(E/CAR/NTG/6 & E/CAR/RD/4) WP/08
08/07/15

Sixth Eastern Caribbean Network Technical Group (E/CAR/NTG/6) and Fourth Eastern Caribbean Radar Data Sharing Ad-hoc Group (E/CAR/RD/4) Meetings
Miami, United States, 13 - 14 July 2015

Agenda Item 3:   **E/CAR Aeronautical Fixed Service (AFS) Network Performance and Operation**
3.1   Network performance analysis and general aspects

NETWORK PERFORMANCE ANALYSIS AND GENERAL ASPECTS

(Presented by Trinidad and Tobago)

SUMMARY
This working paper presents an analysis of the fault reports received for the period October 2014 to June 2015.

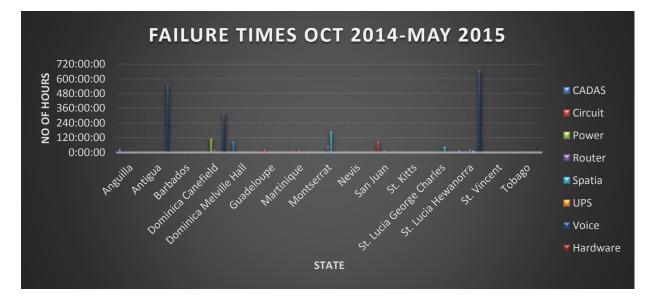| **Action**	The suggested actions are presented in Section 3.
Strategic Objectives	• Safety • Air Navigation Capacity and Efficiency
References	Fifth Eastern Caribbean Network Technical Group (E/CAR/NTG/5) and Third Eastern Caribbean Radar Data Sharing Ad hoc Group (E/CAR/RD/3) Meetings, Guadeloupe, French Antilles, France, 22 to 24 October 2014.

1.   **Introduction**

1.1   The Topdesk on-line web-based fault reporting and resolution application provided by Trinidad and Tobago is being utilized by users of the Eastern Caribbean AFS network to log faults and receive timely resolution information. The application provides statistics and reports for all States/Territories. Reports and statistics may be generated per State, per period, per type of failure, etc. In the OECS ATC/AIS report all faults to the ECCAA Technical staff who in turn logs the fault on Top Desk.
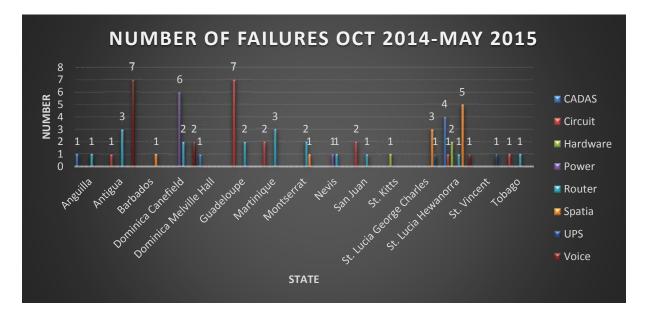
1.2   An internet portal which can be used to monitor the performance of the network was provided to E/CAR AFS users via http://tsttmetroe.tstt.co.tt, for monitoring purposes.
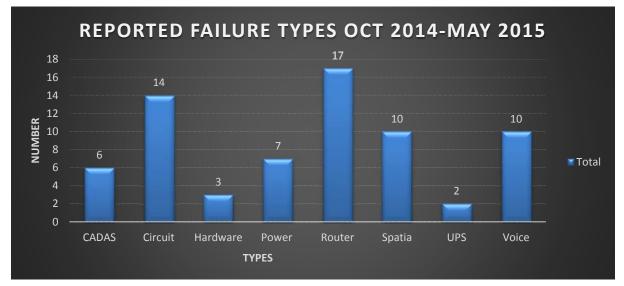
2.   **Discussion**

2.1   The following breakout of reported faults taken from Topdesk for the period October 2014 to May 2015 is presented as follows:

State	CADAS	Circuit	Hardware	Power	Router	Spatia	UPS	Voice	Grand Total
Anguilla	1				1				2
Antigua		1			3			7	11
Barbados						1			1
Dominica Canefield				6	2			2	10
Dominica Melville Hall	1								1
Guadeloupe		7			2				9
Martinique		2			3				5
Montserrat					2	1			3
Nevis				1	1				2
San Juan		2			1				3
St. Kitts			1						1
St. Lucia George Charles						3	1		4
St. Lucia Hewanorra	4	1	2		1	5		1	14
St. Vincent							1		1
Tobago		1			1				2
Grand Total	**6**	**14**	**3**	**7**	**17**	**10**	**2**	**10**	**69**

FAILURE TIMES OCT 2014-MAY 2015

NUMBER OF FAILURES OCT 2014-MAY 2015

REPORTED FAILURE TYPES OCT 2014-MAY 2015

3. **Suggested Action**

3.1 The Meeting is invited to:

a) take note of the information presented in this paper; and

b) study, analyse and propose solutions to minimize the number and duration of failures.

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