



**Agenda Item 1: Review of the results of the work of the GREPECAS Contributory Bodies and their corresponding terms of reference**

**e) AERMETSG**

(Presented by the Secretariat)

**SUMMARY**

This working paper presents an analysis of the results of the work of the GREPECAS AERMET Subgroup in accordance with the terms of reference and work programme approved by GREPECAS/14.

**References:**

- GREPECAS/14 Final Report, San José de Costa Rica, 16 – 20 April 2007;
- Sixteenth Meeting of the GREPECAS Administration Coordination Group (ACG/6), Lima, 2 - 3 March 2006;
- AERMETSG/8, Santiago, Chile, 9 - 12 October 2006;
- Doc 9750 – Air Navigation Global Plan

**1. Introduction**

1.1 The terms of reference of the GREPECAS Administration Coordination Group (ACG), include the coordination and harmonization of GREPECAS administrative matters and its contributory bodies, as well as the follow up and control of the deadlines set for their implementation.

1.2 The ACG/6 (Lima, 2 to 3 March 2006), reviewed and updated the terms of reference of the work programme of the AERMET Subgroup, presented at the AERMETSG/7 (Mexico city, 23 to 27 May 2005), which were updated and approved by GREPECAS/14 (San José de Costa Rica, 16 - 20 April 2007), in accordance with AERMETSG/8 (Santiago de Chile, 9 to 13 October 2006).

**2. Discussion**

2.1 The analysis of the results of the work of GREPECAS AERMET Subgroup is presented in **Appendix A** to this working paper using the format presented in GREPECAS, and in **Appendix B**, using MS Project Manager Programme, following Decision ACG/3/01 of GREPECAS Coordinator Group.

3. **Action required**

3.1 The meeting is invited to:

- a) take note of the information provided in Appendices A and B to this working paper;  
and
- b) take appropriate actions, as necessary.

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## APPENDIX A

### WORK PROGRAMME OF THE AERONAUTICAL METEOROLOGY SUBGROUP (AERMETSG)

#### 1. Terms of reference

- a) Monitor the implementation of MET facilities and services; of the world area forecast system; of the international airways volcano watch; of the tropical cyclone alert system; and the issuance and dissemination of OPMET data. Identify any deficiency and develop proposals to improve their implementation;
- b) Review and update the CAR/SAM Air Navigation Plan in accordance with the operational requirements of the CAR/SAM Regions and ensure its seamless and consistent implementation addressed to the new CNS/ATM systems concerning MET;
- c) Review in a continuous basis the list of MET deficiencies, identify new deficiencies that prevent the implementation or provision of MET service in the CAR/SAM Regions and propose actions for their correction;
- d) Monitor the research and development of CNS/ATM systems, the tests and demonstrations in the CNS/MET field and facilitate the transference of these information and experience among the CAR/SAM States and recommend specific actions aimed at the implementation of MET services to satisfy CNS/ATM requirements.

#### 2. Work Programme

TASK NUMBER	TASK DESCRIPTION	PRIORITY	DATE	
			START	END
	<b>MET Facilities and Services</b>			
1	Carry out a survey on MET facilities and services and present the results in terms of percentage of implementation of facilities and services at the AERMETSG/9.	A	JUL 2007	DEC 2007
	<b>WAFS Implementation</b>			
2	Monitor WAFS implementation, in particular States readiness to convert significant weather forecasts (SYGWX) received, into SIGWX in BUFR code and present the results in percentage terms to the AERMETSG/9.	A	FEB 2001	DEC 2007
3	Carry out a survey on ISCS efficacy in order to send it to the focal points and analyze the results to be presented at the AERMETSG/9.	A	FEB 2007	MAY 2007
	<b>IAVW Implementation</b>			
4	Monitor IAVW implementation, in particular the status of the designation of volcano observatories and present the results in terms of percentage of IAVW implementation and of the designation of volcano observatories at the AERMETSG/9.	A	FEB 2001	DEC 2007

TASK NUMBER	TASK DESCRIPTION	PRIORITY	DATE	
			START	END
5	Carry out annual SIGMET WV tests, analyze their results and present them at the following AERMETSG Meeting.	B	NOV 2006	Continuous
6	Develop, in coordination with the Secretariat, the draft Guidance Material for the development of airport emergency plans in case of volcanic eruptions in the CAR/SAM Regions.	B	JUL 2005	MAR 2008
7	Monitor the implementation of the tropical cyclones alert system, in particular the introduction of every 6 hours forecasts.	A	JAN 2007	DEC 2007
	<b>OPMET exchange</b>			
8	Monitor the issuance and dissemination of OPMET data, in particular of ISGMET according with CAR/SAM FASID Tables MET 1A and 2B and "global" requirements.	B	MAR 2007	Continuous
9	Monitor OPMET information exchange (METAR/SPECI, TAF and SIGMET in BUFR code).	TBD	TBD	TBD
10	Develop in coordination with the Secretariat the OPMET Guide	B	JUL 2005	MAR 2008
11	Develop a plan for the implementation of migration of OPMET messages in BUFR code, with possibilities of different scenarios for the transition, including a cost-benefit study and its implications.	A	JAN 2007	DEC 2008
12	Coordinate the OPMET exchange control, analyze the results and present them in the next AERMETSG Meeting.	A	JUL 2006	Continuous
	<b>MET Requirements in the CNS/ATM concept</b>			
13	Based on the edition in preparation of Doc 9750 - <i>Global Air Navigation Plan for CNS/ATM</i> , develop MET chapter of the <i>CAR/SAM Regional Plan for the implementation of CNS/ATM systems</i> , Document I.	B	JUN 2006	DEC 2007
14	Monitor the research and development of MET concept in CNS/ATM field and facilitate the transference of this information and experience among CAR/SAM States.	B	JUL 2005	DEC 2007
15	Identify activities for the implementation of new meteorological services related both to training and application of the new CNS/ATM systems. Provide guidelines.	A	JUL 2005	DEC 2007
16	Carry out a study to determine the need for VOLMET services in the CAR/SAM Regions.	B	JUL 2005	DEC 2007
	<b>MET Training</b>			
17	Propose short, medium and long-term measures to satisfy the requirements for MET personnel in the States of the CAR/SAM Regions.	B	JAN 2005	DEC 2007
	<b>MET Deficiencies</b>			
18	Update the list of MET deficiencies.	A	JUL 2005	Continuous

### 3. Priority

- A** High priority tasks, on which work should be speeded up.
- B** Medium priority tasks, on which work should commence as soon as possible, but without detriment to priority **A** tasks.
- C** Tasks of lesser priority, on which work should commence as time and resources allow, but without detriment to priority **A** and **B** tasks.

4. **Composition**

Argentina, Bolivia, Brazil, Chile, Colombia, Costa Rica, Cuba, Ecuador, France, Panama, Paraguay, Peru, Spain, United States, Uruguay, Venezuela, COCESNA, IATA, IFALPA and WMO.

5. **Chairmanship**

Chairman: ~~Sr. Gustavo Flores (Argentina)~~ Will be elected in the AERMETS/9

Vice-Chairman: Will be elected in the AERMETS/9.

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**SEVENTH MEETING OF THE ADMINISTRATION COORDINATION GROUP**

WP/06 Appendix B  
Working Programme of AERMETSG

ID	Task Name	Respons.	Associated SO & GIP	Prior	Compl	Duration	Start	Finish	2001		2002		2003		2004		2005		2006		2007		2008	
									H2	H1	H2	H1	H2	H1	H2	H1	H2	H1	H2	H1	H2	H1	H2	H1
1	<b>AERMET/SG/6 Meeting</b>	Brazil	A,D - GPI 19		90%	5 days	Mon 23/06/03	Fri 27/06/03																
2	<b>AERMETSG/7 Meeting</b>	Mexico	A,D - GPI 19		90%	5 days	Mon 23/05/05	Fri 27/05/05																
3	<b>AERMETSG/8 Meeting</b>	Chile	A,D - GPI 19		90%	5 days	Mon 9/10/06	Fri 13/10/06																
4	<b>1 - Subject: MET Facilities and Services</b>		<b>A,D - GPI 19</b>		<b>100%</b>	<b>131 days?</b>	<b>Sun 1/07/07</b>	<b>Mon 31/12/07</b>																
6	Carry out a survey on MET facilities and services and present the results in terms of % of implementation at the AERMETSG/9	AERMETSG	A,D - GPI 19	A	100%	131 days	Sun 1/07/07	Mon 31/12/07																
7	<b>2-Subject: WAFS Implementation</b>	<b>MET/ATM/OPS 1</b>	<b>D - GPI 19</b>	<b>A</b>	<b>100%</b>	<b>1789 days</b>	<b>Mon 5/02/01</b>	<b>Tue 11/12/07</b>																
8	Monitor WAFS implementation, in particular States readiness to convert significant weather forecasts (SYGWX) received, into SIGWX in BUFR code and present the results in percentage terms to the AERMETSG/9.	MET/ATM/OPS TF	D - GPI 19	A	100%	1789 days	Mon 5/02/01	Tue 11/12/07																
9	Carry out a survey on ISCS efficacy in order to send it to the focal points and analyze the results to be presented at the AERMETSG/9.	MET/ATM/OPS TF	D - GPI 19	A	100%	84 days	Mon 5/02/07	Thu 31/05/07																
10	<b>3 - IAVW Implementation</b>	<b>MET/ATM/OPS 1</b>	<b>A - GPI 19</b>		<b>0%</b>	<b>1915 days?</b>	<b>Wed 28/02/01</b>	<b>Fri 27/06/08</b>																
11	Monitor IAVW implementation, in particular the status of the designation of volcano observatories and present the results in terms of percentage of IAVW implementation and of the designation of volcano observatories at the AERMETSG/9.	VA TF	A - GPI 19	A	0%	1775 days	Wed 28/02/01	Fri 14/12/07																
12	Carry out annual SIGMET WV tests, analyze their results and present them at the following AERMETSG Meeting.	VA TF	A - GPI 19	B	0%	430 days?	Mon 6/11/06	Fri 27/06/08																
13	Develop, in coordination with the Secretariat, the draft Guidance Material for the development of airport emergency plans in case of volcanic eruptions in the CAR/SAM Regions.	VA TF	A - GPI 19	B	0%	781 days?	Mon 4/07/05	Fri 27/06/08																
14	Monitor the implementation of the tropical cyclones alert system, in particular the introduction of every 6 hours forecasts.	VA TF	A - GPI 19	A	0%	261 days?	Mon 1/01/07	Mon 31/12/07																
15	<b>4 - OPMET exchange</b>	<b>COM/MET TF</b>	<b>A - GPI 19</b>		<b>0%</b>	<b>781 days?</b>	<b>Mon 4/07/05</b>	<b>Fri 27/06/08</b>																
16	Monitor the issuance and dissemination of OPMET data, in particular of ISGMET according with CAR/SAM FASID Tables MET 1A and 2B and "global" requirements.	COM/MET TF	A - GPI 19	B	0%	280 days	Mon 4/06/07	Fri 27/06/08																
17	Monitor OPMET information exchange (METAR/SPECI, TAF and SIGMET in BUFR code).	COM/MET TF	A - GPI 19	TBD	0%	0 days	Fri 2/03/07	Fri 2/03/07																
18	Develop in coordination with the Secretariat the OPMET Guide	COM/MET TF	A - GPI 19	B	0%	781 days?	Mon 4/07/05	Fri 27/06/08																

Project: AERMETSG Work Prog  
Date: Tue 12/02/08

Task		Summary		Rolled Up Progress		Project Summary	
Progress		Rolled Up Task		Split		Group By Summary	
Milestone		Rolled Up Milestone		External Tasks			

**SEVENTH MEETING OF THE ADMINISTRATION COORDINATION GROUP**

WP/06 Appendix B  
Working Programme of AERMETS

ID	Task Name	Respons.	Associated SO & GIP	Prior	Compl	Duration	Start	Finish	2001		2002		2003		2004		2005		2006		2007		2008	
									H2	H1	H2	H1	H2	H1	H2	H1	H2	H1	H2	H1	H2	H1	H2	H1
19	Develop a plan for the implementation of migration of OPMET messages in BUFR code, with possibilities of different scenarios for the transition, including a cost-benefit study and its implications.	COM/MET TF	A - GPI 19	A	0%	0 days	Fri 31/03/06	Fri 31/03/06																
20	Coordinate the OPMET exchange control, analyze the results and present them in the next AERMETS Meeting.	COM/MET TF	A - GPI 19	A	0%	762 days?	Fri 29/07/05	Fri 27/06/08																
21	<b>5 - MET Requirements in the CNS/ATM concept</b>	<b>MET/ATM/OPS TF</b>	<b>D - GPI 19</b>		<b>0%</b>	<b>478 days?</b>	<b>Thu 2/03/06</b>	<b>Mon 31/12/07</b>																
22	Based on the edition in preparation of Doc 9750 - Global Air Navigation Plan for CNS/ATM, develop MET chapter of the CAR/SAM Regional Plan for the implementation of CNS/ATM systems, Document I.	MET/ATM/OPS TF	D - GPI 19	B	0%	392 days	Fri 30/06/06	Mon 31/12/07																
23	Monitor the research and development of MET concept in CNS/ATM field and facilitate the transference of this information and experience among CAR/SAM States.	MET/ATM/OPS TF	D - GPI 19	B	0%	392 days?	Thu 2/03/06	Fri 31/08/07																
24	Identify activities for the implementation of new meteorological services related both to training and application of the new CNS/ATM systems. Provide guidelines.	MET/ATM/OPS TF	D - GPI 19	A	0%	392 days?	Fri 30/06/06	Mon 31/12/07																
25	Carry out a study to determine the need for VOLMET services in the CAR/SAM Regions.	MET/ATM/OPS TF	D - GPI 19	B	0%	392 days?	Fri 30/06/06	Mon 31/12/07																
26	<b>6 - MET Training</b>	<b>MET/ATM/OPS 1</b>	<b>D - GPI 19</b>		<b>0%</b>	<b>782 days?</b>	<b>Mon 3/01/05</b>	<b>Mon 31/12/07</b>																
27	Propose short, medium and long-term measures to satisfy the requirements for MET personnel in the States of the CAR/SAM Regions.	MET/ATM/OPS TF	A, D - GPI 19	B	0%	782 days?	Mon 3/01/05	Mon 31/12/07																
28	<b>7 - MET Deficiencies</b>	<b>MET/ATM/OPS 1</b>	<b>A - GPI 19</b>		<b>0%</b>	<b>392 days?</b>	<b>Fri 30/06/06</b>	<b>Mon 31/12/07</b>																
29	Update the list of MET deficiencies.	MET/ATM/OPS TF	A - GPI 19	B	0%	392 days?	Fri 30/06/06	Mon 31/12/07																

Project: AERMETS Work Prog  
Date: Tue 12/02/08

Task		Summary		Rolled Up Progress		Project Summary	
Progress		Rolled Up Task		Split		Group By Summary	
Milestone		Rolled Up Milestone		External Tasks			