

ACN  
93  
8

**COPY = 1**

DOT/FAA/CT-ACN100D93/8

FINAL

NAS OPERATIONAL TEST AND EVALUATION INTEGRATION OF THE  
PC/MAINTENANCE MANAGEMENT SYSTEM (PC/MMS)  
VERSION J0.71

LETTER OF FINDINGS

**FEDERAL AVIATION ADMINISTRATION**

Frances M. Bayne

OCT 21 1993

S

**TECHNICAL CENTER LIBRARY  
ATLANTIC CITY INTL AIRPT, NJ 08405**

September 1993



FEDERAL AVIATION ADMINISTRATION  
TECHNICAL CENTER LIBRARY  
ATLANTIC CITY INTL AIRPT, NJ 08405

Document is on file at the Technical Center  
Library, Atlantic City International Airport, N.J. 08405

**AVAILABLE IN  
ELECTRONIC FORMAT**

DOT/FAA  
/CT-ACN  
100D93/  
8  
c.1

Engineering, Test, and Evaluation Service  
ATC Sustaining Engineering Division  
Maintenance Automation Program  
FAA Technical Center  
Atlantic City International Airport, N.J. 08405

## 1. INTRODUCTION.

This Final Letter of Findings (LOF) details the results of the ACN-100D NAS Operational Test and Evaluation Integration of the PC/Maintenance Management System (PC/MMS), version J0.71.

### 1.1 PURPOSE.

The purpose of the NAS OT&E Integration testing was to verify the following:

a. Functionality of the software is not degraded due to software enhancements or modifications;

b. The PC/MMS has been implemented as described in the following documents: (1) Version Description Document for the Maintenance Management System (Version A04.08) of RMMS Maintenance Processor Subsystem, Appendix C, PC/MMS Software Installation and Operation Notes (Version J0.71, July 29, 1993, Unisys/Volpe Center, (2) SPB-RMM-093, TI 6030.1D, User's Manual for the Maintenance Management System (MMS), PIC0400, 5.0 PC/MMS, June 1993, and (3) SPB-RMM-093, TI 6030.2E, System Administrator's Guide for the Maintenance Management System (MMS), PIC0400, 5.0 MMS Security and PC/MMS Initialization, June 1993; and

c. Exceptions identified by ACN-100D in previous LOFs and listed as resolved as of version J0.71 in the Status of Integration Test Exceptions for PC/MMS Software, August 5, 1993, Unisys, have been resolved.

### 1.2 DATE.

ACN-100D conducted the NAS OT&E Integration testing of the PC/MMS, version J0.71, from August 4 through September 23, 1993.

### 1.3 LOCATION.

ACN-100D conducted the NAS OT&E Integration of the PC/MMS, version J0.71, on the ACN-100D Tandem NonStop II/TXP MPS and AT&T PCs (fixed and portable) located at the Federal Aviation Administration (FAA) Technical Center, Atlantic City International Airport, New Jersey.

### 1.4 PARTICIPANTS.

Frances Bayne (ACN-100D) and Ed Palka (CTA) conducted the NAS OT&E Integration of the PC/MMS, version J0.71.

### 1.5 EXCEPTION IDENTIFICATION.

Each exception is identified as either major or minor and by an exception ID, both of which immediately follow the description of the exception. The exception ID is a unique identifier comprised of the software acronym (i.e., MMS), development version in which the exception was first detected by ACN-100D, and a three-digit number assigned sequentially within the body of an

LOF or test report for a given version. In addition, when an exception is identified as major, an asterisk is appended to the exception ID. Tables 5-1 and 5-2 follow the test results and recommendations for the versions under test and list the open and closed exceptions, respectively, identified by ACN-100D during past and present test efforts.

## 2. OT&E INTEGRATION TEST RESULTS AND RECOMMENDATIONS.

### 2.1 PC/MMS J0.71 OT&E INTEGRATION TEST RESULTS.

#### 2.1.1 Local Mode.

In the local mode, in LIN, when local mode log entries exist on the MDT and F8 is pressed to modify the LIN record, the message INVALID PASSWORD - ACTION NOT TAKEN is displayed. When a valid password is entered, the message IDENTIFICATION CANNOT BE CHANGED WHILE ENTRIES EXIST FOR UPLOAD is displayed. ACN-100D recommends that the IDENTIFICATION CANNOT BE CHANGED ... message be the only message displayed when local mode log entries exist on the MDT and a modification to the LIN record is attempted. This problem was reported to Bob Hobbs, Unisys, on 8/31/93.

This is a minor exception. Exception ID: MMS-J0.71-001

#### 2.1.2 Connected Mode.

a. In the connected mode, when open or closed logs (STATUS = 0 or X) are downloaded to the MDT via LDL, subsequently voided in connected mode, closed (STATUS = X) in local mode, and uploaded to the MPS via LUP, their STATUS in connected mode is X (i.e., they are no longer marked as void). However when open logs (STATUS = 0) are downloaded to the PC, voided in connected mode, continued (STATUS = 0) in local mode, and uploaded, their STATUS in connected mode is V, and the modifications made in local mode are reflected in connected mode with an additional sequence number. In MMS, when an attempt is made to modify a voided log, an error message is displayed; modifications are disallowed. This problem was reported to Bob Hobbs, Unisys, on 8/23/93. This problem was also reported to Jerry Kwit, Unisys, on 8/27/93.

This is a major exception. Exception ID: MMS-J0.71-002-\*

b. In the connected mode, in LUP, for each voided log (downloaded and revoided in local or voided for the first time in local) uploaded (with a valid USERID and password), the correction screen is displayed with the cursor at the FAC/SERV field. The message LOG NUMBER <log ID number> HAS BEEN ADDED BY <initials> is displayed. When F8 is pressed, the cursor moves to the PASSWORD field, and the message INVALID PASSWORD - ACTION NOT TAKEN is displayed. When the valid password is entered, the cursor moves to the second line of the COMMENTS field, and the message RECORD ALREADY MARKED AS VOID is displayed. Comments may be entered, but when F8 is pressed, the cursor remains in the COMMENTS field. The user must press SF5 or wait for the timeout period to expire in order to exit the correction screen. When the LUP

screen is displayed, and the upload is completed, the message UPLOAD COMPLETE - <number of entries in error> LOGS ORIGINALLY CONTAINED ERRORS is displayed. This problem was reported to Bob Hobbs, Unisys, on 8/23/93. This problem was also reported to Jerry Kwit, Unisys, on 8/27/93.

This is a major exception. Exception ID: MMS-J0.71-003-\*

c. In the connected mode, when voided logs are uploaded, comments added to the logs in local mode via the SF10 key are not uploaded. Comments added in local mode on the Comments screen via the F8 key are uploaded correctly, however. This problem was discussed with Calista Hillman, Unisys, on 8/26/93. This problem was reported to Unisys via the MMS Hotline on 8/27/93. This problem was also reported to Jerry Kwit, Unisys, on 8/27/93.

This is a major exception. Exception ID: MMS-J0.71-004-\*

## 2.2 PC/MMS J0.71 RECOMMENDATION.

ACN-100D recommends that the PC/MMS be modified prior to fielding to correct the major exceptions, and to the extent possible, the minor exceptions identified herein.

## 3. STATUS OF PREVIOUSLY OPEN ACN-100D PC/MMS EXCEPTIONS AS OF VERSION J0.71.

### 3.1 ACN-100D EXCEPTIONS RESOLVED WITH MMS VERSION A04.08 AND PC/MMS VERSION J0.71.

ACN-100D verified that the following ACN-100D exceptions, listed in the Status of Integration Test Exceptions for PC/MMS Software as "corrected", "closed", or "documentation updated" with MMS A04.08 and/or PC/MMS J0.71, were corrected or closed:

|               |               |               |                 |
|---------------|---------------|---------------|-----------------|
| MMS-J0.5-032, | MMS-J0.7-001, | MMS-J0.7-022, | MMS-J0.7-041,   |
| MMS-J0.5-061, | MMS-J0.7-003, | MMS-J0.7-023, | MMS-J0.7-042,   |
| MMS-J0.5-062, | MMS-J0.7-004, | MMS-J0.7-025, | MMS-J0.7-043,   |
| MMS-J0.5-067, | MMS-J0.7-005, | MMS-J0.7-026, | MMS-J0.7-044,   |
| MMS-J0.5-070, | MMS-J0.7-006, | MMS-J0.7-027, | MMS-J0.7-045,   |
| MMS-J0.5-074, | MMS-J0.7-007, | MMS-J0.7-028, | MMS-J0.7-046,   |
| MMS-J0.5-075, | MMS-J0.7-008, | MMS-J0.7-029, | MMS-J0.7-047,   |
| MMS-J0.6-003, | MMS-J0.7-009, | MMS-J0.7-030, | MMS-J0.7-048,   |
| MMS-J0.6-006, | MMS-J0.7-010, | MMS-J0.7-031, | MMS-J0.7-049,   |
| MMS-J0.6-007, | MMS-J0.7-011, | MMS-J0.7-032, | MMS-J0.7-050,   |
| MMS-J0.6-010, | MMS-J0.7-012, | MMS-J0.7-033, | MMS-J0.7-051,   |
| MMS-J0.6-018, | MMS-J0.7-013, | MMS-J0.7-034, | MMS-J0.7-052,   |
| MMS-J0.6-019, | MMS-J0.7-014, | MMS-J0.7-035, | MMS-J0.7-053,   |
| MMS-J0.6-030, | MMS-J0.7-015, | MMS-J0.7-036, | MMS-J0.7-054,   |
| MMS-J0.6-039, | MMS-J0.7-016, | MMS-J0.7-037, | MMS-J0.7-055,   |
| MMS-J0.6-042, | MMS-J0.7-017, | MMS-J0.7-038, | MMS-J0.7-056,   |
| MMS-J0.6-048, | MMS-J0.7-018, | MMS-J0.7-039, | MMS-A04.05-062, |
| MMS-J0.6-052, | MMS-J0.7-021, | MMS-J0.7-040, | MMS-A04.05-064, |
|               |               |               | MMS-A04.05-065. |

3.2 ACN-100D EXCEPTIONS PARTIALLY RESOLVED WITH MMS VERSION A04.08, PC/MMS VERSION J0.71, OR DOCUMENTATION.

ACN-100D verified that the following ACN-100D exceptions, listed in part in the Status of Integration Test Exceptions for PC/MMS Software as MMS documentation updates "scheduled for MMS A04.1", were partially resolved. ACN-100D will verify updates to the Administrator's Guide and User's Manual when A04.1 is released for integration testing.

MMS-J0.5-033,  
MMS-J0.6-029,  
MMS-J0.6-062,  
MMS-J0.6-066,  
MMS-J0.7-020,  
MMS-J0.7-057,  
MMS-J0.7-058.

3.3 ACN-100D EXCEPTIONS NOT RESOLVED IN PC/MMS VERSION J0.71.

ACN-100D verified that the following ACN-100D exceptions, listed in the Status of Integration Test Exceptions for PC/MMS Software as "corrected" or "closed", were not fully resolved and require further modifications to MMS, PC/MMS, or the User's Manual:

MMS-J0.6-055,  
MMS-J0.6-058,  
MMS-J0.6-059,  
MMS-J0.7-002,  
MMS-J0.7-024,  
MMS-J0.7-059,  
MMS-J0.7-060,  
MMS-J0.7-061,  
MMS-A04.05-063.

3.4 ACN-100D EXCEPTIONS ON HOLD AS OF J0.71.

ACN-100D verified that the following ACN-100D exceptions, listed in the Status of Integration Test Exceptions for PC/MMS Software as "on hold", "on hold until PC/MMS J0.8", or "on hold; change in requirements", are on hold:

MMS-J0.5-076,  
MMS-J0.6-017,  
MMS-J0.7-019.

4. PC/MMS OPERATIONAL ISSUES.

The following issues were raised by Charlie Blue from Kansas City Center to Frances Bayne, ACN-100D, on 8/23/93:

- a. Central Region will have 50 SFO/SFU/SU offices with personnel working administrative work hours of 7:30 to 16:00, Monday through Friday.

Technicians will want to have at least six months of logging data (some may want the entire log history) downloaded to them before going to the site. The download process should be automated, such that after the PM Scheduler runs, a PC would call the MPS to download the desired logging data.

b. Many technicians will be uploading logging data at approximately the same time. The capability to export logging data entered in local mode to a file, merge the files into one file, and upload this one file is requested.

c. The LDL screen allows only six facility type/ident entries. Six entries alone are needed for one ARMS site. The capability to enter more than six facility types/idents is requested.

d. One person may be given the task of resolving unresolved log entries. The capability to download only unresolved log entries is requested.

#### 5. ACN-100D OPEN AND CLOSED EXCEPTIONS.

Tables 5-1 and 5-2 list the open and closed exceptions, respectively, identified by ACN-100D during past and present test efforts. For each exception the table includes a short description, exception ID, and status of the exception as of this LOF. The exception ID is a unique identifier comprised of the software acronym (i.e., MMS), development version in which the exception was first detected by ACN-100D, and a three-digit number assigned sequentially within the body of an LOF or test report for a given version. In addition, when an exception is identified as major, an asterisk (\*) is appended to the exception ID.

TABLE 5-1. ACN-100D MMS AND PC/MMS OPEN EXCEPTIONS REPORT

| DESCRIPTION OF EXCEPTION  | EXCEPTION ID   | CURRENT STATUS |
|---|----------------|----------------|
| <b>MMS LOGGING ACTIVITY SUBSYSTEM TEST</b>  |                |                |
| In LEM date can be entered in ORDERED field greater than date in RECEIVED field                                 | MMS-A04-006    | OPEN           |
| In LRV comment DATE and TIME fields are not entirely highlighted when in error                                  | MMS-A04-009    | OPEN           |
| Inconsistent messages displayed when user retrieves records   | MMS-A03.2-001  | OPEN           |
| <b>MMS REPORT GENERATION/DISTRIBUTION SUBSYSTEM TEST</b>  |                |                |
| In RTE, when TEINVRPT report generated, first page has no headers and totals, second page has no requested data | MMS-A04.04-003 | OPEN           |
| Within REP, RNP, RPG, and RTE, there should be function key to return to RGD menu                               | MMS-A04-017    | OPEN           |
| In REP, REPORT PROCESSING message remains on screen after report generated                                      | MMS-A04-018    | OPEN           |
| In Report Names screens in REP, subfunction and field identifiers should be spelled out                         | MMS-A04-021    | OPEN           |
| In Report Names, PMTODAY long name should be PMs AND CERTIFICATIONS ...   | MMS-A04-022    | OPEN           |
| <b>MMS PERSONNEL CERT AND TRAINING SUBSYSTEM TEST</b>   |                |                |
| Leading zero in ZIP field not displayed on PPA screen   | MMS-A04.03-002 | OPEN           |

#### MMS TEST EQUIPMENT AND CALIBRATION SUBSYSTEM TEST

|   |                |      |
|---|----------------|------|
| In TET, when record retrieved, LO entered in TC field, F9 pressed, DISPOSITION field filled prior to entry of req. data | MMS-A04.04-005 | OPEN |
| In TCR, extraneous characters on bottom right of screen   | MMS-A04.04-006 | OPEN |
| In TCR, when F7 (SELECT) or F10 (PRODUCE REPORT) pressed, highlighted space appears on right side of screen             | MMS-A04.04-007 | OPEN |

#### MMS DATA ENTRY/HELP/FUNCTION KEY TEST

|   |                |      |
|---|----------------|------|
| In MMS, when invalid function code entered in F1=GO TO of certain screens, when F1 pressed, cursor at same position | MMS-A04.05-063 | OPEN |
|---|----------------|------|

#### MMS USER'S MANUAL

|  |              |      |
|--|--------------|------|
| In MMS User's Manual, paragraph should be added to document PC keyboard keys | MMS-J0.7-058 | OPEN |
| Long name for PMTODAY should be PMs AND CERTIFICATIONS ...                   | MMS-A04-027  | OPEN |

#### MMS SOFTWARE REQUIREMENTS SPECIFICATION

|   |             |      |
|---|-------------|------|
| Modify SRS for consistency with Help screens of REP | MMS-A04-029 | OPEN |
|---|-------------|------|

#### PC/MMS LOCAL MODE

|  |               |      |
|--|---------------|------|
| In PC/MMS local mode, in LIN, when local mode log entries exist and F8 pressed to modify LIN, INVALID PASSWORD ... displayed | MMS-J0.71-001 | OPEN |
| In PC/MMS local mode, System Access screen, Help for SECTOR, INITIALS, PASSWORD confusing: YOUR USERID WILL BE INVALID ...   | MMS-J0.7-002  | OPEN |

PC/MMS CONNECTED MODE

|  |                 |      |
|--|-----------------|------|
| In PC/MMS conn mode, when open/closed logs dwnlded, voided on MPS, updated on MDT, uplded, V STATUS=X, O STATUS=V with updates | MMS-J0.71-002-* | OPEN |
| In PC/MMS conn mode, in LUP, when voided logs uploaded, correction screen displayed although no error                          | MMS-J0.71-003-* | OPEN |
| In PC/MMS conn mode, when voided logs uploaded, comments added in local via SF10 not uploaded                                  | MMS-J0.71-004-* | OPEN |
| In PC/MMS conn mode, in FSE, when F1 pressed, screen blanks out and is redisplayed with no msg                                 | MMS-J0.7-019    | OPEN |
| In PC/MMS conn mode, on LOG, subsystems under OTHER MMS SUBSYSTEM accessible via F1--not documented                            | MMS-J0.7-020    | OPEN |
| In PC/MMS conn mode, when invalid function code entered in F1=GO TO, after F1 pressed, cursor in same position                 | MMS-J0.7-024    | OPEN |
| In PC/MMS conn mode, in LUP, when error log corrected and upload complete, msg indicates log uploaded in error                 | MMS-J0.6-017    | OPEN |
| In PC/MMS conn mode, in LDL, B in OPEN/CLOSE/BOTH, START DATE restricts only closed, not open, records                         | MMS-J0.6-029    | OPEN |

PC/MMS LOCAL AND CONNECTED MODES

|  |              |      |
|--|--------------|------|
| In PC/MMS both modes, in LOG, PMS, and their functions, in Help for FUNCTION-CODE, add LDL and LDP | MMS-J0.6-055 | OPEN |
|--|--------------|------|

In PC/MMS both modes, in Main Menu, LOG, LSR, PMS, PMC, blank spaces around = should be deleted MMS-J0.6-058 OPEN

In PC/MMS both modes, in LDV when viewing validation records, field names inconsistent with MMS field names MMS-J0.5-076 OPEN

#### MMS AND PC/MMS

In MMS and PC/MMS (both modes), when F1 pressed from current screen, various msgs displayed MMS-J0.7-059 OPEN

In MMS and PC/MMS (both modes), when certain screen displayed and F1 pressed, various formats of WARNING-F1 WILL CLEAR SCREEN; ... MMS-J0.7-060 OPEN

In MMS and PC/MMS (both modes), when using a PC, pressing Shift Home key combination produces varied results MMS-J0.7-061 OPEN

#### PC/MMS DOCUMENTATION

In MMS User's Manual, section 5.0, paragraph should be added to document MPS setting date/time on PC when connection made MMS-J0.7-057 OPEN

In MMS User's Manual, 5.4.1, parameters from previous download not displayed as stated MMS-J0.6-059 OPEN

In MMS User's Manual, 5.4.3, add subparagraph to address stopping of logging upload process MMS-J0.6-062 OPEN

In MMS User's Manual, 5.4.4, add sentence or para. to address previous download results section of LDV screen MMS-J0.6-066 OPEN

PC/MMS Inst & Oper Notes and  
SAG and/or User's Manual should  
state how LIN info can be  
retrieved

MMS-J0.5-033

OPEN

TABLE 5-2. ACN-100D MMS AND PC/MMS CLOSED EXCEPTIONS REPORT

| DESCRIPTION OF EXCEPTION   | EXCEPTION ID     | CURRENT STATUS    |
|--|------------------|-------------------|
| <b>MMS/IMCS INITIALIZATION/LOADING TEST</b>  |                  |                   |
| COBOL85 run-time library not installed on \ACTA MPS  | MMS-A03.4-001    | CLOSED A03.4      |
| <b>MMS SECURITY TEST</b>   |                  |                   |
| In MMS, on System Access screen, less than 3 successive logon failures causes parity error 15                      | MMS-A04.05-062-* | CLOSED A04.08     |
| Sector and Initials remain on screen when access IMCS and press F6 to log off                                      | MMS-A04-001      | CLOSED A04.04     |
| When user with access level of 0 attempts access to MMS subsystems, incorrect message displayed                    | MMS-A04-002      | CLOSED A04.02/.03 |
| User with access level of 1, 2, or 3 can produce ACCLAST report--should only be 4                                  | MMS-A04-003      | CLOSED A04.02/.03 |
| Process \$B961 (TERMCHKO) had error 26   | MMS-A04-004      | CLOSED A04.02/.03 |
| When controller turned off and on, disconnect; to reconnect, must enter Alt Backspace, then Main Menu displayed    | MMS-A04-005      | CLOSED A04.04     |
| <b>MMS ADMINISTRATION SUBSYSTEM TEST</b>   |                  |                   |
| When ACC record modified, MAIL PASSWORD deleted  | MMS-A04.03-001-* | CLOSED A04.04     |
| <b>MMS ADMACC FILE GROUP UPDATE UTILITY TEST</b>   |                  |                   |
| In ACCUPD, on Group Access ID Maintenance screen, when F2 (HELP) pressed and F1 (PROCEED) pressed, user logged off | MMS-A04.04-001-* | CLOSED A04.05     |

MMS LOGGING ACTIVITY SUBSYSTEM TEST

|  |                |               |
|--|----------------|---------------|
| In LOG and LSR, when invalid 3-char code entered in F1=GO TO and F5 & F16 pressed, msg ERROR ON CALL LID ... displayed | MMS-A04.04-002 | CLOSED A04.05 |
| In LLF error message, incorrect spelling of FEILD(S)   | MMS-A04-007    | CLOSED A04.04 |
| In LRV when less than nine lines of comments and no comments added, incorrect message displayed                        | MMS-A04-008    | CLOSED A04.04 |
| In LRV number of comments not displayed like LCO   | MMS-A04-010    | CLOSED A04.04 |
| Should LOG ID NUMBER be retained when going from LRV to any other LOG function?  | MMS-A04-011    | CLOSED N/A    |
| In LCO when less than nine lines of comments and no comments added, incorrect message displayed                        | MMS-A04-012    | CLOSED A04.04 |
| Displayed time not current system time upon return to Logging Menu screen  | MMS-A03.3-001  | CLOSED A04    |

MMS FACILITY SERVICE EQUIPMENT PROFILE SUBSYSTEM TEST

|   |             |                   |
|---|-------------|-------------------|
| In FDS, when attempt to generate data sets A, B, C, or D, error message displayed             | MMS-A04-013 | CLOSED A04.02/.03 |
| In FFA, COST CENTER field only five characters (VDD states six)                               | MMS-A04-014 | CLOSED-MEMO-N/A   |
| In FMO, SHORT NAME field modified with same data, and OPERATION SUCCESSFUL message displayed  | MMS-A04-015 | CLOSED N/A        |
| After FPF record retrieved and F12 pressed, message includes reference to FSU (not available) | MMS-A04-016 | CLOSED A04.02/.03 |

MMS REPORT GENERATION SUBSYSTEM TEST

|  |               |               |
|--|---------------|---------------|
| Validity check not always performed on selection criteria data | MMS-A03.3-002 | CLOSED A04.04 |
|--|---------------|---------------|

MMS REPORT GENERATION/DISTRIBUTION SUBSYSTEM TEST

|   |               |                   |
|---|---------------|-------------------|
| Report 6040-12 (FSINTDTL) could not be produced | MMS-A04-019-* | CLOSED A04.02/.03 |
|---|---------------|-------------------|

|                        |             |            |
|------------------------|-------------|------------|
| Should PCPFF be PCFPP? | MMS-A04-020 | CLOSED N/A |
|------------------------|-------------|------------|

|  |             |                   |
|--|-------------|-------------------|
| In Help screens for REP, RNP, and RTE, editing feature enabled | MMS-A04-023 | CLOSED A04.02/.03 |
|--|-------------|-------------------|

MMS/NAPRS CONVERSION TEST

|  |               |               |
|--|---------------|---------------|
| TACL sets for volume and subvolume set to test configuration | MMS-A03.3-003 | CLOSED A03.31 |
|--|---------------|---------------|

|   |                 |              |
|---|-----------------|--------------|
| Unable to download daily NAPRS data file from MPS to PC | MMS-A03.3-004-* | CLOSED A03.4 |
|---|-----------------|--------------|

TRANSFER NETWORK UPDATE INTERFACE TEST

|  |                 |               |
|--|-----------------|---------------|
| TRANSFER not transmitting updates to designated MPS node | MMS-A03.4-002-* | CLOSED A03.41 |
|--|-----------------|---------------|

MMS EXTENDED FUNCTIONS SUBSYSTEM TEST

|  |               |            |
|--|---------------|------------|
| Access allowed to TEC subfunction with T followed by any two letters | MMS-A03.3-005 | CLOSED A04 |
|--|---------------|------------|

|   |               |              |
|---|---------------|--------------|
| Return to EXT SYS ACCESS screen when F2 pressed for PCT, FSC, and NPR | MMS-A03.3-006 | CLOSED A03.4 |
|---|---------------|--------------|

MMS PERSONNEL CERT AND TRAINING SUBSYSTEM TEST

|  |                |                   |
|--|----------------|-------------------|
| In PPA when attempting to retrieve record, KBD LOCK remained | MMS-A04B-001-* | CLOSED A04.02/.03 |
|--|----------------|-------------------|

MMS TEST EQUIPMENT AND CALIBRATION SUBSYSTEM TEST

In TCS, when entry made only in  
PASSWORD field and F8 (ADD)  
pressed, msg 11 - REPLY LENGTH  
INVALID displayed MMS-A04.04-004 CLOSED A04.05

MMS MISCELLANEOUS

Message needed to denote 80% or  
90% file full condition MMS-A04-024 CLOSED N/A

MMS DATA ENTRY/HELP/FUNCTION KEY TEST

In MMS, on Main Menu, when Up  
Arrow key pressed, cursor at  
OLD PASSWORD field MMS-A04.05-064 CLOSED N/A

In MMS, on LOG, ADM, or PCT  
screen, when Up Arrow key  
pressed, cursor at last  
function of second column MMS-A04.05-065 CLOSED N/A

Documentation and software  
inconsistent: MAIN MENU versus  
SYSTEM ACCESS MMS-A03.2-002 CLOSED A04

MMS USER'S MANUAL

RSEP should be FSEP MMS-A04-025 CLOSED A04.01 UM

In appendix D, long report  
names should be consistent with  
software MMS-A04-026 CLOSED A04.01 UM

MMS SYSTEM ADMINISTRATOR'S GUIDE

Table 6-6 does not specify non  
key or primary fields MMS-A04-028 CLOSED A04.02/.03

PC/MMS INSTALLATION

Correct spelling and format  
errors on PC/MMS software  
installation screens MMS-J0.5-037 CLOSED J0.6

PC/MMS LOCAL MODE

|  |                |              |
|--|----------------|--------------|
| In PC/MMS local mode, after installation of PC/MMS, on System Access screen, can't cursor to F1-ENTER until press Shift Alt F6     | MMS-J0.7-001   | CLOSED J0.71 |
| In PC/MMS local mode, in LSR, when REGION, SECTOR, AREA entered & no FACILITY SERVICE dbase on PC, no logs displayed on LSR report | MMS-J0.7-003   | CLOSED N/A   |
| In PC/MMS local mode, in LSR, when AREA entered & appropriate FACILITY SERVICE dbase present, no logs displayed on LSR report      | MMS-J0.7-004   | CLOSED N/A   |
| In PC/MMS local mode, when invalid function code entered in F1-GO TO, after F1 pressed, cursor at same position                    | MMS-J0.7-005   | CLOSED J0.71 |
| In PC/MMS local mode, when unavailable function code entered in F1-GO TO, after F1 pressed, cursor at same position                | MMS-J0.7-006   | CLOSED J0.71 |
| In PC/MMS local mode, F8 pressed to add log when no valid. files downloaded; PC beeps; F8 must be pressed again                    | MMS-J0.6-003   | CLOSED J0.71 |
| In PC/MMS local mode, in LDP, EXPORT function, PM data not properly saved  | MMS-J0.6-004-* | CLOSED J0.7  |
| In PC/MMS local mode, when downloaded LST log retrieved, ARRIVAL DATE not displayed  | MMS-J0.6-005   | CLOSED J0.7  |
| In PC/MMS local mode, in LDL, IMPORT function does not always work properly  | MMS-J0.6-006   | CLOSED J0.71 |
| In PC/MMS local mode, SFO on LSR screen appears to be default-filled with first digit of SFO from LIN screen                       | MMS-J0.6-007   | CLOSED J0.71 |

|   |                |              |
|---|----------------|--------------|
| In PC/MMS local mode, when F6=LOGOFF pressed after logging on seven times, error msg displayed                        | MMS-J0.6-008   | CLOSED J0.7  |
| In PC/MMS local mode, in LOG and PMS, OTHER MMS SUBSYSTEMS area info not displayed but printed                        | MMS-J0.6-009   | CLOSED J0.7  |
| In PC/MMS local mode, when F5 pressed from LOG or PMS, OTHER MMS SUBSYSTEMS area info displayed in message box shadow | MMS-J0.6-010   | CLOSED J0.71 |
| In PC/MMS local mode, screens not consistent with display of version identification                                   | MMS-J0.5-038   | CLOSED J0.6  |
| In PC/MMS local mode, System Access and Main Menu screens should display AOS Hotline telephone number                 | MMS-J0.5-039   | CLOSED J0.7  |
| In PC/MMS local mode, problems with LSR report generation   | MMS-J0.5-040-* | CLOSED J0.6  |
| In PC/MMS local mode, correct grammar, spelling errors in Help screens for SECTOR, INITIALS, PASSWORD                 | MMS-J0.5-041   | CLOSED J0.6  |
| In PC/MMS local mode, GO TO field Help screens for LOG and PMS inconsistent   | MMS-J0.5-042   | CLOSED J0.7  |
| In PC/MMS local mode, when Alt Shift F4 pressed, is message correct?  | MMS-J0.5-043   | CLOSED J0.7  |

PC/MMS CONNECTED MODE

|   |                |              |
|---|----------------|--------------|
| In PC/MMS conn mode, on System Access screen, less than 3 successive logon failures causes comm error 2                 | MMS-J0.7-007-* | CLOSED J0.71 |
| In PC/MMS conn mode, dialup, on Main Menu, MCS entered in F1=GO TO and any char. entered in OLD PASSWORD, IMCS accessed | MMS-J0.7-008-* | CLOSED J0.71 |

|  |                |              |
|--|----------------|--------------|
| In PC/MMS conn mode, when ported function displayed, then nonported, and F4 pressed, PC hangs                                      | MMS-J0.7-009-* | CLOSED J0.71 |
| In PC/MMS conn mode, in LDV, when attempt to download FACILITY TYPE records, PC hangs, then comm error 4                           | MMS-J0.7-010-* | CLOSED J0.71 |
| In PC/MMS conn mode, in LDL, < 2MG on C drive, press F10, allowed database to be searched for 50 minutes                           | MMS-J0.7-011-* | CLOSED N/A   |
| In PC/MMS conn mode, in LDP, F10 pressed twice, if F4, F6, Alt Shift F6 pressed, PC hangs, then comm error 17                      | MMS-J0.7-012-* | CLOSED J0.71 |
| In PC/MMS conn mode, in LDV, dialup, when > 1 user downloads same val. file, error 12, press Enter, download other file, PC hangs  | MMS-J0.7-013-* | CLOSED J0.71 |
| In PC/MMS conn mode, in LDV, when > 1 user downloads same val. file, error 12, press Enter, go to LOG, etc. only download FAC TYPE | MMS-J0.7-014-* | CLOSED J0.71 |
| In PC/MMS conn mode, in LDP, when > 1 user downloads PM records, download may be interrupted or incomplete PM database downloaded  | MMS-J0.7-015-* | CLOSED J0.71 |
| In PC/MMS conn mode, in LDV, > 1 user downloads same val. file, error 12, press Enter, other than LOG, error msg etc, downloads OK | MMS-J0.7-016   | CLOSED J0.71 |
| In PC/MMS conn mode, on System Access screen, Help text for SECTOR, INITIALS, PASSWORD is disconnected mode help                   | MMS-J0.7-017   | CLOSED J0.71 |

|  |              |                    |
|--|--------------|--------------------|
| In PC/MMS conn mode, on Main Menu, at OLD PASSWORD, when End key pressed, cursor at NEW PASSWORD field                             | MMS-J0.7-018 | CLOSED J0.71       |
| In PC/MMS conn mode, in LSR, after generate LSR report with LIR records, press F1, msg displayed REQUESTED FUNCTION IS UNAVAILABLE | MMS-J0.7-021 | CLOSED J0.71 & VDD |
| In PC/MMS conn mode, in LSR, when generate LSR report & press F1 to retrieve specific LRM log, LRM log with default data displayed | MMS-J0.7-022 | CLOSED J0.71 & VDD |
| In PC/MMS conn mode, in LSR, page numbers on LOG SUMMARY REPORT do not increase above 20   | MMS-J0.7-023 | CLOSED J0.71       |
| In PC/MMS conn mode, when ADM or PCT displayed, Up Arrow key pressed, cursor at last function of second column                     | MMS-J0.7-025 | CLOSED N/A         |
| In PC/MMS conn mode, on LUT or its function screens, when LOG displayed, last line changes color                                   | MMS-J0.7-026 | CLOSED J0.71       |
| In PC/MMS conn mode, in LUP, at correction screen, press F10 (log not corrected), upload resumed, log not corrected not in count   | MMS-J0.7-027 | CLOSED J0.71       |
| In PC/MMS conn mode, in LDL, month and day validated, but year not validated   | MMS-J0.7-028 | CLOSED J0.71       |
| In PC/MMS conn mode, in LDL, when no date enter in START DATE, error msg, press F10, logs downloaded                               | MMS-J0.7-029 | CLOSED J0.71       |
| In PC/MMS conn mode, in LDV, FACILITY TYPE download does not occur by default when FAC EQUIP, EQUIP MODULE, FAC SERV selected      | MMS-J0.7-030 | CLOSED J0.71       |

|   |                |              |
|---|----------------|--------------|
| In PC/MMS conn mode, in LDV,<br>when > 1 user downloads same<br>validation file, send error msg<br>12 has OCCURED misspelling | MMS-J0.7-031   | CLOSED J0.71 |
| In PC/MMS conn mode, in LDP,<br>when download interrupted<br>second time, label for F10 in<br>function key area incorrect     | MMS-J0.7-032   | CLOSED J0.71 |
| In PC/MMS conn mode, in LDP,<br>when download interrupted<br>second time, function label<br>under BEGIN menu incorrect        | MMS-J0.7-033   | CLOSED J0.71 |
| In PC/MMS conn mode, in LDP,<br>when download completed, label<br>for F10 in function key area<br>incorrect                   | MMS-J0.7-034   | CLOSED J0.71 |
| In PC/MMS conn mode, In LDP,<br>when download completed,<br>function label under BEGIN menu<br>is incorrect                   | MMS-J0.7-035   | CLOSED J0.71 |
| In PC/MMS conn mode, when LIN<br>entered in F1=ENTER of System<br>Access screen and F1 pressed,<br>LOG Menu displayed         | MMS-J0.6-011   | CLOSED J0.7  |
| In PC/MMS conn mode, when<br>attempt to retrieve PMD, PSM,<br>PSR, or PXR from Main Menu, PC<br>hangs                         | MMS-J0.6-012-* | CLOSED J0.7  |
| In PC/MMS conn mode, when<br>attempt to retrieve PMD, PSM,<br>PSR, or PXR from Security<br>Access, LOG Menu displayed         | MMS-J0.6-013   | CLOSED J0.7  |
| In PC/MMS conn mode, when<br>attempt to retrieve RST from<br>F1=GO TO of nonported<br>functions, varied results occur         | MMS-J0.6-014   | CLOSED J0.7  |
| In PC/MMS conn mode, when<br>attempt to retrieve RST from<br>System Access, LOG Menu<br>displayed                             | MMS-J0.6-015   | CLOSED J0.7  |

|  |                |              |
|--|----------------|--------------|
| In PC/MMS conn mode, when SF2 pressed to page through LSR report, comm error 4 msg displayed                     | MMS-J0.6-016-* | CLOSED J0.7  |
| In PC/MMS conn mode, when log retrieved from LSR report and SF5 to return to LSR, comm error 16 msg displayed    | MMS-J0.6-018-* | CLOSED J0.71 |
| In PC/MMS conn mode, in LDV, when no records found for selected valid. file, X remains                           | MMS-J0.6-019   | CLOSED J0.71 |
| In PC/MMS conn mode, OUT selection displayed on Main Menu; should only be displayed at FAA node                  | MMS-J0.6-020   | CLOSED J0.7  |
| In PC/MMS conn mode, in LAD, LFC, LFL, LLF, LST, LSM, LTE, when Comments screen retrieved, msg blinks; PC hangs  | MMS-J0.6-021-* | CLOSED J0.7  |
| In PC/MMS conn mode, in LUP, when valid LPM/LCE log uploaded, unresolved log results; LUP msg indicates no error | MMS-J0.6-022   | CLOSED J0.7  |
| In PC/MMS conn mode, when LSR report generated, ENTRY TYPE selection criteria ignored                            | MMS-J0.6-023   | CLOSED J0.7  |
| In PC/MMS conn mode, in LDP, all records that meet selection criteria not downloaded                             | MMS-J0.6-024-* | CLOSED J0.7  |
| In PC/MMS conn mode, PCPlus msg should be "Logging onto the MPS"   | MMS-J0.6-025   | CLOSED J0.7  |
| In PC/MMS conn mode, in LUP, logs previously downloaded and updated should be identified with MPS LOG ID         | MMS-J0.6-026   | CLOSED J0.7  |
| In PC/MMS conn mode, in LUP, when voided log uploaded, LOG ID NUMBER has incorrect sequence number               | MMS-J0.6-027   | CLOSED J0.7  |

|  |                |                  |
|--|----------------|------------------|
| In PC/MMS conn mode, access port LOG function, then nonported, then attempt LUT functions, error msg displayed | MMS-J0.6-028-* | CLOSED J0.7      |
| In PC/MMS conn mode, in LDL, F12 must be pressed 2 or 3 times to activate PREVIOUS & DEFAULT FILTER            | MMS-J0.6-030   | CLOSED J0.71 VDD |
| In PC/MMS conn mode, in LDV, when download interrupted second time, F10 label in function key area incorrect   | MMS-J0.6-031   | CLOSED J0.7      |
| In PC/MMS conn mode, in LDV, when download interrupted second time, menu bar, BEGIN, Begin Download incorrect  | MMS-J0.6-032   | CLOSED J0.7      |
| In PC/MMS conn mode, in LDV, when download completed, F10 label in function key area incorrect                 | MMS-J0.6-033   | CLOSED J0.7      |
| In PC/MMS conn mode, in LDV, when download completed, menu bar, BEGIN, Resume Download incorrect               | MMS-J0.6-034   | CLOSED J0.7      |
| In PC/MMS conn mode, in LDL, when download interrupted second time, F10 label in function key area incorrect   | MMS-J0.6-035   | CLOSED J0.7      |
| In PC/MMS conn mode, in LDL, when download interrupted second time, menu bar, BEGIN, Begin Download incorrect  | MMS-J0.6-036   | CLOSED J0.7      |
| In PC/MMS conn mode, in LDL, when download completed, F10 label in function key area incorrect                 | MMS-J0.6-037   | CLOSED J0.7      |
| In PC/MMS conn mode, in LDL, when download completed, menu bar, BEGIN, Resume Download incorrect               | MMS-J0.6-038   | CLOSED J0.7      |

|  |              |             |
|--|--------------|-------------|
| In PC/MMS conn mode, msg "Dis-Connect entries" should be "Local (disconnected) mode entries"           | MMS-J0.5-044 | CLOSED J0.6 |
| In PC/MMS conn mode, attempt to access MCS, OUT, RST exits PC/MMS and connects to MMS                  | MMS-J0.5-045 | CLOSED J0.7 |
| In PC/MMS conn mode, date selection criteria ignored when LSR report run a second time                 | MMS-J0.5-046 | CLOSED J0.6 |
| In PC/MMS conn mode, attempt to page through LSR report (Shift F2) causes TCP error                    | MMS-J0.5-047 | CLOSED J0.6 |
| In PC/MMS conn mode, attempt to retrieve LRM causes PC to hang   | MMS-J0.5-048 | CLOSED J0.7 |
| In PC/MMS conn mode, go to LSR, then F6. Attempt to repeat steps causes PC to hang                     | MMS-J0.5-049 | CLOSED J0.7 |
| In PC/MMS conn mode, on RST screen, none of user keystrokes displayed                                  | MMS-J0.5-050 | CLOSED J0.6 |
| In PC/MMS conn mode, on all Rep Gen/Dist screens, when F12 pressed, none of user keystrokes displayed  | MMS-J0.5-051 | CLOSED J0.6 |
| In PC/MMS conn mode, no ASY record for LIN record, logs uploaded OK (expected unresolved error msg)    | MMS-J0.5-052 | CLOSED N/A  |
| In PC/MMS conn mode, logs in error uploaded but msg displayed NO LOGS WERE UPLOADED IN ERROR           | MMS-J0.5-053 | CLOSED J0.6 |
| In PC/MMS conn mode, msg "Communications Error 1 - returning to Tandem" displayed when screen inactive | MMS-J0.5-054 | CLOSED J0.6 |
| In PC/MMS conn mode, when F1 pressed at Main Menu and unresolved logs, EMA screen displayed            | MMS-J0.5-055 | CLOSED J0.7 |

|   |              |              |
|---|--------------|--------------|
| In PC/MMS conn mode, after retrieve log from LSR report and press Shift F5, retrieve msg continues to blink     | MMS-J0.5-056 | CLOSED J0.6  |
| In PC/MMS conn mode, in LUP, after return from error handling screen, PC hangs                                  | MMS-J0.5-057 | CLOSED J0.6  |
| In PC/MMS conn mode, in LDV when download canceled (appears due to disk space), msg displayed is unclear        | MMS-J0.5-058 | CLOSED J0.7  |
| In PC/MMS conn mode, when request FEQ, FMO, FPS, FPF, FDS from AFA, ALF, or ARC, FFA screen displayed           | MMS-J0.5-059 | CLOSED J0.7  |
| In PC/MMS conn mode, when some val. records downloaded, FACILITY TYPE file may be incomplete                    | MMS-J0.5-060 | CLOSED J0.7  |
| In PC/MMS conn mode, in LDV, X should be default protected to left of FACILITY TYPE                             | MMS-J0.5-061 | CLOSED J0.71 |
| In PC/MMS conn mode, in LDV, meaning of column label "S" unclear  | MMS-J0.5-062 | CLOSED J0.71 |
| In PC/MMS conn mode, LDV Help screens should describe records downloaded  | MMS-J0.5-063 | CLOSED J0.7  |
| In PC/MMS conn mode, in LDL when future date entered, expected invalid date msg                                 | MMS-J0.5-064 | CLOSED J0.6  |
| In PC/MMS conn mode, in LDL Help screen, all required fields are not listed                                     | MMS-J0.5-065 | CLOSED J0.7  |
| In PC/MMS conn mode, in LDP when F10 pressed during PM CERTIFICATION STMTS download, msg displayed is truncated | MMS-J0.5-066 | CLOSED J0.7  |

|   |              |              |
|---|--------------|--------------|
| In PC/MMS conn mode, when other than Alt Shift F6 pressed to exit, msg "... DIASLOWED" should be "DISALLOWED" | MMS-J0.5-067 | CLOSED J0.71 |
|---|--------------|--------------|

PC/MMS LOCAL AND CONNECTED MODES

|  |              |              |
|--|--------------|--------------|
| In PC/MMS, local (except PASSWORD) and conn (ported) modes, none of password fields are cleared after invalid password entered | MMS-J0.7-036 | CLOSED J0.71 |
|--|--------------|--------------|

|  |              |              |
|--|--------------|--------------|
| In PC/MMS, both modes, on LOG, in Help for LUT, only three operations listed | MMS-J0.7-037 | CLOSED J0.71 |
|--|--------------|--------------|

|  |              |              |
|--|--------------|--------------|
| In PC/MMS, both modes, in LEQ, NEW-EQUIP-LOCATION Help missing line of text: WILL BE USED TO UPDATE THE EQUIPMENT LOCATION | MMS-J0.7-038 | CLOSED J0.71 |
|--|--------------|--------------|

|   |              |              |
|---|--------------|--------------|
| In PC/MMS, both modes, in LFC, log can be opened, continued, closed without entry in FAC STATUS field | MMS-J0.7-039 | CLOSED J0.71 |
|---|--------------|--------------|

|   |              |              |
|---|--------------|--------------|
| In PC/MMS, both modes, in LFC, when cursor at FAC STATUS field and Enter key pressed, cursor at STATUS DATE field | MMS-J0.7-040 | CLOSED J0.71 |
|---|--------------|--------------|

|   |              |              |
|---|--------------|--------------|
| In PC/MMS, both modes, in LFL, when cursor at AIRCRAFT NBR field and Enter key pressed, cursor at INSP STMT field | MMS-J0.7-041 | CLOSED J0.71 |
|---|--------------|--------------|

|   |              |              |
|---|--------------|--------------|
| In PC/MMS, both modes, in LLF, when cursor at UHF or VHF field and Enter key pressed, cursor at LFB field | MMS-J0.7-042 | CLOSED J0.71 |
|---|--------------|--------------|

|  |              |              |
|--|--------------|--------------|
| In PC/MMS, both modes, in LLF, when cursor at LFB, RSP, UVB field and Enter key pressed, cursor at P/S field | MMS-J0.7-043 | CLOSED J0.71 |
|--|--------------|--------------|

|  |              |                  |
|--|--------------|------------------|
| In PC/MMS, both modes, when LLF screen printed, extraneous characters on hard copy (e.g., / / and : :) | MMS-J0.7-044 | CLOSED J0.71 VDD |
|--|--------------|------------------|

|   |              |              |
|---|--------------|--------------|
| In PC/MMS, both modes, in LST, when cursor positioned at DEPARTURE DATE field and Enter key pressed, cursor at DEPARTURE TIME field | MMS-J0.7-045 | CLOSED J0.71 |
| In PC/MMS, both modes, in LST, if closed log used as template to add open LST log, must enter DEPARTURE DATE & DEPARTURE TIME       | MMS-J0.7-046 | CLOSED J0.71 |
| In PC/MMS, both modes, in LSR, when 00 - 42 (or no value) entered in START DATE year, error msg (differs from MMS)                  | MMS-J0.7-047 | CLOSED J0.71 |
| In PC/MMS, both modes, in LSR, in Help for AREA field, ATCT listed as valid but when entered, error msg                             | MMS-J0.7-048 | CLOSED J0.71 |
| In PC/MMS, both modes, in LTE, when cursor at EVAL TYPE field and Enter key pressed, cursor at EVAL STMT field                      | MMS-J0.7-049 | CLOSED J0.71 |
| In PC/MMS, both modes, in LUT, in menu bar, Help text under STATUS for PC/MMS Logging Utilities (LUT) includes only 3 utilities     | MMS-J0.7-050 | CLOSED J0.71 |
| In PC/MMS, both modes, in LUT and LUT functions, in menu bar, GO TO ... function, ADMINISTRATIVE misspelling                        | MMS-J0.7-051 | CLOSED J0.71 |
| In PC/MMS, both modes, in LIN, Help for MPS SITE includes invalid sites: ZSU, BDL, DEN, DTW, FAI, ICT, ORF, STL, ACTB               | MMS-J0.7-052 | CLOSED J0.71 |
| In PC/MMS, both modes, in LIN, if ZSU, BDL, DEN, DTW, FAI, ICT, ORF, STL, ACTB entered in MPS SITE, should get invalid msg          | MMS-J0.7-053 | CLOSED J0.71 |
| In PC/MMS both modes, in appl. LOG functions, when up arrow pressed at FAC/SERV, cursor position inconsistent                       | MMS-J0.6-039 | CLOSED N/A   |

|   |              |                |
|---|--------------|----------------|
| In PC/MMS both modes, in LSM, MAINTENANCE in screen title should be MAINTENANCE                                 | MMS-J0.6-040 | CLOSED J0.7    |
| In PC/MMS both modes, in LCO, function key labels should not be highlighted                                     | MMS-J0.6-041 | CLOSED J0.7    |
| In PC/MMS both modes, after LSR generated, Help "LSD Instant..." should be "LSR Instant ..."; MMA should be MMS | MMS-J0.6-042 | CLOSED J0.71   |
| In PC/MMS both modes, in LSR, Help for END DATE refers to nonexistent END TIME field                            | MMS-J0.6-043 | CLOSED J0.7    |
| In PC/MMS both modes, in LSR, Help for START DATE refers to nonexistent END TIME field                          | MMS-J0.6-044 | CLOSED J0.7    |
| In PC/MMS both modes, in LSR, Help for OPEN/CLOSE/BOTH refers to INCL VOID/DEL, but no delete function          | MMS-J0.6-045 | CLOSED J0.7    |
| In PC/MMS both modes, in LUT, LDL title should be LDL - LOGGING DOWNLOAD - LOGGING DATA                         | MMS-J0.6-046 | CLOSED J0.7    |
| In PC/MMS both modes, in LUT functions' screens, field SFO should be SUBSECTOR                                  | MMS-J0.6-047 | CLOSED J0.7 UM |
| In PC/MMS both modes, date, time, password required to add comments on Comments screen but only password in MMS | MMS-J0.6-048 | CLOSED J0.71   |
| In PC/MMS both modes, in LST, departure date/time required to continue log; not required in MMS                 | MMS-J0.6-049 | CLOSED J0.7    |
| In PC/MMS both modes, in LDL, INCL VOID/DEL should be INCL VOID   | MMS-J0.6-050 | CLOSED J0.7    |
| In PC/MMS both modes, in LDL, menu bar, BEGIN, Begin Download activated, data beneath BEGIN window displayed    | MMS-J0.6-051 | CLOSED J0.7    |

|   |              |                 |
|---|--------------|-----------------|
| In PC/MMS both modes, in LUT, LDV, LIN, menu bar, Help for GO TO LFC and GO TO ..., words truncated on screen   | MMS-J0.6-052 | CLOSED J0.71    |
| In PC/MMS both modes, in LUT, LIN, LDP, LDL, LDV, "ellipse" should be "ellipsis (...)"                          | MMS-J0.6-053 | CLOSED J0.7     |
| In PC/MMS both modes, menu bar, EXIT menu, in Help for GO TO     <F1>, add LDL and LDP to VALID ONLY FROM MDT   | MMS-J0.6-054 | CLOSED J0.7     |
| In PC/MMS both modes, in LUT and its functions, in Help for FUNCTION-CODE, delete and add functions to correct  | MMS-J0.6-056 | CLOSED J0.7     |
| In PC/MMS both modes, in LDL, Help for INCLUDE-VOID refers to DELETED RECORDS; no delete in MMS                 | MMS-J0.6-057 | CLOSED J0.7     |
| In PC/MMS both modes, sector and initials displayed in uppercase when Caps Lock key is off                      | MMS-J0.5-068 | CLOSED J0.7     |
| In PC/MMS both modes, using Alt F2 for full screen help does not allow data entry into field                    | MMS-J0.5-069 | CLOSED J0.7 VDD |
| In PC/MMS both modes, in LUT, SFO field is two characters; Help indicates one character                         | MMS-J0.5-070 | CLOSED J0.71    |
| In PC/MMS both modes, SF5 - Return not in function key area of LUT screens (except LIN), although available     | MMS-J0.5-071 | CLOSED J0.7     |
| In PC/MMS both modes, msg when LSR report generated and no logs retrieved, inconsistent in local vs. conn modes | MMS-J0.5-072 | CLOSED J0.6     |
| In PC/MMS both modes, MENU-BAR, GO TO function, update top message  | MMS-J0.5-073 | CLOSED J0.7     |

|   |              |                  |
|---|--------------|------------------|
| In PC/MMS both modes, MENU-BAR, GO TO function, LOG function names inconsistent with MMS names            | MMS-J0.5-074 | CLOSED J0.71     |
| In PC/MMS both modes, messages should be in uppercase letters for consistency with MMS                    | MMS-J0.5-075 | CLOSED J0.71 VDD |
| In PC/MMS both modes, in LUT functions, when using Print Screen from menu, menu box displayed on printout | MMS-J0.5-077 | CLOSED J0.7      |
| In PC/MMS local and conn for ported, when using Print Screen, no form feed after screen printed           | MMS-J0.5-078 | CLOSED N/A       |
| In PC/MMS both modes, in LDP, message incorrect when cursor positioned on Help in STATUS menu             | MMS-J0.5-079 | CLOSED J0.7      |
| In PC/MMS both modes, in LDL, message incorrect when cursor positioned on Help in STATUS menu             | MMS-J0.5-080 | CLOSED J0.7      |
| In PC/MMS both modes, in LDL, Help should include that log with most recent sequence number downloaded    | MMS-J0.5-081 | CLOSED J0.7      |
| In PC/MMS, in LUP, PC hangs when attempting to upload log with ID different than MPS                      | MMS-J0.5-082 | CLOSED J0.6      |

PC/MMS DOCUMENTATION

|   |              |                    |
|---|--------------|--------------------|
| In PC/MMS, when log on first time in local, error msg not displayed as stated in Software Installation & Operation Notes, C.2.7.d | MMS-J0.7-054 | CLOSED J0.71 & VDD |
| In PC/MMS Software Installation & Operation Notes, C.3.5, "accessed in read-only mode" is misleading                              | MMS-J0.7-055 | CLOSED J0.71 VDD   |

|  |              |                  |
|--|--------------|------------------|
| In PC/MMS Software Installation & Operation Notes, C.3.9, not stated that START DATE a required field in LDL | MMS-J0.7-056 | CLOSED J0.71 VDD |
| In MMS User's Manual, 5.4.1, add subparagraph to address stopping of logging data download process           | MMS-J0.6-060 | CLOSED J0.7 UM   |
| In MMS User's Manual, 5.4.3, add sentence regarding upload of logging records--must be in connected mode     | MMS-J0.6-061 | CLOSED J0.7 UM   |
| In MMS User's Manual, 5.4.3.4, add "In the local mode" before first word in first sentence                   | MMS-J0.6-063 | CLOSED J0.7 UM   |
| In MMS User's Manual, 5.4.3.4, append "from the LUP screen" to first sentence                                | MMS-J0.6-064 | CLOSED J0.7 UM   |
| In MMS User's Manual, 5.4.4, add sentence regarding download of valid. data--must be in connected mode       | MMS-J0.6-065 | CLOSED J0.7 UM   |
| In MMS User's Manual, 5.4.4, add paragraph to address stopping of validation data download process           | MMS-J0.6-067 | CLOSED J0.7 UM   |
| In MMS User's Manual, 5.4.4.3, insert "In the local or connected mode" before first word of first sentence   | MMS-J0.6-068 | CLOSED J0.7 UM   |
| In MMS User's Manual, 5.4.4.3, append "from the LDV screen" to "menu bar" in first sentence                  | MMS-J0.6-069 | CLOSED J0.7 UM   |
| In MMS User's Manual, 5.4.5, add sentence regarding download of PM/CERT ref. data--must be in connected mode | MMS-J0.6-070 | CLOSED J0.7 UM   |
| In MMS User's Manual, 5.4.5, add subparagraph to address stopping of PM/CERT reference data download process | MMS-J0.6-071 | CLOSED J0.7 UM   |

|  |              |                  |
|--|--------------|------------------|
| In MMS User's Manual, 5.4.6,<br>add sentence regarding<br>downloaded files may be<br>exported while in local or conn<br>mode | MMS-J0.6-072 | CLOSED J0.7 UM   |
| In MMS User's Manual, 5.4.7,<br>add sentence regarding exported<br>files may be imported while in<br>local or conn mode      | MMS-J0.6-073 | CLOSED J0.7 UM   |
| MMS User's Manual should<br>indicate local mode synonymous<br>with disconnected mode   | MMS-J0.5-030 | CLOSED J0.6 UM   |
| PC/MMS Inst & Oper Notes should<br>indicate local mode synonymous<br>with disconnected mode                                  | MMS-J0.5-031 | CLOSED J0.6 INST |
| PC/MMS Inst & Oper Notes, LUT<br>screen name references should<br>be consistent with application                             | MMS-J0.5-032 | CLOSED J0.71 VDD |
| LIN only described in PC/MMS<br>Inst & Oper Notes. Should LIN<br>be documented in User's and/or<br>SAG?                      | MMS-J0.5-034 | CLOSED J0.6 SAG  |
| Add info on DOS files to User's<br>Manual to facilitate cleanup<br>maintenance   | MMS-J0.5-035 | CLOSED N/A       |
| In LDL section of User's<br>Manual, emphasize only log with<br>most recent sequence number<br>downloaded                     | MMS-J0.5-036 | CLOSED J0.7 UM   |