



International Civil Aviation Organization

CAR/SAM REGIONAL PLANNING IMPLEMENTATION GROUP (GREPECAS)

Sixth Meeting of the CNS Committee of the GREPECAS ATM/CNS Subgroup (CNS/COMM/6)

Santo Domingo, Dominican Republic, 30 June to 4 July 2008

CNS/COMM/6-WP/01

13/05/08

**DRAFT AGENDA, EXPLANATORY NOTES, MODALITY, WORKING METHODS,
ORGANIZATION AND SCHEDULE OF THE CNS/COMM/6 MEETING**

(Presented by the Secretariat)

SUMMARY

This working paper presents for consideration and approval of the Meeting the Draft Agenda, explanatory notes, modality, working methods, organization and schedule for the CNS/COMM/6 Meeting.

References:

- Attachment 2 to the Report of the Fifth Meeting of the ATM/CNS Subgroup of GREPECAS (Lima, Peru, 13 to 17 November 2006);
- Report of the GREPECAS/14 Meeting (San Jose, Costa Rica, 16 to 20 April 2007); and
- Report of the ACG/7 Meeting (Lima, Peru 3 to 4 March 2008).

1. Introduction

1.1 This paper is based on the CNS Committee updated work programme carried out by the Fifth Meeting of the CNS Committee and approved by GREPECAS/14, in the work programme of the CNS Committee reviewed by the ACG/7 Meeting, and in the letter sent to the States and Members of the Committee containing agenda item proposals for the Sixth Meeting of the CNS Committee, in the replies received in the mentioned letter, and also in the work carried out by the CNS Committee task forces to this date. Consequently, the Secretariat prepared the draft agenda, modality, working methods, organization and schedule, as described in the following paragraphs.

2. Approval of the Agenda and its explanatory notes

2.1 The agenda and its explanatory notes proposed for consideration and approval by the Sixth Meeting of the CNS Committee are presented in **Appendix A**.

3. Modality and working methods

3.1 It is suggested that the CNS/COMM/6 Meeting adopt the following modality and working method:

- a) that the Meeting work as plenary, and deal with all the agenda items of a general nature in the presented sequence;

- b) that if the President of the Meeting considers the establishment of Ad-hoc Groups, if he so deems appropriate, to contribute to the Committees deliberations on some items to be dealt by the Meeting. These groups can meet in or out the CNS Committee Meeting schedule, without interfering with the Meeting plenary of this Committee;
- c) that the Meeting, as plenary, examine the reports of the aforementioned Ad-hoc Groups;
- d) that considering that the ATM Committee also holds its sixth meeting simultaneously in the same venue, the CNS/COMM/6 Meeting and its Ad-hoc Groups, might request the coordination with that Committee on ATM aspects that might have a bearing on the discussions on CNS systems; and
- e) that the President of the Meeting, if he so deems appropriate, might propose the modification of the agenda and working methods of the items in the relevant cases identified while reviewing the agenda items.

4. **Organization and working schedule**

4.1 Bearing in mind the considerations expressed in paragraphs 2 and 3 of this paper, as well as the administrative and logistic support aspects, it is suggested that the Meeting adopt the organization and working schedule indicated in **Appendix B**.

5. **Suggested action**

5.1 The Meeting is invited to:

- a) consider and approve the Agenda and its explanatory notes presented in Appendix A;
- b) consider and adopt the Modality and Working Methods suggested in paragraph 3; and
- c) consider and approve the organization and schedule proposed in Appendix B.

APPENDIX A

**SIXTH MEETING OF THE CNS COMMITTEE
GREPECAS ATM/CNS SUBGROUP**

DRAFT AGENDA

- Agenda Item 1: Communication systems developments**
- 1.1 Review of the progress achieved in the integration/interconnection of regional digital networks
 - 1.2 Follow up to the implementation/planning of air-ground data links
 - 1.3 Follow up to the implementation of ATN and its applications
 - 1.4 Communications systems requirements for the integration of ATM automated systems and ATFM requirements
 - 1.5 Communications systems requirements in support of the migration towards meteorological message exchange in BUFR code format
- Agenda Item 2: Navigation systems developments**
- 2.1 Review of the GNSS regional implementation plan
 - 2.2 Follow up on the planning/implementation activities of the SBAS and GBAS augmentation systems in the CAR/SAM Regions
 - 2.3 NDB gradual regional deactivation plan
- Agenda Item 3: Surveillance systems developments**
- 3.1 Review of the regional strategy of the implementation of surveillance systems in the CAR/SAM Regions
 - 3.2 Follow up to the surveillance systems planning/ implementation/ trials (ADS-C, ADS-B, Radar Mode S, multilateralation, etc.)
 - 3.3 Surveillance systems requirements for the integration of ATM automated systems and ATFM requirements
 - 3.4 Standardized regional registry for aircraft with Mode S transponder
- Agenda Item 4: Review of the deficiencies related to the CNS systems and other general issues**
- 4.1 Review to the status of the air navigation deficiencies related with the CNS systems
 - 4.2 Review and updating of valid GREPECAS CNS related conclusions/decisions
 - 4.3 Results of the ITU 2007 World Radiocommunications Conference (WRC-2007) and position of ICAO at the ITU WRC-2011
- Agenda Item 5: Future organization of CNS work within the GREPECAS environment**
- Agenda Item 6: Other business**

**SIXTH MEETING OF THE CNS COMMITTEE
GREPECAS ATM/CNS SUBGROUP**

EXPLANATORY NOTES ON THE DRAFT AGENDA ITEMS

Agenda Item 1: Communication systems developments

1.1 Review of the progress achieved in the integration/interconnection of regional digital networks

Under this Item, it is expected that the Meeting examine the progress made in the interconnection activities of the MEVA II / REDDIG digital networks, as well as the activities carried out for the future integration of networks. Also, the development of current and future digital developments will be reviewed. The Meeting will count with the report of the Coordination Committee on integration of the MEVA II / REDDIG networks.

1.2 Follow up to the implementation/planning of air-ground data links

Under this Agenda Item, the implementation plan for VDL and its applications will be examined upon, as well as updates to Table CNS 2A and other related matters.

1.3 Follow up to the implementation of ATN and its applications

The Meeting will review the results of the ATN/TF and the progress made in SARPs updating for the ATN/IPS, as well as the ATN and its applications implementation plans, updating of Table CNS 1B and the regional AMHS addressing plan.

1.4 Communications systems requirements for the integration of ATM automated systems and ATFM requirements

The communications requirements necessary to support the implementation of ATM automation, ATFM functions, and other related topics, will be analyzed upon.

1.5 Communications systems requirements in support of the migration towards meteorological message exchange in BUFR code format

The communications requirements necessary to support the migration of aeronautical meteorological messages exchange under the new format under study between ICAO and WMO, plus other related matters, will be examined.

Agenda Item 2: Navigation systems developments

2.1 Review of the GNSS regional implementation plan

Under this Item, the GNSS regional implementation plan will be examined, taking into account the PBN road map for the CAR/SAM Regions, and the results of the work of the GNSS/TF will be also reviewed. The Meeting will take note of Amendment 83 to Annex 10, Volume I, relative to GNSS.

2.2 Follow up on the planning/implementation activities of the SBAS and GBAS augmentation systems in the CAR/SAM Regions

The Meeting will examine the results on the studies and trials on the implementation of SBAS and GBAS systems in the CAR/SAM Regions. In this respect, the Meeting will receive information on the results of the activities carried out by RLA/03/902 Project – *Transition to GNSS/SBAS in the CAR/SAM Regions*, as well as by CAR/SAM States, Territories and International Organizations.

2.3 NDB gradual regional deactivation plan

As regards this Item, the information provided by States on the subject will be reviewed and a regional NDB deactivation plan will be formulated, in follow-up to GREPECAS Conclusion 14/57.

Agenda Item 3: Surveillance systems developments

3.1 Review of the regional strategy of the implementation of surveillance systems in the CAR/SAM Regions

The Meeting will examine the regional strategy for the implementation of the surveillance systems in the CAR/SAM Regions proposed by the SUR/TF, as well as review the results of this Task Force.

3.2 Follow up to the surveillance systems planning/ implementation/ trials (ADS-C, ADS-B, Radar Mode S, multilateration, etc.)

Under this Item, the Meeting will analyze the results of the ADS trials and regional multilateration, review the progress in the tests and implementation of other surveillance systems within the CAR/SAM Regions, as well as the planning and updating of Table CNS 4A.

3.3 Surveillance systems requirements for the integration of ATM automated systems and ATFM requirements

The requirements for surveillance systems to support the implementation of ATM automation, ATFM functions and other related topics will be analyzed upon.

3.4 Standardized regional registry for aircraft with Mode S transponder

Under this Item, the Meeting will analyze and recommend the manner to implement national data bases for the standardized regional registry for aircraft with Mode S transponder.

Agenda Item 4: Review of the deficiencies related to the CNS systems and other general issues

4.1 Review to the status of the air navigation deficiencies related with the CNS systems

The Meeting will examine the status of the deficiencies related with the CNS systems and recommend actions to solve them.

4.2 Review and updating of valid GREPECAS CNS related conclusions/decisions

On the basis of the development of the Meeting's agenda items, the conclusions/decisions of previous CNS Committee and GREPECAS meetings will be reviewed and updated.

4.3 **Results of the ITU 2007 World Radiocommunications Conference (WRC-2007) and position of ICAO at the ITU WRC-2011**

The Meeting will examine the results achieved at the ITU 2007 World Radiocommunications Conference (WRC-2007) regarding the ICAO position, as well as prepare for the activities and initial ICAO position for the forthcoming ITU WRC-2011.

Agenda Item 5: Future organization of CNS work within the GREPECAS environment

The CNS Committee will examine the results of the decisions taken at ACG/7 meeting with regard to the ending of activities of the ATM/CNS Subgroup and the establishment of the ATM and CNS Subgroups. In this respect, the Meeting will analyze the new Terms of Reference and Work Programme of the future CNS Subgroup and corresponding Task Forces. Upon doing so, the ICAO Strategic Objectives, the amendment to the ICAO Global Air Navigation Plan and the Global Plan Initiatives (GPI) will be taken into account. Also, matters related with the organization of the future CNS work will be dealt with.

Agenda Item 6: Other business

Under this Item, the Meeting is invited to deal with matters different to those considered in the previous agenda items, such as a calendar proposal of sites/dates for the holding of future meetings of the CNS Subgroup, among other things.

**SIXTH MEETING OF THE CNS COMMITTEE OF THE GREPECAS ATM/CNS SUBGROUP
(CNS/COMM/6)**

(Santo Domingo, Dominican Republic, 30 June to 4 July 2008)

DRAFT MEETING SCHEDULE

Schedule	Monday 30	Tuesday 1	Wednesday 2	Thursday 3	Friday 4
09:00 - 10:30	Registration 08:00	Agenda Item 2 – Navigation systems developments	Agenda Item 4 – Review of the deficiencies related to the CNS systems and other general issues	Agenda Item 6 – Other business	ATM/CNS Subgroup Session (Plenary)
	Opening 09:00				
	ATM/CNS Subgroup Session (Plenary)				
10:30 - 11:00	Coffee Break	Coffee Break	Coffee Break	Coffee Break	
11:00 - 13:00	Agenda Item 1 – Communication systems developments	Agenda Item 2 – Continuation Agenda Item 3 – Surveillance systems developments	Agenda Item 4 – Continuation Agenda Item 5 – Future organization of CNS work within the GREPECAS environment	Review of the Draft Report	ATM/CNS Subgroup Session (Plenary)
13:00 - 13:30	Coffee Break	Coffee Break	Coffee Break	Coffee Break	Coffee Break
13:30 - 16:00	Agenda Item 1 – Continuation	Agenda Item 3 – Continuation	Agenda Item 5 – Continuation		Read Report
					Review Report
					Closing Ceremony 16:00

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APPENDIX B

CNS/COMM/6-WP/01