INTERNATIONAL CIVIL AVIATION ORGANIZATION

**Sixth Meeting of the APIRG Communications, Navigation and Surveillance Sub-group
(Dakar, Senegal, 18-22 May 2015)**

Agenda Item 2: Terms of reference, Work programme and composition of the CNS/SG

Review of the terms of reference, work programme and composition of the CNS/SG

(Presented by the Secretariat)

SUMMARY
This working paper presents the terms of reference, work programme and composition of the CNS/SG as defined by APIRG/19, for consideration by the Sub-group.
Action by the meeting is at paragraph 2.
Reference :   APIRG/19, Report   Note: Reference can be downloaded from **www.icao.int**
Related ICAO Strategic Objective B: Capacity & Efficiency and D: Environmental Protection.

1.   Introduction

1.1   **Appendix** to this working paper presents the terms of reference, work programme and composition of the CNS/SG as defined by APIRG/19, for consideration by the Sub-group.

2. Conclusion

2.1   The meeting is invited to:

1) note the terms of reference, work programme and composition of the CNS/SG as defined by APIRG/19; and

2) make amendment proposals as necessary for consideration when discussing the future work programme of the new APIRG Sub Groups under Agenda Items 5, 6 and 7, based on its deliberations and assessment of progress made since APIRG/19.

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Appendix

**TERMS OF REFERENCE, FUTURE WORK PROGRAMME AND COMPOSITION OF THE
COMMUNICATIONS, NAVIGATION AND SURVEILLANCE SUB-GROUP (CNS/SG)**

1.   TERMS OF REFERENCE

a)   Ensure the Continuous and coherent development of the AFI Regional Air Navigation Plan in the fields of aeronautical communications, navigation and surveillance (CNS), including the development of CNS elements of the AFI CNS/ATM Implementation Plan in the light of new developments, in harmony with the ICAO Global Air Navigation Plan (Doc 9750) and the plans for adjacent regions;

b)   Identify, review and monitor deficiencies that impede or affect the provision of efficient aeronautical telecommunications and recommend appropriate corrective action;

c)   Prepare, as necessary, CNS/ATM cost/benefit analyses for the implementation options of C, N and S elements; and

d)   Study, as necessary, institutional arrangements for the implementation of C, N and S systems in the AFI Region.

2.   WORK PROGRAMME

Item	Task description	Priority	Target date
Communications			
1.	Follow up and monitor the implementation of VHF coverage in the AFI region in accordance with AFI/7 Rec. 5/12.	A	APIRG/20
2.	Update the AFI AFTN routing directory	A	APIRG/20
3.	In coordination with the ATM/AIM/SAR Sub-group, participate in the development of a communication infrastructure to support an AFI Central AIS Database (AFI CAD)	A	Continuous
4.	Monitor the development, and coordinate the implementation of guidance material for service level agreements between air navigations service providers and ATN service providers	A	APIRG/20
5.	Review and update, if needed, the ICAO Register of AMHS managing domains and addressing information pertaining to AFI.	A	Continuous
Navigation			
6.	Analyse and review the Report of the AFI GNSS Implementation Task Force.	A	Continuous
7.	Follow up and monitor the implementation of Phase 1 of the AFI GNSS Strategy.	A	Continuous
Surveillance			
8.	Analyse and review CNS aspects of the report of the Aeronautical Surveillance Implementation Task Force.	A	APIRG/20
Communications, Navigation and Surveillance – General matters			

Item	Task description	Priority	Target date
9.	Analyse, review and monitor the implementation and operation of aeronautical communications, navigation and surveillance (CNS) systems, identify CNS deficiencies and propose measures for their elimination, as required.	A	Continuous
10.	Give further consideration, as necessary, to the concept of multinational ICAO AFI air navigation facility/service addressed in the AFI/7 Report under Agenda Item 14 (AFI/7, Conclusion 10/6c).	C	Continuous
11.	In co-ordination with the ATS/AIS/SAR Sub-group, continue the evolutionary and harmonized development of the AFI CNS/ATM Systems Implementation Plan (AFI/7 Concl. 13/1).	A	Continuous
12.	In co-ordination with the ATS/AIS/SAR Sub-group, develop, as necessary, comprehensive business cases for competing CNS/ATM elements implementation options for the routing areas.	B	Continuous
13.	Co-ordinate plans developed by States, international organizations, airlines and industry for the implementation of the regional CNS/ATM systems implementation plan; and monitor CNS/ATM systems research and development, trials and demonstrations within the AFI Region and information from other regions.	B	Continuous
14.	Coordinate the implementation of ICAO Global Plan Initiatives pertaining to CNS and develop associated regional performance objectives.	A	Continuous
Aeronautical Spectrum			
15.	Coordinate regional activities aimed at promoting ICAO position for ITU-WRC meetings, and improving aeronautical spectrum management and control in the Region.	A	Continuous
16	Review the report of the AFI Frequency Management Group	A	APIRG/20

Priority:

A: High priority tasks on which work should be speeded up;
B: Medium priority tasks, on which work should be undertaken as soon as possible, but without detriment to priority A tasks; and
C: Lesser priority tasks, on which work should be undertaken as time and resources permit, but without detriment to priority A and B tasks.

3. COMPOSITION:

Algeria, Angola, Cameroon, Congo, Côte d'Ivoire, D.R. of Congo, Egypt, Eritrea, Ethiopia, The Gambia, Ghana, Guinea, Kenya, Malawi, Mali, Mauritius, Morocco, Niger, Nigeria, Senegal, South Africa, Spain, Sudan, Tanzania, Tunisia, Zambia, ACAC, ASECNA, IATA, and IFALPA.

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