



International Civil Aviation Organization

North American, Central American and Caribbean Office (NACC)

**Seventh Central American Air Navigation Experts Working Group Meeting
(CA/ANE/WG/7)**

Ninth Central Caribbean Working Group Meeting (C/CAR/WG/9)

ICAO NACC Regional Office, Mexico City, Mexico, 5 to 9 March 2012

Agenda Item 3

Air Navigation Matters

3.3 Specific Developments in Air Navigation

- CNS

TRANSITION FROM MEVA II TO MEVA III

(Presented by the MEVA TMG Coordinator)

SUMMARY	
This working paper presents an update on the planned transition from MEVA II to MEVA III Network.	
References:	
<ul style="list-style-type: none">• MEVA Document of Agreement• TMG/22 Meeting Report	
<i>Strategic Objectives</i>	<i>This working paper is related to Strategic Objectives A and C.</i>

1. Introduction

1.1 The paper presents the latest work of the MEVA Telecommunications Management Group (TMG), and invites the Members to take into consideration its conclusion.

2. Discussion

2.1 The MEVA TMG held its 22nd meeting in Melbourne, United States in May 2011. During the meeting the network infrastructure, operation, performance and the status of the contracts of each of the MEVA II Members were reviewed and the following was taken into consideration:

- Several critical elements of the node infrastructure are no longer manufactured such as, MEMOTEC, LINKWAY and SUNBLADE.
- Existing bandwidth remaining is not enough to accommodate the existing and future requirements of the network such as AMHS, radar data sharing, etc.
- There are more efficient and cost-effective technologies available in the market.
- There are bandwidth optimization techniques available, more open system, and COTS.

2.1.2 The TMG reviewed all the information provided during the meeting and agreed that the network should carry out a modernization process. The TMG also agreed that transition process to MEVA III should start now and should be carried out in parallel with the modernization of the existing network.

2.1.3 This decision is based on the fact that new technologies are available, and that these need to be investigated prior to documenting MEVA III requirements.

2.2 *Transition Process to MEVA III*

2.2.1 The transition process should take approximately three years. The MEVA II Contract is five-year fix term and five optional years. The contracts of the majority of the MEVA Members are already in the optional years.

2.2.2 The TMG Members discussed the transition process during the meeting, identifying the following steps as part of the role of the MEVA TMG as defined in its terms of reference and in accordance to the MEVA II Document of Agreement:

- a) Issuance of a Letter of Intent (LOI)
- b) Generate and issue a Request for Information (RFI)
- c) Generate and issue a Request for Proposal (RFP)
- d) Select a vendor
- e) Implement the MEVA III Network

2.2.3 Based on all the information provided, the TMG agreed on the following conclusion:

CONCLUSION 22/10 – Start the Transition Process to MEVA III

Considering that currently, several critical elements of the MEVA II node infrastructure are no longer manufactured, and looking for costs savings with new technologies, bandwidth optimization and COTS equipment, that the MEVA Members start the process for transitioning to MEVA III (modernization of the MEVA II network) and:

- a) *That a Letter of Intent for MEVA III be drafted by the MEVA TMG Coordinator, in coordination with all the MEVA members, and be sent to ICAO NACC Regional Office;*
- b) *ICAO, as coordinator of the MEVA II Network, to proceed accordantly with the Letter of Intent to all MEVA Member States/Organizations for their agreement to transition;*
- c) *That actions a) and b) may be carried out by 31 August 2011; and*
- d) *That the MEVA TMG coordinates and elaborates an action plan for the necessary activities to transition to MEVA III, informing on this plan by the next MEVA TMG Meeting (MEVA TMG/23).*

2.2.4 ICAO NACC issued the Letter of Intent to all MEVA Members on November 2011, and all MEVA Member States approved the Letter.

2.2.5 A work plan for the transition to MEVA III should be completed during the next TMG/23 Meeting to take place on 6-7 March 2012 at the ICAO NACC Office in Mexico City.

3. Suggested Actions

3.1 The Meeting is invited to review the information presented in this working paper and;

- a) Provide the necessary support for a successful transition.
- b) Ensure MEVA Member States participate in the elaboration of the necessary documentation.
- c) Support the participation of their representatives in upcoming meeting.

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