



ICAO

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INFORMATION PAPER

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**Thirty Fourth MEVA Technical Management Group Meeting
(MEVA/TMG/34)**

Miami, United States, 11 to 13 June 2019

Agenda Item 4: MEVA Phase IV

4.2 Strategies about MEVA IV implementation

TECHNICAL EXPLORATION AND PHASES

(Presented by COCESNA)

EXECUTIVE SUMMARY	
This paper comments on the steps to update and migrate to the MEVA 4.0 network, before the end of the additional five-year term.	
<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 Documentation

1. Introduction

1.1 A need to upgrade the existing MEVA II network launched the MEVA III Network, implemented in 2014, which has been performing according to expectations and requirements. The MEVA III Network also has seen an increase in services since its inception.

1.2 In 2018, the Central Caribbean States/Organizations members of the MEVA III Network identified the need to review the MEVA architecture and services to ensure that the Network will support emerging requirements in a cost-effective manner.

2. Discussion

2.1 The MEVA III Framework Agreement is currently in its fifth and last year of the original contract term. The term may be extended for additional five (5) years, on a year to year optional period basis. According to experience, a MEVA network migration process may take several years, divided into several phases, the first one proposed for this next process would be the Technical Exploration Phase.

2.2 The technical exploration consists of the first phase of the renewal/update process of the current MEVA III Network, with the provision of technical information for new technologies and solutions for land and/or satellite-based telecommunication voice and data network services between ATC Centres throughout the geographical region of the Central Caribbean (C/CAR) covering an area bounded to the North by the United States, to the South by Colombia and Venezuela, to the West by Mexico and Central America, and as far East as Sint Maarten.

2.3 The updated technical solution must include all the possible modern, secure and reliable associated equipment, telecommunication technologies and data technologies available that will serve as a technical base for analysis and drafting of a future RFI.

2.4 The following timeline is proposed for the migration process to MEVA 4.0:

Year	Activity
2019-2020	Technical Exploration
2021	Request for Information
2022	Request for Proposal
2023	Implementation & Migration

3. Recommendation

3.1 Collect future new services or services upgrades requirements from all the MEVA Member States.

3.2 Execute the Technical Exploration Phase.