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North American, Central American and Caribbean Office
INFORMATION PAPER

MEVA/TMG/36 — IP/02
25/05/21

**Thirty Sixth MEVA Technical Management Group Meeting
(MEVA/TMG/36)**

On-line, from 1 to 3 June 2021

Agenda Item 2: Operation and Performance of the MEVA III Network
2.1 MEVA Network operation and performance: 04/2020 - 04/2021

MEVA NETWORK PERFORMANCE (2020-2021)

(Presented by United States)

EXECUTIVE SUMMARY	
This paper presents information on updated status of the MEVA system.	
<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">• 5G Frequency Spectrum Transition• 2020 MEVA Annual Maintenance

1. Introduction

1.1 This paper presents information on significant MEVA events that have occurred over the past year.

2. Discussion

2.1 MEVA III Network Performance

2.1.2 On 8 March 2021, the MEVA service provider, Frequentis, transitioned all MEVA users off the 5G frequency spectrum. The FCC mandated this action to allow cell phone carriers to utilize the spectrum for service expansion.

2.1.3 All MEVA users were transitioned to a new frequency, which prevents conflicts with cell phone operators.

2.2 MEVA III monitoring and reporting

2.2.1 From 26 -30 May 2020, there was a loss of MEVA monitoring due to a lightning strike at the Florida facility. MEVA services were unaffected but access to monitoring the network was impaired until the system was restored.

2.3 Maintenance of the MEVA III Network

2.3.1 MEVA annual maintenance was cancelled in 2020 due to the COVID-19 situation.

3. Conclusion

3.1 The meeting is invited to review the information presented in this paper.