



Maintenance Management Order

SUBJECT: Preventive Maintenance Guidelines for
Running the AFCS/OCR and DBCS/OSS ID
Tag Test Deck Set

DATE: July 30, 2010

NO: MMO-053-10

TO: AFCS Offices
DBCS Offices

FILE CODE: 90A

wbro:mm10025ac

MAINTENANCE MANAGEMENT ORDER

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This Maintenance Management Order (MMO) provides Preventive Maintenance Guidelines for Running the AFCS/OCR and DBCS/OSS ID Tag Test Deck Set using Electronic Conditioned Based Maintenance (eCBM). The Test Deck Set uses NSN 7690-12-000-7148, acronym TESTDECK, and class code AA. This MMO supplements MMO-132-09, AFCS/OCR and DBCS/OSS ID Tag Test Deck Set Design Revision.

The Test Deck set evaluates the quality of ID Tag bar codes sprayed by each AFCS-OCR ID Tag printer, the quality of cancellation mark sprayed by each Ink Jet Cancellor (IJC); and partially evaluates both AFCS/OCR Gray Scale Cameras (GSC), local area network (LAN) speed, and DBCS/OSS Post NET Verify Errors. In addition, window envelopes with inserts have been added to the deck to determine if the envelope window material is being wrinkled, rendering the address unreadable by the Remote Computer Reader (RCR). Also included are cards 7 and 8, which test the ability of the AFCS to read lower-right PostNET barcodes by both lead and trail cameras. This is accomplished by making the ZIP code of the lower right PostNET barcode different from ZIP code of the address. By processing the AFCS/OCR and DBCS/OSS ID Tag Test Deck Set, and ensuring that each of the functions referred to above works properly, Maintenance provides Operations added assurance that the AFCS and DBCS are ready to process mail each day.

Many AFCS machines are maintained during hours other than Tour II (late Tour III and early Tour I). However, run the AFCS/OCR and DBCS/OSS ID Tag Test Deck Set after the Preventive Maintenance (PM) has been completed and as close as possible to the beginning of operations to get the most accurate performance results.

Sort plans identified in this document do not need to be created locally. They have been distributed to all National Directory Support System (NDSS) computers. Contact the site person responsible for NDSS to add these sort plans to the Pick List.

For more detailed information and information on result analysis refer to MMO-132-09, AFCS/OCR and DBCS/OSS ID Tag Test Deck Set Design Revision.

Times to accomplish tasks in this MMO are based on one AFCS. Refer to the chart in Attachment 1, pages 2 and 3 for the appropriate time relative to the number of AFCS systems in your specific facility.

The minimum maintenance skill level required to perform each task is included in the Minimum Skill Level column of each checklist. This does not preclude higher level employees from performing any of this work.

Preventive Maintenance (PM) guidelines provide maintenance employees with the recommended task based maintenance activities. The Electronic Conditioned Based Maintenance (eCBM) is an abbreviated task list that represents a portion of the PM checklist. The complete master PM checklist must be accessible to all maintenance employees when performing PM and eCBM task based maintenance activities.

Maintenance Managers are to use these preventive maintenance guidelines when preparing the route sheets for local maintenance personnel. It is the responsibility of each Maintenance Manager to ensure all WARNINGS, CAUTIONS, and NOTES are included with each applicable task as part of the preparation of any local route sheets.

WARNING

Various products requiring Material Safety Data Sheets (MSDS) may be utilized during the performance of the procedures in this bulletin. Ensure the current MSDS for each product used is on file and available to all employees. When reordering such a product, it is suggested that current MSDS be requested. Refer to MSDS for appropriate personal protective equipment.

WARNING

The use of compressed or blown air is prohibited. An alternative cleaning method such as a HEPA filtered vacuum cleaner, a damp rag, lint-free cloth, or brush must be used in place of compressed or blown air.

Direct any questions or comments concerning this bulletin to the HelpDesk, Maintenance Technical Support Center, P.O. Box 1600, Norman OK 73070-1600; telephone FTS 2000 (405) 573-2123 or toll free (800) 366-4123.



Robert E. Albert
Manager
Maintenance Technical Support Center
Maintenance Policies and Programs

Attachments:

1. Summary of Workload Estimate
2. Master Checklist: 03-TESTDECK-AA-001-M
3. Bin Assignment Tables
4. Sample of Good EOR Run from AFCS Machine
5. Sample of Good MHTS DBCS/OSS Run

ATTACHMENT 1

SUMMARY

WORKLOAD ESTIMATE

FOR

TEST DECK

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**SUMMARY
WORKLOAD ESTIMATE
FOR
TEST DECK**

# of AFCS	Days of Operation per Week	Routine Servicing (hrs/yr)	Non-productive Time * (Hrs/Yr)	Total Servicing Per Machine (hrs/yr)
1	5	73.67	7.37	81.04
	6	88.40	8.84	97.24
2	5	104.00	10.40	114.40
	6	124.80	12.48	137.28
3	5	134.33	13.43	147.76
	6	161.20	16.12	177.32
4	5	164.67	16.47	181.14
	6	197.60	19.76	217.36
5	5	195.00	19.50	214.50
	6	234.00	23.40	257.40
6	5	225.33	22.53	247.86
	6	270.40	27.04	297.44
7	5	255.67	25.57	281.24
	6	306.80	30.68	337.48
8	5	286.00	28.60	314.60
	6	343.20	34.32	377.52
9	5	316.33	31.63	347.96
	6	379.60	37.96	417.56
10	5	346.67	34.67	381.34
	6	416.00	41.60	457.60
11	5	377.00	37.70	414.70
	6	452.40	45.24	497.64
12	5	407.33	40.73	448.06
	6	488.80	48.88	537.68
13	5	437.67	43.77	481.44
	6	525.20	52.52	577.72
14	5	468.00	46.80	514.80
	6	561.60	56.16	617.76
15	5	498.33	49.83	548.16
	6	598.00	59.80	657.80
16	5	528.67	52.87	581.54
	6	634.40	63.44	697.84

NOTES

*Based on 10% of total servicing and repair.

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Work Chart for Multiple AFCS Sites

# of AFCS	AFCS Daily Time (Min)	OSS Daily Time (Min)	Total Time (Min)
1	7	10	17
2	14	10	24
3	21	10	31
4	28	10	38
5	35	10	45
6	42	10	52
7	49	10	59
8	56	10	66
9	63	10	73
10	70	10	80
11	77	10	87
12	84	10	94
13	91	10	101
14	98	10	108
15	105	10	115
16	112	10	122

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ATTACHMENT 2

TEST DECK MASTER CHECKLIST

03-TESTDECK-AA-001-M

Time Total: 17 Minutes

NOTE

See Attachment 1 for multiple AFCS machines.

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U.S. Postal Service		IDENTIFICATION													
Maintenance Checklist		WORK CODE		EQUIPMENT ACRONYM						CLASS CODE		NUMBER		TYPE	
		0	3	T	E	S	T	D	E	C	K	A	A	0	0
Equipment Nomenclature AFCS/OCR – DBCS/OSS		Equipment Model						Bulletin Filename MM10025AC			Occurrence ECBM				

Part or Component	Item No	Task Statement and Instruction (Comply with all current safety precautions)	Est. Time Req (min)	Min. Skill Lev	Thresholds		
					Run Hours	Pieces Fed (000)	Freq.

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SAFETY STATEMENT	1.	<p>COMPLY WITH ALL SAFETY PRECAUTIONS. Disconnect power and apply lockouts when required by this instruction. Refer to current local lockout procedures to properly shut down and lock out this machine. Open equipment and inspect dust conditions. Check for suspicious dust or unusual debris. If any unusual substance is found notify supervisor prior to proceeding with any further action on the equipment.</p> <p>THE USE OF COMPRESSED OR BLOWN AIR IS PROHIBITED.</p> <p>When cleaning is required, an alternative cleaning method such as a HEPA filtered vacuum cleaner or a damp rag must be used in place of compressed or blown air. A lint-free cloth or brush may be used on optical equipment only when other cleaning methods cannot be used. Report safety deficiencies to your supervisor immediately upon detection.</p>	1	All			
	AFCS: SETUP	2.	<p>Configure DCC and reset AFCS.</p> <div style="border: 1px solid black; padding: 5px; text-align: center; margin: 10px 0;">WARNING</div> <p>Be cautious when working around or on equipment when power has been applied.</p> <p style="text-align: center;">NOTE</p> <p>While performing the tasks in this procedure, note any malfunctions, and initiate a work order to cover any annotated area that requires additional investigation.</p> <p style="text-align: center;">NOTE</p> <p>When performing this task, local policy may require the setting of 8 be reset to the previous setting to enable running of other AFCS test decks once the eight-card AFCS test deck is run.</p> <p>1. At Data Collection Computer (DCC), click on NDSS Interface tab and change the Minimum Pieces Fed for EOR Auto Transfer field to 8.</p>	1	10		

U.S. Postal Service Maintenance Checklist	IDENTIFICATION														
	WORK CODE		EQUIPMENT ACRONYM						CLASS CODE		NUMBER		TYPE		
	0	3	T	E	S	T	D	E	C	K	A	A	0	0	1
Equipment Nomenclature AFCS/OCR – DBCS/OSS		Equipment Model					Bulletin Filename MM10025AC				Occurrence ECBM				

Part or Component	Item No	Task Statement and Instruction (Comply with all current safety precautions)	Est. Time Req (min)	Min. Skill Lev	Thresholds		
					Run Hours	Pieces Fed (000)	Freq.

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		<ol style="list-style-type: none"> 2. At AFCS Operator Control Panel (OCP), set Test Select thumbwheel switches to 70 and press and hold Reset button until display shows "***COUNTERS CLEAR**". 3. At AFCS OCP, set Test Select thumbwheel switches to 00. 					
AFCS: ACP SORTPLAN	3.	<p>Load sort plan at the ACP.</p> <p>To ensure the AFCS is connected to RCR at ACP M1 computer, USPS AFCS OCR/Video Facing System (main) screen, confirm that:</p> <ol style="list-style-type: none"> 1. In section Module Status, everything except CODIR, is listed as OK in the Status column. 2. Ensure there is NO connection between SWSTP and IPSS at this time. <p style="text-align: center;">NOTE</p> <p>Header results will be buffered on the SWSTP until such time the test deck is processed on the DBCS/OSS.</p> <ol style="list-style-type: none"> 3. At ACP M1 computer, click on MAINTENANCE. Then click on Sort Plan. The Sort Plan Selection popup window will be displayed. 4. Locate the sort plan named afcsidta.stf and double-click on it to load sort plan and proceed to step 5. If sort plan name afcsidta.stf is not displayed, perform the following sub-steps to download it: <ol style="list-style-type: none"> a. Click on Download, and Download Plan Selection popup will be displayed. Sort plan afcsidta.stf should be listed as available to download. b. Click on sort plan afcsidta.stf, and it will be highlighted in blue. c. Click on Download. The afcs_ui popup will be displayed. 	1	10			D

U.S. Postal Service		IDENTIFICATION													
Maintenance Checklist		WORK CODE		EQUIPMENT ACRONYM					CLASS CODE		NUMBER		TYPE		
		0	3	T	E	S	T	D	E	C	K	A	A	0	0
Equipment Nomenclature AFCS/OCR – DBCS/OSS		Equipment Model					Bulletin Filename MM10025AC			Occurrence ECBM					

Part or Component	Item No	Task Statement and Instruction (Comply with all current safety precautions)	Est. Time Req (min)	Min. Skill Lev	Thresholds		
					Run Hours	Pieces Fed (000)	Freq.

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		d. Click on Close to start download process and repeat step 4. 5. At the Maintenance screen, click on Close. Confirm sort plan afcsidta.stf is displayed at the upper-center of the main screen.					
AFCS: TEST CARDS	4.	<p>Do the following to run the test cards on the AFCS:</p> <div style="border: 1px solid black; padding: 5px; text-align: center; margin: 10px 0;">WARNING</div> <p>Be cautious when working around or on equipment when power has been applied. This task requires that the machine be running. Take precautions to prevent hair, clothing, jewelry, tools, and test equipment from being caught in moving parts.</p> <ol style="list-style-type: none"> 1. Get a set of AFCS/OCR and DBCS/OSS ID Tag Test Deck cards 1-8 and two window envelopes. 2. In the upper-left corner of each card, record the local AFCS machine number the deck will be run on. 3. On window envelopes, record the local AFCS machine number the deck will be run on, circle which card (5 or 6) will be inserted in envelope, and insert card 5 or 6 in appropriate envelope. 4. In preparation to feed AFCS/OCR and DBCS/OSS ID Tag Test Deck Set, orient cards as follows: <ol style="list-style-type: none"> a. Card 1 – feed lead up b. Card 2 – feed lead down c. Card 3 – feed trail up d. Card 4 – feed trail down e. Envelope containing card 5 – up lead f. Envelope containing card 6 – up trail g. Card 7 – feed lead up 	3	10			D

U.S. Postal Service		IDENTIFICATION										
Maintenance Checklist	WORK CODE	EQUIPMENT ACRONYM						CLASS CODE	NUMBER	TYPE		
	0 3	T	E	S	T	D	E	C	K	A	A	0 0 1
Equipment Nomenclature AFCS/OCR – DBCS/OSS		Equipment Model				Bulletin Filename MM10025AC			Occurrence ECBM			

Part or Component	Item No	Task Statement and Instruction (Comply with all current safety precautions)	Est. Time Req (min)	Min. Skill Lev	Thresholds		
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		<p>h. Card 8 – feed trail up</p> <p>5. At the AFCS OCP, press the Start Facer/Can button and once the machine starts, feed one at a time, eight properly oriented test deck cards and envelopes.</p> <p style="text-align: center;">NOTE</p> <p>When the cards have been sorted, cards 1, 2, 7, and envelope 5 should sort to local bin 4 and cards 3, 4, 8, and envelope 6 should sort to local bin 3. However, if cards 1, 2, 7, or envelope 5 did not receive an RCR Quick result, they will sort to outgoing bin 6, and if cards 3, 4, 8, or envelope 6 did not receive an RCR Quick result, they will sort to outgoing bin 5. Any card that did not get an ID tag sprayed on it will sort to reject bin 7, and should be reoriented and rerun. If cards continually sort to bin 7 without getting an ID tag sprayed on them, write a work order and troubleshoot either indicia detector/s or mechanical transport issues. (See chart Attachment 3, Page 1.) ATTACHMENT 3.doc</p> <p>6. Once the cards and envelopes have sorted, press the OCP STOP button, and retrieve them from the AFCS stacker bins, and ensure each one has an ID tag sprayed on it. If not, reorient and rerun.</p> <p>7. Inspect and confirm that lead and trail IJCs have sprayed a clear high quality cancellation mark on each piece.</p>					
AFCS: CONFIGURATION	5.	<p>Configure AFCS for Operations.</p> <p>1. To end run, at AFCS OCP, set the Test Select thumbwheel switches to 70 and press and hold the Reset button until display shows "***COUNTERS CLEAR***".</p> <p>2. Set the Test Select thumbwheel switches to 00.</p> <p>3. Return to the ACP M1 computer and load the sort plan that operations normally uses to process mail.</p>	1	10			D

U.S. Postal Service		IDENTIFICATION													
Maintenance Checklist		WORK CODE		EQUIPMENT ACRONYM					CLASS CODE		NUMBER		TYPE		
		0	3	T	E	S	T	D	E	C	K	A	A	0	0
Equipment Nomenclature AFCS/OCR – DBCS/OSS		Equipment Model					Bulletin Filename MM10025AC			Occurrence ECBM					

Part or Component	Item No	Task Statement and Instruction (Comply with all current safety precautions)	Est. Time Req (min)	Min. Skill Lev	Thresholds		
					Run Hours	Pieces Fed (000)	Freq.

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		<p align="center">NOTE</p> <p>The next step is written under the assumption that an office has multiple AFCS machines.</p> <p>4. After processing, orient all cards and envelopes in same direction, and combine this deck with decks from other AFCS machines.</p>					
IPSS: CONNECTION	6.	<p>Connect the IPSS to the AFCS by doing the following:</p> <p align="center">NOTE</p> <p>This will transfer Header information and images from the SWSTP.</p> <p>1. At the IPSS connect "ALL AFCS ISS to IPSS".</p> <p>2. Set Rec-Site to "SITE to SITE".</p>	4	10			D
DBCS/OSS: CONFIGURE	7.	<p>Do the following to load the sort plan and configure the DBCS/OSS for running this test deck:</p> <p align="center">WARNING</p> <p>Be cautious when working around or on equipment when power has been applied. This task requires that the machine be running. Take precautions to prevent hair, clothing, jewelry, tools, and test equipment from being caught in moving parts.</p> <p>1. Take the deck(s) to a DBCS/OSS machine for processing.</p> <p>2. Log in to OSS machine, at the maintenance level.</p> <p>3. At the Main Menu screen, click on Mode Selection.</p> <p>4. At the Mode Selection screen, click on OSS mode.</p> <p>5. At the Mail Processing screen, click on Load Run Information.</p>	1	10			D

U.S. Postal Service		IDENTIFICATION										
Maintenance Checklist	WORK CODE	EQUIPMENT ACRONYM						CLASS CODE	NUMBER	TYPE		
	0 3	T	E	S	T	D	E	C	K	A	A	0 0 1
Equipment Nomenclature AFCS/OCR – DBCS/OSS		Equipment Model				Bulletin Filename MM10025AC			Occurrence ECBM			

Part or Component	Item No	Task Statement and Instruction (Comply with all current safety precautions)	Est. Time Req (min)	Min. Skill Lev	Thresholds		
					Run Hours	Pieces Fed (000)	Freq.

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		<ol style="list-style-type: none"> 6. At the Load Run Information screen, type in operation number 750. Press the F2 key. 7. At the Mail Processing screen, click on Load Sortplan. A list containing sort plan names will be displayed. 8. Look for the sort plan named 750IDTST.EBF. If the name is on list, proceed to step 9. If the name is not on list, perform the following sub-tasks to download it: <ol style="list-style-type: none"> a. Press the F1 key three times to exit back to the Main Menu. b. Click on Sortplan Maintenance. The Sortplan Maintenance menu and the Select Operation popup will display. c. Click on Transfer, and then click on the Ethernet option in the Select Medium popup window. The Ethernet Select Direction popup will display. d. Click on Receive-NDSS. The Sortplan Transfer – Receive Sortplans list will display. e. Click on the sortplan name 750IDTST.EBF. It will highlight in blue. f. Press the Enter key to start downloading the sortplan. A yellow box will pop up with the wording, "Receiving Sortplan: 750IDTST.EBF". Then an info box will be displayed with the wording, "Operation to receive sortplan 750IDTST.EBF succeeded". g. Click on OK. h. Click on Exit. i. Press the F1 key to exit back to the Main Menu and return to step 8. 9. From the sortplan list, double-click on the sortplan name 750IDTST.EBF. 10. At the Mail Processing screen, click on Start Mail Processing. 11. At the ONLINE MAIL PROCESSING screen, 					
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	WORK CODE		EQUIPMENT ACRONYM						CLASS CODE		NUMBER		TYPE		
	0	3	T	E	S	T	D	E	C	K	A	A	0	0	1
Equipment Nomenclature AFCS/OCR – DBCS/OSS		Equipment Model					Bulletin Filename MM10025AC			Occurrence ECBM					

Part or Component	Item No	Task Statement and Instruction (Comply with all current safety precautions)	Est. Time Req (min)	Min. Skill Lev	Thresholds		
					Run Hours	Pieces Fed (000)	Freq.

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		ensure the DSU box at the top-center of screen is green. NOTE Since the main goal of sorting the AFCS decks on the OSS is to ensure the ID tags are readable, while performing next step, select On Line display, so that piece by piece machine performance can be observed. 12. Click on the Display ZIP/Pkts option in list at left side of screen, and then at the Select Display Option box, click on Online Display.					
DBCS/OSS: TEST DECK RUN	8.	Do the following to run this test deck on the DBCS/OSS: <div style="border: 1px solid black; padding: 2px; text-align: center; width: fit-content; margin: 0 auto;">WARNING</div> Be cautious when working around or on equipment when power has been applied. This task requires that the machine be running. Take precautions to prevent hair, clothing, jewelry, tools, and test equipment from being caught in moving parts. NOTE When running the cards on an OSS, the window envelopes must have an insert in them so that MHTS can identify the card, or they will fail as MHTS cannot identify an empty envelope. 1. Load the group of test decks from all AFCS machines on the OSS feeder with address facing up and right. 2. At the OSS OCP, press the Start button, and once the machine starts, feed the test deck(s). 3. At the OCP, press the Stop button. 4. At the Online Display, note that each card and envelope's ID tag was read and displayed in the Pldtag column.	5	10			D

U.S. Postal Service		IDENTIFICATION										
Maintenance Checklist	WORK CODE	EQUIPMENT ACRONYM						CLASS CODE	NUMBER	TYPE		
	0 3	T	E	S	T	D	E	C	K	A	A	0 0 1
Equipment Nomenclature AFCS/OCR – DBCS/OSS		Equipment Model				Bulletin Filename MM10025AC			Occurrence ECBM			

Part or Component	Item No	Task Statement and Instruction (Comply with all current safety precautions)	Est. Time Req (min)	Min. Skill Lev	Thresholds		
					Run Hours	Pieces Fed (000)	Freq.

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		<p>NOTE</p> <p>Test deck pieces which were read properly on AFCS machines will sort to OSS bin 13. Pieces that did not have their ID tag read by the OSS will sort to bin 2 (out of sortplan). Pieces that were not read on AFCS and have no DSU result will sort to bin 6. Pieces that receive less than an 11-digit result (5 or 9 digit) will sort to bin 14 and pieces that were misread and have an incorrect 11-digit result will sort to bin 15. Pieces that are PostNET Verify Errors (PVE) will sort to bin 10. If card 7 or 8 did not have the PostNET barcode read, they will sort to bins 16 or 17 respectively. (See chart in Attachment 3, Page 2.) ATTACHMENT 3.doc</p> <ol style="list-style-type: none"> 5. Press the F1 key twice and click on Yes in the question dialog box, to end run. 6. When the question dialog box "Do you want to print an End of Run Report?" appears, click on No. 7. Press F1 three times to exit back to the question dialog box, "Do you want to log off?" 8. Click on Yes to log off. 9. Retrieve the cards and envelopes from stacker bins. 10. Remove insert cards 5 and 6 from the window envelopes, and return them, for reuse, to the re-closable zip lock bag containing unused deck sets. 11. Give the processed deck set(s) to supervisor for disposition. 12. Write a work order to address any further analysis needed and/or corrective maintenance needed to correct any failures encountered as a result of running this test. 					
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U.S. Postal Service		IDENTIFICATION													
Maintenance Checklist		WORK CODE		EQUIPMENT ACRONYM						CLASS CODE		NUMBER		TYPE	
		0	3	T	E	S	T	D	E	C	K	A	A	0	0
Equipment Nomenclature AFCS/OCR – DBCS/OSS		Equipment Model						Bulletin Filename MM10025AC			Occurrence ECBM				

Part or Component	Item No	Task Statement and Instruction (Comply with all current safety precautions)	Est. Time Req (min)	Min. Skill Lev	Thresholds		
					Run Hours	Pieces Fed (000)	Freq.

		<p align="center">NOTE</p> <p>Sample of good EOR run is located in Attachment 4 of this document. ATTACHMENT 4.doc</p> <p align="center">NOTE</p> <p>Sample of good MHTS run is located in Attachment 5 of this document. ATTACHMENT 5.doc</p>					
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ATTACHMENT 3

AFCS BIN ASSIGNMENT TABLE

AFCS/OCR/PARS BIN ASSIGNMENT						
NORMAL SORTATION						
1	2	3	4	5	6	7
		Card 3 Card 4 Card 8 Window Envelope 6	Card 1 Card 2 Card 7 Window Envelope 5			
ABNORMAL SORTATION				No QRCR Result	No QRCR Result	
1	2	3	4	5	6	7
				Card 3 Card 4 Card 8 Window Envelope 6	Card 1 Card 2 Card 7 Window Envelope 5	Bin 7 No ID-Tag Applied

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The list below shows the text in each bin display for the DBCS/OSS test deck sort-plan.
(Additional information is at the bottom of the page.)

DBCS Display Data

<u>Bin</u>	<u>Line 1</u>	<u>Line 2</u>
1	Manual	Reject Bin
2	Manual Unassigned	Out of Sortplan *
3		
4	Manual	Doubles Detector
5	Manual	No Code Bin
6	Manual	Mixed RBCS/OSS Bin **
7	CFPS	COA Form to Scan
8	Manual	ID Tag Unreadable
9	Manual	Mixed RBCS/OSS Bin
10	Manual	Verify Error ***
11	Manual	Letter Mis-faced
12	Manual	Foreign
13	Xanadu, VA 00325	11 Digit Correct ****
14	Incomplete 00325	5 or 9 Digit Not Fin *****
15	Incorrect 00325	11 Digit wrong DP *****
16	No Postnet Read	Sort 00325120068
17	No Postnet Read	Sort 00325120135

- * - No Read of ID-Tag by OSS
- ** - No Read on AFCS and No DSU Result
- *** - Post-Net Verifier Errors
- **** - Pieces Read Properly on AFCS
- ***** - Less Than 11 Digit Result
- ***** - Misread and Incorrect 11 Digit Result

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ATTACHMENT 4

Sample of Good EOR Run from AFCS Machine

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Site	Sort Program	Times	Pieces	Statistics	Bins
File-AFCS Detailed Viewer					
Site Information back to Top					
Site	Maintenance Technical Support Center	ACP Software Version	10502		
Finance Number	00-0000	MPE Firmware Version	AFCS Ver 6.5		
Separate Reporting Facility	00	DCC Software Version	3.1.16		
Sort Program back to Top					
NDSS Sort Program		Operation No.	750000		
Machine Sort Program	AFC1_015	Machine Type	AFCS		
Sort Program Creation Date		Machine No.	1		
Run No.	1	Mode	AFCS/OCR		
DOD	None	Thumbwheel Setting	00		
Times back to Top					
Fiscal Year	2010	MODS Date	11/06/2009		
Run Start	11/06/2009 08:06:19	Run End	11/06/2009 08:08:12		
Run Time	00:00:24	Operation Time	00:01:53		
Idle Time	00:01:26	Tour	2		
Maintenance Time	00:00:03				
Piece Counts back to Top					
Pieces Input (to DD & Fine Cull)	8	Jams	0	Cat A	0
Doubles Detected	0	E Stops	0	Cat B	8
Fine Cull Non Mach	0	Multiple Indicia	0	Cat C	0
Pieces Fed	8	Indicia Rejects	0	Local	8
Pieces Cancelled	8	Stacker Full	0	Outgoing	0
Pieces Sorted	8	ID Verifier Error1	0	Timeouts	0
Bypass	0	ID Verifier Error2	0	Encoded	8
				FIM A	0
				FIM B	8
				FIM C	0
				FIM D	0
				Mech Rejects	0
				NCP Count	0
Statistics back to Top					
%Fine Cull (Non-Mach)	0%	%Sorted	100%	Fine Cull per 10K	0
Throughput per Run Hour	1200	%Local	100%	%Doubles	0%
Throughput per Operation Hour	255	%Outgoing	0%	Doubles per 10K	0
Sorted per Run Hour	1200	%Timeouts	0%	%ID Verify Errors	0%
Sorted per Operation Hour	255	%Encoded	100%		
%Machine Cancellations	100%	%5 Digit Finalized	0%		
%Bypass	0%	%9 Digit Finalized	0%		
%FIM	100%	%11 Digit Finalized	100%		
Bin Counts back to Top					
1	0	2	0	3	4
4	4	5	0	6	0
7	0				

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MAINTENANCE MANAGEMENT ORDER

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ATTACHMENT 5

SAMPLE OF GOOD MHTS DBCS/OSS RUN

Office: MTSC DBCS/OSS, 73069 Run Started: Wed 12/16 10:26 Run Ended: Wed 12/16 10:27

Sortplan - Operation / Platform - Machine, S/W Ver

750IDTST.EBF - 750 / DBOSS - 001, v3.0.0 8 Pieces Fed (8 Cards Req.) (ID Tag Reader: Reader Status OK)

AFCS/OSS TD: MTSC DBCS/OSS, 73069 750IDTST.EBF Wed 12/16 10:27 DBOSS - 001 Score: 100

LTR	SORT ZIP	BIN	ID TAG	ISS	AFCS	IMB ZIP	POSTNET ZIP	DSU_ICS ZIP	CARD	TIME	Details/SortDec
1	00325-100000	013	'0005601620195071'	0056	001	73070-160000	*00325-100000	00325-100000	1	10:27:14	Card 1 PASS: Oss11
2	00325-100501	013	'0005601620195081'	0056	001	73070-160000	*00325-100501	00325-100501	2	10:27:19	Card 2 PASS: Oss11
3	00325-100100	013	'0005601620195111'	0056	001	73070-160000	*00325-100100	00325-100100	3	10:27:24	Card 3 PASS: Oss11
4	00325-100601	013	'0005601620195121'	0056	001	73070-160000	*00325-100601	00325-100601	4	10:27:29	Card 4 PASS: Oss11
5	00325-100208	013	'0005601620195091'	0056	001	73070-160000	*00325-100208	00325-100208	5	10:27:34	Card 5 PASS: Oss11
6	00325-100709	013	'0005601620195131'	0056	001	73070-160000	*00325-100709	00325-100709	6	10:27:41	Card 6 PASS: Oss11
7	00325-120268	013	'0005601620195101'	0056	001	73070-160000	*00325-120268	00325-120268	7	10:27:48	Card 7 PASS: Oss11
8	00325-120335	013	'0005601620195141'	0056	001	73070-160000	*00325-120335	00325-120335	8	10:27:51	Card 8 PASS: Oss11
PPPPPPPP				Rollup Summary:	0056	001	PASSED: 1 2 3 4 5 6 7 8	FAILED:	MISSING:	SEEN: 8	PASS: 0056

Office: MTSC DIOSS-D, 73069 Run Started: Wed 12/16 11:30 Run Ended: Wed 12/16 11:31

Sortplan - Operation / Platform - Machine, S/W Ver

750IDTST.EBF - 750 / DIOSS - 002, v4.4.2 8 Pieces Fed (8 Cards Req.) (ID Tag Reader: Reader Status OK)

AFCS/OSS TD: MTSC DIOSS-D, 73069 750IDTST.EBF Wed 12/16 11:31 DIOSS - 002 Score: 100

LTR	SORT ZIP	BIN	ID TAG	ISS	AFCS	IMB ZIP	POSTNET ZIP	DSU_ICS ZIP	CARD	TIME	Details/SortDec
1	00325-100000	013	'0005601620195071'	0056	001	73070-160000	*00325-100000	00000-000000	1	11:31:25	Card 1 PASS:
2	00325-100501	013	'0005601620195081'	0056	001	73070-160000	*00325-100501	00000-000000	2	11:31:25	Card 2 PASS:
3	00325-100100	013	'0005601620195111'	0056	001	73070-160000	*00325-100100	00000-000000	3	11:31:25	Card 3 PASS:
4	00325-100601	013	'0005601620195121'	0056	001	73070-160000	*00325-100601	00000-000000	4	11:31:25	Card 4 PASS:
5	00325-100208	013	'0005601620195091'	0056	001	73070-160000	*00325-100208	00000-000000	5	11:31:25	Card 5 PASS:
6	00325-100709	013	'0005601620195131'	0056	001	73070-160000	*00325-100709	00000-000000	6	11:31:25	Card 6 PASS:
7	00325-120268	013	'0005601620195101'	0056	001	73070-160000	*00325-120268	00000-000000	7	11:31:25	Card 7 PASS:
8	00325-120335	013	'0005601620195141'	0056	001	73070-160000	*00325-120335	00000-000000	8	11:31:25	Card 8 PASS:
PPPPPPPP				Rollup Summary:	0056	001	PASSED: 1 2 3 4 5 6 7 8	FAILED:	MISSING:	SEEN: 8	PASS: 0056

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MAINTENANCE MANAGEMENT ORDER