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FINAL

NAS OPERATIONAL TEST AND EVALUATION INTEGRATION OF THE MAINTENANCE MANAGEMENT SYSTEM (MMS) VERSIONS A04.02/A04.03 PC/MMS VERSION J0.6

LETTER OF FINDINGS

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1. INTRODUCTION.

This Letter of Findings (LOF) details the results of the ACN-100D NAS Operational Test and Evaluation Integration of the Maintenance Management System (MMS), versions A04.02/A04.03 and PC/MMS, version J0.6. ACN-100D conducted no testing of version A04.01, since version A04.02 was released one week after A04.01 to correct problems with A04.01. Testing of version A04.02 commenced on September 14 and continued until mid-October, when version A04.03 was released. ACN-100D continued testing with version A04.03 (i.e., no previously conducted tests were repeated), since version A04.03 comprised only MMS modifications specific to the General NAS Maintenance Control Center (GMCC) software. The Version Description Document (VDD) for version A04.01 was used for testing, since versions A04.02 and A04.03 comprised modifications that did not change the baseline functionality of A04.01.

1.1 PURPOSE.

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

a. The MMS meets the functional requirements defined in NAS-SS-1000 and the MMS Software Requirements Specification;

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

c. Security access levels and interface components have been implemented as described in the Version Description Document for the Maintenance Management System (Version A04.01) of RMMS Maintenance Processor Subsystem, August 31, 1992, Unisys/VNTSC;

d. The PC/MMS has been implemented as described in the Version Description Document for the Maintenance Management System (Version A04.01) of RMMS Maintenance Processor Subsystem, August 31, 1992, Unisys/VNTSC and in the PC/MMS Software Installation and Operation Notes (Version J0.6), August 31, 1992, Unisys/VNTSC; and

e. Software modifications to correct problems detailed in the Program Technical Reports (PTRs) for version A04.01 and other software modifications have been implemented as described in the Version Description Document for the Maintenance Management System (Version A04.01) of RMMS Maintenance Processor Subsystem, August 31, 1992, Unisys/VNTSC.

1.2 DATE.

NAS OT&E Integration testing was conducted from September 14 through December 2, 1992.

1.3 LOCATION.

ACN-100D conducted the NAS OT&E Integration of the MMS on the ACN-100D Tandem TXP Maintenance Processor Subsystem (MPS) and the AOS-350 Tandem CLX MPS and

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

1.4 PARTICIPANTS.

Frances Bayne (ACN-100D), Ed Palka (CTA), and Gina Kugel (CTA) conducted the NAS OT&E Integration testing.

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. Table 4-1 follows the test results and recommendations for the versions under test and lists the open and closed exceptions identified by ACN-100D during past and present test efforts.

2. MMS VERSIONS A04.02/A04.03 INTEGRATION TEST RESULTS AND RECOMMENDATIONS.

2.1 MMS VERSIONS A04.02/A04.03 RESULTS.

2.1.1 Administration Subsystem.

A user who modifies (SF9) any field of their Access ID Maintenance (ACC) record will unknowingly delete the password in the MAIL PASSWORD field. This problem was reported to Calista Hillman, Unisys, on 11/20/92.

This is a major exception. Exception ID: MMS-A04.03-001-*

2.1.2 Personnel Certification and Training Subsystem.

The leading zero in the ZIP field on the Establish and Maintain Personnel Profile (PPA) screen should be displayed. This problem was reported to Unisys via the MMS Hotline on 11/20/92.

This is a minor exception. Exception ID: MMS-A04.03-002

2.2 ADDITIONAL COMMENTS TO A04 EXCEPTION.

2.2.1 Report Generation/Distribution Subsystem.

In REP, the REPORT PROCESSING message remains on the Report Generation screen after a report is generated.

This is a minor exception. Exception ID: MMS-A04-017

According to Calista Hillman of Unisys, MMS was designed this way, based on field personnel who requested that the Report Generation screen remain the same as it was prior to generating a report. ACN-100D agrees that the selection criteria area of the Report Generation screen should remain the same but questions only the accuracy of displaying the REPORT PROCESSING message.

2.3 MMS VERSIONS A04.02/A04.03 RECOMMENDATIONS.

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

3. PC/MMS VERSION J0.6 INTEGRATION TEST RESULTS AND RECOMMENDATIONS.

3.1 PC/MMS VERSION J0.6 INTEGRATION TEST RESULTS.

NOTE: In section 5.4, Known Problems/Errors, of the PC/MMS Software Version J0.6 Installation and Operation Notes, it is stated that the download of the Facility Authorization records function should not be selected. Therefore, no testing related to the use of these validation records could be performed.

3.1.1 Local Mode.

a. In the local mode, when no validation files have been downloaded and a log is added, the message "*** DATABASE NOT PRESENT ***; F1=ABORT, F8=ADD ANYWAY" is displayed. If F8 is pressed, the PC will beep. F8 must be pressed again for the add to take place. This problem was reported to Unisys via the MMS Hotline on 10/5/92. This problem was also submitted to Unisys via the ACN-100D Informal Test Results on 11/16/92.

This is a minor exception. Exception ID: MMS-J0.6-003

b. In the local mode, in LDP, the EXPORT function does not properly save the PM data. The directory created on the selected drive uses the subdirectory identifier entered by the user and adds an extension of .LDL instead of the correct extension of .LDP. The files saved in this directory are not the PM files but the files that the LDL export would save (i.e., LOGGING.MDT and DL_AUDIT.LDL). Since the PM data is not exported properly, the IMPORT will not find the required directory and files. This problem was reported to Unisys via the MMS Hotline on 11/6/92. This problem was also submitted to Unisys via the ACN-100D Informal Test Results on 11/16/92.

This is a major exception. Exception ID: MMS-J0.6-004-*

c. When a downloaded LST log is retrieved in the local mode, the ARRIVAL DATE is not displayed. This problem was reported to Unisys via the MMS

Hotline on 10/14/92. This problem was also submitted to Unisys via the ACN-100D Informal Test Results on 11/16/92.

This is a minor exception. Exception ID: MMS-J0.6-005

d. In the local mode, in LDL, the IMPORT function does not always work properly. If the IMPORT function is executed immediately after logging on, the IMPORT function appears to work properly. However, if, for example, an LSR report is generated, and then the IMPORT function is executed, and a second LSR report is generated, the LSR report displays logs from the previous LSR report instead of the newly imported logs. The message displayed on this LSR report screen is NO RECORDS SELECTED FOR CRITERIA ENTERED. In addition, when F1 is pressed to retrieve one of these logs, the log appears to be partially retrieved (i.e., some of the fields have correct data), and the message displayed on the log screen is LOG RECORD NOT FOUND. If a third LSR report is generated with different selection criteria (e.g., REGION and SECTOR were blank on the second LSR; region and sector codes are entered on the third LSR), then the newly imported logs will be displayed. Alternatively, after the second LSR report is generated, if the user ends the session (i.e., presses SF16) and then types LOCAL to begin another session, the newly imported logs will be displayed on the LSR report. This problem was reported to Unisys via the MMS Hotline on 12/2/92.

This is a minor exception. Exception ID: MMS-J0.6-006

e. In the local mode, the SFO field on the LIN screen is comprised of two digits. However, when an LSR screen is retrieved, the SFO field appears to be default-filled with the first digit of the SFO from the LIN screen. The default should be the second digit. For example, an LIN screen with an SFO of "05" appears to cause the SFO field on the LSR screen to be incorrectly default-filled with "0". This problem was reported to Unisys via the MMS Hotline on 12/2/92.

This is a minor exception. Exception ID: MMS-J0.6-007

f. In the local mode, when F6 (LOGOFF) is pressed after logging on seven times, the message "Unable to open file - VERSION.ID" is displayed. This problem was reported to Unisys via the MMS Hotline on 12/2/92.

This is a minor exception. Exception ID: MMS-J0.6-008

g. In the local mode, when the LOG and PMS screens are retrieved, the OTHER MMS SUBSYSTEMS area information of the screen is not displayed. However, when the LOG and PMS screens are printed, the OTHER MMS SUBSYSTEMS area information is on the hard copy. This problem was reported to Unisys via the MMS Hotline on 12/2/92.

This is a minor exception. Exception ID: MMS-J0.6-009

h. In the local mode, when F5 (ALARM) is pressed from the LOG or PMS screen, a message box is displayed with text under the box that appears to be part of the OTHER MMS SUBSYSTEMS area information. This area of the screen is

blank when the message box is not displayed. This problem was reported to Unisys via the MMS Hotline on 12/2/92.

This is a minor exception. Exception ID: MMS-J0.6-010

3.1.2 Connected Mode.

a. In the connected mode, when LIN is entered in the F1 = ENTER field of the System Access screen and F1 is pressed, the LOG Menu screen is displayed instead of the Logging Identification screen. This problem was reported to Unisys via the MMS Hotline on 10/5/92. This problem was also submitted to Unisys via the ACN-100D Informal Test Results on 11/16/92.

This is a minor exception. Exception ID: MMS-J0.6-011

b. In the connected mode, when an attempt is made to retrieve the PMD, PSM, PSR or PXR functions from the Main Menu screen, the PC hangs. These functions may be retrieved if their three-letter identifier is entered in the F1 = GO TO field of the PCT function. This problem was submitted to Unisys via the ACN-100D Informal Test Results on 11/16/92. This problem was also reported to Unisys via the MMS Hotline on 11/25/92.

This is a major exception. Exception ID: MMS-J0.6-012-*

c. In the connected mode, when an attempt is made to retrieve the PMD, PSM, PSR, or PXR functions from the Security Access screen, the LOG Menu screen is displayed. This problem was submitted to Unisys via the ACN-100D Informal Test Results on 11/16/92. This problem was also reported to Unisys via the MMS Hotline on 11/25/92.

This is a minor exception. Exception ID: MMS-J0.6-013

d. In the connected mode, when an attempt is made to retrieve the RST function from the F1 = GO TO field of non-ported functions, varied results occur. The Main Menu screen will be displayed when RST is entered into the F1 = GO TO field of the following functions: ADM, AAR, AFA, ACC, ALF, ARC, ASY, NPR, NPT, NSR, NFA, NHD, NSP, FSE, FFA, FEQ, FMO, FPS, FPF, FDS, PMS, PMM, PMT, PMC, TEC, TET, TEI, TCR, TCM, TCS, TSP, PCT, PAR, PGA, PRC, PRR, PTE, PCR, PCS, and PPA. In addition, the Main Menu screen will be displayed when RST is entered into the F1 = GO TO field of the following functions, as long as the PCT function is first retrieved before going to these functions: PMD, PSM, PSR, PXR. The RST function will be retrieved correctly when RST is entered into the F1 = GO TO field of the following functions: RGD, REP, RNP, RPC, and RTE. This problem was reported to Unisys via the MMS Hotline on 10/5/92. This problem was also submitted to Unisys via the ACN-100D Informal Test Results on 11/16/92.

This is a minor exception. Exception ID: MMS-J0.6-014

e. In the connected mode, when an attempt is made to retrieve the RST function from the System Access screen, the LOG Menu screen is displayed. This problem was reported to Unisys via the MMS Hotline on 10/5/92. This

problem was also submitted to Unisys via the ACN-100D Informal Test Results on 11/16/92.

This is a minor exception. Exception ID: MMS-J0.6-015

f. In the connected mode, when SF2 is pressed to page through an LSR report, the message "Comm Error 4: MDT failed to Receive buffer after 5 tries" is displayed. This problem was reported to Unisys via the MMS Hotline on 10/5/92. This problem was also submitted to Unisys via the ACN-100D Informal Test Results on 11/16/92.

This is a major exception. Exception ID: MMS-J0.6-016-*

g. In the connected mode, in LUP, when a log in error is corrected at the error-handling screen and the upload is completed, the message displayed indicates that the log is still uploaded in error. When an LSR report is generated with a "?" in the TC field, the log is not displayed as unresolved. ACN-100D recommends that the message displayed when upload is complete reflect only the number of unresolved logs. This problem was reported to Unisys via the MMS Hotline on 10/5/92. This problem was also submitted to Unisys via the ACN-100D Informal Test Results on 11/16/92.

This is a minor exception. Exception ID: MMS-J0.6-017

h. In the connected mode, after an LSR report is generated and F1 is pressed to retrieve a log from the report, when SF5 (RETURN) is pressed to return to the LSR report, the message "Comm Error 16: Unexpected data received in 97 loop" is displayed. This problem occurs intermittently. This problem was reported to Unisys via the MMS Hotline on 10/5/92. This problem was also submitted to Unisys via the ACN-100D Informal Test Results on 11/16/92.

This is a major exception. Exception ID: MMS-J0.6-018-*

i. In the connected mode, as the download is completed for each validation file using the LDV function, the X that is to the left of the selected validation file is deleted. However, when a validation file is selected and no records are found for download, the X remains. ACN-100D recommends that the X be deleted when processing of each selected request is completed, even when no records are found for download. This problem was reported to Unisys via the MMS Hotline on 10/5/92. This problem was also submitted to Unisys via the ACN-100D Informal Test Results on 11/16/92.

This is a minor exception. Exception ID: MMS-J0.6-019

j. In the connected mode, the OUT - OUTAGE REPORTING selection should not be displayed on the Main Menu screen for nodes other than FAA. This problem was reported to Unisys via the MMS Hotline on 10/5/92. This problem was also submitted to Unisys via the ACN-100D Informal Test Results on 11/16/92.

This is a minor exception. Exception ID: MMS-J0.6-020

k. In the connected mode, an error occurs when SF8 (COMMENTS) is pressed after a log is added in the following functions: LAD, LFC, LFL, LLF, LST, LSM, and LTE. The COMMENTS screen is retrieved, but the message RETRIEVING LOG RECORD continues to blink and the PC hangs. In addition, after approximately two minutes, the message "Comm Error 6: Timed out waiting for STX from MPS on Receive" is displayed followed by a return to the DOS prompt. This problem was reported to Bob Hobbs, Unisys, on 10/9/92. This problem was also submitted to Unisys via the ACN-100D Informal Test Results on 11/16/92.

This is a major exception. Exception ID: MMS-J0.6-021-*

l. In the connected mode, in LUP, when a valid LPM or LCE log is uploaded, an unresolved log results. This occurs when the log is added in the local mode or downloaded, and an update is made in the local mode which increases the sequence number of the log. The log must include a short name and an equip ident for this condition to occur. Also, there was no equipment record for the short name and equip ident used during the test. After the upload is completed, the message on the LUP screen indicates that the log was uploaded without error. However, when an LSR report is generated, the log has a "?" in the TC field. This problem was reported to Unisys via the MMS Hotline on 10/14/92. This problem was also submitted to Unisys via the ACN-100D Informal Test Results on 11/16/92.

This is a minor exception. Exception ID: MMS-J0.6-022

m. In the connected mode, when a Log Summary report is generated, the ENTRY TYPE selection criteria is ignored. This problem was reported to Unisys via the MMS Hotline on 10/14/92. This problem was also submitted to Unisys via the ACN-100D Informal Test Results on 11/16/92.

This is a minor exception. Exception ID: MMS-J0.6-023

n. In the connected mode, in LDP, all of the records that meet the selection criteria are not downloaded. Only the first record of the PM CERTIFICATION STMTS and PM TASK GLOSSARY-REFS is downloaded. This problem was reported to Bob Hobbs, Unisys, on 10/9/92. This problem was also submitted to Unisys via the ACN-100D Informal Test Results on 11/16/92.

This is a major exception. Exception ID: MMS-J0.6-024-*

o. In the connected mode, after entering CONNECT, the Procomm Plus screen is displayed with the message "Logging onto the Tandem." This message should be replaced with "Logging onto the MPS." This problem was submitted to Unisys via the ACN-100D Informal Test Results on 11/16/92.

This is a minor exception. Exception ID: MMS-J0.6-025

p. In the connected mode, in LUP, during the upload of logs that were previously downloaded and updated, the logs are identified with a TANDEM LOG ID. ACN-100D recommends that TANDEM LOG ID be replaced with MPS LOG ID. This

problem was submitted to Unisys via the ACN-100D Informal Test Results on 11/16/92.

This is a minor exception. Exception ID: MMS-J0.6-026

q. In the connected mode, in LUP, when a voided log is uploaded, its LOG ID NUMBER at the top of the LUP screen is displayed with a sequence number of "(<x+1> OF <x>)" where x is the last sequence number of the log. For example, the log ID number of a voided log after upload is displayed as LOG ID NUMBER: ZKC 92 573 (3 OF 2). This problem was reported to Unisys via the MMS Hotline on 11/6/92. This problem was also submitted to Unisys via the ACN-100D Informal Test Results on 11/16/92.

This is a minor exception. Exception ID: MMS-J0.6-027

r. In the connected mode, when a ported LOG function is accessed and then a non-ported function is accessed, and then an attempt is made to access LUT or any of its functions, the message REQUESTED FUNCTION NOT AVAILABLE OR INVALID is displayed. This problem was reported to Unisys via the MMS Hotline on 10/5/92. This problem was also submitted to Unisys via the ACN-100D Informal Test Results on 11/16/92.

This is a major exception. Exception ID: MMS-J0.6-028-*

s. In the connected mode, in LDL, when a B is entered in the OPEN/CLOSE/BOTH field, the date entered in the START DATE field restricts the download only to those closed records with an open/entry date on or after the start date. All open records are downloaded; that is, the start date is ignored for open records. When an LSR report is generated with the same selection criteria as the LDL, only open and closed records with an open/entry date on or after the start date are displayed. This problem was submitted to Unisys via the ACN-100D Informal Test Results on 11/16/92.

This is a minor exception. Exception ID: MMS-J0.6-029

t. In the connected mode, in LDL, F12 must be pressed two or three times to activate the PREVIOUS FILTER or DEFAULT FILTER function. This problem was submitted to Unisys via the ACN-100D Informal Test Results on 11/16/92.

This is a minor exception. Exception ID: MMS-J0.6-030

u. In the connected mode, in LDV, after a download is interrupted a second time, the label for F10 in the function key area is F10=BEGIN DOWNLOAD. It should be F10=RESUME DOWNLOAD. This problem occurs after all following interruptions. This problem was submitted to Unisys via the ACN-100D Informal Test Results on 11/16/92.

This is a minor exception. Exception ID: MMS-J0.6-031

v. In the connected mode, in LDV, after a download is interrupted a second time, the function label under the BEGIN menu of the menu bar is Begin

Download. It should be Resume Download. This problem occurs after all following interruptions.

This is a minor exception. Exception ID: MMS-J0.6-032

w. In the connected mode, in LDV, when a download is completed successfully, the label for F10 in the function key area is F10=RESUME DOWNLOAD. It should be F10=BEGIN DOWNLOAD. This problem was submitted to Unisys via the ACN-100D Informal Test Results on 11/16/92.

This is a minor exception. Exception ID: MMS-J0.6-033

x. In the connected mode, in LDV, when a download is completed successfully, the function label under the BEGIN menu of the menu bar is Resume Download. It should be Begin Download.

This is a minor exception. Exception ID: MMS-J0.6-034

y. In the connected mode, in LDL, after a logging download is interrupted a second time, the label for F10 in the function key area is F10=BEGIN DOWNLOAD. It should be F10=RESUME DOWNLOAD. This problem occurs after all following interruptions.

This is a minor exception. Exception ID: MMS-J0.6-035

z. In the connected mode, in LDL, after a logging download is interrupted a second time, the function label under the BEGIN menu of the menu bar is Begin Download. It should be Resume Download. This problem occurs after all following interruptions.

This is a minor exception. Exception ID: MMS-J0.6-036

aa. In the connected mode, in LDL, when a logging download is completed successfully, the label for F10 in the function key area is F10=RESUME DOWNLOAD. It should be F10=BEGIN DOWNLOAD. This problem was reported to Unisys via the MMS Hotline on 12/2/92.

This is a minor exception. Exception ID: MMS-J0.6-037

ab. In the connected mode, in LDL, when a logging download is completed successfully, the function label under the BEGIN menu of the menu bar is Resume Download. It should be Begin Download. This problem was reported to Unisys via the MMS Hotline on 12/2/92.

This is a minor exception. Exception ID: MMS-J0.6-038

3.1.3 Local and Connected Modes.

a. In the local and connected modes, when applicable logging function screens are initially accessed, the cursor is positioned at the FAC/SERV field. When the up arrow key is pressed, with the exception of the LLF screen, the cursor is positioned at the MPS site field of the LOG ID NUMBER

field. On the LLF screen, when the up arrow is pressed at the FAC/SERV field, the cursor is positioned at the TICKET NO field. PC/MMS is not consistent with MMS. Upon accessing applicable logging functions in MMS, the cursor is positioned at the FAC/SERV field. When the up arrow key is pressed, the cursor is positioned at the sequence number field of the LOG ID NUMBER field. ACN-100D recommends that, when the up arrow is pressed, the cursor be positioned at the third subfield (immediately after year subfield) of the LOG ID NUMBER field. In addition, cursor positioning should be consistent in both MMS and PC/MMS. This problem was submitted to Unisys via the ACN-100D Informal Test Results on 11/16/92.

This is a minor exception. Exception ID: MMS-J0.6-039

b. In the local and connected modes, in LSM, the screen title SPECIAL MAINTENENCE PROJECTS should be SPECIAL MAINTENANCE PROJECTS. This problem was reported to Unisys via the MMS Hotline on 11/6/92. This problem was also submitted to Unisys via the ACN-100D Informal Test Results on 11/16/92.

This is a minor exception. Exception ID: MMS-J0.6-040

c. In the local and connected modes, in LCO, all of the function key labels are highlighted, with the exception of F1 - GO TO. Function key labels are not highlighted on any other screen. This problem was reported to Unisys via the MMS Hotline on 11/6/92. This problem was also submitted to Unisys via the ACN-100D Informal Test Results on 11/16/92.

This is a minor exception. Exception ID: MMS-J0.6-041

d. In the local and connected modes, after an LSR report is generated, the Help text may be retrieved by positioning the cursor in the far left column of the report screen and pressing F2. The title "LSD Instant Help Information" should be replaced by "LSR Instant Help Information". Also, the sentence in the description, MMA WILL AUTOMATICALLY TAKE YOU TO THE LOGGING SCREEN, should be replaced by MMS WILL AUTOMATICALLY TAKE YOU TO THE LOGGING SCREEN. This problem was reported to Unisys via the MMS Hotline on 11/6/92. This problem was also submitted to Unisys via the ACN-100D Informal Test Results on 11/16/92.

This is a minor exception. Exception ID: MMS-J0.6-042

e. In the local and connected modes, in LSR, the Help text for the END DATE field (i.e., END-DATE) refers to a START and END DATE/TIME parameter. There is no END TIME field on the LSR screen. This problem was reported to Unisys via the MMS Hotline on 11/6/92. This problem was also submitted to Unisys via the ACN-100D Informal Test Results on 11/16/92.

This is a minor exception. Exception ID: MMS-J0.6-043

f. In the local and connected modes, in LSR, the Help text for the START DATE field (i.e., START-DATE) refers to an END DATE/TIME parameter. There is no END TIME field on the LSR screen. This problem was reported to Unisys via

the MMS Hotline on 11/6/92. This problem was also submitted to Unisys via the ACN-100D Informal Test Results on 11/16/92.

This is a minor exception. Exception ID: MMS-J0.6-044

g. In the local and connected modes, in LSR, the Help text for the OPEN/CLOSE/BOTH field refers to an 'INCL VOID/DEL' SEARCH PARAMETER. The field name is INCL VOID. This problem was reported to Unisys via the MMS Hotline on 11/6/92. This problem was also submitted to Unisys via the ACN-100D Informal Test Results on 11/16/92.

This is a minor exception. Exception ID: MMS-J0.6-045

h. In the local and connected modes, the title for the LDL function on the LUT screen is LDL = LOGGING DOWNLOAD - LOGGING. However, the title of the LDL screen is LOGGING DOWNLOAD - LOGGING DATA. The LUT screen and the MMS User's Manual, paragraph 5.4, figure 5-5, should be corrected to LDL = LOGGING DOWNLOAD - LOGGING DATA. This problem was reported to Unisys during an informal meeting on 11/16/92.

This is a minor exception. Exception ID: MMS-J0.6-046

i. In the local and connected modes, the LUT functions' screens include the field SFO. The Help text in MMS for the COST-CENTER and USER-DEFAULT-SECTOR indicates that the fifth character of the cost center code designates the subsector (e.g., headquarters, field office, field unit). For consistency with MMS, and since this character is not used solely to designate a sector field office, ACN-100D recommends that the field be labeled SUBSECTOR. This problem was reported to Unisys during an informal meeting on 11/16/92.

This is a minor exception. Exception ID: MMS-J0.6-047

j. In the local and connected modes, after a log is added (F8) and comments are entered on the Comments screen (SF8, F8), the date, time, and password are required. However, in MMS only the password is required to add comments on the Comments screen. This problem was reported to Unisys via the MMS Hotline on 12/2/92.

This is a minor exception. Exception ID: MMS-J0.6-048

k. In the local and connected modes, an LST log can not be continued (C in ACTION field) without entering a DEPARTURE DATE and DEPARTURE TIME. However, in MMS, an LST log can be continued without entering a DEPARTURE DATE and DEPARTURE TIME. The DEPARTURE-DATE-TIME Help text states "DEPARTURE-DATE-TIME MUST BE ENTERED FOR A CLOSED LOG ENTRY". This problem was reported to Unisys via the MMS Hotline on 12/2/92.

This is a minor exception. Exception ID: MMS-J0.6-049

l. In the local and connected modes, in LDL, the field INCL VOID/DEL should be INCL VOID. This problem was reported to Unisys via the MMS Hotline on 12/2/92.

This is a minor exception. Exception ID: MMS-J0.6-050

m. In the local and connected modes, in LDL, in the menu bar, under the BEGIN menu, when the Begin Download function is highlighted and the Enter key is pressed, and (only in the local mode) the Enter key is pressed at the warning message, the data beneath the BEGIN menu window is displayed within the BEGIN menu window. This problem was reported to Unisys via the MMS Hotline on 12/2/92.

This is a minor exception. Exception ID: MMS-J0.6-051

n. In the local and connected modes, in the Help text for STATUS from the menu bar for LUT, LDV, LIN and in the Help text for GO TO LFC from the menu bar for the GO TO ... function, some words appear to be truncated at the right margin. However, these words are not truncated; they are longer than the right margin of the screen display. Although cumbersome, the entire word may be seen by pressing the End or Right Arrow key. ACN-100D recommends that the Help text be completely visible on the screen display.

This is a minor exception. Exception ID: MMS-J0.6-052

o. In the local and connected modes, in the Help text for STATUS from the menu bar for LUT, LIN, LDP, LDL, and LDV, the word "ellipse" should be "ellipsis (...)".

This is a minor exception. Exception ID: MMS-J0.6-053

p. In the local and connected modes, in the Help text for GO TO <LUT, LUP, LDL, LDV, LIN> (i.e., GO TO ||| <F1>) from the menu bar, EXIT menu, add LDL and LDP to the list of functions VALID ONLY FROM MDT.

This is a minor exception. Exception ID: MMS-J0.6-054

q. In the local and connected modes, in the Help text for F1=GO TO (i.e., FUNCTION-CODE) from the function key area of LOG, PMS, and their functions, add LDL and LDP to the list of functions VALID ONLY FROM MDT.

This is a minor exception. Exception ID: MMS-J0.6-055

r. In the local and connected modes, in the Help text for F1=GO TO (i.e., FUNCTION-CODE) from the function key area of LUT and its functions, FSU and APR should be deleted. LIN, LUP, and LUT should be listed under VALID ONLY FROM MDT. LDV, LDL, and LDP should be added to this VALID ONLY FROM MDT list. NPR, PCT, TEC, OUT, and their functions should be added. RGD, RNP, RPC, RST, and RTE should be added.

This is a minor exception. Exception ID: MMS-J0.6-056

s. In the local and connected modes, in LDL, the Help text for the INCL VOID/DEL field (i.e., INCLUDE-VOID) refers to DELETED RECORDS. However, there is no function in MMS to delete records.

This is a minor exception. Exception ID: MMS-J0.6-057

t. In the local and connected modes, the following screens have blank spaces around the equals sign (=) in the function key area of the screen: Main Menu, LOG, LSR, PMS, and PMC. ACN-100D recommends that the spaces around the equals sign in the function key area of all screens be deleted.

This is a minor exception. Exception ID: MMS-J0.6-058

3.1.4 PC/MMS Section of MMS User's Manual.

a. According to 5.4.1 of the MMS User's Manual, "When LDL is initially displayed, the parameters from the previous download, if they exist, are displayed." This does not occur in connected mode. When LDL is initially displayed after a download, the default parameters are displayed. In order to display the parameters from the previous download, F12 (PREVIOUS FILTER) must be pressed. This problem was reported to Unisys during an informal meeting on 11/16/92.

This is a minor exception. Exception ID: MMS-J0.6-059

b. A subparagraph should be added to paragraph 5.4.1 of the MMS User's Manual (e.g., 5.4.1.3) which addresses stopping of the logging data download process. This problem was reported to Unisys during an informal meeting on 11/16/92.

This is a minor exception. Exception ID: MMS-J0.6-060

c. A sentence should be added to paragraph 5.4.3 of the MMS User's Manual which states that uploading of logging records can only take place while operating the PC/MMS application in the connected mode. This problem was reported to Unisys during an informal meeting on 11/16/92.

This is a minor exception. Exception ID: MMS-J0.6-061

d. A subparagraph should be added to paragraph 5.4.3 of the MMS User's Manual (e.g., 5.4.3.3) which addresses stopping of the logging upload process. This problem was reported to Unisys during an informal meeting on 11/16/92.

This is a minor exception. Exception ID: MMS-J0.6-062

e. The phrase "In the local mode" should be inserted before the first word of the first sentence of paragraph 5.4.3.4 of the MMS User's Manual. This problem was reported to Unisys during an informal meeting on 11/16/92.

This is a minor exception. Exception ID: MMS-J0.6-063

f. The phrase "from the LUP screen" should be appended to the first sentence of paragraph 5.4.3.4 of the MMS User's Manual. This problem was reported to Unisys during an informal meeting on 11/16/92.

This is a minor exception. Exception ID: MMS-J0.6-064

g. A sentence should be added to paragraph 5.4.4 of the MMS User's Manual which states that downloading of logging reference and validation data can only take place while operating the PC/MMS application in the connected mode. This problem was reported to Unisys during an informal meeting on 11/16/92.

This is a minor exception. Exception ID: MMS-J0.6-065

h. A sentence or paragraph should be appended to paragraph 5.4.4 which addresses the previous download results section of the LDV screen.

This is a minor exception. Exception ID: MMS-J0.6-066

i. A subparagraph should be added to paragraph 5.4.4 of the MMS User's Manual (e.g., 5.4.4.3) which addresses stopping of the logging reference and validation data download process. This problem was reported to Unisys during an informal meeting on 11/16/92.

This is a minor exception. Exception ID: MMS-J0.6-067

j. The phrase "In the local or connected mode" should be inserted before the first word of the first sentence of paragraph 5.4.4.3 of the MMS User's Manual. This problem was reported to Unisys during an informal meeting on 11/16/92.

This is a minor exception. Exception ID: MMS-J0.6-068

k. The phrase "from the LDV screen" should be appended to "menu bar" in the first sentence of paragraph 5.4.4.3 of the MMS User's Manual. This problem was reported to Unisys during an informal meeting on 11/16/92.

This is a minor exception. Exception ID: MMS-J0.6-069

l. A sentence should be added to paragraph 5.4.5 of the MMS User's Manual which states that downloading of PM/CERT reference data records can only take place while operating the PC/MMS application in the connected mode. This problem was reported to Unisys during an informal meeting on 11/16/92.

This is a minor exception. Exception ID: MMS-J0.6-070

m. A subparagraph should be added to paragraph 5.4.5 of the MMS User's Manual (e.g., 5.4.5.3) which addresses stopping of the PM/CERT reference data download process. This problem was reported to Unisys during an informal meeting on 11/16/92.

This is a minor exception. Exception ID: MMS-J0.6-071

n. A sentence should be added to paragraph 5.4.6 of the MMS User's Manual which states that downloaded files may be exported while operating the PC/MMS application in the local or connected mode. This problem was reported to Unisys during any informal meeting on 11/16/92.

This is a minor exception. Exception ID: MMS-J0.6-072

o. A sentence should be added to paragraph 5.4.7 of the MMS User's Manual which states that exported files may be imported while operating the PC/MMS application in the local or connected mode. This problem was reported to Unisys during an informal meeting on 11/16/92.

This is a minor exception. Exception ID: MMS-J0.6-073

3.2 PC/MMS VERSION J0.6 RECOMMENDATIONS.

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.

4. ACN-100D OPEN AND CLOSED EXCEPTIONS.

Table 4-1 lists the open and closed exceptions 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 4-1. ACN-100D MMS AND PC/MMS EXCEPTIONS REPORT

DESCRIPTION OF EXCEPTION	EXCEPTION ID	CURRENT STATUS
MMS/IMCS INITIALIZATION/LOADING TEST		
COBOL85 run-time library not installed on \ACTA MPS	MMS-A03.4-001	CLOSED A03.4
MMS SECURITY TEST		
Sector and Initials remain on screen when access IMCS and press F6 to log off	MMS-A04-001	OPEN

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	OPEN

MMS ADMINISTRATION SUBSYSTEM TEST

When ACC record modified, MAIL PASSWORD deleted	MMS-A04.03-001-*	OPEN

MMS LOGGING ACTIVITY SUBSYSTEM TEST

Inconsistent messages displayed when user retrieves records	MMS-A03.2-001	OPEN
Displayed time not current system time upon return to Logging Menu screen	MMS-A03.3-001	CLOSED A04
In LEM date can be entered in ORDERED field greater than date in RECEIVED field	MMS-A04-006	OPEN
In LLF error message, incorrect spelling of FEILD(S)	MMS-A04-007	OPEN
In LRV when less than nine lines of comments and no comments added, incorrect message displayed	MMS-A04-008	OPEN
In LRV comment DATE and TIME fields are not entirely highlighted when in error	MMS-A04-009	OPEN
In LRV number of comments not displayed like LCO	MMS-A04-010	OPEN
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	OPEN
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	OPEN
MMS REPORT GENERATION/DISTRIBUTION SUBSYSTEM TEST		
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
Report 6040-12 (FSINTDTL) could not be produced	MMS-A04-019-*	CLOSED A04.02/.03
Should PCPFF be PCFPF?	MMS-A04-020	CLOSED N/A
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
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		
Leading zero in ZIP field not displayed on PPA screen	MMS-A04.03-002	OPEN
In PPA when attempting to retrieve record, KBD LOCK remained	MMS-A04B-001-*	CLOSED A04.02/.03
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		
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
Long name for PMTODAY should be PMs AND CERTIFICATIONS ...	MMS-A04-027	OPEN
MMS SYSTEM ADMINISTRATOR'S GUIDE		
Table 6-6 does not specify non key or primary fields	MMS-A04-028	CLOSED A04.02/.03
MMS SOFTWARE REQUIREMENTS SPECIFICATION		
Modify SRS for consistency with Help screens of REP	MMS-A04-029	OPEN
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, 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	OPEN
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	OPEN

In PC/MMS local mode, when Alt Shift F4 pressed, is message correct?	MMS-J0.5-043	OPEN
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	OPEN
In PC/MMS local mode, in LDP, EXPORT function, PM data not properly saved	MMS-J0.6-004-*	OPEN
In PC/MMS local mode, when downloaded LST log retrieved, ARRIVAL DATE not displayed	MMS-J0.6-005	OPEN
In PC/MMS local mode, in LDL, IMPORT function does not always work properly	MMS-J0.6-006	OPEN
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	OPEN
In PC/MMS local mode, when F6=LOGOFF pressed after logging on seven times, error msg displayed	MMS-J0.6-008	OPEN
In PC/MMS local mode, in LOG and PMS, OTHER MMS SUBSYSTEMS area info not displayed but printed	MMS-J0.6-009	OPEN
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	OPEN

PC/MMS CONNECTED MODE

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	OPEN

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	OPEN
In PC/MMS conn mode, go to LSR, then F6. Attempt to repeat steps causes PC to hang	MMS-J0.5-049	OPEN
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	OPEN
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	OPEN
In PC/MMS conn mode, when request FEQ, FMO, FPS, FPF, FDS from AFA, ALF, or ARC, FFA screen displayed	MMS-J0.5-059	OPEN
In PC/MMS conn mode, when some val. records downloaded, FACILITY TYPE file may be incomplete	MMS-J0.5-060	OPEN
In PC/MMS conn mode, in LDV, X should be default protected to left of FACILITY TYPE	MMS-J0.5-061	OPEN
In PC/MMS conn mode, in LDV, meaning of column label "S" unclear	MMS-J0.5-062	OPEN
In PC/MMS conn mode, LDV Help screens should describe records downloaded	MMS-J0.5-063	OPEN
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	OPEN
In PC/MMS conn mode, in LDP when F10 pressed during PM CERTIFICATION STMTS download, msg displayed is truncated	MMS-J0.5-066	OPEN
In PC/MMS conn mode, when other than Alt Shift F6 pressed to exit, msg "... DIASLLOWED" should be "DISALLOWED"	MMS-J0.5-067	OPEN
In PC/MMS conn mode, when LIN entered in F1-ENTER of System Access screen and F1 pressed, LOG Menu displayed	MMS-J0.6-011	OPEN

In PC/MMS conn mode, when attempt to retrieve PMD, PSM, PSR, or PXR from Main Menu, PC hangs	MMS-J0.6-012-*	OPEN
In PC/MMS conn mode, when attempt to retrieve PMD, PSM, PSR, or PXR from Security Access, LOG Menu displayed	MMS-J0.6-013	OPEN
In PC/MMS conn mode, when attempt to retrieve RST from F1=GO TO of nonported functions, varied results occur	MMS-J0.6-014	OPEN
In PC/MMS conn mode, when attempt to retrieve RST from System Access, LOG Menu displayed	MMS-J0.6-015	OPEN
In PC/MMS conn mode, when SF2 pressed to page through LSR report, comm error 4 msg displayed	MMS-J0.6-016-*	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, when log retrieved from LSR report and SF5 to return to LSR, comm error 16 msg displayed	MMS-J0.6-018-*	OPEN
In PC/MMS conn mode, in LDV, when no records found for selected valid. file, X remains	MMS-J0.6-019	OPEN
In PC/MMS conn mode, OUT selection displayed on Main Menu; should only be displayed at FAA node	MMS-J0.6-020	OPEN
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-*	OPEN

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	OPEN
In PC/MMS conn mode, when LSR report generated, ENTRY TYPE selection criteria ignored	MMS-J0.6-023	OPEN
In PC/MMS conn mode, in LDP, all records that meet selection criteria not downloaded	MMS-J0.6-024-*	OPEN
In PC/MMS conn mode, PCPlus msg should be "Logging onto the MPS"	MMS-J0.6-025	OPEN
In PC/MMS conn mode, in LUP, logs previously downloaded and updated should be identified with MPS LOG ID	MMS-J0.6-026	OPEN
In PC/MMS conn mode, in LUP, when voided log uploaded, LOG ID NUMBER has incorrect sequence number	MMS-J0.6-027	OPEN
In PC/MMS conn mode, access port LOG function, then nonported, then attempt LUT functions, error msg displayed	MMS-J0.6-028-*	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
In PC/MMS conn mode, in LDL, F12 must be pressed 2 or 3 times to activate PREVIOUS & DEFAULT FILTER	MMS-J0.6-030	OPEN
In PC/MMS conn mode, in LDV, when download interrupted second time, F10 label in function key area incorrect	MMS-J0.6-031	OPEN
In PC/MMS conn mode, in LDV, when download interrupted second time, menu bar, BEGIN, Begin Download incorrect	MMS-J0.6-032	OPEN

In PC/MMS conn mode, in LDV, when download completed, F10 label in function key area incorrect	MMS-J0.6-033	OPEN
In PC/MMS conn mode, in LDV, when download completed, menu bar, BEGIN, Resume Download incorrect	MMS-J0.6-034	OPEN
In PC/MMS conn mode, in LDL, when download interrupted second time, F10 label in function key area incorrect	MMS-J0.6-035	OPEN
In PC/MMS conn mode, in LDL, when download interrupted second time, menu bar, BEGIN, Begin Download incorrect	MMS-J0.6-036	OPEN
In PC/MMS conn mode, in LDL, when download completed, F10 label in function key area incorrect	MMS-J0.6-037	OPEN
In PC/MMS conn mode, in LDL, when download completed, menu bar, BEGIN, Resume Download incorrect	MMS-J0.6-038	OPEN

PC/MMS LOCAL AND CONNECTED MODES

In PC/MMS both modes, sector and initials displayed in uppercase when Caps Lock key is off	MMS-J0.5-068	OPEN
In PC/MMS both modes, using Alt F2 for full screen help does not allow data entry into field	MMS-J0.5-069	OPEN
In PC/MMS both modes, in LUT, SFO field is two characters; Help indicates one character	MMS-J0.5-070	OPEN
In PC/MMS both modes, SF5 - Return not in function key area of LUT screens (except LIN), although available	MMS-J0.5-071	OPEN

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	OPEN
In PC/MMS both modes, MENU-BAR, GO TO function, LOG function names inconsistent with MMS names	MMS-J0.5-074	OPEN
In PC/MMS both modes, messages should be in uppercase letters for consistency with MMS	MMS-J0.5-075	OPEN
In PC/MMS both modes, in LDV when viewing validation records, field names inconsistent with MMS field names	MMS-J0.5-076	OPEN
In PC/MMS both modes, in LUT functions, when using Print Screen from menu, menu box displayed on printout	MMS-J0.5-077	OPEN
In PC/MMS local and conn for ported, when using Print Screen, no form feed after screen printed	MMS-J0.5-078	OPEN
In PC/MMS both modes, in LDP, message incorrect when cursor positioned on Help in STATUS menu	MMS-J0.5-079	OPEN
In PC/MMS both modes, in LDL, message incorrect when cursor positioned on Help in STATUS menu	MMS-J0.5-080	OPEN
In PC/MMS both modes, in LDL, Help should include that log with most recent sequence number downloaded	MMS-J0.5-081	OPEN
In PC/MMS, in LUP, PC hangs when attempting to upload log with ID different than MPS	MMS-J0.5-082	CLOSED J0.6

In PC/MMS both modes, in appl. LOG functions, when up arrow pressed at FAC/SERV, cursor position inconsistent	MMS-J0.6-039	OPEN
In PC/MMS both modes, in LSM, MAINTENENCE in screen title should be MAINTENANCE	MMS-J0.6-040	OPEN
In PC/MMS both modes, in LCO, function key labels should not be highlighted	MMS-J0.6-041	OPEN
In PC/MMS both modes, after LSR generated, Help "LSD Instant..." should be "LSR Instant ..."; MMA should be MMS	MMS-J0.6-042	OPEN
In PC/MMS both modes, in LSR, Help for END DATE refers to nonexistent END TIME field	MMS-J0.6-043	OPEN
In PC/MMS both modes, in LSR, Help for START DATE refers to nonexistent END TIME field	MMS-J0.6-044	OPEN
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	OPEN
In PC/MMS both modes, in LUT, LDL title should be LDL = LOGGING DOWNLOAD - LOGGING DATA	MMS-J0.6-046	OPEN
In PC/MMS both modes, in LUT functions' screens, field SFO should be SUBSECTOR	MMS-J0.6-047	OPEN
In PC/MMS both modes, date, time, password required to add comments on Comments screen but only password in MMS	MMS-J0.6-048	OPEN
In PC/MMS both modes, in LST, departure date/time required to continue log; not required in MMS	MMS-J0.6-049	OPEN
In PC/MMS both modes, in LDL, INCL VOID/DEL should be INCL VOID	MMS-J0.6-050	OPEN

In PC/MMS both modes, in LDL, menu bar, BEGIN, Begin Download activated, data beneath BEGIN window displayed	MMS-J0.6-051	OPEN
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	OPEN
In PC/MMS both modes, in LUT, LIN, LDP, LDL, LDV, "ellipse" should be "ellipsis (...)"	MMS-J0.6-053	OPEN
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	OPEN
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 LUT and its functions, in Help for FUNCTION-CODE, delete and add functions to correct	MMS-J0.6-056	OPEN
In PC/MMS both modes, in LDL, Help for INCLUDE-VOID refers to DELETED RECORDS; no delete in MMS	MMS-J0.6-057	OPEN
In PC/MMS both modes, in Main Menu, LOG, LSR, PMS, PMC, blank spaces around = should be deleted	MMS-J0.6-058	OPEN

PC/MMS DOCUMENTATION

MMS User's Manual should indicate local mode synonymous with disconnected mode	MMS-J0.5-030	CLOSED J0.6
PC/MMS Inst & Oper Notes should indicate local mode synonymous with disconnected mode	MMS-J0.5-031	CLOSED J0.6
PC/MMS Inst & Oper Notes, LUT screen name references should be consistent with application	MMS-J0.5-032	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
LIN only described in PC/MMS Inst & Oper Notes. Should LIN be documented in User's and/or SAG?	MMS-J0.5-034	CLOSED J0.6
Add info on DOS files to User's Manual to facilitate cleanup maintenance	MMS-J0.5-035	OPEN
In LDL section of User's Manual, emphasize only log with most recent sequence number downloaded	MMS-J0.5-036	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, 5.4.1, add subparagraph to address stopping of logging data download process	MMS-J0.6-060	OPEN
In MMS User's Manual, 5.4.3, add sentence regarding upload of logging records--must be in connected mode	MMS-J0.6-061	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, 5.4.3.4, add "In the local mode" before first word in first sentence	MMS-J0.6-063	OPEN
In MMS User's Manual, 5.4.3.4, append "from the LUP screen" to first sentence	MMS-J0.6-064	OPEN
In MMS User's Manual, 5.4.4, add sentence regarding download of valid. data--must be in connected mode	MMS-J0.6-065	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
In MMS User's Manual, 5.4.4, add paragraph to address stopping of validation data download process	MMS-J0.6-067	OPEN
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	OPEN
In MMS User's Manual, 5.4.4.3, append "from the LDV screen" to "menu bar" in first sentence	MMS-J0.6-069	OPEN
In MMS User's Manual, 5.4.5, add sentence regarding download of PM/CERT ref. data--must be in connected mod	MMS-J0.6-070	OPEN
In MMS User's Manual, 5.4.5, add subparagraph to address stopping of PM/CERT reference data download process	MMS-J0.6-071	OPEN
In MMS User's Manual, 5.4.6, add sentence regarding downloaded files may be exported while in local or conn mode	MMS-J0.6-072	OPEN
In MMS User's Manual, 5.4.7, add sentence regarding exported files may be imported while in local or conn mode	MMS-J0.6-073	OPEN