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INTERNATIONAL CIVIL AVIATION ORGANIZATION
NORTH AMERICAN, CENTRAL AMERICAN AND CARIBBEAN OFFICE

SEVENTH MEVA NETWORK MEETING
(Grand Cayman, Cayman Islands, 15 – 17 May 2000)

Agenda Item 7: MEVA Network Connectivity to the CAR/SAM digital networks.

CONNECTIVITY REQUIREMENTS OF THE MEVA NETWORK TO OTHER REGIONAL AND DOMESTIC CAR/SAM DIGITAL NETWORKS

(Presented by the Secretariat)

SUMMARY

This Working Paper presents a review of the results of Conclusion 6/16 of the MEVA/6 Meeting; and suggests the Meeting to create a Technical Committee to carry out a study of the outstanding problems of the implementation requirements for the connectivity of the MEVA Network to other regional/domestic CAR/SAM networks and to present this study to the *"CAR/SAM 01/00 CNS Informal Meeting"*

1. Introduction

1.1 Conclusion 6/16 of the MEVA/6 Meeting, held in Varadero, Cuba, 19 – 20 April 1999, requested that a technical group from both CAR and SAM Regions be constituted to integrate the current and future regional digital networks. The ICAO NACC Regional Office in coordination with the ICAO SAM Office agreed to convoke the creation of the aforementioned CAR/SAM Technical Group, however, this was not possible during 1999.

1.2 The CAR/SAM/3 RAN Meeting, held in Buenos Aires, from 5 to 15 October 1999 agreed in Conclusions 9/8 and 13/28 to review the capacity and development of the current and future regional/domestic digital networks from the CAR and SAM boundaries. These Conclusions also formulated solutions to meet AFS communication requirements among users from different digital communication networks.

1.3 In light of the above, ICAO will hold the *"CAR/SAM 01/00 CNS Informal Meeting"*, in Mexico City from 26 to 29 June 2000. The invitation letter was addressed to CAR/SAM States/Territories/Organizations located along the boundaries of the CAR and SAM Regions (Colombia, Ecuador, French Guyana, Guyana, Jamaica, Netherlands Antilles, Panama, Suriname, United States, Trinidad and Tobago, Venezuela, COCESNA, IATA, and IFALPA) and to the Technical Group of each regional and domestic network (MEVA, E/CAR, COCESNA, REDDIG, Colombia's Network, and others).

2. Discussion

2.1 According to the Table CNS 1A – AFTN PLAN, FASID ANP CAR/SAM, the only AFTN MEVA/SAM connectivity requirement is the following:

TABLE CNS 1A - AFTN PLAN

State/Station	Cat.	PLANNED					Remarks
		Type	Signaling Speed	Protocol	Code	Target date Implementation	
1	2	7	8	9	10	11	12
PANAMA							
Panama-T							
Bogotá	T		2400	X25	IA-5	TBD	

2.2 Regarding the Table CNS 1C – ATS SPEECH CIRCUITS PLAN of the FASID ANP CAR/SAM, the connectivity requirements of MEVA users to SAM States is summarized in the following Table:

TABLE CNS 1 C - ATS DIRECT SPEECH CIRCUITS PLAN

ATS requirements for speech communications			Circuit			Status of implementation	Remarks
Terminal I	Terminal II	Type	Service	D/S	To be switched via		
1	2	3	4	5	6	7	8
COCESNA							
Cenamer ACC	Bogotá ACC	A	LTF	D		I	
	Guayaquil ACC	A	LTF	D		I	
	Panama ACC	D	LTF	D		I	
JAMAICA							
Kingston ACC	Barranquilla ACC	A	LTF	S	BOGOTA	I	
NETHERLANDS ANTILLES (Netherlands)							
Curacao ACC	Barranquilla ACC	A	LTF	S	BOGOTA	I	
	Maiquetía ACC	A	LTF	D		I	
PANAMÁ							
Panama ACC	Barranquilla ACC	D	LTF	S	BOGOTA	I/P	
	Bogotá ACC	D	LTF	S	BOGOTA	I/P	

2.3 In the **Appendix** to this Working Paper, the Figure shows with a bold arrow the connectivity requirements of MEVA users to SAM States.

2.4 It is recommended that a MEVA Technical Committee be created in order to prepare the MEVA Network to give assistance to all States/Territories/Organizations who are MEVA users at the *"CAR/SAM 01/00 CNS Informal Meeting"*.

3. Suggested Action

3.1 The meeting is invited to:

a) take note of the information presented in this working paper;

b) create a MEVA Technical Committee for the development of the following tasks in order to assist States/Territories/Organizations at the *"CAR/SAM 01/00 CNS Informal Meeting"*:

- study all relevant problems in order to meet AFS communication requirements between MEVA users and the SAM Regional/Domestic digital communication networks, and to formulate proposals for connectivity solutions of those problems.

APPENDIX

Figure: REQUIREMENTS OF AFS CONNECTIVITY FROM MEVA USERS TO SAM STATES