



ICAO

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WORKING PAPER

MEVA/TMG/32 — WP/04
12/04/17

Thirty second MEVA Technical Management Group Meeting (MEVA/TMG/32)
Havana, Cuba, 10 to 12 May 2017

Agenda Item 3: Operation and Performance of the MEVA III Network
3.3 Improvements to MEVA III node performance

EXPERIENCE OF THE MEVA III NODE PERFORMANCE

(Presented by MEVA III TF Rapporteur)

EXECUTIVE SUMMARY	
This Working Paper reviews the MEVA III performance of the last years.	
Action:	Suggested actions presented in section 3.
<i>Strategic Objectives:</i>	<ul style="list-style-type: none">• Safety• Air Navigation Capacity and Efficiency
<i>References:</i>	<ul style="list-style-type: none">• MEVA III monthly reports

1. Introduction

1.1 Comsoft underwent insolvency proceedings and was acquired by Frequentis in 2015. However, the transition was rather smooth and did not affect the performance of the network nor the service that was provided by the new service provider.

1.2 During the period May 2016 to April 2017, the MEVA III service provider, Frequentis, performed satisfactory with no major outage on the network, as evidenced in the respective monthly Network reports and exchanged with all the different MEVA Users.

2. Discussion

2.1 Even though no major service interruptions were identified in the 2016-2017 framework, several pending issues from MEVA State Members are still outstanding:

Update of Pending Issues

2.2 The following objectives were achieved:

- a) Radar data is now being shared between Cuba and Jamaica however the Asterix data format being received by Jamaica is still an issue.
- b) Implementation of PTT line between Jamaica and COCESNA was tested successfully; however, the implementation of service awaits contract signing.
- c) Jamaica and COCESNA achieved an agreement to receive radar data from PZA and the Cayman Islands; however, the implementation of this also awaits contract signing.
- d) Jamaica and the United States signed agreement to begin Aeronautical Message Handling System (AMHS) testing beginning on 1 June 2017.

2.3 The **Appendix** to this working paper summarizes response from all MEVA members.

Conclusion

2.4 The performance of the network over the period under review worked correctly and should form a good platform going forward for the testing and implementation of services such as AMHS, Air Traffic Services Inter-facility Data Communication (AIDC).

3. Suggested Action

3.1 The Meeting is invited to:

- a) take note of the information provided in this working paper;
- b) Review the MEVA members' responses on their nodes; and
- c) take the necessary actions as appropriate.

RESPONSE FROM MEVA MEMBERS

MEVA III Node Performance	Miami	Atlanta	Nassau	Freeport	COCESNA	Cayman	San Juan	Panama	St Maarten	Cuba	Curacao	Haiti	Aruba	Jamaica	Dom Rep	Merida
Status of MEVA Network	Normal	Normal	Normal	Normal						Cuba	Normal	Normal		Normal	Normal	
Pending Issues	Dual T- 1 from Opalocka to Miami ARTCC	None	None	None					None	Normal	Shoutline between Curacao- Jamaica; Soutline San- Juan Curacao	Shoutline operations between Dom Rep and Jamaica pending	Shoutline AUA-CUR Pending	Shoutline between Jamaica - Couracao pending and COCESNA PTT	Shoutline between Santo Domingo /San Juan	
Performance-SLA Compliance										BUCS substitution						
All circuits in duded in SDD complete	Yes	No, still waiting for connection to Brasil	Yes	Yes			Pending: 1) voice line to Punta Cana; 2) RADAR-Sint Maarten		Yes		Yes	yes	No Still awaiting Curocao to implement Shout line	No Still awaiting Curocao to implement Shout line	yes	
Is Performance(availability) for implemented ckts been achieve as SLA	Yes	Yes	Yes	Yes			Yes		Yes	Yes	yes	yes	Yes	Yes	yes	
Relevant troubleshooting issues and credit received?	Yes	Yes	No relivant issues	No relivant issues			Yes		No relivant issues	Yes	No relevant issues	No relevant issues	No issues	No relivant Issues	No relivant issues	
NOC procedures and maintenance procedures acceptable?	Yes	Yes	Yes	Yes			Yes			No relevant issues	Yes	yes	Yes	Yes	Yes	
Failure intervention by Service Provider during sun outage acceptable?	Yes	Yes	OK	OK			Yes		Ok	Some delays to phone answer, no annual maintenance at 2016	Ok	ok	N.A.	Ok	Ok	
Comments on monthly report and performance data for voice and data?	Yes	Yes	OK	OK			Yes		None	Ok	Ok	ok	OK	Ok	Ok	
Pending installation or node configuration?	None	None	None	None			None		None		None	none	None	None	None	
NEW Circuits/services										BUCS, RADAR data sharing with Mérida						
New requirements, Services?	Havana-Houston	AMHS lines to Aruba, Jamaica	None	None			Voice lines to Caracas, Curacao		None		AMHS to Atlanta	no	AMHS	Radar data sharing with COCESNA, Panama	None	
Review network bandwidth increase due to AMHS implementation?		AMHS testing to Aruba, Jamaica to start April-June 2017	Initiating process for AMHS operation	Initiating process for AMHS operation					Operational	None	Initiating process for AMHS operation	no	AMHS testing with ATL in progress	AMHS testing outstanding 64k commence June 2017	None	
Comments on interconnection with E/CAR and REDDIG?	N/A	Brasil still pending							N / A	AMHS working			None			

APPENDIX

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