

International Civil Aviation Organization



**THE TWELFTH WORKING GROUP MEETING OF
AERONAUTICAL TELECOMMUNICATION NETWORK
(ATN) IMPLEMENTATION CO-ORDINATION GROUP OF
APANPIRG (ATNICG WG/12)**



5 – 8 August, Renton, WA, USA

Agenda Item 4: MPLS VPN

TRANSITION PROCESS FOR MEVA III SATELLITE NETWORK

(Presented by United States of America)

SUMMARY

This paper describes the transition process for the MEVA II satellite network which provides communication services between the U.S. and member states in the Caribbean, Central and South America Regions.

1. INTRODUCTION

1.1 This paper presents a description of the transition process for the MEVA II satellite network. This network provides communication services between the U.S. and member states in the Caribbean, Central and South America Regions.

1.2 Given the current discussions regarding the desire to implement an MPLS VPN in the Asia/Pacific Region, an examination of the process currently used for the implementation of other regional networks would be beneficial.

2. DISCUSSION

2.1 See Attachment A.

3. ACTION BY THE MEETING

3.1 The meeting is invited to:

- a) note the information contained in this paper; and
- b) discuss the process as it applies to the plan for an Aisa/Pacific MPLS VPN.

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**Federal Aviation
Administration**

**TRANSITION PROCESS FOR MEVA III
SATELLITE NETWORK**

Presented to: ATNICG/WG/12

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Date: August 2013

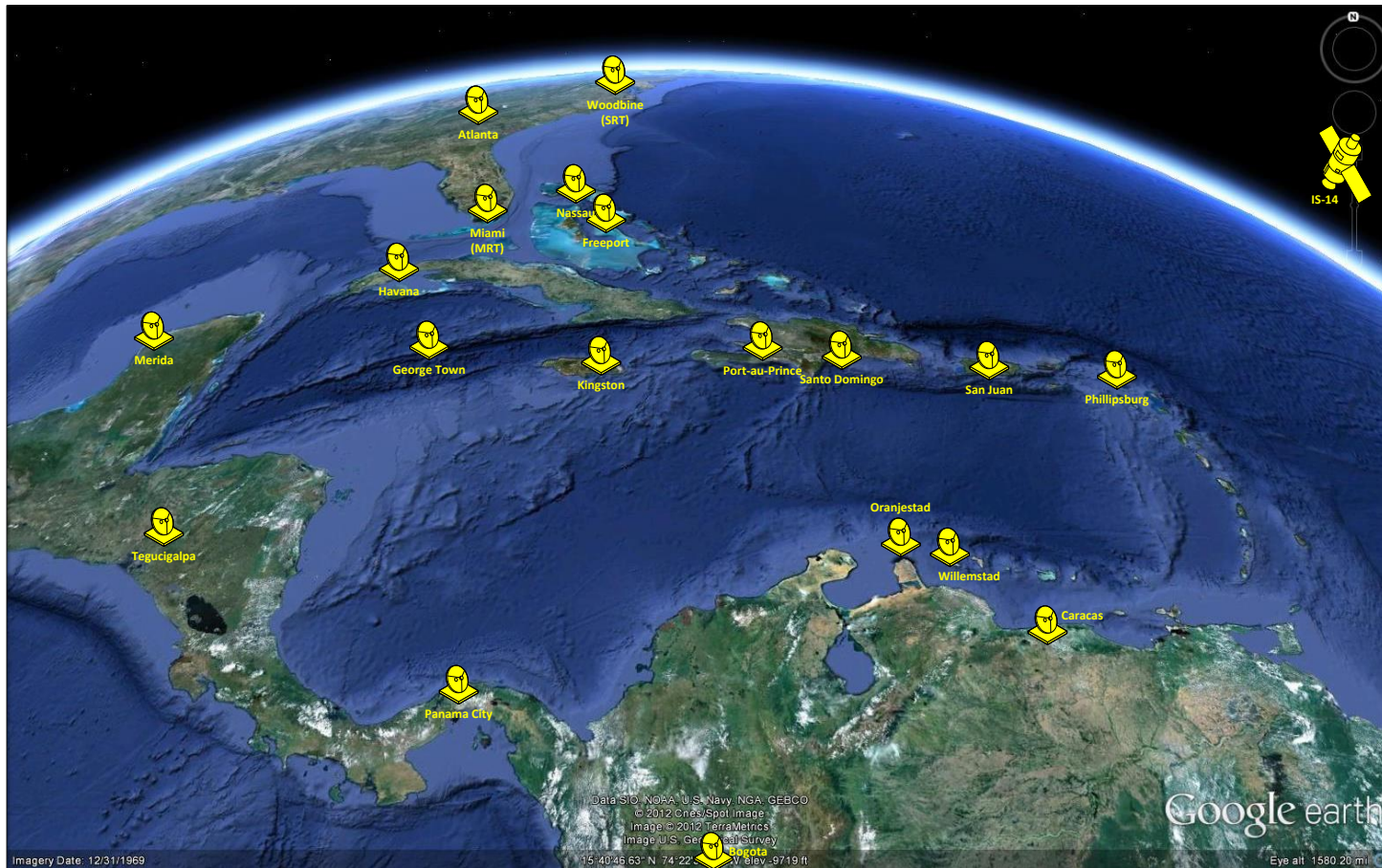
Transition Process for MEVA III

➤ Topics

- Background Information
- Vendor Selection Process
- ICAO Technical Cooperation Bureau
- Implementation Process



Transition Process for MEVA III



Transition Process for MEVA III

➤ Background Information

- MEVA Satellite Network provides voice and data services between U.S. and Member States in the Caribbean, Central and South America Regions.
- There are 18 stations located in 15 States, Territories International Organizations
- Reason for Satellite in the area – Terrestrial options are improving but in many places the “last mile” continues to pose challenges for reliable communications
- Advantage - One service provider for MEVA



Transition Process for MEVA III

➤ Background Information (Cont.)

- Document of Agreement
 - Member States, Territories or International Organizations which are signatory to this DoA, entered into contractual agreement with the Service Provider and is a fully functioning participant in the Network and, consequently of the corresponding Aeronautical Telecommunications Services
- Telecommunications Management Group (TMG)
 - A group of Member States Representatives was created to monitor and manage the Satellite Network.
 - Meetings are held once a year or as necessary to review performance of the network
- TMG Task Force
 - To facilitate the transition process , a smaller group created by TMG and empowered to write Request for Information and Request for Proposal for MEVA III. Their work is presented to and approved by TMG.

Transition Process for MEVA III

➤ Vendor Selection Process

- Three options were review by TMG for the procurement process
 1. TMG to carry out the Request for Information and Request for Proposal Process
 - TMG to write and issue the RFI and RFP.
 - Review responses, interview and select vendor
 2. Request assistance from ICAO Technical Cooperation Bureau (TCB)
 - TMG create a Task Force to write the RFI and Technical portion of the RFP
 - RFP issue by ICAO TCB – all contact from vendors will be through ICAO TCB
 - Vendor will be selected by the TMG and announce by ICAO
 3. ICAO Procurement under the Civil Aviation Purchasing Service (CAPS)
 - A Party may request that ICAO act as its project manager through the ICAO CAPS programme. This contractual agreement would authorize ICAO to manage the procurement, installation and commissioning of the equipment on behalf of the Party. Such a contract would be completely separate from the contract between the Party and the Service Provider.

Transition Process for MEVA III

➤ ICAO Technical Cooperation Bureau

- ❖ The MEVA TMG decided to use the 2nd option - Request assistance from ICAO Technical Cooperation Bureau (TCB)
 - ❖ ICAO TCB is responsible for:
 - Publish RFI and RFP on ICAO HQ Website
 - Prepare RFP documentation (TMG Task Force will provide the Technical Specs for RFP)
 - Publish RFP on ICAO HW Technical Cooperation Bureau website
 - Send RFP to potential service providers registered with ICAO
 - Receive proposals at ICAO HQ (TCB)
 - Participate as technical advisor to MEVA TMG
 - ❖ TCB will also ensure that the Service Provider has
 - Adequate financial resources to perform the contract and comply with ICAO General Terms and Conditions
 - Satisfactory performance record
 - The necessary organization and technical experience, equipment, facilities, etc.



Transition Process for MEVA III

➤ ICAO Technical Cooperation Bureau (Cont.)

❖ MEVA TMG is responsible for:

- Recommending potential service providers to ICAO (Service Providers must register with ICAO in order to receive copy of RFP)
- Provide technical specs to ICAO for RFP preparation
- Evaluate proposals received and make final selection of service providers
- Involvement in any stage of the procurement process requiring additional requirements to the process
- Elaborate and update accordingly the Work Breakdown Statement (WBS)



Transition Process for MEVA III

➤ Implementation Process

- Once a vendor is selected by the TMG
 - ICAO TCB will notify the selected vendor
 - **Each** Member State will sign individual contracts with selected vendor
 - Individual Members can ask ICAO for assistance with contract if necessary
 - Implementation process should be coordinated with selected vendor

Transition Process for MEVA III

➤ Recommendations / Benefits

- Creation of a Technical Management Group
- One Service Provider for the area
- Cost of service will be shared among Member States
- One vote per Member State

