



International Civil Aviation Organization
NORTH AMERICAN, CENTRAL AMERICAN AND CARIBBEAN OFFICE (NACC)
Thirty-Third Eastern Caribbean Working Group Meeting
(E/CAR/WG/33)
Third Meeting of the Eastern Caribbean Network Technical Group
(E/CAR/NTG/3)
Christ Church, Barbados, 5 to 6 June, 2012

E/CAR/WG/33 Agenda Item 3

Air Navigation Matters

3.2 Follow-up on the implementation of the NAM/CAR Regional Performance Based Air Navigation Plan (RPBANIP) in Eastern Caribbean:

E/CAR/NTG Agenda Item 3

Related Additional NTG Activities

- b) AMHS
- c) Central FDP System activities

AMHS IMPLEMENTATION AND FPL CENTRALIZED ACTIVITIES

(Presented by Trinidad and Tobago)

SUMMARY	
This paper presents an overview of the upgrades for E/CAR users from AFTN to AMHS and implementation of a new AISS inclusive of the new FPL format and the Centralized Flight Plan system.	
References:	
• Final Report of the E/CAR/DCA/23 Meeting, Christ Church, Barbados (9-12 November 2010) • Final Report of the NACC/WG/3 Meeting, Guatemala City, Guatemala (9 -13 May 2011)	
Strategic Objectives	This working paper is related to Strategic Objectives A and C

1. Introduction

1.1 In keeping with ICAO Global Plan Initiatives – DOC 9750 (GPI-22) Communication and Infrastructure, ICAO implementation of the New Flight Plan format (Amendment 1 to Doc 4444) and ECAR/DCA/23 Conclusion 23/6 on Missing and Duplicate Flight Plan, Trinidad and Tobago Civil Aviation Authority signed contracts with COMSOFT and IDS for the supply and installation of an Air Traffic Services Message Handling System – Extended Service (AMHS) and an Aeronautical Information Services System (AISS) respectively.

2. Discussion

2.1 AMHS

2.1.1 The AMHS will be installed and commissioned in Trinidad during the period 3rd May 2012 thru 16th November 2012. **Appendix A** shows the timeline for Trinidad and Tobago's installation etc. AMHS User Agent (UA) terminals will be installed for the Eastern Caribbean States during the period November 2012 thru March 2013. Please see the requirements list for the installation attached as Appendix C to this document. States are required to complete this form and return to vramdath@gmail.com by 15th June 2012. States are requested to make arrangements for expediting of customs clearances and to have on-site wiring completed so that this task can be completed without undue delay. Technical and operational training will be done on site after installation and testing. Therefore states are to ensure that the appropriate staff is on hand to receive this training. During this period Eastern Caribbean States will continue to use the present IAT terminals for communication using an AFTN gateway provided by the COMSOFT Switch.

2.1.2 Interoperability test with the Port of Spain AMHS switch and the Maiquetia Switch is expected to begin in October 2012. Similar tests with Atlanta NADIN will be conducted in February 2013 and thereafter, the switch will be commissioned for use in March 2013.

2.2 FPL 2012

2.2.1 The recent Amendment 1 to ICAO DOC 4444 has defined changes in content and format to the traditional Flight Plan (FPL) and how the FPL is shared between stakeholders. With the deadline now fast approaching the challenge facing TTCAA and the ECAR states is in meeting the November 15th 2012 timeline. Further complicating the transition to the 2012 FPL is the fact that some of the global users of flight plans who will be sharing flight information with TTCAA and the ECAR states will not have adopted the 2012 FPL by the deadline. This means that a dual operational environment of the old FPL and 2012 FPL will need to be maintained for some time.

2.2.1 The procured AISS provides the technological solution to transition TTCAA and all ECAR states to the 2012 FPL while maintaining backwards compatibility to the old FPL at the same time: **Appendix B** details the GANT chart for the AISS delivery in Trinidad and Tobago.

2.3 AISS

2.3.1 The AISS is designed to be the single authoritative source for FPLs for TTCAA and the ECAR states. All FPLs originating in other countries which are to be sent to TTCAA or an ECAR state will be sent to the AISS. Using the AISS terminals, relevant parties (users) can access these FPLs directly based on their needs. In the same way, any FPL originating from TTCAA or ECAR states will be created using the AISS terminals with the system automating the dissemination of the FPLs to external parties as applicable.

2.3.2 The AISS is 100% compliant to the 2012 FPL. It supports the creation, reception, processing, validation, storage, and dissemination of the 2012 FPL. Additionally the AISS provides backward compatibility to the old FPL format in the following ways:

- a) As a matter of configuration, all FPLs received from external parties in the old format can be stored in the database as is or converted to 2012 format and then stored.
- b) All FPLs created by the system are created in 2012 format, but upon dissemination they are transmitted in either format based on the capabilities of recipient. (The system contains a listing of FPL recipients with their associated FPL format).

2.3.3 In keeping with the time schedule for the delivery of the AMHS UA terminals for the ECAR States the AISS terminals will be delivered during the period November 2012 thru March 2013.

2.4 AIM

2.4.1 In addition to the 2012 FPL requirements, the AISS is also well positioned to meet the upcoming requirement of Aeronautical Data Quality (ADQ) which is a set of European Regulations intended to ensure the quality of aeronautical information throughout its entire lifecycle. While ADQ is a European requirement, it is quickly being adopted by other regions because of its obvious benefits for quality and safety.

2.4.2 In keeping with principles of ADQ, the AISS contains a central static aeronautical database which based on the Aeronautical Information Exchange Model (AIXM) v5.1. This single database employs a complex workflow management system to ensure aeronautical static data maintains its integrity throughout its processing lifecycle from origination to publication. Raw data is captured from the source, follows a defined process flow with full traceability, and is processed and validated prior to storage in the central database. This database serves as data source to publication department enabling a high degree of automation in AIP and Chart publication.

2.4.3 Furthermore the content of all NOTAMs, OPMETs, and FPLs received by the AISS are validated against the central static database extending the principles of ADQ beyond static aeronautical data to dynamic data as well.

2.5 CONTINGENCY PLAN FPL 2012

2.5.1 As stated before, the TTCAA will begin installation and training of AMHS and AISS stations in November 2012, this will not accommodate the 15th of November deadline for flight plan 2012. A Contingency plan has therefore been developed for the Eastern Caribbean States to fulfil the requirements for FPL 2012. This involves the use of a Flight Plan converter. The FPL converter converts PRESENT FPL to the FPL 2012 format and vice-versa. Some information to this effect has already been disseminated via AIC series A 01/12 dated 31 May 2012

2.5.2 The ECAR States will continue to use their present IAT terminals to disseminate and receive FPLs in the present format. These FPLs will be converted to the FPL 2012 or PRESENT format at the Switching Centre in PIARCO using the FPL Converter.

2.5.3 This contingency will be discontinued when all ECAR States are equipped with the AMHS and AISS Terminals.

3. Suggested Action

3.1 The Meeting is invited to:

- a) Take note of the information presented in this paper;
- b) Complete the requirements list (**Appendix C**) and return to Trinidad and Tobago **by 15th June 2012**
- c) Take any other action that the meeting considers appropriate.

Timeline for AMHS Installation and Testing

E/CAR/WG/33 – WP/21
E/CAR/NTG/3 – WP/12
APPENDIX A

No.	Phase	Done	Begin	End	Dur.	Predecessor	Successor	Staff/Ressource	Ref.	Acr.
1	AMSS-TT (500410)	0%	Do 03.05.12	Fr 04.09.26	3742 t?					
2	Milestones	0%	Do 03.05.12	Fr 04.09.26	3742 t					
3	Payment Milestones	0%	Fr 11.05.12	Fr 16.11.12	135 t					
4	ED - First Payment Received (10%)	0%	Fr 11.05.12	Fr 11.05.12	0 t	9EA+7 t?	10 KL, IH		, C21.2.1	
5	DEL - Delivery (60%)	0%	Fr 24.08.12	Fr 24.08.12	0 t	12	KL, IH		, C21.2.2	
6	FA - Final Acceptance (SAT, 30%)	0%	Fr 16.11.12	Fr 16.11.12	0 t	27	KL, IH		, C21.2.3	
7	Project Milestones	0%	Do 03.05.12	Fr 04.09.26	3742 t					
8	Contractual	0%	Do 03.05.12	Fr 16.11.12	142 t					
9	Contract Signature	100%	Do 03.05.12	Do 03.05.12	0 t		4EA+7 t? MS/UKA			Ed
10	ED - Reception of First Payment	0%	Fr 11.05.12	Fr 11.05.12	0 t	4	33EA-7 t;60 MS/UKA			Ed
11	FAT - Factory Acceptance	0%	Fr 27.07.12	Fr 27.07.12	0 t	43	67;20 PC			FatD
12	DEL - Delivery	0%	Fr 24.08.12	Fr 24.08.12	0 t	68	5;69 PC			Del
13	SAT	0%	Fr 16.11.12	Fr 16.11.12	0 t	58	27;26 PC			SatD
14	Further Checkpoints	0%	Fr 15.06.12	Fr 04.09.26	3710 t					
15	Project Management	0%	Fr 15.06.12	Fr 04.09.26	3710 t					
16	DA - Design Approved	0%	Fr 15.06.12	Fr 15.06.12	0 t	35	64EA-15 t PC			DsgnD

E/CAR/WG/33 – WP/21

E/CAR/NTG/3 – WP/12

No.		Phase	Done	Begin	End	Dur.	Predecessor	Successor	Staff/Ressource	Ref.	Acr.
17		F12 - Ready for FPL 2012 Testing	0%	Do 28.06.12	Do 28.06.12	0 t	62		PC		
18		HHO - Hardware Handover	0%	Fr 29.06.12	Fr 29.06.12	0 t	64		PC		
19		FATR - Ready for FAT	0%	Mo 23.07.12	Mo 23.07.12	0 t	41	43	PC		
20		SHIP - Start of Shipment	0%	Fr 27.07.12	Fr 27.07.12	0 t	11	45	PC	14, C13.1	
21		INST - Installation Complete	0%	Fr 07.09.12	Fr 07.09.12	0 t	69	70	PC		InstD
22		SATR - Ready for SAT	0%	Fr 21.09.12	Fr 21.09.12	0 t	70;47	49	PC		
23		SOP - Start of Operational Service	0%	Fr 05.10.12	Fr 05.10.12	0 t	50		PC		
24		TRR - Ready for Training	0%	Fr 21.09.12	Fr 21.09.12	0 t	70	73;76	PC		
25		TRD - All Training Done	0%	Do 25.10.12	Do 25.10.12	0 t	80		PC		TrD
26		EOP - End of Project	0%	Fr 16.11.12	Fr 16.11.12	0 t	13;27		PC		
27		FA - Final Acceptance (=SAT)	0%	Fr 16.11.12	Fr 16.11.12	0 t	13;20 Monate	26	PC		Fa
28		EOW - End of Warranty	0%	Fr 04.04.14	Fr 04.04.14	0 t	EA+12 Monate		NN		
29		EOM - End of Maintenance	0%	Fr 04.09.26	Fr 04.09.26	0 t	A+120 Monate		NN		
30		Engineering	0%	Do 03.05.12	Mi 14.11.12	140 t?					
31		System Design	0%	Do 03.05.12	Do 03.05.12	1 t?					
32		Design Phase	0%	Do 03.05.12	Fr 15.06.12	32 t?					

No.	Phase	Done	Begin	End	Dur.	Predecessor	Successor	Staff/Ressource	Ref.	Acr.
33	Design Draft	0%	Do 03.05.12	Mi 16.05.12	10 t?	10EA-7 t	57	SEB[50%];PM[10%]		Dsgn
34	Update of Design Documentation	0%	Mo 21.05.12	Fr 08.06.12	15 t?	57	35	SEB[50%];PM[10%]		Dsgn
35	Final Review of Design Documentation	0%	Mo 11.06.12	Fr 15.06.12	5 t?	34	16	TTCAA		DsgnR
36	Test	0%	Mo 18.06.12	Mi 14.11.12	108 t?					
37	Factory Acceptance Phase	0%	Mo 18.06.12	Fr 27.07.12	30 t?					
38	FAT Script Generation	0%	Mo 18.06.12	Fr 29.06.12	10 t	65AA-10 t	39	TOA[50%];SEB[50]		Fats
39	FAT Script Review	0%	Mo 02.07.12	Fr 06.07.12	5 t	38	40	TTCAA		FatsR
40	FAT Script Update	0%	Mo 09.07.12	Fr 13.07.12	5 t?	39	41	TOA[50%];SEB[50]		Fats
41	Internal FAT Dry-Runs	0%	Mo 16.07.12	Fr 20.07.12	5 t	40	42AA;19	SEB;PC[10%]		SysT
42	Training	0%	Mo 16.07.12	Fr 20.07.12	5 t	41AA	43	???;TOA		AdmC
43	Performance of FAT	0%	Mo 23.07.12	Fr 27.07.12	5 t	42;19	11	TOA;SEB;PC[10%]		Fat
44	Site Acceptance Phase	0%	Mo 30.07.12	Mi 14.11.12	78 t?					
45	SAT Script Generation	0%	Mo 30.07.12	Fr 10.08.12	10 t	20	46	SEB[50%];TOA[50]		Sats
46	SAT Script Review	0%	Mo 13.08.12	Fr 17.08.12	5 t	45	47	TTCAA		SatsR
47	SAT Preparation	0%	Mo 20.08.12	Fr 24.08.12	5 t?	46	22	SEB[50%];TOA[50]		atPrep
48	PSAT	0%	Mo 24.09.12	Fr 12.10.12	15 t?					

No.	Phase	Done	Begin	End	Dur.	Predecessor	Successor	Staff/Ressource	Ref.	Acr.
49	PSAT (3 days)	0%	Mo 24.09.12	Mi 26.09.12	3 t?	22	51;50	PC;SEB		Sat
50	Reliability Test (7 days)	0%	Do 27.09.12	Fr 05.10.12	7 t?	49	54;52;53;23	TTCAA		Sat
51	AMHS Interoperability Tests	0%	Mo 08.10.12	Fr 12.10.12	5 t?	49				
52	Venezuela (Maiquetia)	0%	Mo 08.10.12	Mi 10.10.12	2,5 t?	50	53;54	SEB;PC		Sat
53	USA/FAA	0%	Mi 10.10.12	Fr 12.10.12	2,5 t?	52;50	54	SEB;PC		Sat
54	ORD (30 Kalender Days)	0%	Mo 15.10.12	Mi 14.11.12	23 t	50;52;53	58	TTCAA		Stab
55	Logistics	0%	Mo 14.05.12	Fr 16.11.12	135 t?					
56	Meetings	0%	Do 17.05.12	Fr 16.11.12	132 t?					
57	Design Review Meeting/Site Survey	0%	Do 17.05.12	Fr 18.05.12	2 t?	33	34	PC;SEB		Cdr
58	FSAT	0%	Do 15.11.12	Fr 16.11.12	2 t?	54	13	PC		Sat
59	FPL2012 Interoperability	0%	Mo 14.05.12	Do 28.06.12	34 t?					
60	Prepare FPL2012 System	0%	Mo 14.05.12	Fr 08.06.12	20 t?	10	61	TOA[50%]		Int
61	Ship FPL2012 System	0%	Mo 11.06.12	Fr 22.06.12	10 t?	60	62			Ship
62	Introductory FPL2012 Hands-On Training	0%	Mo 25.06.12	Do 28.06.12	4 t?	61	17	TOA		AdmC
63	Manufacturing Phase	0%	Mo 28.05.12	Fr 06.07.12	30 t					
64	HW Procurement & Assembly	0%	Mo 28.05.12	Fr 29.06.12	25 t	16EA-15 t	65;18	HE[25%];SEB[25%]		Proc

No.		Phase	Done	Begin	End	Dur.	Predecessor	Successor	Staff/Ressource	Ref.	Acr.
65		Integration Tests	0%	Mo 02.07.12	Fr 06.07.12	5 t	64	38AA-10 t	TOA[50%];SEB[50]		Int
66		Delivery and Installation on Site	0%	Mo 30.07.12	Fr 21.09.12	40 t?					
67		Shipment Preparation	0%	Mo 30.07.12	Mi 01.08.12	3 t?	11	68 HE			
68		Shipment of Equipment	0%	Do 02.08.12	Fr 24.08.12	17 t?	67	12			Ship
69		Installation on site	0%	Mo 27.08.12	Fr 07.09.12	10 t?	12	21 HE			Inst
70		On-Site Integration	0%	Mo 10.09.12	Fr 21.09.12	10 t?	21	22;24 HE			Inst
71		Training	0%	Mo 24.09.12	Do 25.10.12	24 t?					
72		HW Maintenance Course (2x 5 Days)	0%	Mo 24.09.12	Fr 05.10.12	10 t?					
73		HW Maintenance (Course 1)	0%	Mo 24.09.12	Fr 28.09.12	5 t?	24	74 T-TR			TechC
74		HW Maintenance (Course 2)	0%	Mo 01.10.12	Fr 05.10.12	5 t?	73	76 T-TR			TechC
75		AFTN/AMHS Supervisor Course (2x 5days)	0%	Mo 08.10.12	Fr 19.10.12	10 t?					
76		AFTN/AMHS Supervisor Course (Course 1)	0%	Mo 08.10.12	Fr 12.10.12	5 t?	24;74	77 M-TR			OpsC
77		AFTN/AMHS Supervisor Course (Course 2)	0%	Mo 15.10.12	Fr 19.10.12	5 t?	76	79 M-TR			OpsC
78		User Agent Course (2x 2days)	0%	Mo 22.10.12	Do 25.10.12	4 t?					
79		User Agent Course (Course 1)	0%	Mo 22.10.12	Di 23.10.12	2 t?	77	80 C-TR			OpsC
80		User Agent Course (Course 2)	0%	Mi 24.10.12	Do 25.10.12	2 t?	79	25 C-TR			OpsC

APPENDIX B

AISS Program for the Trinidad & Tobago Civil Aviation Authority (TTCAA)

Task Name	Duration	Predecessors	Start	Finish
Contract Award	0 days		Mon 5/28/12	Mon 5/28/12
Milestones	105 days	1	Mon 5/28/12	Mon 10/22/12
AISS Program for the Trinidad & Tobago Civil Aviation Authority (TTCAA)	114 days	1	Mon 5/28/12	Thu 11/1/12
Design Phase	25 days		Mon 5/28/12	Fri 6/29/12
System Configuration Phase	55 days		Mon 5/28/12	Fri 8/10/12
Data Migration	20 days		Mon 7/2/12	Fri 7/27/12
IDS Configuration Services	10 days		Mon 7/30/12	Fri 8/10/12
OPTIONAL - 3rd Party AMHS Inter-Operability Factory Testing	25 days		Mon 6/25/12	Fri 7/27/12
System Assembly	25 days		Mon 5/28/12	Fri 6/29/12
AIM Factory Acceptance Test (Ottawa)	25 days		Mon 6/11/12	Fri 7/13/12
AIM System Training in Ottawa	15 days		Mon 6/25/12	Fri 7/13/12
Submit FAT Plan to TTCAA	5 days	48SS-4 wks	Mon 6/11/12	Fri 6/15/12
Approval of FAT Plan and Procedures by TTCAA	10 days	46	Mon 6/18/12	Fri 6/29/12
Factory Acceptance Testing - AISS (5 persons)	5 days	45	Mon 7/9/12	Fri 7/13/12
AISS Factory Acceptance Test (Italy)	10 days		Mon 7/30/12	Fri 8/10/12
AIP, Charting, FPDAM, PLX System Training in Rome	10 days		Mon 7/30/12	Fri 8/10/12
Conduct Training on AIP, Charting, PD, PLX (5 persons)	5 days		Mon 7/30/12	Fri 8/3/12
Factory Acceptance Testing - AIP, Charting, PD, PLX	5 days	51	Mon 8/6/12	Fri 8/10/12
Delivery	15 days		Mon 7/16/12	Fri 8/3/12
Installation in Trinidad & Tobago	5 days		Mon 8/6/12	Fri 8/10/12
Installation of AIM/AISS	5 days	56	Mon 8/6/12	Fri 8/10/12
Site Acceptance Testing Phase (Trinidad & Tobago)	80 days		Mon 7/2/12	Fri 10/19/12
Provisional Site Acceptance Test (PSAT)	35 days		Mon 7/2/12	Fri 8/17/12
Advanced Notice of PSAT	0 days	64SS-30 days	Mon 7/2/12	Mon 7/2/12
Submit PSAT Plan and Procedures to TTCAA	5 days	64SS-30 days	Mon 7/2/12	Fri 7/6/12
Approval of PSAT Plan and Procedures by TTCAA	0 days	62FS+15 days	Fri 7/27/12	Fri 7/27/12
Conduct Provisional Site Acceptance Testing	5 days	58	Mon 8/13/12	Fri 8/17/12
Operational Readiness Demonstration (ORD)	40 days		Mon 8/20/12	Fri 10/12/12
Conduct Reliability Acceptance Test (RAT)	7 days	64	Mon 8/20/12	Tue 8/28/12
Conduct ORD Phase (60 Calendar days)	40 days	64	Mon 8/20/12	Fri 10/12/12
Final Site Acceptance Test (FSAT)	30 days		Mon 9/10/12	Fri 10/19/12
Advanced Notice of FSAT	0 days	71SS-30 days	Mon 9/10/12	Mon 9/10/12
Conduct FSAT Testing	5 days	67	Mon 10/15/12	Fri 10/19/12
TTCAA to Sign Final Site Acceptance	0 days	70	Fri 10/19/12	Fri 10/19/12
Site Training	54 days		Mon 8/20/12	Thu 11/1/12
AMSS/AISS Warranty	5 days		Fri 10/19/12	Fri 10/26/12

REQUIREMENTS LIST AMHS/AISS USER AGENT WORK STATIONS

STATE	SHIPPING ADDRESS	Electrical Verification 110V, 60Hz American standard	Space Verified for 2 desktops, 1 laser printer and 1 dot matrix printer	APPENDIX C Wiring on Site		Equipment shipped Date		Installation/Training Tentative Date/Names of AIS/T&E staff
				Status Completed/ Not completed	Outstanding matters	Sent On	Received by State On	
Anguilla	Mr. Remington Lake Airport Manager Clayton J Lloyd International Airport Wallblake, The Valley Anguilla British West Indies Tel: 1.264.497.2384 hodgelindon@gov.ai Remington.Lake@gov.ai Helen.Tonge@gov.ai					PC S/N: Model No.: Keyboard S/N: PC S/N: Model No.: Keyboard S/N: Laser Printer S/N: Model No.: Dot Matrix S/N: Model No.: Date Sent: Tracking No.:		
Antigua	Mr. Edward Gilkes Director of Operations Antigua & Barbuda Airport Authority V.C. Bird International Airport Antigua Tel: 2685626636 Francine James fl.james@abairportauthority.com Edward Gilkes ee.gilkes@abairportauthority.com					PC S/N: Model No.: Keyboard S/N: PC S/N: Model No.: Keyboard S/N: Laser Printer S/N: Model No.: Dot Matrix S/N: Model No.: Date Sent: Tracking No.:		

STATE	SHIPPING ADDRESS	Electrical Verification 110V, 60Hz American standard	Space Verified for 2 desktops, 1 laser printer and 1 dot matrix printer	Wiring on Site		Equipment shipped Date		Installation/Training Tentative Date/Names of AIS/T&E staff
				Status Completed/ Not completed	Sent On	Sent On	Received by	
Barbados	Director of Civil Aviation Building 4 Grantley Adams Industrial Estate Grantley Adams International Airport CHRIST CHURCH BB 17089 Telephone No: 1-246-428-0930 Fax No: 1-246-428-2539 civilav@sunbeach.net					PC S/N: Model No.: Keyboard S/N: PC S/N: Model No.: Keyboard S/N: Laser Printer S/N: Model No.: Dot Matrix S/N: Model No.: Date Sent: Tracking No.:		
Dominica - Canefield	Mr. Jean Williams Airport Manager Melville Hall Airport Commonwealth of Dominica Tel: 1.767.445.7101 melvillehallairportmanager.daspa@cwdom.dm daspa@cwdom.dm gmsecretary.daspa@cwdom.dm					PC S/N: Model No.: Keyboard S/N: PC S/N: Model No.: Keyboard S/N: Laser Printer S/N: Model No.: Dot Matrix S/N: Model No.: Date Sent: Tracking No.:		

STATE	SHIPPING ADDRESS	Electrical Verification 110V, 60Hz American standard	Space Verified for 2 desktops, 1 laser printer and 1 dot matrix printer	Wiring on Site		Equipment shipped Date		Installation/Training Tentative Date/Names of AIS/T&E staff
				Status Completed/ Not completed	Sent On	Sent On	Received by	
Dominica – Melville Hall	Mr. Jean Williams Airport Manager Melville Hall Airport Commonwealth of Dominica Tel: 1.767.445.7101 melvillehallairportmanager.daspa@cwdom.dm daspa@cwdom.dm gmsecretary.daspa@cwdom.dm					PC S/N: Model No.: Keyboard S/N: PC S/N: Model No.: Keyboard S/N: Laser Printer S/N: Model No.: Dot Matrix S/N: Model No.: Date Sent: Tracking No.:		
Grenada	Ministry of Tourism and Civil Aviation C/O Grenada Airports Authority Point Saline Grenada Attention Lester Andall Tel: 1.473.444.4101 alandall@mbiagrenada.com secretary – gaa@mbiagrenada.com					PC S/N: Model No.: Keyboard S/N: PC S/N: Model No.: Keyboard S/N: Laser Printer S/N: Model No.: Dot Matrix S/N: Model No.: Date Sent: Tracking No.:		

STATE	SHIPPING ADDRESS	Electrical Verification 110V, 60Hz American standard	Space Verified for 2 desktops, 1 laser printer and 1 dot matrix printer	Wiring on Site		Equipment shipped Date		Installation/Training Tentative Date/Names of AIS/T&E staff
				Status Completed/ Not completed	Sent On	Sent On	Received by	
Montserrat	Mr. Allen Barnett Airport Manager John A. Osbourne Airport Gerald's Montserrat Tel: 1.664.491.6218 ryans@gov.ms barnetta@gov.ms					PC S/N: Model No.: Keyboard S/N: PC S/N: Model No.: Keyboard S/N: Laser Printer S/N: Model No.: Dot Matrix S/N: Model No.: Date Sent: Tracking No.:		
Nevis	Mr. Denzil Jones Airport Manager Robert L. Bradshaw Airport Bassterre St. Kitts Tel: 1.869.465.8472 djones@eccaa.aero					PC S/N: Model No.: Keyboard S/N: PC S/N: Model No.: Keyboard S/N: Laser Printer S/N: Model No.: Dot Matrix S/N: Model No.: Date Sent: Tracking No.:		

STATE	SHIPPING ADDRESS	Electrical Verification 110V, 60Hz American standard	Space Verified for 2 desktops, 1 laser printer and 1 dot matrix printer	Wiring on Site	Equipment shipped Date	Installation/Training Tentative Date/Names of AIS/T&E staff	STATE	SHIPPING ADDRESS
				Status Completed/ Not completed	Sent On	Sent On	Received by	
St. Kitts	Mr. Denzil Jones Airport Manager Robert L. Bradshaw Airport Bassterre St. Kitts Tel: 1.869.465.8472 djones@eccaa.aero					PC S/N: Model No.: Keyboard S/N: PC S/N: Model No.: Keyboard S/N: Laser Printer S/N: Model No.: Dot Matrix S/N: Model No.: Date Sent: Tracking No.:		
St Lucia - GC	Mr. Peter Jean Director of Airports Hewanorra Airport P.O. Box 373 Castries St. Lucia Tel: 1-758-456-0339/ 758-452-2893 jeanp@slaspa.com Michael Lee (C) 758-285-0360 Errol Cherubin 758-454-6355/758-454-					PC S/N: Model No.: Keyboard S/N: PC S/N: Model No.: Keyboard S/N: Laser Printer S/N: Model No.: Dot Matrix S/N: Model No.: Date Sent: Tracking No.:		

	6900							
STATE	SHIPPING ADDRESS	Electrical Verification 110V, 60Hz American standard	Space Verified for 2 desktops, 1 laser printer and 1 dot matrix printer	Wiring on Site		Equipment shipped Date		Installation/Training Tentative Date/Names of AIS/T&E staff
				Status Completed/ Not completed	Sent On	Sent On	Received by	
St Lucia -H	Mr. Peter Jean Director of Airports Hewanorra Airport P.O. Box 373 Castries St. Lucia Tel: 1.758.456.0339					PC S/N: Model No.: Keyboard S/N: PC S/N: Model No.: Keyboard S/N: Laser Printer S/N: Model No.: Dot Matrix S/N: Model No.: Date Sent: Tracking No.:		
St Vincent	Ms. Corsel Robertson Director of Airports E.T. Joshua Airport Arnos Vale St. Vincent & the Grenadines Tel: 1.784.458.4011 etjoshua@vincysurf.com					PC S/N: Model No.: Keyboard S/N: PC S/N: Model No.: Keyboard S/N: Laser Printer S/N: Model No.: Dot Matrix S/N: Model No.: Date Sent: Tracking No.:		

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				Status Completed/ Not completed	Sent On	Sent On	Received by	
Guadeloupe	Organisme de contrôle de Pointe-à-Pitre Le Raizet Attention MM BOMONT ou ESQUIROL Aérodrome de Pointe-à-Pitre - Le RAIZET – BP521-97178 Les Abymes Cedex Guadeloupe, FWI Tel: 0590482011 c/o SETCARGO Guadeloupe Aéroport Aéroport Pôle caraïbes Zone de Fret Bureau 234 97139 Les Abymes Tel +590 590 21 16 18 Fax : +590 590 21 15 99 Email: setcargo- gpea@setcargo.co maurice.esquirol@aviation-civile.gouv.fr sebastien.bomont@aviation-civile.gouv.fr jean-jacques.deschamps@aviation-civile.gouv.fr					PC S/N: Model No.: Keyboard S/N: PC S/N: Model No.: Keyboard S/N: Laser Printer S/N: Model No.: Dot Matrix S/N: Model No.: Date Sent: Tracking No.:		

STATE	SHIPPING ADDRESS	Electrical Verification 110V, 60Hz American standard	Space Verified for 2 desktops, 1 laser printer and 1 dot matrix printer	Wiring on Site		Equipment shipped Date		Installation/Training Tentative Date/Names of AIS/T&E staff
				Status Completed/ Not completed	Sent On	Sent On	Received by	
Martinique	Service Navigation Aérienne Antilles Guyane Attention MM ALIBERT ou LEZIN Aéroport de Martinique Aimé Césaire 97232 Le Lamentin Martinique, FWI Tel: 596-596-42-25-01/596-596-42-24-91 c/o SETCARGO Martinique Avion Zone de fret aéroport 92232 LE LAMENTIN Tel +596 596 51 10 10 Fax : +596 596 51 57 63 Email: acmmart@setcargo.com thierry.alibert@aviation-civile.gouv.fr thierry.lezin@aviation-civile.gouv.fr jean-jacques.deschamps@aviation-civile.gouv.fr					PC S/N: Model No.: Keyboard S/N: PC S/N: Model No.: Keyboard S/N: Laser Printer S/N: Model No.: Dot Matrix S/N: Model No.: Date Sent: Tracking No.:		