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DMS TEST SUMMARY REPORT FOR THE WRAP FACILITY

JR. Weidert

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Abstract: This report documents the functional and integration testing process performed to verify functionality of the Release 1.1, Release 2.0, Release 3.0 and Release 3.1 software for the Waste Receiving and Processing Facility (WRAP) Data Management Systems (DMS) Release 2.

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Release Approval

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Date

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DMS TEST SUMMARY REPORT

SEPTEMBER 28, 1997

**BY;
BDM INTERNATIONAL**

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1.0 INTRODUCTION

1.1 Purpose

This report is to document the functional and integration testing process performed to verify functionality of the Release 1.1, Release 2.0, Release 3.0 and Release 3.1 software for the Waste Receiving and Processing Facility (WRAP) Module 1 Data Management System (DMS) Release 2.

1.2 References

All testing and functionality are referenced to the following standards and system documentation:

- WHC-CM-W026-SRS-001, DMS System Requirements Specification
- WHC-CM-W026-SDD, DMS System Design Document
- WHC-SD-W026-TP-010 Rev 1, Software Test Plan
- WHC-SD-W026-SDP-001 Rev 1, WRAP 1 DMS Software Project Management Plan
- Test Procedures/Test Cases - the original signed test cases are filed in the DMS Project Files and are available for review. It is not practical to include all of them in this report. Appendix B is the cover sheets from the Release 1.1 Functional Tests, Appendix C is the cover sheets from the Release 2.0 Functional Tests, Appendix D is the cover sheets for the Release 2.0 Integration Tests, Appendix E is the cover sheets for the Release 3.0 Functional Tests, and Appendix F is the cover sheets for the Release 3.1 Functional Tests.

1.3 Test Exceptions

As required by the Software Test Plan, WHC-SD-TP-010 Rev. 1, discrepancies were recorded in a central discrepancy data base. Resolution actions needed were noted. When the resolution actions were completed, the test set/case was conducted again. This was repeated as often as necessary until the discrepancy was corrected and the test step/case passed. The data base was then updated to indicate the discrepancy was closed. Testers noted on their procedures that a test step was passed. Once all steps in the test passed, the procedure was signed off and filed in the test file. These files are stored and maintained in the 2740 W building.

1.4 Testing Environment

Testing was conducted on the central DMS file server, accessed from remote terminals. A separate test environment was created, with a data base structure copied from the development environment.. Test

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data was created to replicate typical test data expected during WRAP facility operations. Data was also loaded directly from SWITS data base as will occur during actual operations. Message communication with the Plant Control System (PCS), and the System Integration Equipment (SIE) was exercised using PCS and SIE simulators which could receive messages, or generate messages, as appropriate to the DMS system needs at a particular point of processing. The X-Terminal displays were not tested with this phase of testing. They will be tested in the next phase with the upgrade of the database software.

2.0 TEST DESCRIPTIONS

The following text and tables describe the functional tests to verify the functionality of the WRAP Module 1 DMS Release 2. The complete functional test procedures are filed in the DMS Project Files.

2.1 DMS Release 1.1 Functional Test Description

The functional tests used to verify the functionality for WRAP Module 1 DMS, Release 1.1 are revisions of existing tests from Release 1.0 where it was necessary to test the conversion from Forms 4.0 to Forms 4.5, new tests were written.

Test Procedure	Test Title	Filename	Screens	Rev.	Exec.	Date Tested
DMS-F111	Functional test of DMS Revision 1.1 (Forms 4.5 conversion & SCRs)	dms_f.111	N/A	0	1	3/21/97
DMS-F141	Functional test of DMS Revision 1.1 Admin. Screens.	dms_f.141	400's	0	1	3/20/97
DMS-F161	Functional test of DMS Revision 1.1 Table Maintenance Screens	dms_f.161	700's	0	1	3/20/97
DMS-F12	Container Receiving Screen (DMSS0101), DMS Revision 1.1	dms-f12.rv	0101	4	1	4/02/97
DMS-F15	NDA screen (DMSS0202) Revision 1.1	dms-f15.rv5	0202	4	1	4/07/97
DMS-F14	NDE Screen (DMSS0201) Release 1.1	dms-f14.rv4	0201	1	1	5/29/97
DMS-F117	LLW Sorting Table screen (DMSS0312) Version 1.1	dms-f117.rv1	0312	0	1	4/01/97
DMS-F18	LLW Exit Glovebox Screen (DMSS0315) DMS Revision 1.1	dms-f18.rv3	0315	3	1	4/07/97
DMS-F19	Loading Dock Container Shipping screen (DMSS0602) DMS Revision 2.0	dms-f19.rv3	0602	3	1	5/16/97

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DMS-F120	Processing List Additions Screen (DMSS0901) Revision 1.1	dms-fl20.rv0	0901	0	1	3/31/97
DMS-F121	Process List screen (DMSS0902) DMS Revision 1.1	dms-fl21.rv0	0902	1	1	3/20/97
DMS-F23	AS/RS Shipping Pick List Screen (DMSS0904) DMS Revision 1.1	dms-f23.rv3	0904	3	1	4/23/97
DMS-F24	Radiological Inventory Summary Screen (DMSS1101) Release 1.1	dms-f24.rv3	1101	2	1	5/09/97
DMS-F25	Processed Waste Data Review & Mod. screen (DMSS1221) Rev. 1.1	dms-f25.rv4	1221	3	1	3/31/97

2.2 DMS Release 2.0 Functional Test Description

The tests to verify the functionality of Release 2.0 of WRAP Module 1 DMS were written in a way that exercises the integration of screens within a functional module. For example, all the Sample Management screens were tested from a single test procedure. This led to some economies in test setup, data loading, and a decrease in redundant and repetitive test steps.

Test Procedure	Test Title	Filename	Screens	Rev.	Exec.	Date Tested
DMS-F201	DMS/PCS Communications Interface and Associated DMSCOM Processing for DMSPCS, PCSDMS, and PCSSRDMS Messages for DMS Releases 1.0, 1.1, and 2.0	dms_f201.rv0	N/A	0	1	3/21/97
DMS-F204	DMS/SIE/BWAS Communication Interface and Associated DMSCOM Processing for DMSSIEDD, DMSRSIE, SIEDMS, DMSBWA, and BWADMS Messages.	dms_f204.r0	N/A	0	1	5/20/97
DMS-F211	LLW RWM Glovebox Screens, Revision 2.0	dms_f211.r0		1	1	4/24/97
DMS-F212	Sample Management Module (DMSS0501, DMSS0503, DMSS0504, DMSS0506, DMSS0508, DMSS0509, DMSS0510) DMS Revision 2.0	dms_f212.r0	0501 0503 0504 0506 0508 0509 0510	0	1	4/18/97

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Test Procedure	Test Title	Filename	Screens	Rev.	Exec.	Date Tested
DMS-F214	Container Location/Relationship Screen (DMSS1102) DMS Revision 2.0	dms_f214.r0	1102	0	1	4/16/97
DMS-F215	Data Review Module, Release 2.0	dms_f215.r0	1211 1212 1231	0	1	4/23/97
DMS-F216	Activity Comment Module	dms_f216.r0	1301	1	1	2/24/97

2.3 DMS Release 2.0 Integration Test Description

Release 2.0 of WRAP Module 1 DMS was implemented to provide the WRAP facility with the modules necessary to support LLW and LLW RWM glovebox functionality. To demonstrate its performance and readiness for a production environment, the software was tested in an integrated plant environment.

Test Procedure	Test Title	Filename	Screens	Rev.	Exec.	Date Tested
DMS-I201	DMS/PCS Communicaiton Interface and Associated DMSCOM Processing for DMSPCS, PCSDMS, AND PCSRDMS Messages for DMS Release 2.0 installed on WRAP 1 DMS.	dms_i201.r0	N/A	0	1	7/10/97
DMS-I204	DMS/SIE/BWAS Communicaitons Interface and Associated DMSCOM Processing for DMSSIEDD, DMSRSIE, SIEDMS, DMSBWA, AND BWADMS Messages. Release 2.0	dms_i204.r0	N/A	0	1	5/23/97
DMS-I11	User Log-on & Main Screen	dms_i11.r	WRAP-MAIN	0	1	5/23/97
DMS-I12	Container Receiving screen (DMSS0101) DMS Release 2.0	dms_i12.r0	0101	0	1	5/21/97
DMS-I14	NDE Screen (DMSS0201)	dms_i14.r0	0201	0	1	7/22/97
DMS-I15	NDA Screen (DMSS0202)	dms_i15.r0	0202	0	1	6/11/97
DMS-I16	LLW Drum Status at Entry (DMSS0311)	dms_i16.r0	0311	0	1	7/07/97
DMS-I17	LLW Sorting Table Screen (DMSS0312)	dms_i17.r0	0312	0	1	7/07/97

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DMS-I19	Loading Dock container Shipping Screen (DMSS0602) DMS, Release 2.0	dms_i19.r0	0602	0	1	7/17/97
Test Procedure	Test Title	Filename	Screens	Rev.	Exec.	Date Tested
DMS-I20	Processing List Additions Screen (DMSS0901) DMS, Release 2.0	dms_i20.r1	0901	1	1	5/19/97
DMS-I21	Process List Screen (DMSS0902) DMS, Release 2.0	dms_i21.r1	0902	1	1	5/21/97
DMS-I22	AS/AR Storage Pick List Screen (DMSS0903) DMS Revision 2.0	dms_i22.r0	0903	0	1	5/21/97
DMS-I23	AS/AR Shipping Picklist Screen (DMSS0904), Revision 2.0	dms_i23.r0	0904	1	1	5/21/97
DMS-I24	Radiological Inventory Summary Screen (DMSS1101) DMS Release 2.0	dms_i24.r1	1101	1	1	7/24/97
DMS-I25	Processed Waste Data review & Mod. Screen (DMSS1221) Release 2.0	dms_i25.r0	1221	0	1	7/24/97
DMS-I81	System Security DMS Release 2.0	dms_i81.r0	N/A	0	1	7/22/97
DMS-I141	Functional Test of DMS Revision 2.0 Table Maintenance Screens. Release 2.0.	dms_i141.r0	700's	0	1	5/20/97
DMS-I161	Functional test of DMS Revision 2.0 System Administration Screens	dms_i161.r0	400's	0		5/20/97
DMS-I215	Data Review Module (DMSS1211, DMSS1212, DMSS1213) Release 2.0	dms_i215.r0	1211 1212 1213	1	1	7/10/97

2.4 DMS Release 3.0 Functional Test Description

Release 3.0 of WRAP Module 1 DMS was implemented to provide the modules necessary to support the TRU and TRU RWM glove boxes and support the operational testing as specified in:

- HNF-SD-W026-OTP-013, LLW RWM Glove box Operational Test Procedure
- HNF-SD-W026-OTP-014, TRU RWM Glove box Operational Test Procedure
- HNF-SD-W026-OTP-015, LLW Glove box Operational Test Procedure
- HNF-SD-W026-OTP-017, TRU Glove box Operational Test Procedure

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Test Procedure	Test Title	Filename	Screens	Rev.	Exec.	Date Tested
DMS-F301	DMS/PC's Communication interface and associated DMSCOM processing for DMS PCS, PCSDMS, AND PCSRDMS messages for DMS Release 3.0	dms_f301.r0	N/A	0	1	7/10/97
DMS-F304	DMSCOM/SIE/BWAS Communication interface and associated DMSCOM processing for DMSSIEDD, DMSRSIE, SIEDMS, DMSBWA, and BWADMS messages.	dms_f304.r0	N/A	0	1	6/25/97
DMS-F311	TRU Glovebox module (DMSS0331, DMSS0332, DMSS0334, DMSS0335, DMSS0336) DMS Release 3.0	dms_f311.r0	0331 0332 0334 0335 0336	1	1	6/16/97
DMS-F312	TRU RWM Glovebox screens, Release 3.0	dms_f312.r0	340's	0	1	6/23/97
DMS-F212	Sample Management Module (DMSS0501, DMSS0502, DMSS0503, DMSS0504, DMSS0505, DMSS0506, DMSS0507, DMSS0508, DMSS0509, DMSS0510, DMSS0511) DMS Release 3.0	dms_f212.r1	500's	1	1	6/27/97
DMS-F313	601 Screen	dms_f313.r0	0601	0		
DMS-F314	Facility Metrics Reports (DMSR1101, DMSR1102, DMS1103) DMS Release 3.0	dms_f314.r0	1101 1102 1103	0	1	6/27/97
DMS-I18	LLW Exit Glovebox screen (DMSS0315)	dms_i18.r	0315	0	1	

2.5 DMS Release 3.0 Integration Test Description

Integration Testing of Release 3.0 WRAP Module 1 DMS was not done because of the extensive testing cycle the software under went with the HNF-SD-W026-OTP-013, LLW RWM Glove box Operational Test Procedure; the HNF-SD-W026-OTP-014, TRU RWM Glove box Operational Test Procedure; the HNF-SD-W026-OTP-015, LLW Glove box Operational Test Procedure; and the HNF-SD-W026-OTP-017, TRU Glove box Operational Test Procedure.

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2.6 DMS Release 3.1 Functional Test Description

Release 3.1 of WRAP Module 1 DMS was implemented to address all high and medium priority discrepancies and exceptions from prior functional and integration testing and from current operational testing.

Test Procedure	Test Title	Filename	Screens	Rev.	Exec.	Date Tested
DMS-F23	AS/AR Shipping Pick List screen (DMSS0904) DMS Revision 2.0	dms_f23.r1	0904	1	1	7/30/97
DMS-F215	Data Review, Release 3.1, Revision 2.0	dms_f215.r1	1200's	1	1	7/21/97
DMS-F315	Journaling, Release 3.1	dms_f315.r0	DMSS-JRNL	0	1	7/31/97
DMS-F211	LLW RWM Glovebox Screens, Revision 2.0	dms_f211.r3	320'S	3	1	7/28/97

3.0 TEST RESULTS

3.1 DMS Release 1.1 Functional Test Results

All Release 1.1 Functional Test discrepancies have be addressed and resolved.

Test Procedure	Test Title	Rev.	Exec.	Date Tested	Test Results	Discrepancies Status
DMS-F111	Functional test of DMS Revision 1.1 (Forms 4.5 conversion & SCRs) X-Term tests deferred	0	1	3/21/97	Successful Not complete	No Discrepancies
DMS-F141	Functional test of DMS Revision 1.1 Admin. Screens. X-Term tests deferred	0	1	3/21/97	Successful Not complete	No Discrepancies
DMS-F161	Functional test of DMS Revision 1.1 Table Maintenance Screens. X-Term tests deferred	0	1	3/21/97	Successful Not complete	No Discrepancies
DMS-F12	Container Receiving Screen (DMSS0101), DMS Revision 1.1	4	1	4/14/97	Successful	No Discrepancies
DMS-F14	NDE Screen (DMSS0201) Release 1.1	1	1	5/29/97	Successful	No Discrepancies

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DMS-F15	NDA screen (DMSS0202) Revision 1.1	4	1	4/14/97	Successful	No Discrepancies
DMS-F117	LLW Sorting Table screen (DMSS0312) Version 1.1	0	1	4/14/97	Successful	No Discrepancies
DMS-F18	LLW Exit Glovebox Screen (DMSS0315) DMS Revision 1.1	3	1	4/14/97	Successful	No Discrepancies
DMS-F19	Loading Dock Container Shipping screen (DMSS0602) DMS Revision 2.0	3	1	5/1/97	Successful	3 Discrepancies Resolved
DMS-F120	Processing List Additions Screen (DMSS0901) Revision 1.1	0	1	3/21/97	Successful	1 Discrepancy Resolved
DMS-F121	Process List screen (DMSS0902) DMS Revision 1.1	1	1	3/21/97	Successful	No Discrepancies
DMS-F23	AS/RS Shipping Pick List Screen (DMSS0904) DMS Revision 1.1	3	1	4/23/97	Successful	No Discrepancies
DMS-F24	Radiological Inventory Summary Screen (DMSS1101) Release 1.1	2	1	5/9/97	Successful	No Discrepancies
DMS-F25	Processed Waste Data Review & Mod. screen (DMSS1221) Rev. 1.1	3	1	4/14/97	Successful	No Discrepancies

3.2 DMS Release 2.0 Functional Test Results

All Release 2.0 Functional Test discrepancies have been addressed and resolved except discrepancy 01.216 which is scheduled for resolution in Release 3.2.

Test Procedure	Test Title	Rev.	Exec.	Date Tested	Test Results	Discrepancy Status
DMS-F201	DMS/PCS Communications Interface and Associated DMSCOM Processing for DMSPCS, PCSDMS, and PCSSRDMS Messages for DMS Releases 1.0, 1.1, and 2.0	0	1	3/21/97	Successful	No Discrepancies
DMS-F204	DMS/SIE/BWAS Communication Interface and Associated DMSCOM Processing for DMSSIEDD, DMSRSIE, SIEDMS, DMSBWA, and BWADMS Messages.	0	1	5/20/97	Successful	No Discrepancies

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DMS-F211	LLW RWM Glovebox Screens, Revision 2.0	1	1	4/28/97	Successful	8 Discrepancies Resolved
DMS-F212	Sample Management Module (DMSS0501, DMSS0503, DMSS0504, DMSS0506, DMSS0508, DMSS0509, DMSS0510) DMS Revision 2.0	1	1	4/21/97	Successful	No Discrepancies
DMS-F214	Container Location/Relationship Screen (DMSS1102) DMS Revision 2.0	0	1	4/16/97	Successful	No Discrepancies
DMS-F215	Data Review Module, Release 2.0	0	1	4/25/97	Successful	No Discrepancies
DMS-F216	Activity Comment Module	1	1	3/19/97	Successful	01.216 Open

3.3 DMS Release 2.0 Integration Test Results

All Release 2.0 Integration Test discrepancies have been addressed and resolved except discrepancies 01.204, 01.15, 03.20, 01.23, 01.141, and 01.161 which are scheduled for resolution in Release 3.2. Integration Test DMSI11 was not completed because the testing environment for the operational testing will not allow the complete implementation of the User Log-on functions.

Test Procedure	Test Title	Rev.	Exec.	Date Tested	Test Results	Discrepancy Status
DMS-I201	DMS/PCS Communication Interface and Associated DMSCOM Processing for DMSPCS, PCSDMS, AND PCSRDMS Messages for DMS Release 2.0 installed on WRAP 1 DMS.	0	1	7/10/97	Successful	1 Discrepancy Resolved
DMS-I204	DMS/SIE/BWAS Communications Interface and Associated DMSCOM Processing for DMSSIEDD, DMSRSIE, SIEDMS, DMSBWA, AND BWADMS Messages. Release 2.0	0	1	5/23/97	Successful	01.204 Open
DMS-I11	User Log-on & Main Screen			5/23/97		

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Test Procedure	Test Title	Rev.	Exec.	Date Tested	Test Results	Discrepancy Status
DMS-I12	Container Receiving screen (DMSS0101) DMS Release 2.0	0	1	5/21/97		1 Discrepancy Resolved
DMS-I14	NDE Screen (DMSS0201)	0		7/22/97	Successful	No Discrepancies
DMS-I15	NDA Screen (DMSS0202)	0	1	6/11/97	Successful	01.15 Open
DMS-I16	LLW Drum Status at Entry (DMSS0311)	0	1	7/07/97	Successful	No Discrepancies
DMS-I17	LLW Sorting Table Screen (DMSS0312)	0	1	7/07/97	Successful	No Discrepancies
DMS-I19	Loading Dock container Shipping Screen (DMSS0602) DMS, Release 2.0	0	1	7/17/97	Un-Successful	9 Discrepancies Resolved
DMS-I20	Processing List Additions Screen (DMSS0901) DMS, Release 2.0	1	1	5/19/97	Successful	03.20 Open 2 Discrepancies Resolved
DMS-I21	Process List Screen (DMSS0902) DMS, Release 2.0	1	1	5/21/97	Successful	No Discrepancies
DMS-I22	AS/AR Storage Pick List Screen (DMSS0903) DMS Revision 2.0	0	1	5/21/97	Successful	No Discrepancies
DMS-I23	AS/AR Shipping Picklist Screen (DMSS0904), Revision 2.0	1	1	5/21/97	Successful	01.23 Open 2 Resolved
DMS-I24	Radiological Inventory Summary Screen (DMSS1101) DMS Release 2.0	1	1	7/24/97	Un-Successful	1 Discrepancy Resolved
DMS-I25	Processed Waste Data review & Mod. Screen (DMSS1221) Release 2.0	0	1	7/24/97	Un-Successful	10 Discrepancies Resolved
DMS-I81	System Security DMS Release 2.0	0	1	7/22/97	Successful	No Discrepancies
DMS-I141	Functional Test of DMS Revision 2.0 Table Maintenance Screens. Release 2.0.	0	1	5/20/97	Successful	01.141 Open

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DMS-I161	Functional test of DMS Revision 2.0 System Administration Screens	0		5/20/97	Successful	01.161 Open 2 Discrepancies Resolved
DMS-I215	Data Review Module (DMSS1211, DMSS1212, DMSS123) Release 2.0	1	1	7/10/97	Successful	2 Discrepancies Resolved

3.4 DMS Release 3.0 Functional Test Results

All Release 3.0 Functional Test discrepancies have be addressed and resolved except discrepancies 01.301, and 05.314 which are scheduled for resolution in Release 3.2.

Test Procedure	Test Title	Rev.	Exec.	Date Tested	Test Results	Discrepancy Status
DMS-F301	DMS/PC's Communication interface and associated DMSCOM processing for DMS PCS, PCSDMS, AND PCSRDMS messages for DMS Release 3.0	0	1	7/10/97	Successful	01.301 Open 1 Discrepancy Resolved
DMS-F304	DMSCOM/SIE/BWAS Communication interface and associated DMSCOM processing for DMSSIEDD, DMSRSIE, SIEDMS, DMSBWA, and BWADMS messages.	0	1	6/25/97	Successful	1 Discrepancy Resolved
DMS-F311	TRU Glovebox module (DMSS0331, DMSS0332, DMSS0334, DMSS0335, DMSS0336) DMS Release 3.0	1	1	6/16/97	Successful	3 Discrepancies Resolved

**TEST SUMMARY REPORT
DMS PHASE 2 FUNCTIONAL TESTS**

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DMS-F312	TRU RWM Glovebox screens, Release 3.0	0	1	6/23/97	Successful	No Discrepancies
DMS-F212	Sample Management Module (DMSS0501, DMSS0502, DMSS0503, DMSS0504, DMSS0505, DMSS0506, DMSS0507, DMSS0508, DMSS0509, DMSS0510, DMSS0511) DMS Release 3.0	1	1	6/27/97	Successful	No Discrepancies
DMS-F313	601 Screen	0	1			
DMS-F314	Facility Metrics Reports (DMSR1101, DMSR1102, DMS1103) DMS Release 3.0	0		6/27/97	Successful	05.314 Open 4 Discrepancies Resolved
DMS-I18	LLW Exit Glovebox screen (DMSS0315)	0	1	7/8/97		1 Discrepancy Resolved

3.5 DMS Release 3.0 Integration Test Results

Integration Testing of Release 3.0 WRAP Module 1 DMS was not done because of the extensive testing cycle the software under went with the HNF-SD-W026-OTP-013, LLW RWM Glove box Operational Test Procedure; the HNF-SD-W026-OTP-014, TRU RWM Glove box Operational Test Procedure; the HNF-SD-W026-OTP-015, LLW Glove box Operational Test Procedure; and the HNF-SD-W026-OTP-017, TRU Glove box Operational Test Procedure.

3.6 DMS Release 3.1 Functional Test Results

All Release 3.1 Functional Test discrepancies have be addressed and resolved except discrepancy 01.215 which is scheduled for resolution in Release 3.2.

Test Procedure	Test Title	Rev.	Exec.	Date Tested	Test Results	Discrepancy Status
DMS-F23	AS/RS Shipping Pick List screen (DMSS0904) DMS Revision 2.0	1	1	7/30/97	Successful	No Discrepancies
DMS-F215	Data Review, Release 3.1, Revision 2.0	1	1	7/21/97		01.215 Open
DMS-F315	Journaling, DMS Release 3.1	0	1	7/31/97	Successful	No Discrepancies
DMS-F211	LLW RWM Glovebox Screens, Revision 2.0	1	1	7/28/97	Successful	4 Discrepancies Resolved

**TEST SUMMARY REPORT
DMS PHASE 2 FUNCTIONAL TESTS**

HNF-SD-W026-TRP-016, Rev.0

3.7 Unresolved Test Discrepancies

The following table describes and lists all unresolved test discrepancies. The description provided in the "Reason for deferred resolution" column was provided by the buyer in all cases.

WRAP Module 1 DMS - Unresolved Discrepancies

Release No.	Test No.	Deficiency No.	Description	Date to be Resolved	Reason for deferred resolution
2.0 Func.	dms_f216	01.216	List of Values button should be inactive.	9/30/97	Cosmetic fix not related to module function or operation.
2.0 Integ.	dms_i15	01.15	X-term font inconsistent	fy98	Cosmetic fix not related to module function or operation.
2.0 Integ.	dms_i20	03.20	PIN should be listed at the end of the table	9/30/97	Cosmetic fix not related to module function or operation.
2.0 Integ.	dms_i23	01.23	PIN should be listed at end of PROCLIST table	9/30/97	Cosmetic fix not related to module function or operation.
2.0 Integ.	dms_i141	01.141	Delete SHIP_PICK list from Menu	9/30/97	Cosmetic fix not related to module function or operation.
2.0 Integ.	dms_i161	01.161	Lookups compressed	fy98	Cosmetic fix not related to module function or operation.
2.0 Integ.	dms_i204	01.204	Display for "Cs-137" was "Cs-137--Ba-137"	9/30/97	Cosmetic fix not related to module function or operation.
3.0 Func.	dms_f301	01.301	DMSCOM should send 1001 message instead sent Oracle error message	9/30/97	Minor or no impact to operation and function of the system.
3.0 Func.	dms_f314	05.314	Implement "File" as a report destination	9/30/97	Added functionality not needed at present for operation of the system.
3.1 Func.	dms_215	01.215	Validate isotope calculations	9/30/97	Standards required to validate are not available at this time.

4.0 TESTING SUMMARY

Based on the test results, Release 3.1 (to include all revisions and tests done as a part of Release 1.1, 2.0, and 3.0) of DMS is considered ready for plant operational and cold run testing. The entire DMS system is still in a state of development and Release 3.1 will undergo additional testing plus testing as an integral part of the WRAP 1 Operational Test Procedure. These activities will lead to changes requiring later releases. The intent of the functional and integration testing was to gain assurance that the DMS software was ready to support this stage of development. The functional and integration test results indicate that this has been achieved.

APPENDIX A - FUNCTIONAL TEST LOGS

DMS Revision 1.1 Functional Test Matrix

MODULE	TEST TEAM ASSIGNMENTS	PROCEDURE READY	SCRIPTS/ DATA READY	SCREEN READY	CONDUCT TEST	RETEST	COMPUTER LEAD SIGNOFF	COMMENTS
Forms 4.5 Conversion DMS-F111	Proc:Mark Scripts:N/A Appl:Prahba/Todd	<u>Complete</u>	<u>N/A</u>	<u>2/24/97</u>	<u>2/24/97</u>	<u>3/21/97</u>	<u>N/A</u>	Complete on Vectra, waiting for Oracle 1.3 to be installed to test on X-Term
Admin. Screens DMS-F141	Proc:Mark Scripts:N/A Appl:Prahba/Todd	<u>Complete</u>	<u>N/A</u>	<u>2/24/97</u>	<u>2/24/97</u>	<u>3/20/97</u>	<u>N/A</u>	Complete on Vectra, waiting for Oracle 1.3 to be installed to test on X-Term
Table Maint. Screens DMS-F161	Proc:Mark Scripts:N/A Appl:Prahba/Todd	<u>Complete</u>	<u>N/A</u>	<u>2/24/97</u>	<u>2/24/97</u>	<u>3/20/97</u>	<u>N/A</u>	Complete on Vectra, waiting for Oracle 1.3 to be installed to test on X-Term
101 Screen DMS-F12	Proc: Wayne Scripts: Todd Appl: Todd	<u>4/2/97</u>	<u>4/2/97</u>	<u>3/28/97</u>	<u>4/2/97</u>	<u>N/A</u>	<u>4/14/97</u>	SCR 80, SCR 84, SCR 93, SCR 98A Done
201 Screen DMS-F14	Proc: Wayne Scripts: Todd Appl: Todd	<u>5/29/97</u>	<u>5/29/97</u>	<u>5/29/97</u>	<u>5/29/97</u>	<u>5/29/97</u>	<u>5/29/97</u>	SCR 81, tested during Integration Testing on development system
202 Scream DMS-F15	Proc: Wayne Scripts: Todd Appl: Todd	<u>4/2/97</u>	<u>4/2/97</u>	<u>3/21/97</u>	<u>4/7/97</u>	<u>N/A</u>	<u>4/14/97</u>	SCR 78A Done
312 Screen DMS-F117	Proc: Mark Scripts: Todd Appl: Todd	<u>3/31/97</u>	<u>3/31/97</u>	<u>3/19/97</u>	<u>3/31/97</u>	<u>4/1/97</u>	<u>4/14/97</u>	SCR 99 Done
315 Screen DMS-F18	Proc: Wayne Scripts: Todd Appl: Todd	<u>4/2/97</u>	<u>4/2/97</u>	<u>4/2/97</u>	<u>4/7/97</u>	<u>N/A</u>	<u>4/14/97</u>	SCR 78A Done

Scheduled: xx/xx/xx
Completed: xx/xx/xx

MODULE	TEST TEAM ASSIGNMENTS	PROCEDURE READY	SCRIPTS/ DATA READY	SCREEN READY	CONDUCT TEST	RETEST	COMPUTER LEAD SIGNOFF	COMMENTS
602 Screen DMS-F19	Proc: Mark Scripts: Prabha/Todd Appl: Prabha/Todd	<u>4/2/97</u>	<u>4/2/97</u>	<u>3/19/97</u>	<u>4/15/97</u>	<u>5/16/97</u>	<u>05/23/97</u>	SCR 73A, SCR 80, SCR 89A 3 discrepancies signed off and listed as Integration testing discrepancies
901 Screen DMS-F120	Proc: Mark Scripts: Todd Appl: Todd	<u>3/19/97</u>	<u>3/19/97</u>	<u>3/19/97</u>	<u>3/20/97</u>	<u>3/31/97</u>	<u>3/21/97</u>	SCR 94, SCR 98A Done
902 Screen DMS-F121	Proc: Mark Scripts: Todd Appl: Todd	<u>3/19/97</u>	<u>3/19/97</u>	<u>3/19/97</u>	<u>3/20/97</u>	<u>Not Required</u>	<u>3/21/97</u>	SCR 94, SCR 98A Done
904 Screen DMS-F23	Proc: Mark Scripts: Prabha/Todd Appl: Prabha/Todd	<u>3/19/97</u>	<u>3/19/97</u>	<u>3/19/97</u>	<u>4/1/97</u>	<u>4/23/97</u>	<u>4/23/97</u>	SCR 73A, SCR 89A, SCR 97, SCR 80 Done
1101 Screen DMS-F24	Proc: Sherry Scripts: Jim/Sherry Appl: Jim/Sherry	<u>5/7/97</u>	<u>5/7/97</u>	<u>5/7/97</u>	<u>5/7/97</u>	<u>5/9/97</u>	<u>5/9/97</u>	SCR 85 Done
1221 Screen DMS-F25	Proc: Mark Scripts: Todd Appl: Todd	<u>3/19/97</u>	<u>3/19/97</u>	<u>3/19/97</u>	<u>3/27/97</u>	<u>3/31/97</u>	<u>4/14/97</u>	SCR 16, SCR 73A, SCR 80, SCR 99 Done

DMS Revision 2.0 MODULE Functional Test Schedule Matrix

MODULE	ASSIGNMENT	PROCEDURE READY FOR REVIEW	SCRIPTS/ DATA READY	MODULE READY	PROCEDURE WALK THRU	PROCEDURE APPRV'D	CONDUCT TEST	RETEST	COMPUTER LEAD SIGNOFF	COMMENTS
DMSCOM DMS-F201	Proc: Jim/John Scripts: Jim Appl: Jim/John Rev./Witness: John	<u>2/20/97</u>	<u>2/28/97</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>3/3/97</u>	<u>3/21/97</u>	<u>3/21/97</u>	Complete

Scheduled: xx/xx/xx
Completed: xx/xx/xx

DMS SIE/BWAS DMS-F204	Proc: Jim/John Scripts: Jim Appl: Jim/John Rev./Witness: John	<u>5/5/97</u>	<u>5/5/97</u>	<u>5/5/97</u>	<u>5/5/97</u>	<u>5/5/97</u>	<u>5/12/97</u>	<u>5/20/97</u>	<u>5/20/97</u>	Complete
LLW RWM Glovebox DMS-F211	Proc: Sherry/Angie Scripts: Sherry Appl: Jaishiri Rev./Witness: John	<u>3/20/97</u>	<u>3/20/97</u>	<u>3/20/97</u>	<u>3/21/97</u>	N/A	<u>4/15/97</u>	<u>4/24/97</u>	<u>4/25/97</u>	Complete
Sample Management DMS-F212	Proc: Rich/Dave/Angie Scripts: Eric Appl: Eric Rev./Witness: Mark	<u>3/26/97</u>	<u>4/8/97</u>	<u>4/8/97</u>	<u>4/9/97</u>	<u>4/17/97</u>	<u>4/18/97</u>	N/A	<u>4/21/97</u>	Complete
Journaling DMS-F213	Proc: Jim Scripts: Jim Appl: Jim Rev./Witness: N/A	<u>7/31/97</u>	<u>7/31/97</u>	<u>7/31/97</u>	<u>7/31/97</u>	<u>7/31/97</u>	<u>7/31/97</u>	<u>7/31/97</u>	<u>7/31/97</u>	Complete
Container Loc/ Relationships DMS-F214	Proc: Rich Scripts: Jim Appl: Jim Rev./Witness: Mark	<u>2/2/97</u>	<u>3/13/97</u>	<u>3/28/97</u>	<u>3/28/97</u>	<u>3/31/97</u>	<u>4/16/97</u>	<u>4/16/97</u>	<u>4/16/97</u>	Complete
Data Review DMS-F215	Proc: Sherry/Dave Scripts: Sherry Appl: Todd Rev./Witness: Wayne	<u>3/24/97</u>	<u>3/24/97</u>	<u>3/24/97</u>	N/A	<u>4/21/97</u>	<u>4/22/97</u>	<u>4/23/97</u>	<u>4/25/97</u>	Complete
Activity Comments DMS-F216	Proc: Sherry/Dave Scripts: Sherry Appl: Eric/Abbie Rev./Witness: Wayne	<u>2/10/97</u>	<u>2/21/97</u>	N/A	<u>2/11/97</u>	N/A	<u>2/24/97</u>			Exception 01.216 pending

*To be tested if time available
Scheduled: xx/xx/xx
Completed: xx/xx/xx

DMS Revision 2.0 MODULE Integration Test Schedule Matrix

MODULE	RFS COG	BDM COG	PROCED. READY	SCRIPTS READY	CONDUCT TEST	RETEST	TEST DONE	DISCREP.	X-Term	COMMENTS
DMS/PCS dms-i201	JRW	JH	5/9/97	5/9/97	5/20/97	7/10/97	7/10/97	7/10/97	NO	Complete
DMS/SIE dms-i204	JRW	JH	5/19/97	5/19/97	5/23/97			01.204	N/A	Discrepancies to be fixed in Rel. 3.1+
User Logon & Main Screen dms-i11	WAR	ES	5/7/97	N/A	5/23/97				NOT DONE	Could not be completed due to configuration requirements to support OTP testing
101 Screen dms-i12	WAR	JH	5/15/97	N/A	5/21/97	5/21/97	5/21/97	#1-resolv.		
201 Screen dms-i14	JRW	JH	5/8/97	5/19/97	5/23/97	5/28/97	7/22/97	#1-resolv. #2-resolv.	DONE	Complete
202 Screen dms-i15	JRW	JH	5/16/97	6/11/97	6/11/97			01.15-low	NOT DONE	Discrepancies to be fixed in Rel. 3.1+
311 Screen dms-i16	JRW	DM	7/07/97	7/07/97	7/07/97		7/07/97			
312 Screen dms-i17	JRW	DM	7/07/97	7/07/97	7/07/97		7/07/97			
602 Screen dms-i19	MEP	JH	5/19/97	5/19/97	5/22/97	5/28/97	7/17/97	7/17/97	NO	Complete
901 Screen dms-i20	WAR	DM/ES	5/16/97	5/19/97	5/19/97			03.20-L	NO	Discrepancies to be fixed in Rel. 3.1+
902 Screen dms-i21	WAR		5/16/97	5/19/97	5/19/97	5/21/97	5/21/97	None	NO	Complete

*To be tested if time available
Scheduled: xx/xx/xx
Completed: xx/xx/xx

MODULE	RFS COG	BDM COG	PROCED. READY	SCRIPTS READY	CONDUCT TEST	RETEST	TEST DONE	DISCREP.	X-Term	COMMENTS
903 Screen dms-i22	MEP		5/16/97	5/21/97	5/21/97	N/A	5/21/97	None	NO	Done
904 Screen dms-i23	MEP	DM/JS/ES	5/16/97	5/21/97	5/21/97			01.23-M 02.23-M	NO	Discrepancies to be fixed in Rel. 3.1+
1101 Screen dms-i24	JRW	JH	5/9/97	5/13/97	5/21/97	7/24/97	7/24/97	7/24/97	NOT DONE	Complete
1221 Screen dms-i25	MEP	DM	5/20/97	5/20/97	5/21/97	7/24/97	7/24/97	7/24/97	N/A	Complete
*System Security dms-i81	WAR	PM	5/21/97	N/A	5/23/97	5/23/97	7/22/97	None	DONE	Complete
*Table Maint. Screens dms-i141	MEP	PM	5/20/97	N/A	5/20/97			01.141-L	N/A	Discrepancy to be fixed in Rel. 3.1+
*Admin Screens dms-i161	MEP	PM	5/20/97	N/A	5/20/97			01.161-L	NOT DONE	Discrepancy to be fixed in Rel. 3.1+
*1231 Screens dms-i215	WAR	TE	5/22/97	5/22/97	5/22/97	7/10/97	7/10/97	7/10/97-hot	N/A	Complete

DMS Release 3.0 MODULE Functional Test Schedule Matrix

MODULE	ASSIGNMENT	PROCEDURE READY FOR REVIEW	SCRIPTS/ DATA READY	MODULE READY	PROCEDURE WALK THRU	PROCEDURE APPRV'D	CONDUCT TEST	RETEST	COMPUTER LEAD SIGNOFF	COMMENTS
DMSCOM/PCS DMS-F301 Rev.0	Proc: John W Scripts: Jim Appl: Rob/Jim Rev./Witness: John W.	<u>6/2/97</u>	<u>6/18/97</u>	<u>6/9/97</u>	<u>6/18/97</u>	<u>6/18/97</u>	<u>6/20/97</u>	<u>7/10/97</u>	<u>07/17/97</u>	Complete

DMSCOM/SIE/ BWAS DMS-F304 Rev.0	Proc: John W Scripts: Jim Appl: Rob/Jim Rev./Witness: John W.	<u>6/16/97</u>	<u>6/16/97</u>	<u>6/19/97</u>	<u>6/16/97</u>	<u>6/16/97</u>	<u>6/19/97</u>	<u>6/25/97</u>	<u>07/16/97</u>	Complete
TRU Glovebox DMS-F311 Rev. 0	Proc: Dan. Scripts: Dan Appl: Dan Rev./Witness: John W.	<u>5/12/97</u>	<u>6/2/97</u>	<u>4/25/97</u>	<u>5/12/97</u>	<u>6/2/97</u>	<u>6/2/97</u>	<u>6/16/97</u>	<u>6/16/97</u>	Complete
TRU RWM Glovebox DMS-F312 Rev. 0	Proc: Dave H Scripts: Dave H. Appl: Dave H. Rev./Witness: Wayne	<u>5/12/97</u>	<u>6/2/97</u>	<u>6/2/97</u>	<u>6/18/97</u>	<u>6/19/97</u>	<u>6/19/97</u>	<u>6/23/97</u>	<u>07/09/97</u>	Complete
Sample Management DMS-F212 Rev. 1	Proc: Eric/Rich Scripts: Eric Appl: Eric Rev./Witness: Mark	<u>6/23/97</u>	<u>6/24/97</u>	<u>6/24/97</u>	<u>6/23/97</u>	<u>6/24/97</u>	<u>6/26/97</u>	<u>6/27/97</u>	<u>07/09/97</u>	Complete
601 Screen DMS-F313 Rev. 0	Proc: Rich Scripts: Prabha Appl: Prabha Rev./Witness: Mark	<u>8/6/97</u>	<u>7/14/97</u>	<u>7/11/97</u>						
1101, 1102, 1103 Report DMS-F314 Rev. 0	Proc: Tapati Scripts: Tapati Appl: Tapati Rev./Witness: John W.	<u>6/16/97</u>	<u>6/13/97</u>	<u>6/13/97</u>	<u>6/13/97</u>	<u>6/13/97</u>	<u>6/13/97</u>	<u>6/27/97</u>		Discrepancy 05.314 to be fixed in Rel. 3.1+
315 Screen dms - i18	Proc: Dan Scripts: Dan Appl: Dan Rev./Witness: John W.	<u>07/08/97</u>	<u>07/08/97</u>	<u>07/08/97</u>	<u>07/08/97</u>	<u>07/08/97</u>	<u>07/08/97</u>	<u>N/A</u>	<u>0716/97</u>	Complete

DMS Release 3.1 Functional Test Schedule Matrix

MODULE	ASSIGNMENT	PROCEDURE READY FOR REVIEW	SCRIPTS/ DATA READY	MODULE READY	PROCEDURE WALK THRU	PROCEDURE APPRV'D	CONDUCT TEST	RETEST	COMPUTER LEAD SIGNOFF	COMMENTS
904 Screen DMS-F23 Rev. 1	Proc: Mark Scripts: Eric Appl: Eric Rev./Witness: Mark	<u>7/18/97</u>	<u>7/18/97</u>	<u>7/18/97</u>	<u>7/18/97</u>	<u>7/18/97</u>	<u>7/30/97</u>	<u>N/A</u>	<u>7/30/97</u>	Complete
Data Review DMSS1201/1202 DMS-F215 Rev. 1	Proc: Todd/Sherry Scripts: Todd/Sherry Appl: Todd/Sherry Rev./Witness: Wayne	<u>7/18/97</u>	<u>7/18/97</u>	<u>7/18/97</u>	<u>7/18/97</u>	<u>7/18/97</u>	<u>7/21/97</u>	<u>N/A</u>	<u>7/30/97</u>	Complete
Journaling DMSSJRNL DMS-F315 Rev. 0	Proc: Jim Scripts: Jim Appl: Jim Rev./Witness: John	<u>7/29/97</u>	<u>7/29/97</u>	<u>7/29/97</u>	<u>7/29/97</u>	<u>7/31/97</u>	<u>7/31/97</u>	<u>7/31/97</u>	<u>7/31/97</u>	Complete
LLW RWM DMS-F211 Rev. 3	Proc: Jaishri Scripts: Jaishri Appl: Jaishri Rev./Witness: John	<u>7/28/97</u>	<u>7/28/97</u>	<u>7/28/97</u>	<u>7/28/97</u>	<u>7/28/97</u>	<u>7/28/97</u>			02.211, 03.211, & 04.211 to be fixed in Rel. 3.1+
1221 Screen DMS-F25	Proc: Todd Scripts: Todd Appl: Todd Rev./Witness: John	<u>7/18/97</u>	<u>7/18/97</u>	<u>7/18/97</u>	<u>7/18/97 24/97</u>	<u>7/18/97</u>	<u>7/24/97</u>	<u>N/A</u>	<u>7/31/97</u>	Complete

PROJECT TITLE: WRAP MODULE 1
HNF-SD-W026-TRP-016, Rev.0
STATUS: 8/26/97 137pm

Scheduled: xx/xx/xx
Completed: xx/xx/xx

APPENDIX B - FUNCTIONAL TEST COVERSHEETS, RELEASE 1.1

PROJECT TITLE: WRAP MODULE 1

PROJECT NUMBER: W-026

DMS TEST PROCEDURE COVER SHEET

Test Procedure: DMS-F111		Title: Functional test of DMS revision 1.1 (Forms 4.5 conversion & SCRs)	
Revision: 0	Execution: 1	Test Director Signature: <u>Mark Palmer</u>	Date: <u>2/24/97</u>

Computer ☒ Development ☐ Production Date/Time: Start: 2/24/97 855 End: -Test Operator: Mark Richard Arena Witness: Mark PalmerTest Exceptions Recorded? ☐ Yes ☐ NoCOMMENTS: PC PORTION SUCCESSFULLY TESTED. X-TERM PORTION
DEFERRED DUE TO SOFTWARE UNAVAILABILITY

TEST PROCEDURE COMPLETION APPROVAL:

☐ Successful☐ Unsuccessful_____
RFSH Computer Engineer_____
Date_____
RFSH Computer Lead_____
Date_____
BDM Representative_____
Date

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PROJECT TITLE: WRAP MODULE 1

PROJECT NUMBER: W-026

DMS TEST PROCEDURE COVER SHEET

Test Procedure: DMS-F141		Title: Functional test of DMS revision 1.1 Admin screens	
Revision: 0	Execution: 1	Test Director Signature: <i>Mark Palmer</i>	Date: 2/24/97

Computer ☒ Development ☐ Production Date/Time: Start: 2/24/97 - End: -Test Operator: Mark Palmer Witness: Richard Anema

Test Exceptions Recorded? ☐ Yes ☐ No
COMMENTS: Log on as user H390630, USERID 390630, Role SADMIN
SWITS - SWIDEVL DMS - WRAPDEV2
PC PORTION SUCCESSFULLY TESTED. X-TERM PORTION DEFERRED DUE TO SOFTWARE UNAVAILABILITY

TEST PROCEDURE COMPLETION APPROVAL:

☐ Successful ☐ Unsuccessful_____
RFSH Computer Engineer_____
Date_____
RFSH Computer Lead_____
Date_____
BDM Representative_____
Date

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PROJECT TITLE: WRAP MODULE 1

PROJECT NUMBER: W-026

DMS TEST PROCEDURE COVER SHEET

Test Procedure: DMS-F161		Title: Functional test of DMS revision 1.1 Table Maint. Screens	
Revision: 0	Execution: 1	Test Director Signature: <i>[Signature]</i>	Date: 2/24/97

Computer ☒ Development ☐ Production Date/Time: Start: 2/24/97 1615 End: _____
Test Operator: Mark Palmer Witness: Richard Arena

Test Exceptions Recorded? ☐ Yes ☐ No

COMMENTS: Log on as USER H390630, USERID 390630, ROLE ADMIN
SKITS - SWIDAVL Dms - wrapdev2

PL PORTION SUCCESSFULLY TESTED. X-TERM PORTION
DEFERRED DUE TO SOFTWARE UNAVAILABILITY

TEST PROCEDURE COMPLETION APPROVAL:

☐ Successful ☐ Unsuccessful

RFSH Computer Engineer _____

Date _____

RFSH Computer Lead _____

Date _____

DM Representative _____

Date _____

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PROJECT TITLE: WRAP MODULE 1

PROJECT NUMBER: W-026

DMS TEST PROCEDURE COVER SHEET

Test Procedure: DMS-F12		Title: Container Receiving screen (DMSS0101) DMS Revision 1.1	
Revision: 4	Execution: 1	Test Director Signature: <u>[Signature]</u>	Date: <u>4/2/97</u>

Computer ☒ Development ☐ Production Date/Time: Start: 4/2/97 - 2:45 End: 4/2/97 - 3:30
Test Operator: Richard Anema Witness: Wayne A. Robertson
DMS Database: DATA WRAPTEST SWITS Database: SWIDEVL MMX Directory: P:\APPS\Dms\Roll\1\TestHere

Test Exceptions Recorded? ☐ Yes ☒ No
COMMENTS: <u>SCR 96A also tested successfully see pg 15.</u>

TEST PROCEDURE COMPLETION APPROVAL:

☒ Successful ☐ Unsuccessful

<u>[Signature]</u> RFSH/Computer Engineer	<u>4/2/97</u> Date	<u>[Signature]</u> RFSH Computer Lead	<u>4-14-97</u> Date
<u>[Signature]</u> BDM Representative	<u>4/2/97</u> Date		

PROJECT TITLE: WRAP MODULE 1

PROJECT NUMBER: W-026

DMS TEST PROCEDURE COVER SHEET

Test Procedure: DMS-F14	Title: NDE screen (DMSS0201)	Release 11
Revision: 0 SM 1	Execution: 1	
Test Director Signature: <u>LRW</u>		Date: 5-29-97

Computer ☒ Development ☐ Production Date/Time: Start: 5-29-97 - 1140 End: 5-29-97 - 1300

Test Operator: SHERRY GRIFFIN Witness: LRW

Test Exceptions Recorded? ☐ Yes ☒ No

COMMENTS:

TEST PROCEDURE COMPLETION APPROVAL:

☒ Successful ☐ Unsuccessful

Test Director

LRW
5-29-97
DateSM 611
BDM Representative5-29-97
Date

RFSH Representative

RFSH Computer System Lead

Date

Date

PROJECT TITLE: WRAP MODULE 1

PROJECT NUMBER: W-026

DMS TEST PROCEDURE COVER SHEET

Test Procedure: DMS-F15		Title: NDA screen (DMSS0202) DMS Revision 1.1	
Revision: 4	Execution: 1	Test Director Signature: <u>[Signature]</u>	Date: <u>4/7/97</u>

Computer ☒ Development ☐ ProductionDate/Time: Start: 4/7/97 - 2:46End: 4/7/96 - 2:59Test Operator: Rich AnemaWitness: W.A. RobertsDMS Database: WRAPTSWITS Database: SWITDELMMX Directory: P:\apps\ms\rel-1-1\test\exeTest Exceptions Recorded? ☐ Yes ☒ No

COMMENTS:

TEST PROCEDURE COMPLETION APPROVAL:

☒ Successful☐ Unsuccessful[Signature]
RFSH Computer Engineer4/7/97
Date[Signature]
RFSH Computer Lead4-14-97
Date[Signature]
BDM Representative4/7/97
Date

PROJECT TITLE: WRAP MODULE 1

PROJECT NUMBER: W-026

DMS TEST PROCEDURE COVER SHEET

Test Procedure: DMS-F117	Title: LLW Sorting Table screen (DMSS0312)		VERSION 1.1
Revision: 0	Execution:	Test Director Signature: <i>msd</i>	Date: 4-1-97

Computer ☒ Development ☐ Production Date/Time: Start: 3-31-97-900 End: 4-1-97-1000Test Operator: RICHARD ANEMA Witness: *msd*DMS Database: WRAPTEST SWITS Database: N/A

Test Exceptions Recorded? ☐ Yes ☒ No
COMMENTS:

TEST PROCEDURE COMPLETION APPROVAL:

☒ Successful ☐ Unsuccessful*msd*
RFSH Computer Engineer4/1/97
Date*John R. Webb*
RFSH Computer Lead4-14-97
Date*Richard J. A.*
BDM Representative4/1/97
Date

PROJECT TITLE: WRAP MODULE 1

PROJECT NUMBER: W-026

DMS TEST PROCEDURE COVER SHEET

Test Procedure: DMS-F18		Title: LLW Exit Glovebox screen (DMSS0315) DMS Revision 1.1	
Revision: 3	Execution: 1	Test Director Signature: <u>[Signature]</u>	Date: <u>4/7/97</u>

Computer ☒ Development ☐ ProductionDate/Time: Start: 4/7/97 - 4:28End: 4/7/97 - 4:45Test Operator: Rich BuenaWitness: Wayne RobertsonDMS Database: WRAPTSWITS Database: SWIIEVLMMX Directory: P:\Apps\dms\Rol-L1\TestArea

Test Exceptions Recorded? ☐ Yes ☒ No
COMMENTS:

TEST PROCEDURE COMPLETION APPROVAL:

☒ Successful ☐ Unsuccessful

[Signature]
RFSH Computer Engineer

[Signature]
BDM Representative

Date 4/7/97

[Signature]
RFSH Computer Lead

Date 4-14-97

PROJECT TITLE: WRAP MODULE 1

PROJECT NUMBER: W-026

DMS TEST PROCEDURE COVER SHEET

Test Procedure: DMS-F19		Title: Loading Dock Container Shipping screen (DMSS0602) DMS revision 1.1	
Revision: 3	Execution: 1	Test Director Signature: <u>[Signature]</u>	Date: <u>5-16-97</u>

Computer ☒ Development ☐ ProductionDate/Time: Start: 5-16-97 2:30 - 2:50End: 5-16-97 4:20 - 4:30Test Operator: Rich AnemaWitness: Mark PalmerTest Exceptions Recorded? ☒ Yes ☐ NoCOMMENTS: 3 Exceptions Recorded

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TEST PROCEDURE COMPLETION APPROVAL:

☐ Successful☒ Unsuccessful[Signature]
RFSH Computer Engineer5-20-97
Date[Signature]
RFSH Computer Lead5-23-97
Date[Signature]
BDM Representative5/20/97
Date

PROJECT TITLE: WRAP MODULE 1

PROJECT NUMBER: W-026

DMS TEST PROCEDURE COVER SHEET

Test Procedure: DMS-F120		Title: Processing List Additions screen (DMSS0901) DMS Revision 1.1	
Revision: 0	Execution: 1	Test Director Signature: <u>[Signature]</u>	Date: 3/20/97

Computer ☒ Development ☐ Production Date/Time: Start: 3/20/97 - 415 End: 3/20/97 1030Test Operator: MARK PALMER Witness: RICHARD ANENADMS Database: WRAP1d
WRAPTEST SWITS Database: SWIDEVL MMX Directory: P:\APPS\Dms\REL-1-1\TEST\EXE

Test Exceptions Recorded? ☒ Yes ☐ No
COMMENTS:

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TEST PROCEDURE COMPLETION APPROVAL:

☐ Successful ☒ Unsuccessful[Signature]
RFSH Computer Engineer3/20/97
Date[Signature]
RFSH Computer Lead3-21-97
Date[Signature]
BDM Representative_____
Date

PROJECT TITLE: WRAP MODULE 1

PROJECT NUMBER: W-026

DMS TEST PROCEDURE COVER SHEET

Test Procedure: DMS-F121		Title: Process List screen (DMSS0902) DMS Revision 1.1	
Revision: 1	Execution: 1	Test Director Signature: <u>SL5 ALM</u>	Date: <u>3/2/97</u>

Computer ☒ Development ☐ Production Date/Time: Start: 3/2/97 - 1005 End: 3/2/97 - 1130Test Operator: MARK PALMER Witness: RICHARD ANEMADMS Database: WRAP12 SWITS Database: SWIGERL MMX Directory: P:\APPS\DMSS\REL1\TEST\EXE

Test Exceptions Recorded? ☐ Yes ☒ No
COMMENTS: <u>Restore point wt 970317</u>

TEST PROCEDURE COMPLETION APPROVAL:

☒ Successful☐ UnsuccessfulSL5 ALM
RFSH Computer Engineer3/20/97
DateVERW
RFSH Computer Lead3-21-97
DateRichard J. Anema
BDM Representative_____
Date

PROJECT TITLE: WRAP MODULE 1

PROJECT NUMBER: W-026

DMS TEST PROCEDURE COVER SHEET

Test Procedure: DMS-F23		Title: AS/RS Shipping Pick List screen (DMSS0904) DMS Revision 1.1	
Revision: 3	Execution: 1	Test Director Signature: <u>Eric S. Palmer</u>	Date: <u>4-23-97</u>

Computer ☒ Development ☐ Production Date/Time: Start: 4-23-97- 9:30 End: 4-23-97 10:30Test Operator: Rich Anema Witness: Mark PalmerDMS Database: WrapTest SWITS Database: N/A MMX Directory: Sec p. 7

Test Exceptions Recorded? ☐ Yes ☒ No
COMMENTS:

TEST PROCEDURE COMPLETION APPROVAL:

☒ Successful☐ UnsuccessfulEric S. Palmer
RFSH Computer Engineer4/23/97
DateMark Palmer
RFSH Computer Lead Date 4-23-97Rich J. Anema
BDM Representative4/23/97
Date

PROJECT TITLE: WRAP MODULE 1

PROJECT NUMBER: W-026

DMS TEST PROCEDURE COVER SHEET

Test Procedure: DMS-F24		Title: Radiological Inventory Summary screen (DMSS101) <i>Release 1.1</i>	
Revision: 2	Execution: 1	Test Director Signature: <i>Le R Ward</i>	Date: 5-9-97

Computer ☐ Development ☒ Production

Date/Time: Start: 5-9-97 - 1300

End: 5-9-97 - 1320

Test Operator: *Phil J A*Witness: *Le R Ward*

5-9-97

Test Exceptions Recorded? ☒ Yes ☐ No

COMMENTS:

TEST PROCEDURE COMPLETION APPROVAL:

☒ Successful☐ Unsuccessful

Test Director

Date

BDM Federal Representative

Date

WRAP Computer Lead

Date

WRAP Engineering Representative

Date

PROJECT TITLE: WRAP MODULE 1

PROJECT NUMBER: W-026

DMS TEST PROCEDURE COVER SHEET

Test Procedure: DMS-F25		Title: Processed Waste Data Review & Mod. screen (DMSS1221) <u>Rev 1.1</u>	
Revision: 3	Execution: <u>1</u>	Test Director Signature: <u>[Signature]</u>	Date: <u>3-27-97</u>

Computer ☒ Development ☐ Production Date/Time: Start: 3-27-97 - 725 End: 3-27-97 - 245Test Operator: RICHARD ANEMA Witness: MARK PALMERDMS Database: WRAPTEST SWITS Database: SWIDEVL MMX Directory: SEC op 7

Test Exceptions Recorded? ☒ Yes ☐ No
COMMENTS: <u>RED MARKUPS INDICATE PROCEDURAL ERRORS TO BE CORRECTED</u> <u>IN REVISION 4. FAILURES INDICATED BY CHECK IN 'FAIL' COLUMN</u>
<u>Test was originally unsuccessful. Steps that failed were retested & documented</u> <u>on discrepancy reports. All discrepancies were retested & passed.</u>

TEST PROCEDURE COMPLETION APPROVAL:

☒ Successful☒ Unsuccessful WRAP 4/14/97[Signature]
RFSG Computer Engineer3-31-97
Date[Signature]
RFSH Computer Lead4-14-97
Date[Signature]
BDM Representative3-31-97
Date

PROJECT TITLE: WRAP MODULE 1
HNF-SD-W026-TRP-016, Rev.0
STATUS: 8/26/97 1:37pm

Scheduled: xx/xx/xx
Completed: xx/xx/xx

APPENDIX C - FUNCTIONAL TEST COVER SHEETS, RELEASE 2.0

PROJECT TITLE: WRAP MODULE 1

PROJECT NUMBER: W-026

DMS TEST PROCEDURE COVER SHEET

TEST PROCEDURE APPROVED FOR USE:			
Test Procedure: DMS-F201		Title: DMS/PCS Communication Interface and Associated DMSCOM Processing for DMSPCS, PCSDMS, and PCSRDMS Messages for DMS Releases 1.0, 1.1 and 2.0.	
Revision: 0	Execution: 1	Test Director Signature: <u>[Signature]</u>	Date: <u>3-21-97</u>

Computer ☒ Development ☐ Production Date/Time: Start: 3-4-97 1330 End: 3-21-97 1250
Test Operator: James B. Holt Witness: [Signature] 3-2-97

Test Exceptions Recorded? ☐ Yes ☒ No
COMMENTS:

TEST PROCEDURE COMPLETION APPROVAL:

☒ Successful ☐ Unsuccessful		
<u>[Signature]</u> Test Director	<u>3-21-97</u> Date	<u>[Signature]</u> RFSH Engineering Representative
<u>James B. Holt</u> BIM Representative	<u>3-2-97</u> Date	<u>3-21-97</u> Date

PROJECT TITLE: WRAP MODULE 1

PROJECT NUMBER: W-026

DMS TEST PROCEDURE COVER SHEET

TEST PROCEDURE APPROVED FOR USE:

Test Procedure: DMS-F204		Title: DMS/SIE/BWAS Communication Interface and Associated DMSCOM Processing for DMSSIE DD, DMSRSIE, SIEDMS, DMSBWA, and BWADMS Messages.	
Revision: 0	Execution: 1	Test Director Signature: <u>Le R W</u>	Date: <u>5-20-97</u>

Computer ☒ Development ☐ Production Date/Time: Start: 5-19-97 1800End: 5-20-97 0930

Test Operator: _____

Witness: Le R WTest Exceptions Recorded? ☒ Yes ☐ No

COMMENTS: D2 # 1 - F204 noted that the WILL POPUP MESSAGE WAS NOT DISPLAYED
ON THE X-TERMINAL. THIS WILL BE VERIFIED TO WORK PROPERLY DURING
IN PLANT TESTING

TEST PROCEDURE COMPLETION APPROVAL:

☒ Successful ☐ Unsuccessful

Test Director

Date

RFSH Representative

Date

BDM Representative

Date

RFSH Computer Engineering Lead

Date

PROJECT TITLE: WRAP MODULE 1

PROJECT NUMBER: W-026

DMS TEST PROCEDURE COVER SHEET

TEST PROCEDURE APPROVED FOR USE:			
Test Procedure: DMS-F211		Title: LLW RWM Glovebox screens, Revision 2.0	
Revision: 1	Execution: 1	Test Director Signature: <u>LRW</u>	Date: <u>8-1-97</u>

Computer ☒ Development ☐ Production Date/Time: Start: 7-28-97 0800 End: 7-31-97 1600Test Operator: BSidhuwaneyWitness: LRW

Test Exceptions Recorded? ☒ Yes ☐ No
COMMENTS: For revision 1 TEST Focus was on STAN ALONE mode vs Release to know options will be marked RESEA if screen displayed using stand-alone mode In some instances SQL commands not listed in the test were used to update data

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TEST PROCEDURE COMPLETION APPROVAL:

☒ Successful☐ Unsuccessful

Test Director

Date

BDM Federal Representative

Date

WRAP Computer Lead

Date

WRAP Engineering Representative

Date

PROJECT TITLE: WRAP MODULE 1

PROJECT NUMBER: W-026

DMS TEST PROCEDURE COVER SHEET

TEST PROCEDURE APPROVED FOR USE:		
Test Procedure: DMS-F212		Title: Sample Management Module (DMSS0501, DMSS0502, DMSS0503, DMSS0504, DMSS0505, DMSS0506, DMSS0507, DMSS0508, DMSS0509, DMSS0510, DMSS0511), DMS Release 3.0
Revision: 1	Execution: 1	Test Director Signature: <u>ms R Lm</u> Date: <u>6/26/97</u>

Computer ☐ Development ☒ ProductionDate/Time: Start: 6/24/97 - 1400End: 6/27/97 - 1600Test Operator: RICH ANEMAWitness: MARK PRIMERTest Exceptions Recorded? ☐ Yes ☒ No

COMMENTS: Only Test Cases F212-R08, F212-R09, F212-R10, and F212-R11 to test DMSS0502, DMSS0505, DMSS0507, and DMSS0511 respectively are to

be conducted for this execution of this functional test procedure.

ALL STAGE SCREENING TESTS FOR AS PART OF RELEASE 2.0 SOFTWARE

TEST PROCEDURE COMPLETION APPROVAL:

☒ Successful☐ UnsuccessfulTest Director ms R Lm Date 6/26/97BDM Federal Representative ms R Lm Date 6/26/97WRAP Computer Lead WRW Date 7-12-97WRAP Engineering Representative ms R Lm Date 7/2/97

PROJECT TITLE: WRAP MODULE 1

PROJECT NUMBER: W-026

DMS TEST PROCEDURE COVER SHEET

TEST PROCEDURE APPROVED FOR USE:

Test Procedure: DMS-F214

Title: Container Location and Relationships screen (DMSS1102) DMS Revision 2.0

Revision: 0

Execution: 1

Test Director Signature: Joe S. Palmer

Date:

4-16-97Computer ☒ Development ☐ ProductionDate/Time: Start: 4/14/97 ¹³³⁰ End: 4/14/97Test Operator: RICH A. BENTWitness: MARK PALMER

Test Exceptions Recorded?

☐ Yes☒ No

COMMENTS:

TEST PROCEDURE COMPLETION APPROVAL:

☒ Successful☐ UnsuccessfulJoe S. Palmer
Test Director4-16-97
DateJoe S. Palmer
WRAP Computer Lead4-16-97
DateJoe S. Palmer
BDM Federal Representative4/16/97
DateJoe S. Palmer
WRAP Engineering Representative4-16-97
Date

PROJECT TITLE: WRAP MODULE 1

PROJECT NUMBER: W-026

DMS TEST PROCEDURE COVER SHEET

TEST PROCEDURE APPROVED FOR USE:

Test Procedure: DMS-F216		Title: Activity Comment Module	
Revision: 1	Execution: 1	Test Director Signature: <u>L. A. R. H. T.</u>	Date: <u>3/4/97</u>

Computer ☒ Development ☐ Production Date/Time: Start: 3/4 - 1:00pm End: _____

Test Operator: L. A. R. H. T. Witness: Thelma J. Aue

Test Exceptions Recorded?	☐ Yes ☒ No
COMMENTS: <u>SWITDEV</u>	
<u>DMS Database is WRAPDEV2</u>	
<u>All tests in this document are traceable to requirements as set forth</u>	
<u>in DMS PSDD, App E, Section 3.1.13. User Procedure #1</u>	

TEST PROCEDURE COMPLETION APPROVAL:

☒ Successful ☐ Unsuccessful

L. A. R. H. T. 3/4/97
Test Director Date

Thelma J. Aue 3/4/97
Developer Representative Date

L. R. W. 3-19-97
WRAP Projects Representative Date

L. A. R. H. T. 3/4/97
WRAP NFS Representative Date

PROJECT TITLE: WRAP MODULE 1
HNH-SD-W026-TRP-016, Rev.0
STATUS: 8/26/97 1:37pm

APPENDIX D - INTEGRATION TEST COVER SHEETS, RELEASE 2.0

Scheduled: xx/xx/xx
Completed: xx/xx/xx

PROJECT TITLE: WRAP MODULE 1

PROJECT NUMBER: W-026

DMS TEST PROCEDURE COVER SHEET

TEST PROCEDURE APPROVED FOR USE:			
Test Procedure: DMS-I201		Title: DMS/PCS Communication Interface and Associated DMSCOM Processing for DMSPCS, PCSDMS, and PCSRDMS Messages for DMS Release 2.0 installed on WRAP 1 DMS.	
Revision: 0	Execution: 1	Test Director Signature: <u>[Signature]</u>	Date: <u>7-22-97</u>

Computer ☒ Development ☐ Production Date/Time: Start: 5-26-97 1900End: 5-26-97 2030Test Operator: JIM HOLTWitness: [Signature] 7-22-97

Test Exceptions Recorded?	☒ Yes	☐ No
COMMENTS: <u>ONE EXCEPTION (#1) IS CLOSED, THE OTHER IS A MINOR DEFECT THAT WOULD PREVENT PLANT OPERATIONS</u>		

TEST PROCEDURE COMPLETION APPROVAL:

☒ Successful ☐ Unsuccessful

Test Director

[Signature]
Date 7-22-97

RFSH Engineering Representative

[Signature]
Date 7-22-97

BDM Representative

[Signature]
Date 7-22-97

RFSH Computer Engineering Lead

[Signature]
Date 7-22-97

DMS TEST PROCEDURE COVER SHEET

TEST PROCEDURE APPROVED FOR USE:

Test Procedure: DMS-I204		Title: DMS/SIE/BWAS Communication Interface and Associated DMSCOM Processing for DMSSIE DD, DMSRSIE, SIEDMS, DMSBWA, and BWADMS Messages. Release 2.0	
Revision: 0	Execution: 1	Test Director Signature: <u>J R Wood</u>	Date: <u>5-26-97</u>

Computer ☒ Development ☐ Production Date/Time: Start: 5-26-97 1630 End: 5-26-97 1540
 Test Operator: James B. Holt Witness: J R Wood 5-26-97

Test Exceptions Recorded? ☒ Yes ☐ No

COMMENTS: TWO MINOR EXCEPTIONS RECORDED. ONE FOR CS-187 NAME VARYING FROM ONE
TAB 12 TO THE NEXT & ONE STR FOR POPUP FAILURE
See DMS-I201 FILE FOR DISK COPY OF SOFTWARE

TEST PROCEDURE COMPLETION APPROVAL:

☒ Successful ☐ Unsuccessful

J R Wood 5-26-97
 Test Director Date

James B. Holt 5-26-97
 BDM Representative Date

J R Wood 5-26-97
 RFSH Representative Date

J R Wood 5-22-97
 RFSH Computer Engineering Lead Date

PROJECT TITLE: WRAP MODULE 1

PROJECT NUMBER: W-026

DMS TEST PROCEDURE COVER SHEET

Test Procedure: DMS-I12		Title: Container Receiving screen (DMSS0101) DMS Release 2.0	
Revision: 0	Execution: 1	Test Director Signature: <u>[Signature]</u>	Date: <u>5/21</u>

Computer ☐ Development ☒ ProductionDate/Time: Start: 5/21 - 3:00End: 5/21 - 5:10Test Operator: Eric StephanWitness: W.A. RobertsDMS Database: WRAPTESTSWITS Database: SWIWRAPMMX Directory: Volms/ptermisTest Exceptions Recorded? ☒ Yes ☐ No

COMMENTS: <u>step 2-3</u>
<u>Labels Button prints AC-58 locally</u>
<u>DMSR0102-LPS file has AC-58</u>
<u>dated 5-16-97.</u>

TEST PROCEDURE COMPLETION APPROVAL:

☒ Successful☒ Unsuccessful[Signature]
WMX Computer Engineer5/21/97
Date[Signature]
WMX Computer Lead5-22-97
Date[Signature]
BDM Representative5/23/97
Date

DMS TEST PROCEDURE COVER SHEET

Test Procedure: DMS-II4		Title: NDE screen (DMSS0201)	
Revision: 0	Execution:	Test Director Signature: <u>JO R W</u>	Date: <u>7-22-97</u> <u>20</u>

Computer ☐ Development ☒ Production Date/Time: Start: 5-23-97 - 1430 End: 7-22-97 -Test Operator: JO E Witness: JO R W

Test Exceptions Recorded? ☒ Yes ☐ No
COMMENTS:
<u>Test exceptions resolved (HSP to sign after vacation)</u>

TEST PROCEDURE COMPLETION APPROVAL:

☒ Successful ☐ Unsuccessful

JO R W 7-22-97
Test Director Date

JO E 7/22/97
BDM Representative Date

JO R W 7-22-97
RFSH Representative Date

JO R W 7-28-97
RFSH Computer System Lead Date

DMS TEST PROCEDURE COVER SHEET

Test Procedure: DMS-115		Title: NDA screen (DMSS0202)	
Revision: 0	Execution: 1	Test Director Signature: <u>John R. Wierd</u>	Date: 6-12-97

Computer ☒ Development ☐ Production

Date/Time: Start: 6-11-97 - 1530

End: 6-12-97 - 1800

Test Operator: T.O. ElshogrenWitness: John R. WierdTest Exceptions Recorded? ☒ Yes ☐ No

COMMENTS: Release 1.0 Test Exceptions: DMS-FIS Rev 0 DR 2 DMS-P22 Rev 0 DR 2
 1 DR 9 P25 Rev 0 DR 1
 2 DR 1 & 3
 were all verified to be cleared out except for FIS, Rev 2, DR #1
 which can be accepted-as-is.
 One DR written on font sizes.

TEST PROCEDURE COMPLETION APPROVAL:

☒ Successful ☐ UnsuccessfulJohn R. Wierd

Test Director

6-12-97
DateT.O. Elshogren

BDM Representative

6-12-97
DateJohn R. Wierd

RFSH Representative

7-22-97
DateJohn R. Wierd

RFSH Computer System Lead

7-22-97
Date

PROJECT TITLE: WRAP MODULE 1

PROJECT NUMBER: W-026

DMS TEST PROCEDURE COVER SHEET

Test Procedure: DMS-I16		Title: LLW Drum Status at Entry (DMSS0311)	
Revision: 0	Execution: 1	Test Director Signature: <u>[Signature]</u>	Date: <u>7/7/97</u>

Computer ☐ Development ☐ Production Date/Time: Start: 7/7/97 - 1030 End: 7/7/97 - 1030Test Operator: DAN MCCANN Witness: MARK PALMERDMS Database: WRAPDEV2

Test Exceptions Recorded? ☐ Yes ☒ No
COMMENTS:

TEST PROCEDURE COMPLETION APPROVAL:

☒ Successful☐ Unsuccessful[Signature] 7/7/97
RFSH Computer Engineer Date[Signature] 7-16-97
RFSH Computer Lead Date[Signature] 7/7/97
BDM Representative Date

-MSZ

PROJECT TITLE: WRAP MODULE 1

PROJECT NUMBER: W-026

DMS TEST PROCEDURE COVER SHEET

Test Procedure: DMS-I17	Title: LLW Sorting Table screen (DMSS0312)		
Revision: 0	Execution: 1	Test Director Signature: <u>[Signature]</u>	Date: <u>7/7/97</u>

Computer ☐ Development ☒ Production Date/Time: Start: 7/7/97 - 1130 End: 7/7/97 - 1300Test Operator: DAN MCCANN Witness: MARA PALMERTest Exceptions Recorded? ☐ Yes ☒ No

COMMENTS:

TEST PROCEDURE COMPLETION APPROVAL:

☒ Successful☐ Unsuccessful[Signature] 7/7/97
RFSH Computer Engineer Date7/7/97[Signature]
RFSH Computer Lead7-16-97
Date[Signature]
BDM Representative7/7/97
Date

PROJECT TITLE: WRAP MODULE 1

PROJECT NUMBER: W-026

DMS TEST PROCEDURE COVER SHEET

Release

Test Procedure: DMS-F19		Title: Loading Dock Container Shipping screen (DMSS0602) DMS revision 2.0	
Revision: 0	Execution: 1	Test Director Signature: <u>Mike S. P. K.</u>	Date: <u>6-17-97</u>

Computer ☐ Development ☒ Production Date/Time: Start: 6/17/97 - 1430 End: 6/17/97 - 1600
Test Operator: RICHARD ANEMA Witness: Mike S. P. K.

Test Exceptions Recorded? ☒ Yes ☐ No
COMMENTS:

TEST PROCEDURE COMPLETION APPROVAL:

☐ Successful☒ Unsuccessful

Mike S. P. K.
RFSH Computer Engineer

6/17/97
Date

LOEW
RFSH Computer Lead

7-16-97
Date

Michael A.
BDM Representative

6/23/97
Date

PROJECT TITLE: WRAP MODULE 1

PROJECT NUMBER: W-026

DMS TEST PROCEDURE COVER SHEET

Test Procedure: DMS-I20		Title: Processing List Additions screen (DMSS0901) DMS Release 2.0	
Revision: 1	Execution: 1	Test Director Signature: <u>[Signature]</u>	Date: <u>5/20/97</u>

Computer ☐ Development ☒ Production Date/Time: Start: 5/20 - 1:45 End: 5/20 - 2:25Test Operator: Rich Arama Witness: Wayne A. RobertsonDMS Database: WRAPTEST SWITS Database: N/A MMX Directory: \\dms\pformsTest Exceptions Recorded? ☒ Yes ☐ No

COMMENTS:

One exception remaining. Not a show stopper - Step 11
See #3 from Rev. 0 Ex1.

TEST PROCEDURE COMPLETION APPROVAL:

☒ Successful☐ Unsuccessful[Signature]
RFSH Computer Engineer5/20/97
Date[Signature]
RFSH Computer Lead

Date

5-23-97[Signature]
BDM Representative5/20/97
Date

PROJECT TITLE: WRAP MODULE 1

PROJECT NUMBER: W-026

DMS TEST PROCEDURE COVER SHEET.

Test Procedure: DMS-I21		Title: Process List screen (DMSS0902) DMS Release 2.0	
Revision: 1	Execution: 1	Test Director Signature: <u>[Signature]</u>	Date: <u>5/24/97</u>

Computer ☐ Development ☒ Production Date/Time: Start: 5/20 - 1:44 PM End: 5/20/97 9:00 AM
Test Operator: Rich Anema Witness: WA Robertson
DMS Database: WRAPTEST SWITS Database: SWJWRAP MMX Directory: Volms/pctmms

Test Exceptions Recorded? ☐ Yes ☒ No
COMMENTS: <u>LOV popups too compressed!</u>

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TEST PROCEDURE COMPLETION APPROVAL:

☒ Successful ☐ Unsuccessful

[Signature] 5/21/97 [Signature] 5-22-97
RFSH Computer Engineer Date RFSH Computer Lead Date

[Signature] 5/23/97
BDM Representative Date

PROJECT TITLE: WRAP MODULE 1

PROJECT NUMBER: W-026

DMS TEST PROCEDURE COVER SHEET

Test Procedure: DMS-I22		Title: AS/RS Storage Pick List screen (DMSS0903) DMS Revision 2.0	
Revision: 0	Execution: 1	Test Director Signature: <u>[Signature]</u>	Date: <u>5/21/97</u>

Computer ☐ Development ☒ ProductionDate/Time: Start: 5/21 - 9:15End: 3/21 - 10:00Test Operator: Rich AnemaWitness: W A RobertsonDMS Database: WRAPTEST

Test Exceptions Recorded? ☐ Yes ☒ No
COMMENTS:

TEST PROCEDURE COMPLETION APPROVAL:

☒ Successful ☐ Unsuccessful

[Signature]
RFSH Computer Engineer

5/21/97
Date

[Signature]
RFSH Computer Lead

7-22-97
Date

[Signature]
BDM Representative

5/23/97
Date

PROJECT TITLE: WRAP MODULE 1

DMS TEST PROCEDURE COVER SHEET

PROJECT NUMBER: W-026

Test Procedure: DMS-I23	Title: AS/RS Shipping Pick List screen (DMSS0904) DMS Revision 2.0		
Revision: 1	Execution:	Test Director Signature: <u>Mark Palmer</u>	Date: <u>7/29/97</u>

Computer ☒ Development ☐ ProductionDate/Time: Start: 7/29/97 - 845End: 7/29/97 - 1420Test Operator: ERIC STEPHANWitness: MARK PALMERDMS Database: WRAPDEV2

Test Exceptions Recorded? ☐ Yes ☒ No
COMMENTS:

TEST PROCEDURE COMPLETION APPROVAL:

☒ Successful☐ UnsuccessfulMark Palmer
RFSH Computer Engineer7/31/97
DateMark Palmer
RFSH Computer LeadDate: 7-31-97[Signature]
BDM Representative7/31/97
Date

PROJECT TITLE: WRAP MODULE 1

PROJECT NUMBER: W-026

DMS TEST PROCEDURE COVER SHEET

Test Procedure: DMS-I24		Title: Radiological Inventory Summary screen (DMSS1101) DMS Release 2.0	
Revision: 1	Execution: 1	Test Director Signature: <u>[Signature]</u>	Date: <u>5/21/97</u>

Computer ☐ Development ☒ Production Date/Time: Start: 5/21/97 - 2:45 End: 5/21 - 3:00

Test Operator: Eric Stephen Witness: W.A. Robertson

DMS Database: WRAPTEST SWITS Database: N/A MMX Directory: \\dms\pctorms

Test Exceptions Recorded? ☒ Yes ☐ No
COMMENTS: <u>FCL and FML messages are sent on [commit] even if nothing was changed.</u>
<u>* Not Yet run on X-TERM - case 2</u>

TEST PROCEDURE COMPLETION APPROVAL:

☐ Successful	☒ Unsuccessful
<u>[Signature]</u> RFSH/Computer Engineer	<u>[Signature]</u> RFSH Computer Lead
<u>[Signature]</u> BDM Representative	
<u>5/24/97</u> Date	<u>7-22-97</u> Date

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PROJECT TITLE: WRAP MODULE 1

PROJECT NUMBER: W-026

DMS TEST PROCEDURE COVER SHEET

Test Procedure: DMS-125		Title: Processed Waste Data Review & Mod. screen (DMSS1221) <i>Release 2.0</i>	
Revision: 0	Execution: <i>1</i>	Test Director Signature: <i>Eric Stephan</i>	Date: <i>5-21-91</i>

Computer ☐ Development ☒ ProductionDate/Time: Start: *5-21-91 - 1:00*End: *5-21-91 - 4:00 PM*Test Operator: *ERIC STEPHAN*Witness: *Mark Palmer*DMS Database: *W1A0TEST*Test Exceptions Recorded? ☒ Yes ☐ No

COMMENTS: <i>Marked as unsuccessful due to DSTRs which were written. STRs were subsequently cleared & module statused as complete - ready to install</i>

TEST PROCEDURE COMPLETION APPROVAL:

☐ Successful☒ Unsuccessful*Eric Stephan*
RFSH Computer Engineer*7-28-97*
Date*LeR/KD*
RFSH Computer Lead*7-29-97*
Date*Mark Palmer*
BDM Representative*7/28/97*
Date

DMS TEST PROCEDURE COVER SHEET

Test Procedure: DMS-I81		Title: System Security DMS Release 2.0	
Revision: 0	Execution: 1	Test Director Signature: <u>Wayne A. Roberts</u>	Date: <u>5/22/97</u>

Computer ☐ Development ☒ Production Date/Time: Start: 6:15 5/22/97 6:20 End: 5/22/97 10:10

Test Operator: Eric Stephen Witness: Wayne Roberts

DMS Database: WRAPTEST SWITS Database: SWIWRAP MMX Directory: \\dms\pctorms

Test Exceptions Recorded? ☐ Yes ☒ No
COMMENTS:

TEST PROCEDURE COMPLETION APPROVAL:

☒ Successful ☐ Unsuccessful

<u>Wayne A. Roberts</u> RFSH Computer Engineer	<u>5/22/97</u> Date	<u>Joe R. W.</u> RFSH Computer Lead	<u>7-22-97</u> Date
<u>Dick</u> BDM Representative	<u>5/23/97</u> Date		

DMS TEST PROCEDURE COVER SHEET

Test Procedure: DMS-II41		Title: Functional test of DMS Revision 2.0 Table Maintenance Screens		RELEASE 2.0
Revision: 0	Execution: 1	Test Director Signature: <u>John R. Ward</u>		Date: 5-20-97

Computer ☒ Development ☐ Production Date/Time: Start: 5-20-97-1400 End: 5-20-97-1435
 Test Operator: John R. Ward Witness: John R. Ward

Test Exceptions Recorded?	☒ Yes	☐ No
COMMENTS: ONE EXCEPTION WRITTEN TO DELETE DMS0956 AS IT IS NO LONGER REQD. FACILITY OPERATION NOT IMPACTED WITH SOFTWARE AS IS		

TEST PROCEDURE COMPLETION APPROVAL:

☒ Successful	☐ Unsuccessful		
<u>John R. Ward</u>	<u>5-20-97</u>	<u>John R. Ward</u>	<u>5-20-97</u>
Test Director	Date	RFSH Computer Engineer	Date
<u>N/A</u>		<u>John R. Ward</u>	<u>5-20-97</u>
BDM Representative	Date	RFSH Computer Lead	Date

DMS TEST PROCEDURE COVER SHEET

Test Procedure: DMS-II61	Title: Functional test of DMS Revision 2.0 System Administration Screens		
Revision: 0	Execution:	Test Director Signature: <u>John R. Weick</u>	Date: <u>5-20-97</u>

Computer ☐ Development ☒ Production Date/Time: Start: 5-20-97 - 1430 End: 5-20-97 - 1500
 Test Operator: John R. Weick Witness: John R. Weick

Test Exceptions Recorded? ☒ Yes ☐ No
COMMENTS: <u>Exceptions listed will not prevent use of screens to support as expected</u>

TEST PROCEDURE COMPLETION APPROVAL:

☒ Successful ☐ Unsuccessful

<u>John R. Weick</u>	<u>5-20-97</u>	<u>John S. Plunk</u>	<u>5-20-97</u>
Test Director Date		RFSH Computer Engineer	Date
<u>N/A</u>		<u>John R. Weick</u>	<u>5-20-97</u>
BDM Representative	Date	RFSH Computer Lead	Date

PROJECT TITLE: WRAP MODULE 1

PROJECT NUMBER: W-026

DMS TEST PROCEDURE COVER SHEET

Test Procedure: DMS-I215		Title: Data Review Module (DMSS1211, DMSS1212, DMSS1231) Release-2-0 3.0	
Revision: 1	Execution: 1	Test Director Signature: <u>[Signature]</u>	Date: 7/9/97

Computer ☐ Development ☒ Production Date/Time: Start: 7/9/97 - 1030 End: 7/9/97 - 1100

Test Operator: TODD ELSETHAGEN Witness: MARK PALMER

DMS Database: WRAPID SWITS Database: SWIWRAP
WRAPTEST

Test Exceptions Recorded? ☐ Yes ☒ No
COMMENTS: THIS TEST WAS TO TEST IMPLEMENTATION OF CR#127 ONLY. ONLY THE PORTION OF TEST APPLICABLE TO CR#127 WAS RUN
STEP 4/ ALSO VERIFIED THAT DMSSDID1 CHANGE FOR CR#127 WAS CORRECTLY COMPLETED TO SCD

TEST PROCEDURE COMPLETION APPROVAL:

☒ Successful ☐ Unsuccessful[Signature]
RFSH Computer Engineer7/9/97
Date[Signature]
RFSH Computer Lead Date 7-16-97[Signature]
BDM Representative

Date

PROJECT TITLE: WRAP MODULE 1
HNF-SD-W026-TRP-016, Rev.0
STATUS: 8/26/97 1:57pm

APPENDIX E - FUNCTIONAL TEST COVERSHEETS, RELEASE 3.0

Scheduled: xx/xx/xx
Completed: xx/xx/xx

JECT TITLE: WRAP MODULE 1

PROJECT NUMBER: W-026

DMS TEST PROCEDURE COVER SHEET

TEST PROCEDURE APPROVED FOR USE:

st Procedure: DMS-F301

Title: DMS/PCS Communication Interface and Associated DMSCOM Processing for DMSPCS, PCSDMS, and PCSRDMS Messages for DMS Release 3.0.

ision: 0

Execution: 1

Test Director Signature:

[Signature]

Date:

7-17-97

puter

☒ Development

☐ Production

Date/Time: Start: 6-18-97 1630

End: 7/1/97-1330

Operator: JIM HOLT

Witness: JR WIDERT/ME PALMER

st Exceptions Recorded?

☒ Yes

☐ No

MMENTS:

Neither is critical to plant operation see 7-17-97

TEST PROCEDURE COMPLETION APPROVAL:

☒ Successful

☐ Unsuccessful

t Director

7-17-97

Date

[Signature]

RFSH Engineering Representative

7-9-97

Date

[Signature]

MI Representative

7-9-97

Date

[Signature]

RFSH Computer Engineering Lead

7-17-97

Date

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PROJECT TITLE: WRAP MODULE 1

PROJECT NUMBER: W-026

DMS TEST PROCEDURE COVER SHEET

TEST PROCEDURE APPROVED FOR USE:			
Test Procedure: DMS-F304		Title: DMS/SIE/BWAS Communication Interface and Associated DMSCOM Processing for DMSSIE DD, DMSRSIE, SIEDMS, DMSBWA, and BWADMS Messages.	
Revision: 0	Execution: 1	Test Director Signature: <u>JOR WLD</u>	Date: <u>7-16-97</u>

Computer ☒ Development ☐ Production Date/Time: Start: 6-19-97 1430 End: 6-25-97 1400Test Operator: JIM HOLT Witness: JR WEIDERT / ME Palmer

Test Exceptions Recorded?	☒ Yes	☐ No
COMMENTS: <u>While setup message was being displayed will not prohibit use of DMSCOM for</u>		
<u>bulk of fleet operations. Data is available through NDA records</u>		
<u>Copy of floppy disk attached to DMS-F301 Test</u>		

TEST PROCEDURE COMPLETION APPROVAL:

☒ Successful ☐ UnsuccessfulTest Director JOR WLDDate 7-16-97RFSH Representative SJS/KaneDate 7/9/97BDM Representative James B HoltDate 7-9-97RFSH Computer Engineering Lead JOR WLDDate 7-16-97

PROJECT TITLE: WRAP MODULE 1
DMS TEST PROCEDURE COVER SHEET

PROJECT NUMBER: W-026

TEST PROCEDURE APPROVED FOR USE:

Test Procedure: DMS-F311		Title: TRU Glovebox Module (DMSS0331, DMSS0332, DMSS0333, DMSS0334, DMSS0335, DMSS0336) DMS Release 3.0	
Revision: 1	Execution: 1	Test Director Signature: <i>Mark Palmer</i>	Date: <i>7/9/97</i>

Computer ☒ Development ☐ Production

Date/Time: Start: *7/9/97 - 11:00am*

End: *7/9/97 - 1:30*

Test Operator: *Dan McLean*

Witness: *Mark Palmer*

Test Exceptions Recorded? ☒ Yes ☐ No

COMMENTS: *INTEGRATION TESTING FOR FOMS 4.5 V.1.2*
DR #1 not attached - it was closed prior to running this test

TEST PROCEDURE COMPLETION APPROVAL:

☒ Successful ☐ Unsuccessful

Mark Palmer
Test Director Date

Dan McLean
BDM Federal Representative *7/9/97*
Date

MSZ

Mark Palmer
WRAP Computer Lead *7-17-97*
Date

Mark Palmer
WRAP Engineering Representative *7/9/97*
Date

July 16, 1997 (7:45am)

DMS TEST PROCEDURE COVER SHEET

TEST PROCEDURE APPROVED FOR USE:

Test Procedure: DMS-F312

Title: TRU RWM Glovebox screens, Release 2.0-3.0

Revision: 0

Execution: 1

Test Director Signature:

Wayne A. Robertson

Date: 7-7-97

Computer ☒ Development ☐ Production Date/Time: Start: 7/7 - 10:00 AM End: -

Test Operator: Dave Hoase

Witness: Wayne A. Robertson

Test Exceptions Recorded? ☐ Yes ☒ No

COMMENTS: Testing w/ Oracle Version 1.2 in Sample Management Office

Steps 250-256 tested during OTP, successful. LAR 7/22/97

TEST PROCEDURE COMPLETION APPROVAL:

☒ Successful LAR 7/22/97☐ Unsuccessful

Test Director

Date

WRAP Computer Lead

Date

BDM Federal Representative

Date

WRAP Engineering Representative

Date

PROJECT TITLE: WRAP MODULE 1

PROJECT NUMBER: W-026

DMS TEST PROCEDURE COVER SHEET

TEST PROCEDURE APPROVED FOR USE:

Test Procedure: DMS-F314	Title: Facility Metrics Reports (DMSR1101, DMSR1102, DMSR1103, DMSR1104) DMS Release 3.0	
Revision: 0	Execution:	Date: 7-16-97
Test Director Signature: <u>[Signature]</u>		

Computer ☒ Development ☐ Production Date/Time: Start: 6-11-97 1100 End: 6/27/97 1400Test Operator: INPATI SINGH / ADISHA SINGHAR Witness: JK WEIDERT / ME PALMERTest Exceptions Recorded? ☒ Yes ☐ No

COMMENTS: Test exceptions generated for this test DMS-F314-01 thru 05 will not prevent operations from using reports application. Test was initially run w/ SQL commands in lieu of DMS menu options (Jew initials). Mark Palmer (no initials) later verified DMS menu functions.

TEST PROCEDURE COMPLETION APPROVAL:

☒ Successful ☐ Unsuccessful

[Signature] 7-16-97
Test Director Date

[Signature] 7-22-97
3DM Federal Representative Date

[Signature] 7-16-97
WRAP Computer Lead Date

[Signature] 7-16-97
WRAP Engineering Representative Date

PROJECT TITLE: WRAP MODULE 1

PROJECT NUMBER: W-026

DMS TEST PROCEDURE COVER SHEET

TEST PROCEDURE APPROVED FOR USE:

Test Procedure: DMS-F315

Title: Journaling DMS Release 3.1

Revision: 0

Execution: 1

Test Director Signature: J R Wood

Date:

8-1-97

Computer ☒ Development ☐ Production Date/Time: Start: 7-30-97 1315 End: 7-30-97 2000Test Operator: James B. HoltWitness: J R Wood

Test Exceptions Recorded?

☐ Yes☒ No

COMMENTS:

TEST PROCEDURE COMPLETION APPROVAL:

☒ Successful☐ Unsuccessful

Test Director

7-30-97

Date

WRAP Computer Lead

Date

8-1-97

BDM Federal Representative

Date

8-1-97

WRAP Engineering Representative

Date

7-30-97

DMS TEST PROCEDURE COVER SHEET

Test Procedure: DMS-I18		Title: LLW Exit Glovebox screen (DMSS0315)	
Revision: 0	Execution: 1	Test Director Signature: <u>[Signature]</u>	Date: <u>2/8/97</u>

Computer ☒ Development ☐ Production Date/Time: Start: 7/8/97 End: 7/8/97

Test Operator: Dan McLann Witness: MARK PALMER

Test Exceptions Recorded? ☒ Yes ☐ No
COMMENTS:

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TEST PROCEDURE COMPLETION APPROVAL:

☐ Successful ☒ Unsuccessful

[Signature] 7/8/97
RFSH Computer Engineer Date

[Signature] 7-16-97
RFSH Computer Lead Date

[Signature] 7/19/97
BDM-Representative Date

LMSI

APPENDIX F - FUNCTIONAL TEST COVERSHEETS, RELEASE 3.1

PROJECT TITLE: WRAP MODULE 1

PROJECT NUMBER: W-026

DMS TEST PROCEDURE COVER SHEET

Test Procedure: DMS-I23		Title: AS/RS Shipping Pick List screen (DMSS0904) DMS Revision 2.0	
Revision: 1	Execution:	Test Director Signature: <u>[Signature]</u>	Date: <u>7/29/97</u>

Computer ☒ Development ☐ ProductionDate/Time: Start: 7/29/97 - 845End: 7/29/97 - 1420Test Operator: ERIC STEPHANWitness: MARK PALMERDMS Database: WRAPDEV2Test Exceptions Recorded? ☐ Yes ☒ No

COMMENTS:

TEST PROCEDURE COMPLETION APPROVAL:

☒ Successful☐ Unsuccessful[Signature]
RFSH Computer Engineer7/31/97
Date[Signature]
RFSH Computer Lead

Date

7-31-97[Signature]
BDM Representative7/31/97
Date

DMS TEST PROCEDURE COVER SHEET

TEST PROCEDURE APPROVED FOR USE:			
Test Procedure: DMS-F215		Title: Data Review Module, Revision 2.0	
Revision: 1	Execution: 1	Test Director Signature:	Date:

Computer ☒ Development ☐ Production Date/Time: Start: 7-21-97-1300 End: 7-22-97-1230

Test Operator: _____ Witness: _____

Test Exceptions Recorded? ☐ Yes ☐ No
COMMENTS:
This revision tests DMSS1201 and DMSS1202 screens only.
Skip Steps 4 through 7 of SETUP.
After running "SETUP," skip to Step F215-R4-01.

*Sign off when
test exception
clears*

TEST PROCEDURE COMPLETION APPROVAL:

☐ Successful ☐ Unsuccessful

Test Director Date

WRAP Computer Lead Date

BDM Federal Representative Date

WRAP Engineering Representative Date

PROJECT TITLE: WRAP MODULE 1

PROJECT NUMBER: W-026

DMS TEST PROCEDURE COVER SHEET

TEST PROCEDURE APPROVED FOR USE:			
Test Procedure: DMS-F315		Title: Journaling DMS Release 3.1	
Revision: 0	Execution: 1	Test Director Signature: <u>LRW</u>	Date: 8-1-97

Computer ☒ Development ☐ Production Date/Time: Start: 7-30-97 1515 End: 7-30-97 2020Test Operator: James B. HoltWitness: LRWTest Exceptions Recorded? ☐ Yes ☒ No

COMMENTS:

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TEST PROCEDURE COMPLETION APPROVAL:

☒ Successful ☐ UnsuccessfulLRW
Test Director7-30-97
DateLRW
WRAP Computer Lead8-1-97
DateJames B. Holt
EDM Federal Representative8-1-97
DateLRW
WRAP Engineering Representative7-30-97
Date

PROJECT TITLE: WRAP MODULE 1

PROJECT NUMBER: W-026

DMS TEST PROCEDURE COVER SHEET

TEST PROCEDURE APPROVED FOR USE:			
Test Procedure: DMS-F211		Title: LLW RWM Glovebox screens, Revision 2.0	
Revision: 1	Execution: 1	Test Director Signature: <u>LERW</u>	Date: 8-1-97

Computer ☒ Development ☐ Production Date/Time: Start: 7-28-97 0800 End: 7-31-97 1600Test Operator: BS:dhwaneyWitness: LERWTest Exceptions Recorded? ☒ Yes ☐ No

COMMENTS: For revision 1 test forms were run in stand alone mode vs. Release 2.0. Reference to menu options will be marked as 2.0 if screen displayed using stand-alone mode.

In some instances SQL commands not listed in the test were used to update data.

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TEST PROCEDURE COMPLETION APPROVAL:

☒ Successful☐ Unsuccessful

LERW 8-1-97
Test Director Date

BS:dhwaney 8-1-97
BDM Federal Representative Date

LERW 8-1-97
WRAP Computer Lead Date

LERW 8-1-97
WRAP Engineering Representative Date

DISTRIBUTION SHEET

To	From	Page 1 of 1
Distribution	WRAP Engineering	Date 10/23/97
Project Title/Work Order		EDT No. 620617
HNF-SD-W026-TRP-016, Rev. 0, DMS TEST SUMMARY REPORT		ECN No. N/A

Name	MSIN	Text With All Attach.	Text Only	Attach./ Appendix Only	EDT/ECN Only
------	------	-----------------------------	-----------	------------------------------	-----------------

JK Kersten	T4-52	X			
ME Palmer	T4-52				X
WR Thackaberry	T4-52				X
JR Weidert	T4-52	X			
Project Files	G3-11	X			