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WORKING PAPER

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Thirtieth MEVA Technical Management Group Meeting (MEVA/TMG/30)

Oranjestad, Aruba, 27 to 29 May 2015

Agenda Item 4: Overview of MEVA III Implementation Activities 4.3 MEVA III Interconnection Matters

MEVA III INTERCONNECTION MATTERS: MEVA – REDDIG AND MEVA-E/CAR

(Presented by the Secretariat)

EXECUTIVE SUMMARY	
This working paper recalls the agreements for the interconnection between MEVA III Network and the REDDIG II and E/CAR AFS Networks, requesting the follow-up and latest updates from the involved parties.	
Action:	The suggested actions are detailed 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">• Twenty-ninth MEVA Technical Management Group Meeting (MEVA/TMG/29), Mexico City, Mexico, 9 to 12 December 2014

1. Introduction

1.1 During the MEVA TMG/29 Meeting, the MEVA Members followed-up on the implementation of the MEVA-REDDIG Interconnection agreements to be implemented in MEVA III recalling these requirements:

No.	Sites	Requirement
Connectivity through the Caracas, Venezuela MEVA III site		
1	Curaçao/Caracas (Venezuela)	1 ATS voice 1 AFTN data, 2400 bps, X.25, IA-5
2	Aruba/Josefa Camejo (Venezuela)	1 ATS voice
3	Atlanta (United States)/Caracas (Venezuela)	1 AFTN data, 9600 bps, X25, IA-5
4	Puerto Rico/Caracas (Venezuela)	1 ATS voice
Connectivity through the Bogota, Colombia MEVA III site		
5	Barranquilla (Colombia)/Curaçao Barranquilla (Colombia)/Jamaica Barranquilla (Colombia)/Panama	ATS voice
6	Bogota (Colombia)/Panama	1 AFTN data, 2400 bps, X25, IA-5
7	Bogota (Colombia)/Panama Cali (Colombia)/Panama	ATS voice

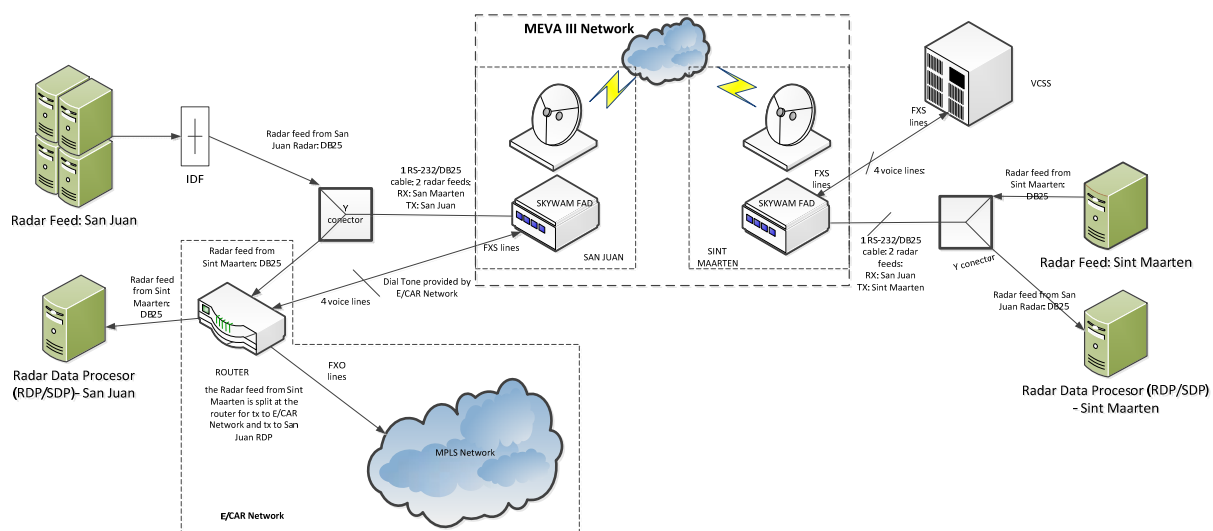
	Medellin (Colombia)/Panama San Andrés (Colombia)/Panama	
8	Lima (Peru) / Atlanta (United States)	1 AFTN data, 9600 bps, X25, IA-5
9	Atlanta (United States)/Manaus (Brazil)	1 AFTN data, 9600 bps, X25, IA-5
	Connectivity through the Tegucigalpa, Honduras REDDIG site	
10	COCESNA/Guayaquil COCESNA/ Bogotá	ATS voice

1.2 Similarly, the MEVA Members identified that in MEVA II Network the only requirement not completed was the AFTN data circuit with Brazil as mentioned in conclusion TMG/29/01 *Continuation of Activities for MEVA/REDDIG Interconnection AFTN Data Circuit with Brazil* to be completed in MEVA III by the 1st semester 2015.

1.3 The MEVA Members also recalled the need to review and update the associated procedures and agreements of the MEVA II REDDIG Interconnection considering the implementation of the REDDIG II and MEVA III Networks. An ad-hoc group of the MEVA III TF with representatives of Aruba, Curacao, COCESNA, United States was created in the TMG/29 Meeting to review the MEVA II – REDDIG Memorandum of Agreement document and propose an updated version taking into account the implementation of REDDIG II and MEVA III as detailed in conclusion MEVA TMG/29/11 *MEVA III- REDDIG II Interconnection*.

1.4 Regarding the MEVA III- E/CAR AFS Interconnection, from the TMG/29 Meeting the MEVA Members noted the progress and results of the E/CAR –MEVA II interconnectivity and the final circuit requirements to be implemented in the MEVA III Sint Maarten node and the schematic illustration of the interconnection requirements:

	ATS Units	Technical details
SINT MAARTEN/ JULIANA APP	Anguilla (Clayton J. Lloyd International)	2 PBX service from ECAR-analogue voice line
	Antigua (V. C. Bird APP)	1 PBX service from ECAR-analogue voice line
	Saint Kitts (Robert L. Bradshaw TWR)	1 PBX service from ECAR-analogue voice line
	San Juan ACC/PIARCO ACC	1 Serial line, RS232, radar circuit



2. Discussion

2.1 The REDDIG II Network became operational since February 2015 and the MEVA III Network became operational since 1 April 2015.

2.2 From the REDDIG II and MEVA III Network implementation all MEVA-REDDIG circuits were implemented except for:

- the 3 AFTN Data circuits with Atlanta where a PAD equipment will be implemented in the Caracas and Bogota nodes by May/June 2015.
- Voice circuits to Bogota through the REDDIG Network, solutions are being tested at Bogota end user system.

2.3 A multilateral meeting between Antigua, Sint Maarten, Trinidad and Tobago and United States was conducted in March 2015, where the E/CAR – MEVA interconnection matters were discussed.

2.4 The MEVA and REDDIG Interconnection documents will be reviewed and discuss during the MEVA III/ REDDIG II Interconnection Meetings.

3. Suggested Action

3.1 The Meeting is invited to:

- a) take note of agreements and status for the interconnection between MEVA III and the REDDIG II and E/CAR AFS Networks;
- b) COMSOFT to report on the tests and operational status of the MEVA III-REDDIG interconnection related circuits;
- c) United States and Sint Maarten to inform on the results agreed and progress done from their meeting in March 2015;
- d) COCESNA to inform the solution reached for the ATS circuits with Colombia; and
- d) take any other action as deemed necessary.