETING
## Malabo, Equatorial Guinea 30 June 2016

**THE OUTCOMES OF TWENTIETH AFI PLANNING AND IMPLEMENTATION REGIONAL GROUP MEETING (APIRG/20)**
*(Yamoussoukro, Cote D'ivoire, 30 November – 2 December 2015)*

**Mr. John T. Kagoro**
**Chairperson, APIRG**

**APIRG/20:**
- ❑ **30 November to 2 December 2015**
- ❑ **Yamoussoukro, Côte d'Ivoire**
- ❑ **Held back to back with RASG/3,151Thirty AFI States; 14 Organizations**
- ❑ **151 Participants, Thirty AFI States; 14 Organizations**

# Meeting objective

❑ **Follow-up on APIRG/19 and APIRG Extraordinary Meetings Conclusions and decisions**

❑ **Performance Framework for Regional Air Navigation Planning (ANP) and Implementation**

❑ **Terms of reference and Future Work Programme of the APIRG**

❑ **Re-organization of the APIRG**

❑ **Adoption of the New electronic AFI Air Navigation Plan (eANP)**

# **Outcomes of the Meeting**

**The meeting formulated 38 conclusions and 11 Decisions and also:**

- **Approved the new APIRG structure**

- **Proposed the new ANS Targets for consideration and approval by the RASG-AFI**

- **Agreed to apply the new Regional Air Navigation Plan Template approved by the  ICAO Council; and the finalise of the  AFI eANP**

| Conclusions/ Decisions No. | Summary of Conclusion/Decision |
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| **Conclusion 20/01: Certification of International Aerodromes** | a) Compliance with SARPs on certification of aerodromes applicable since November 2003 and Abuja safety targets.<br>b) Include aerodrome certification in APIRG Projects; and<br>c) Achieve at least 45% certification of International Aerodromes by 2016 as per AFI Plan targets. |
| **Conclusion 20/02: Implementation of PANS-Aerodromes provisions** | a) Implement PANS-Aerodromes-Doc 9981 provisions (*effective November 2016*)<br>b) Respond to ICAO State letters. |

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| **Conclusion 20/03: Aerodrome Emergency Planning (AEP) including Public Health Emergency (PHE)** | a) Ensure that Aerodrome Emergency Plans include Public Health component;<br>b) Ensure close collaboration between the public health authority and aviation stakeholders in planning and management of Public Health Emergency (PHE); and<br>c) Discourage restrictions on flights from States affected by Ebola Virus Disease (EVD). |
| **Decision 20/04: AFI ANS key performance indicators, targets and monitoring** | a) Adoption of the institutional and regional ANS key performance indicators (KPIs) and targets;<br>b) Secretariat to:<br>• present adopted KPIs and targets to RASG-AFI/3 and AFI Plan Steering Committee; and<br>• continue development of targets for ASBU and regional performance objectives KPIs for adoption by APIRG |

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| **Conclusion 20/05:** **Status of implementation of ASBU Block 0 Modules** | a) States to provide information on the status of implementation of ASBU modules; and<br>b) Secretariat to coordinate development of annual air navigation reports reflecting the status of implementation |
| **Decision 20/06:** **Measures to address the high number of unsatisfactory condition reports (UCRs) in the AFI region** | APIRG in coordination with RASG-AFI, identify specific measures to be undertaken by States, ANSPs and other stakeholders to effectively reduce the high numbers of ATS incidents. |
| **Conclusion 20/07:** **Addressing missing flight plans** | a) States to address high rates of missing flight plans; and identify focal points to follow up on the implementation of the remedial measures; |

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| **Conclusion 20/07 - Continues** | b) ICAO, ANSPs, AFRAA, IATA and IFALPA to continue encouraging stakeholders to collective addresses as provided by ASECNA; and<br>c) Establish an APIRG Project to find an effective solution to the problem of missing flight plans. |
| **Decision 20/08: Measures to Support CPDLC/ ADS-C implementation in the AFI Region** | Secretariat to develop an APIRG Project for CPDLC/ADS-C Implementation Planning and Continuous Improvement |
| **Conclusion 20/09: Implementation of  ICAO PBCS Manual (DOC 9869) and GOLD Manual (DOC 10037)** | a)States, ANSPs and users to apply ICAO guidance for data link applications once published; and States and ANSPs that have already implemented CPLDC/ADS-C review their systems performance accordingly; and |

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| **Conclusion 9 - continues** | b)ICAO provide assistance to States facing implementation challenges under the No Country Left Behind (NCLB |
| **Conclusion 20/10: Search and Rescue (SAR)** | That: a)States be urged to conclude SAR agreements under Regional frameworks to facilitate operational cooperation and efficiency; and b)The Secretariat should follow up on APIRG/19 Conclusion 19/21, on SAR Data Collection and Development and Management of an AFI SAR Web Page and 19/22 on Establishment of SAR Team of Experts and SAR Support Project and report progress to APCC and subsequently present a status report to the next Meeting of APIRG (APIRG/21). |
| **Decision 20/11: AFI AN deficiencies data base (AANDD)** | a)States are to provide status of implementation in various areas as requested by the Secretariat, and respond to surveys; and b)Secretariat to take necessary action to operationalize the AANDD. |

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| Conclusion 20/12: Civil/military cooperation and coordination | States:<br>a)Apply ICAO guidance material and avail it to their military authorities;<br>b)Adopt a Flexible Use of Airspace (FUA)  approach;<br>c)Establish a legal framework to support effective coordination;<br>d)Incorporate civil/military cooperation in civil and military ATS training; and<br>e)Constantly review the prohibited, restricted or danger areas, if any. |
| Conclusion 20/14: Regional PBN Implementation Plan | The Regional PBN Implementation Plan should be updated based on ASBU block timelines |
| Decision 20/15: Regional PBN Implementation Strategy | APIRG expedite the development of a Regional PBN Implementation Strategy. |

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| **Conclusion 20/16: Optimization of the functions of the African Flight Procedure programme (AFPP)** | a) African States are urged to approach the AFPP on how best to participate in the Programme; and<br>b) The AFPP take concerted effort to provide information and sensitize States on taking advantage of its establishment and functions and services. |
| **Conclusion 20/17: Support to the African Flight Procedure Programme** | a) African States to second qualified staff to the AFPP; and<br>b) Member States of the AFPP are urged to pay their contributions to the AFPP timeously. |

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| **Conclusion 20/18: Comprehensive measures to improve the AFI RVSM safety levels** | AFI State:<br>a)Implement Strategic Lateral Offset Procedures (SLOP);<br>b)Ensure adequate safety assessments;<br>c)Improve reporting and investigation of incidents;<br>d)Prioritise the implementation of  ATS Inter-facility Data Communications (AIDC); and<br>e)Strictly enforce provisions relating to aircraft RVSM approvals and operations. |
| **Conclusion 20/19: Implementation of SLOP** | a)As a matter of urgency, ensure implementation of SLOP in compliance with PANS-ATM (Doc 4444) and ICAO Circular 331; and<br>b)Seek assistance from ICAO or the ARMA as necessary. |
| **Conclusion 20/20: Restoration of the performance of AFS circuits** | States/ANSPs restore the performance of Aeronautical Fixed Services (ATS/DS and AFTN) circuits as a matter of priority |

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| **Decision 20/21: Adoption of the AFI AMHS Manual and the AFI IP infrastructure test guidelines** | The AFI AMHS Manual and IP Infrastructure Test Guidelines were adopted. |
| **Conclusion 20/22: Implementation of AMHS** | States/ANSPs develop/revise their AMHS implementation plans and establish bilateral Memoranda of Understanding (MoUs) for the interconnection of AMHS systems and inform the ICAO Regional Offices for updates of the AFI AMHS implementation. |
| **Conclusion 20/23: Upgrade of VSAT backbone to support the interconnection and operation of AMHS** | Upgrade the current VSAT based ground/ground communication backbone to eliminate the ground/ground limitations of the speed. |

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| **Conclusion 20/24: Establishment of a Project Team for the implementation of a data link central monitoring and reporting agency (DL/CMRA)** | **Establishment of a Project Team to identify and propose the main functions of an AFI DL/CMRA.** |
| **Conclusion 20/25: Sharing of study on GNSS** | **a)States/ Organization who have undertaken studies and trials on GNSS should share their results; b)AFCAC and Regional Offices to pursue the search for the funding of an impact analysis; and c)AFCAC convene a regional Meeting to address GNSS implementation issues in the AFI Region.** |

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| **Conclusion 20/26: Implementation and Interconnection of Surveillance Systems** | **That in the framework of the AFI surveillance implementation strategy, the ICAO Regional Offices facilitate States implementation of the AFI Surveillance Plans and interconnection of their surveillance systems in order to increase surveillance capability along the Area of Routing and provide seamless surveillance service.** |
| **Conclusion 20/27: Assignment of SSR Mode S interrogator identifier (II) Codes** | **a) States/Organizations send to the Secretariat, not later than 29 February 2016, the coordinates of their SSR Mode S stations and refer to their respective accredited ICAO Regional Office for the assignment of SSR Mode S Interrogator Identifier (II) code; and**<br>**b) ICAO finalize the data base and the software for SSR Mode S Interrogator Identifier (II) code assignment.** |

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| **Decision 20/28: Adoption of the AFI II Code assignment criteria and the AFI II codes assignment manual** | **Adopted the AFI II code planning criteria and procedures** |
| **Conclusion 20/29: Continued support to ICAO Position** | **a) States /Organizations continue to support ICAO position for WRC; and**<br>**b) The Secretariat reinforce the coordination of the initiatives that will ensure the alignment of national position with ICAO position for WRC.** |

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| Conclusion 20/30: Protection of C band spectrum | States /Organizations take the appropriate measures in order to ensure the protection of the satellite C-band operated by the AFI VSAT networks. |
| Conclusion 20/31: Reinforcement of the Capacity of AFI CNS Personnel | States /Organizations to enhance CNS personnel capacity building. |
| Conclusion 20/32: Coordination for air navigation service planning and implementation | APIRG to establish appropriate mechanisms to ensure efficient coordination in the areas AGA, AIM, ATM, CNS, SAR and MET). |

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| Conclusion 20/33: Implementation of AN-Conf/ 12 Rec. 3/8 (c) | States to ensure compliance with the provisions of AN-Conf/12 Recommendation 3/8(c) calling for intraregional and interregional cooperation. |
| Conclusion 20/34: Interoperable Systems and Data | States to ensure the compatibility of the various versions of AIXM databases. |
| Conclusion 20/35: Planning and implementation of AIM | States to ensure that planning and implementation of AIM in the region, is coherent and compatible with the developments in adjacent regions. |

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| Decision 20/36: AIM Personnel competency in the AFI Region | APIRG to consider developing AIS/AIM competency provisions and monitoring mechanisms. |
| Decision 20/37: Status of Implementation of the MET/SG Work Programme | Secretariat incorporate the work programme MET/SG) in the work programme of the IIM/SG. |
| Conclusion 20/38: AFI Air Navigation Report Form (ANRF) for B0-AMET Module | Adopted the updated Air Navigation Report Form (ANRF) for ASBU B0-AMET module. |

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| **Decision  20/39: Amendment to the AFI Air Navigation System Implementation Action Plan** | Amended the AFI Air Navigation System Implementation Action Plan be amended. |
| **Conclusion 20/40: Qualification of Personnel Performing Safety Oversight functions of the Aeronautical Meteorological Service** | States establish mechanisms  to ensure adequate qualification of personnel performing MET safety oversight functions. |

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| **Conclusion 20/41: Participation in the activities of the future Expert Group on the implementation of MET related SWIM Activities** | **AFI States to participate in the activities of the future Expert Group on the implementation of the system wide information management (SWIM) in the MET field.** |
| **Conclusion 20/42: Recent WAFS and SADIS developments** | **a) AFI States to regularly obtain information on the verification of WAFC London GRIB2 CAT and CB forecast data;** <br> **b) SADIS Users in the AFI region:** <br>    **i.** **Contact their SADIS Workstation software provider to seek information regarding future updates and to take advantage of the enhancements including the provision of traditional alphanumeric OPMET data at 1 minute intervals; and** <br>    **ii.** **Establish and regularly test backup accounts with the alternative provider.** |

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| Conclusion 20/43: Action plan to remove air navigation deficiencies in the MET field | a) ICAO Regional Offices update the MET air navigation deficiencies data base; <br> b) AFI States where deficiencies persist establish and implement action plans aimed at removing them; and <br> c) AFI Regional OPMET Data Banks (RODBs) present statistics on availability of OPMET data, using APIRG thresholds. |
| Conclusion 20/44: Transition Plan for handling OPMET Information in Digital Format in the AFI region | Endorsed the Transition Plan for handling OPMET Information in Digital Format in the AFI region. |

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| **Conclusion 20/45: Training Seminars to develop capability building for handling OPMET data in digital format in the AFI region** | **WMO, in coordination with ICAO, assist AFI States in implementing OPMET Information exchange in Digital format.** |
| **Decision 20/46: Updating the AFI regional SIGMET Guide and AMBEX Handbook** | **Endorsed the 10th Edition of the AFI regional SIGMET Guide and the 7th Edition of the AMBEX Handbook.** |

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| **Conclusion 20/47: Application and Development of the AFI eANP** | **a) APIRG apply the new Regional Air Navigation Plan Template approved by the ICAO Council; and**<br>**b) The Secretariat:**<br>   • **Finalize AFI eANP Volumes I, II and III in coordination with States by 29 February 2016; and**<br>   • **Initiate the corresponding proposals for amendment as per applicable procedures.** |
| **Conclusion 20/48: Revised APIRG Procedural Handbook** | **a)Circulate the draft revised APIRG Procedural Handbook to APIRG members for their comments.** |
| **Conclusion 20/49: Projects Identification and Implementation issues** | **a)Adopted the initial set of APIRG projects under the new APIRG working methodology and implantation; and**<br>**b)The ICAO Regional Offices, AFCAC and AFRAA pursue interregional coordination to achieve harmonization and interoperability.** |

THANK YOU