



**International Civil Aviation Organization
Western and Central Africa Office
Second Meeting of the Central Atlantic FIR
Satellite Network (CAFSAT)
Management Committee (CNMC/2)**

CNMC/2 - WP/03B

22/10/12

Dakar, Senegal, 06 - 08 November 2012

Agenda Item 2: *Review the performance of CAFSAT earth stations and the operational statistics of Availability for supported links*

Lisbon and Santa Maria CAFSAT stations availability

(Presented by Portugal)

Summary

This information paper presents information on availability of Lisbon and Santa Maria CAFSAT stations during 1st semester of 2012.

1 Background

According Conclusion SAT/16/14 and Decision CNMC/1/02 each trimester statistics of availability of CAFSAT earth stations are to be send to ICAO Dakar Office and CNMC manager.

2 Discussion

Portugal has presented a quarterly report on availability of CAFSAT earth stations of Lisbon and Santa Maria.

Portugal	Santa Maria	Lisbon	CAFSAT	Assy V24	2.4Kbps	Direct	01		02		03		04		05		06		1	
							Tx	Rx	Tx	Rx	Tx	Rx	Tx	Rx	Tx	Rx	Tx	Rx	Tx	Rx
		100 %		100 %	94.4 5%		94.4 5%	99.97 %	99.9 7%	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
Portugal	Santa Maria	Sal	CAFSAT	Assy. V24	2.4Kbps	Direct	01		02		03		04		05		06		1	
							Tx	Rx	Tx	Rx	Tx	Rx	Tx	Rx	Tx	Rx	Tx	Rx	Tx	Rx
		100 %		100 %	100 %		99.7 8%	100%	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %

Quality Performance of ATS/DS

Centre: Santa Maria

Date: 20/10/2012

Country	Terminal I	Terminal II	Support	Connexion Time	Nb of Attempts	One Way Latency Time	Call set up time	Voice Quality (1 to 5)	Monthly Availability 2012						½ Annual Average Availability
									01	02	03	04	05	06	
Portugal	Santa Maria	Canary	CAFSAT					4	100%	99.85%	99.97%	100%	100%	99.98%	99.95%
		Sal						4	100%	99.97%	100%	100%	99.98%	99.98%	
		Lisbon 1						4	100%	94.45%	99.97%	100%	100%	100%	99.07%
		Lisbon 2						4	100%	94.45%	99.97%	100%	100%	100%	99.07%

CNS Services OLDI and Radar Data

Centre: Santa Maria

Date: 20/10/2012

Country	Terminal I	Terminal II	Support	Provided Service	COM Protocol	Speed	Transit time	Routing	Monthly Availability 2012						½ Annual Average Availability	
									01	02	03	04	05	06		
Portugal	Santa Maria	Canary	CAFSAT	OLDI	X.25	2.4 Kbps		Direct	01	02	03	04	05	06	99.94%	
		Sal		OLDI	X.25	1.2 Kbps		Direct	01	02	03	04	05	06	99.90%	

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