INTERNATIONAL CIVIL AVIATION ORGANIZATION

AFI PLANNING AND IMPLEMENTATION REGIONAL GROUP (APIRG)
COMMUNICATIONS, NAVIGATION AND SURVEILLANCE SUB-GROUP
SECOND MEETING (CNS/SG/2)

(Dakar, Senegal 22 – 25 May 2007)

Agenda Item 2: Terms of reference, work programme and composition of the CNS/SG
as defined by APIRG/15

Agenda Item 9: Future work programme and composition of the CNS/SG

(Presented by the Secretariat)

Summary
This working paper reviews the terms of reference, working programme and composition of the CNS Sub-group as defined by APIRG/15.
Action required is at paragraph 3
Reference: APIRG/15 Report

1.   **Introduction**

1.1   The AFI Planning and Implementation Regional Group (APIRG) at its 15th meeting adopted the terms of reference, composition and work programme of the Communications, Navigation and Surveillance Sub-group (CNS/SG) as shown at **Appendix** to this working paper.

2.   **Discussion**

2.1   The main tasks of the CNS Sub-group are the continuing and coherent development and implementation of aeronautical communications, navigation and surveillance (CNS) plans, and the identification, review and monitoring of deficiencies that affect CNS services in the AFI Region.

2.2   Items of the work programme are included in the agenda of the present meeting and are the subject of Secretariat working/information papers, and of States and international/regional Organizations .

3.   **Action by the Sub-group**

3.1   The CNS/SG is invited to:

a) note its terms of reference, work programme and composition as defined by APIRG/15 ; and
b) provide, as required, comments and suggestions on the terms of reference and work programme.

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APPENDIX

TERMS OF REFERENCE, WORK PROGRAMME AND COMPOSITION OF THE APIRG COMMUNICATIONS, NAVIGATION AND SURVEILLANCE (CNS) SUB- GROUP

1. Terms of reference

a) Ensure the continuing 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 Global Air Navigation Plan for CNS/ATM Systems 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 an 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
1	Analyze, review and monitor the implementation and operation of the aeronautical fixed service (AFTN, ATS/DS), mobile service (AMS) and radio navigation service (ARNS), identify deficiencies affecting aeronautical telecommunications and propose measures for their elimination, as required.	A	Continuing
2	Follow-up the integration/interoperability of VSAT networks in the AFI Region	A	Continuing
3	Follow up and monitor the implementation of VHF coverage in the AFI region in accordance with AFI/7 Rec. 5/12.	A	APIRG/16
4	Analyze and review the report of the ATN Planning Task Force on the transition from the AFTN to the ATN.	A	APIRG/16
5	Follow-up the upgrading of the transmission speed and the implementation of bit-oriented protocols for main AFTN circuits.	A	APIRG/16
6	Coordinate and follow-up the ICAO position for the ITU-WRC meetings.	A	Continuing
7	Continue, in co-ordination with the ATM Sub-group, the evolutionary development of the AFI CNS/ATM Systems Implementation Plan (AFI/7 Concl. 13/1).	A	Continuing
8	In co-ordination with the ATM Sub-group, develop, as necessary, comprehensive business cases for competing CNS/ATM elements implementation options for the routing areas.	B	Continuing
9	Co-ordinate plans developed by States, international organizations,	B	Continuing

Item	Task description	Priority	Target date
	airlines and industry for the implementation of the regional CNS/ATM systems implementation plan.		
10	Update on a regular basis, Chapter 2 and the tables of Part. II of the Global Plan (Doc 9750).	B	Continuing
11	Review work being done by MIDANPIRG on the Egyptian initiative for a multi-mission satellite based system dedicated to CNS/ATM services and provide advice thereon.	B	APIRG/16
12	Monitor CNS/ATM systems research and development, trials and demonstrations within the AFI Region and information from other regions.	B	Continuing
13	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	Continuing
14	Maintain current the database on CNS elements of CNS/ATM planning and implementation in the AFI Region.	B	Continuing
15	Continue the development of the AFI Aeronautical Surveillance Plan, and monitor its implementation	A	APIRG/16

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, Gambia, Ghana, Guinea, Kenya, Malawi, Mauritius, Morocco, Niger, Nigeria, Senegal, South Africa, Spain, Sudan, Tanzania, Tunisia, Uganda, Zambia, ACAC, ASECNA, IATA, and IFALPA.