



APPENDIX C

CAFSAT Collection of the Performance Statistics Data

Appendix C.1

(1st semester 2015)

Performance of AFTN

Centre: Lisbon (Coordinates: 38° 46' 29.14" N / 09° 07' 28.77 W, under WSG 84 format))

Date: 06/08/2015

Country	Terminal I	Terminal II	Support	Com Prot.	Speed	Transit time	Routing	Monthly Availability 2015												½ Annual Average Availability	
								01		02		03		04		05		06		1	
Portugal	Lisbon	Santa Maria	CAFSAT	Assy. V.24	2.4 Kbps		Direct	Tx	Rx	Tx	Rx	Tx	Rx	Tx	Rx	Tx	Rx	Tx	Rx	Tx	Rx
								100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
		01						02		03		04		05		06					
		Tx						Rx	Tx	Rx	Tx	Rx	Tx	Rx	Tx	Rx	Tx	Rx	Tx	Rx	

Quality Performance of ATS/DS

Centre: Lisbon

Date: 06/08/2015

Country	Terminal I	Terminal II	Support	Connection Time	Nb.. of Attempts	One Way Latency Time	Call set up time	Voice Quality (1 to 5)	Monthly Availability 2015						½ Annual Average Availability								
									01	02	03	04	05	06									
Portugal	Lisbon	Santa Maria 1	CAFSAT					4	01	02	03	04	05	06	100%	100%	100%	100%	100%	100%	100%		
		Santa Maria 2						4	01	02	03	04	05	06	100%	100%	100%	100%	100%	100%	100%		
		Casablanca AMS (Foia)						4	01	02	03	04	05	06	100%	100%	100%	100%	100%	100%	100%		
										01	02	03	04	05	06								



CNS Services OLDI and Radar Data

Centre: Lisbon

Date: 06/08/2015

Country	Terminal I	Terminal II	Support	Provided Service	COM Protocol	Speed	Transit Time	Routing	Monthly Availability 2015						½ Annual Average Availability
									01	02	03	04	05	06	
Portugal	Lisbon	Casablanca	CAFSAT	OLDI	X.25	9.6 Kbps		Direct	01	02	03	04	05	06	100%
		Casablanca		Radar Fóia	HDLC	9.6 Kbps		Direct	01	02	03	04	05	06	
		Casablanca		Radar Porto Santo	HDLC	9.6 Kbps		Direct	01	02	03	04	05	06	100%
									01	02	03	04	05	06	

06/08/2015



CAFSAT Collection of the Performance Statistics Data

Appendix C.2

(2nd semester 2015)

Performance of AFTN

Centre: Lisbon (Coordinates: 38° 46' 29.14" N / 09° 07' 28.77" W, under WGS 84 format)

Date: 17/02/2016

Country	Terminal I	Terminal II	Support	Com Prot.	Speed	Transit time	Routing	Monthly Availability 2015												½ Annual Average Availability				
								07		08		09		10		11		12		2				
Portugal	Lisbon	Santa Maria	CAFSAT	Assy. V.24	2.4 Kbps		Direct	Tx	Rx	Tx	Rx	Tx	Rx	Tx	Rx	Tx	Rx	Tx	Rx	Tx	Rx			
								100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
		%						%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	100%	100%
		07						08		09		10		11		12								
	Tx	Rx	Tx	Rx	Tx	Rx	Tx	Rx	Tx	Rx	Tx	Rx	Tx	Rx	Tx	Rx								

Quality Performance of ATS/DS

Centre: Lisbon

Date: 17/02/2016

Country	Terminal I	Terminal II	Support	Connection Time	Nb.. of Attempts	One Way Latency Time	Call set up time	Voice Quality (1 to 5)	Monthly Availability 2015						½ Annual Average Availability
									07	08	09	10	11	12	
Portugal	Lisbon	Santa Maria 1	CAFSAT					4	07	08	09	10	11	12	100%
		Santa Maria 2						4	07	08	09	10	11	12	100%
		Casablanca AMS (Foia)						4	07	08	09	10	11	12	100%



CNS Services OLDI and Radar Data

Centre: Lisbon

Date: 17/02/2016

Country	Terminal I	Terminal II	Support	Provided Service	COM Protocol	Speed	Transit Time	Routing	Monthly Availability 2015						½ Annual Average Availability
									07	08	09	10	11	12	
Portugal	Lisbon	Casablanca	CAFSAT	OLDI	X.25	9.6 Kbps		Direct	07	08	09	10	11	12	100%
		Casablanca		Radar Fóia	HDLC	9.6 Kbps		Direct	07	08	09	10	11	12	100%
		Casablanca		Radar Porto Santo	HDLC	9.6 Kbps		Direct	07	08	09	10	11	12	100%

17/02/2016



CAFSAT Collection of the Performance Statistics Data

Appendix C.3

(1st trimester 2016)

Performance of AFTN

Centre: Lisbon (Coordinates: 38° 46' 29.14" N / 09° 07' 28.77 W, under WSG 84 format))

Date: 28/04/2016

Country	Terminal I	Terminal II	Support	Com Prot.	Speed	Transit time	Routing	Monthly Availability 2016												½ Annual Average Availability	
								01		02		03		04		05		06		1	
Portugal	Lisbon	Santa Maria	CAFSAT	Assy. V.24	2.4 Kbps		Direct	Tx	Rx	Tx	Rx	Tx	Rx	Tx	Rx	Tx	Rx	Tx	Rx	Tx	Rx
								100 %	100 %	100 %	100 %	100 %	100 %								
		01						02		03		04		05		06					
		Tx						Rx	Tx	Rx	Tx	Rx	Tx	Rx	Tx	Rx	Tx	Rx	Tx	Rx	

Quality Performance of ATS/DS

Centre: Lisbon

Date: 28/04/2016

Country	Terminal I	Terminal II	Support	Connection Time	Nb.. of Attempts	One Way Latency Time	Call set up time	Voice Quality (1 to 5)	Monthly Availability 2016						½ Annual Average Availability
									01	02	03	04	05	06	
Portugal	Lisbon	Santa Maria 1	CAFSAT					4	100%	100%	100%				
		Santa Maria 2					4	100%	100%	100%					
		Casablanca AMS (Foia)					4	100%	100%	100%					
									01	02	03	04	05	06	
									100%	100%	100%				
									01	02	03	04	05	06	



CNS Services OLDI and Radar Data

Centre: Lisbon

Date: 28/04/2016

Country	Terminal I	Terminal II	Support	Provided Service	COM Protocol	Speed	Transit Time	Routing	Monthly Availability 2016						½ Annual Average Availability
									01	02	03	04	05	06	
Portugal	Lisbon	Casablanca	CAFSAT	OLDI	X.25	9.6 Kbps		Direct	01	02	03	04	05	06	
		Casablanca		Radar Fóia	HDLC	9.6 Kbps		Direct	01	02	03	04	05	06	
		Casablanca		Radar Porto Santo	HDLC	9.6 Kbps		Direct	01	02	03	04	05	06	
									01	02	03	04	05	06	

28/04/2016



CAFSAT Collection of the Performance Statistics Data

Appendix C.4

(1st semester 2015)

Performance of AFTN

Centre: Santa Maria (Coordinates: 36° 58' 22.45" N / 25° 09' 55.01" W, under WGS 84 format)

Date: 06/08/2015

Country	Terminal I	Terminal II	Support	Com Prot.	Speed	Transit time	Routing	Monthly Availability 2015												½ Annual Average Availability	
								01		02		03		04		05		06		1	
							Direct	Tx	Rx	Tx	Rx	Tx	Rx	Tx	Rx	Tx	Rx	Tx	Rx		
Portugal	Santa Maria	Lisbon	CAFSAT	Assy V24	2.4Kbps		Direct	100	100	100	100	100	100	100	100	100	100	100	100		
								%	%	%	%	%	%	%	%	%	%	%	%	%	
	Sal	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	100	100	100	100	100	100	100	100	100		
								%	%	%	%	%	%	%	%	%	%	%	%		

Quality Performance of ATS/DS

Centre: Santa Maria

Date: 06/08/2015

Country	Terminal I	Terminal II	Support	Connetion Time	Nb of Attempts	One Way Latency Time	Call set up time	Voice Quality (1 to 5)	Monthly Availability 2015						½ Annual Average Availability
									01	02	03	04	05	06	
Portugal	Santa Maria	Canary	CAFSAT					4	100%	99.93%	99.81%	100%	100%	100%	99.96%
		Sal						4	100%	100%	100%	100%	92.27%	100%	98.68%
		Lisbon 1						4	100%	100%	100%	100%	100%	100%	100%
		Lisbon 2						4	100%	100%	100%	100%	100%	100%	100%



CNS Services OLDI and Radar Data

Centre: Santa Maria

Date: 06/08/2015

Country	Terminal I	Terminal II	Support	Provided Service	COM Protocol	Speed	Transit time	Routing	Monthly Availability 2015						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	100%
		Sal		OLDI	X.25	1.2 Kbps		Direct	01	02	03	04	05	06	99.77%
									01	02	03	04	05	06	

06/08/2015



CAFSAT Collection of the Performance Statistics Data

Appendix C.5

(2nd semester 2015)

Performance of AFTN

Centre: Santa Maria (Coordinates: 36° 58' 22.45" N / 25° 09' 55.01" W, under WGS 84 format)

Date: 17/02/2016

Country	Terminal I	Terminal II	Support	Com Prot.	Speed	Transit time	Routing	Monthly Availability 2015												½ Annual Average Availability	
								07		08		09		10		11		12		2	
								Tx	Rx	Tx	Rx	Tx	Rx	Tx	Rx	Tx	Rx	Tx	Rx		
Portugal	Santa Maria	Lisbon	CAFSAT	Assyn V24	2.4Kbps		Direct	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%		
								07	08	09	10	11	12								
	Sal	Assyn V24	2.4Kbps	Direct	97.98%	97.98%	98.26%	98.26%	99.9%	99.9%	99.7%	99.7%	99.9%	99.9%	99.32%	99.32%					
					07	08	09	10	11	12											

Quality Performance of ATS/DS

Centre: Santa Maria

Date: 17/02/2016

Country	Terminal I	Terminal II	Support	Connetion Time	Nb of Attempts	One Way Latency Time	Call set up time	Voice Quality (1 to 5)	Monthly Availability 2015						½ Annual Average Availability
									07	08	09	10	11	12	
Portugal	Santa Maria	Canary	CAFSAT					4	100%	100%	100%	99.96%	100%	100%	99.99%
		Sal						4	100%	97.98%	98.26%	99.94%	99.78%	92.69%	98.11%
		Lisbon 1						4	100%	100%	100%	100%	100%	100%	100%
		Lisbon 2						4	100%	100%	100%	100%	100%	100%	100%



CNS Services OLDI and Radar Data

Centre: Santa Maria

Date: 17/02/2016

Country	Terminal I	Terminal II	Support	Provided Service	COM Protocol	Speed	Transit time	Routing	Monthly Availability 2015						½ Annual Average Availability		
									07	08	09	10	11	12			
Portugal	Santa Maria	Canary	CAFSAT	OLDI	X.25	2.4 Kbps		Direct	07	08	09	10	11	12	99.99%		
		Sal		OLDI	X.25	1.2 Kbps		Direct	07	08	09	10	11	12	99.32%		
											07	08	09	10	11	12	
											07	08	09	10	11	12	

17/02/2016



CAFSAT Collection of the Performance Statistics Data

Appendix C.6

(1st trimester 2016)

Performance of AFTN

Centre: Santa Maria (Coordinates: 36° 58' 22.45" N / 25° 09' 55.01" W, under WGS 84 format)

Date: 28/04/2016

Country	Terminal I	Terminal II	Support	Com Prot.	Speed	Transit time	Routing	Monthly Availability 2016												½ Annual Average Availability	
								01		02		03		04		05		06		1	
								Tx	Rx	Tx	Rx	Tx	Rx	Tx	Rx	Tx	Rx	Tx	Rx		
Portugal	Santa Maria	Lisbon	CAFSAT	Assy V24	2.4Kbps		Direct	100	100	100	100	100	100								
								%	%	%	%	%	%								
	Sal	Assy. V24	2.4Kbps		Direct	01		02		03		04		05		06					
						Tx	Rx	Tx	Rx	Tx	Rx	Tx	Rx	Tx	Rx	Tx	Rx	Tx	Rx		
								100	100	99.7	99.7	98.9	98.9								
								%	%	8%	8%	1%	1%								

Quality Performance of ATS/DS

Centre: Santa Maria

Date: 28/04/2016

Country	Terminal I	Terminal II	Support	Connetion Time	Nb of Attempts	One Way Latency Time	Call set up time	Voice Quality (1 to 5)	Monthly Availability 2016						½ Annual Average Availability
									01	02	03	04	05	06	
Portugal	Santa Maria	Canary	CAFSAT					4	99.95%	99.88%	99.85%				
		Sal						4	100%	99.78%	98.91%				
		Lisbon 1						4	100%	100%	100%				
		Lisbon 2						4	100%	100%	100%				



CNS Services OLDI and Radar Data

Centre: Santa Maria

Date: 28/04/2016

Country	Terminal I	Terminal II	Support	Provided Service	COM Protocol	Speed	Transit time	Routing	Monthly Availability 2016						½ Annual Average Availability
									01	02	03	04	05	06	
Portugal	Santa Maria	Canary	CAFSAT	OLDI	X.25	2.4 Kbps		Direct	99.95%	99.88%	99.85%				
		Sal		OLDI	X.25	1.2 Kbps		Direct	100%	99.78%	98.91%				
										01	02	03	04	05	06
										01	02	03	04	05	06