

VERSION DESCRIPTION DOCUMENT FOR THE ACQUISITION MANAGEMENT SYSTEM (AMS)

Release 7.7.1

PrISMS Contract

May 2003



National Aeronautics and
Space Administration

George C. Marshall Space Flight Center
Huntsville, AL 35812

**VERSION DESCRIPTION DOCUMENT
FOR THE
ACQUISITION MANAGEMENT SYSTEM (AMS)
RELEASE 7.7.1**

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NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GEORGE C. MARSHALL SPACE FLIGHT CENTER
HUNTSVILLE, ALABAMA

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NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GEORGE C. MARSHALL SPACE FLIGHT CENTER
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1.0 INTRODUCTION

This Version Description Document (VDD) describes the changes and installation procedures for Release 7.7.1 of the Acquisition Management System (AMS). This section identifies the release, describes its purpose, defines its scope, and identifies its contact points.

1.1 IDENTIFICATION OF THE RELEASE

This software release is identified as AMS, Release 7.7.1 and has an effective release date of May 16, 2003.

1.2 PURPOSE OF THE RELEASE

This release implements modifications necessitated by the following Change Control Requests (CCR's):

- CCR 1188** – Remove “Print Documentation” option from Purchase Request Menu, Bid List Menu, and Vendor Menu.
- CCR 1195** – Correct various spelling errors.
- CCR 1232** – User receives a misleading message when changing data.
- CCR 1301** – Correct inconsistencies that exist between the data elements extracted from AMS and what the PDWS database is designed to import from the extracts. **(Originally released as AMS 7.7.0 Emergency Release Fix #3.)**
- CCR 1302** – The report for Purchase Order Delivery Orders (QSR13) encountered an error when executing in batch if there were embedded spaces in the FSS/INDEF-DELIVERY/BOA-NUM. **(Originally released as AMS 7.7.0 Emergency Release.)**
- CCR 1303** – When updating the FUNDED THRU DATE on the Contract Mod Price/Cost Update screen, the new date entered is not saved. **(Originally released as AMS 7.7.0 Emergency Release Fix #2.)**
- CCR 1304** – Record is added to the Contract 1356 file even though no data is added to the screen.
- CCR 1305** – Receiving error during validation of 507 data on an award when a PR does not have to be entered.
- CCR1306** – Need to put version number in a global variable.
- CCR1307** – New requirements for Federal Supply Schedule (FSS) awards.
- CCR1308** – Update NAICS Codes Table with 2002 NAICS Codes.
- CCR1309** – Problems with Contract Delivery Orders and Purchase Order Delivery Orders.

1.3 SCOPE

This VDD provides the functional and technical user of AMS with information regarding the contents, status, and structure of Release 7.7.1, including the following:

- Changes implemented since Release 7.7.0.
- Validation procedures to ensure the reliability of release changes.
- References to other documentation affected by this release.
- Detailed software installation instructions.

No waivers are associated with this release.

1.4 CONTACT POINTS

Sustaining Engineering for AMS is provided through the Consolidation Center (CC) located at Marshall Space Flight Center (MSFC). Questions regarding the functional and/or the technical aspects as well as the installation of this release should be directed to:

The NACC Technical Services Center (Identify yourself as SESAAS & AMS.)

Telephone: (256) 544-6673

Email: charmaine.styles-oscarson@msfc.nasa.gov

FAX: (256) 544-1836

2.0 FUNCTIONAL INFORMATION

This section includes details regarding functional changes, functional interfaces, critical issues, affected documents, and application system administration.

2.1 FUNCTIONAL CHANGES

Please refer to Appendix C, Functional Change Validation Procedures, for a description of all functional changes related to this release. Appendix D, Installation Instructions, describes all Software PREDICT and SYSERR changes related to this release. Appendix E contains sample JCL that will be needed for release installation.

2.2 FUNCTIONAL INTERFACES

This release has no functional impact on interfaces with any SESAAS (Sustaining Engineering Support for Agencywide Administrative Systems) application.

2.3 CRITICAL ISSUES

The PDWS JCL changed as a result of CCR1301. **If the PDWS JCL was not changed when AMS 7.7.0 Emergency Release Fix #3 was implemented, the changes will need to be applied now.** Refer to Appendix D, Paragraph 8.0 (Local JCL Mods) for complete details.

No conversions will be done to change the 1997 NAICS Codes to their 2002 counterparts. If a change is made to a previously validated document that contained a 1997 NAICS Code that is not on the 2002 NAICS Code listing, a message will be displayed indicating that the old NAICS Code is invalid.

Any changes made to update the 1997 NAICS Codes to the 2002 NAICS Codes will be reported in FACS as correction records.

If a site is using stand alone JCL to run their PDWS extracts, the program QGM00 must be the first program run before any XXXXPDWS program is run in each step of the JCL. This will ensure that the new global variable, +VERSION-NUMBER, is initialized correctly for the PDWS programs that use it.

All adhoc must be run before executing any validation procedures. See Appendix D for installation instructions.

2.4 AFFECTED DOCUMENTS

No documents are affected by this release.

2.5 APPLICATION SYSTEM ADMINISTRATION

There are no application system administration changes associated with this release.

3.0 TECHNICAL INFORMATION

This section includes details regarding technical system interfaces, data dictionary changes, software object changes, and database administration activities.

3.1 TECHNICAL SYSTEM INTERFACES

There are no technical systems interface issues with this release.

3.2 DATA DICTIONARY CHANGES

There are no data dictionary changes associated with this release.

3.3 SOFTWARE OBJECT CHANGES

Modules affected by this release are included in Appendix D, Section 2.2.

3.4 DATABASE ADMINISTRATION

This section describes the database administration activities for installation of this release.

3.4.1 Release Dataset Names

Refer to Appendix D, Introduction section, for the release dataset names.

3.4.2 Inventory of Objects

Refer to Appendix D, Paragraph 2.1, for an inventory of Natural object types.

3.4.3 Storage Considerations

The changes represented by this release should not affect storage requirements.

3.4.4 Installation Procedures

Refer to Appendix D, Installation Instructions for AMS Software Release 7.7.1 for detailed software installation procedures.

3.5 OPERATIONAL PREPARATION

Refer to the procedure described in Appendix D for assistance in preparing for proper installation and operational use of this release.

4.0 KNOWN AND OPEN PROBLEMS

There are no known or open problems related to this release.

APPENDIX A
ABBREVIATIONS AND ACRONYMS

ABBREVIATIONS AND ACRONYMS

AMS	Acquisition Management System
CC	Consolidation Center
CCR	Change Control Request
FACS	Financial and Contractual Status
FAX	Electronic Facsimile Transmission
JCL	Job Control Language
MSFC	Marshall Space Flight Center
NACC	NASA Automated Data Processing (ADP) Consolidation Center
NAICS	North American Industry Classification System
NAIS	NASA Acquisition Internet Service
NASA	National Aeronautics and Space Administration
PDWS	Procurement Data Warehouse System
RC	Requirements Change
SESAAS	Sustaining Engineering Support for Agencywide Administrative Systems
VDD	Version Description Document

APPENDIX B
GLOSSARY

GLOSSARY

Database Administration

Responsibility for maintaining the physical database environment.

Implementation

The process by which a NASA site installs a software release and places it into operational use.

Operational Preparation

Preparation by a NASA site for installation and use of a release.

System Administration

Responsibility for administrative functions such as application security and table data maintenance associated with an application.

APPENDIX C
FUNCTIONAL CHANGE VALIDATION
PROCEDURES

FUNCTIONAL CHANGE VALIDATION PROCEDURES

Index of validation procedures for changes in this release.

Section	CCR	Title
1.0	1188	Remove "Print Documentation" option from Purchase Request Menu, Bid List Menu, and Vendor Menu
2.0	1195	Correct various spelling errors
3.0	1232	User receives a misleading message when changing data
4.0	1301	Correct inconsistencies that exist between the data elements extracted from AMS and what the PDWS database is designed to import from the extracts (Originally released as AMS 7.7.0 Emergency Release Fix #3.)
5.0	1302	The report for Purchase Order Delivery Orders (QSR13) encountered an error when executing in batch if there were embedded spaces in the FSS/INDEF-DELIVERY/BOA-NUM. (Originally released as AMS 7.7.0 Emergency Release.)
6.0	1303	When updating the FUNDED THRU DATE on the Contract Mod Price/Cost Update screen, the new date entered is not saved. (Originally released as AMS 7.7.0 Emergency Release Fix #2.)
7.0	1304	Record is added to the Contract 1356 file even though no data is added to the screen.
8.0	1305	Receiving error during validation of 507 data on an award when a PR does not have to be entered.
9.0	1306	Need to put version number in a global variable.
10.0	1307	New requirements for Federal Supply Schedule (FSS) Awards
11.0	1308	Update NAICS Code Table with 2002 NAICS Codes
12.0	1309	Problems with Contract Delivery Orders and Purchase Order Delivery Orders.
13.0		FACS Validation

Details for the validation procedures are listed below.

1.0 Number 1188

Remove "Print Documentation" option from Purchase Request Menu, Bid List Menu, and Vendor Menu

Description of Change

The "Print Documentation" option will be removed from the Purchase Request Menu, the Bid List Menu, and the Vendor Menu.

Functional Impact

There is no functional impact as a result of this CCR.

Validation Procedures

1. Verify that the "P" option has been removed from the Purchase Request Menu, the Bid List Menu, and the Vendor Menu.
2. Verify when a "P" is entered in the OPTION field on each of these menus, that a message is displayed indicating that this is an Invalid Option.

<u>MODULE ID</u>	<u>MODULE NAME</u>	<u>TYPE</u>
QBL01	BID LIST PROCESSING MENU	PGM
QBV01	VENDOR UPDATE OPTION MENU	PGM
QEMBL01A	MAP FOR QBL01	MAP
QPG02	PR PROCESSING OPTIONS	PGM

2.0 Number 1195

Correct various spelling errors.

Description of Change

There are several spelling errors on different screens. These were corrected.

Functional Impact

There is no functional impact as a result of this CCR.

Validation Procedures

1. View the entry for 'UC' on Table 54. Verify that the Result is "UNSOLICITED – SPECIAL ANNOUNCEMENT".
2. View the entry for 'QGA35T' on Table AA. Verify that the third line of the Result field is "RESULT = DESCRIPTION(A50)".
3. View one of the entries on Table 4 (NAICS Codes Table). Verify that the header is now "==LARGE/SMALL BUSINESS THRESHOLD==".
4. Using Option 5 on the Tables System Menu, print Table 4 (NAICS Codes Table). Verify that the heading on the fourth column "THRESHOLD SALES".
5. Using Option 3 on the Contract Closeout Processing Options Menu, query the closeout milestones of a Contract in closeout. Verify that the fifth description under "Milestone Description" is "FINAL AUDIT RECEIVED".
6. Using Option 4 on the Contract Closeout Reports Menu, display a Closeout Milestone Delinquency Report. Verify that when description "FINAL AUDIT RECEIVED" appears under "Milestone Description", it is "FINAL AUDIT RECEIVED" and not "FINAL AUDIT RECIEVED".
7. Using Option 13 on the PR Processing Menu, display the PR to Document Cross Reference Screen. Verify that "HELP" is spelled correctly in the option line at the bottom of the screen.

<u>MODULE ID</u>	<u>MODULE NAME</u>	<u>TYPE</u>
CCR1195A	ADHOC	PGM
CCR1195B	ADHOC	PGM
QCC21	QUERY CLOSEOUT MILESTONES FOR A CONTRACT	PGM
QCC75	CLOSEOUT MILESTONE REPORT	PGM
QPX01	PR TO DOCUMENT CROSS REFERENCE	PGM
QTR01	GENERALIZED TABLE LISTING	PGM
QTU04	QGA04T TABLE MAINTENANCE – NAICS CODES	PGM

3.0 Number 1232

User receives a misleading message when changing data.

Description of Change

When the Completion Date was changed on a contract mod, the user received the following message: "DATA HAS BEEN UPDATED. NO CHANGE TO 507 REPORTABLE DATA." This message was misleading because research showed that this change was reported by FACS to Headquarters. Therefore, this message will be changed to "DATA UPDATED. NO REVALIDATION NEEDED. ANY 507 CHANGES WILL BE REPORTED IN FACS."

Functional Impact

There is no functional impact as a result of this CCR.

Validation Procedures

1. Verify that the new message is displayed when a data change is made that **does not** require the user to go through the 507 validation process. Do this on each of the following screens:
 - Purchase Order Award Update Screen – Page 1
 - Purchase Order Award Update Screen – Page 2
 - Purchase Order Award Update Screen – Page 3
 - Purchase Order Modification Update Screen
 - Contract Award Update Screen – Page 1
 - Contract Award Update Screen – Page 2
 - Contract Award Update Screen – Page 3
 - Contract Modification Update Screen
 - Grant Award Update Screen
 - Grant Supplement Update Screen
2. Verify that the message "DATA HAS BEEN UPDATED. VALIDATION OF DATA IS REQUIRED." is displayed when a data change is made that **does** require the user to go through the 507 validation process. Do this on each of the screens listed in item #1.

<u>MODULE ID</u>	<u>MODULE NAME</u>	<u>TYPE</u>
QCA21	CONTRACT AWARD UPDATE – SCREEN #1	PGM
QCA23	CONTRACT AWARD UPDATE – PAGE 3	PGM
QCA25	CONTRACT AWARD UPDATE – PAGE 2	PGM
QCB51	UPDATE CONTRACT MOD	PGM
QNA21	GRANT AWARD UPDATE – SCREEN #1	PGM
QNB51	GRANT SUPPLEMENT UPDATE	PGM
QSA21	PO AWARD UPDATE – SCREEN #1 507 FORM	PGM
QSA23	PO AWARD UPDATE – PAGE 3	PGM
QSA25	PO AWARD UPDATE – PAGE 2	PGM
QSB51	PO MODIFICATION UPDATE	PGM

4.0 Number 1301

Correct inconsistencies that exist between the data elements extracted from AMS and what the PDWS database is designed to import from the extracts.

Description of Change

The order in which certain fields were extracted was changed. Duplicate data extracts were eliminated. The “nograd” file was renamed to “contract1356”.

Functional Impact

Inconsistencies in data elements between what AMS extracts and what the PDWS database is designed to import will be eliminated.

Validation Procedures

1. Run the PDWS extract. To implement this CCR on the server-side, a full load of AMS data must be submitted. Technical personnel will need to verify that the AMS data was loaded successfully into their center’s PDWS database.
Testing will need to be coordinated with the NAIS (NASA Acquisition Internet Service) team at Marshall Space Flight Center.

<u>MODULE ID</u>	<u>MODULE NAME</u>	<u>TYPE</u>
QENNPDWS	WRITE GRANT WORK FILES	SUBPGM
QGRPPDWS	PDWS RUN OPTION SELECTION	PGM
QNGXPDWS	AMS GRANT FILE EXTRACT	PGM
QPGXPDWS	AMS PURCHASE REQUEST FILE EXTRACT	PGM
QSDXPDWS	AMS PURCHASE ORDER DELIVERY ORDER FILE EXTRACT	PGM

5.0 Number 1302

The report for Purchase Order Delivery Orders (QSR13) encountered an error when executing in batch if there were embedded spaces in the FSS/INDEF-DELIVERY/BOA-NUM.

Description of Change

The modifications involved fixing a delimiter problem. For batch submission there were three fields passed to the report program as parameter data using the Natural Stack. The three fields were combined and passed as a single parameter. Spaces within the parameter were treated as field delimiters; and subsequently, were replaced with commas before batch submission. Therefore, when the FSS/INDEF-DELIVERY/BOA-NUM value had embedded spaces, the spaces were replaced with commas when passed to the batch submission module, QPS01, via the Natural Stack. Consequently, each value delimited by a comma was interpreted as a separate parameter and resulted in an error. To correct this problem, the FSS/INDEF-DELIVERY/BOA-NUM data was sent as a separate parameter to allow the stack to handle the spaces as part of a single field instead of treating the data as separate fields.

Functional Impact

The report will run correctly online and in batch.

Validation Procedures

1. Using an FSS/INDEF-DELIVERY/BOA-NUM that contains embedded spaces, verify that the report runs correctly both in online mode and batch mode.

<u>MODULE ID</u>	<u>MODULE NAME</u>	<u>TYPE</u>
QSR00	PO REPORTS MENU	PGM
QSR13	PURCHASE ORDER BY SPECIFIC FSS/INDEF- DELIVERY/BOA-NUM BATCH REPORT	PGM

6.0 Number 1303

When updating the FUNDED THRU DATE on the Contract Mod Price/Cost Update screen, the new date entered is not saved.

Description of Change

The change addresses the retention of the value entered for Funded Thru Date when updating price/cost information for a contract modification. The value entered for the Funded Thru Date was inadvertently omitted during the update of the record. To correct this problem, the Funded Thru Date value is now saved when adding/updating contract mod price/cost data.

Functional Impact

The Funded Thru Date value is now saved when adding/updating contract mod price/cost data.

Validation Procedures

1. Using Option 7 on the Contract Administration Menu, change the Funded Thru Date on a contract mod. Verify that the change was saved.
2. Using Option 7 on the Contract Administration Menu, verify price/cost data can be added and changed on Contract Mods according to normal business practices. Make sure there are no computation discrepancies in any of the monetary fields.
3. Using Option 7 on the PO Administration Menu, verify price/cost data can be added and changed on Purchase Order Mods according to normal business practices. Make sure there are no computation discrepancies in any of the monetary fields.

<u>MODULE ID</u>	<u>MODULE NAME</u>	<u>TYPE</u>
QCB35	COST TRACKING – FINANCIAL DATA FOR CONTRACT MODIFICATION ADD OR UPDATE	PGM
QEMSB35	MAP FOR QSB35	MAP
QSB35	COST TRACKING – FINANCIAL DATA FOR PURCHASE ORDER MODIFICATION ADD OR UPDATE	PGM

7.0 Number 1304

Record is added to the Contract 1356 file even though no data is added to the screen.

Description of Change

In the past, a record was added to the Contract 1356 file when the user viewed the Case (Form 1356) screen. The user did not have to enter any data on the screen for the record to be added to the file. Changes have been made so that a record will be added to the Contract 1356 file only if the user enters data on the Case (Form 1356) screen.

Functional Impact

Records will not be inadvertently added to the Contract 1356 file.

Validation Procedures

1. Create a new contract. Using option 7 (Add 1356 Data) on the Contract Award Menu, view the Case (Form 1356) screen. Do not make any entries on this screen. Enter an 'M' in the OPTION field to return to the Contract Award Menu.
Using option 9 (Query 1356 Data) on the Contract Award Menu, view the Case (Form 1356) screen. The message displayed should indicate that there is no 1356 Data for this contract.
2. Using the contract added in step 1 and option 7 (Add 1356 Data) on the Contract Award Menu, view the Case (Form 1356) screen. Enter the required data on this screen.
Using option 9 (Query 1356 Data) on the Contract Award Menu, view the Case (Form 1356) screen. The data that was entered should be displayed.

<u>MODULE ID</u>	<u>MODULE NAME</u>	<u>TYPE</u>
QCA30	CONTRACT CASE (FORM 1356) PROCESSING - ADD/UPDATE	PGM
QCA35	CONTRACT CASE (FORM 1356) PROCESSING - QUERY	PGM

8.0 Number 1305

Receiving error during validation of 507 data on an award when a PR does not have to be entered.

Description of Change

The 507 edit that deals with the Receive to Award Lead Time will be bypassed if there is no Prime PR number on the contract.

Functional Impact

A contract missing the Receive to Award Lead Time will be validated, providing the Prime PR number is blank and all other fields pass the 507 validation edits.

Validation Procedures

1. Add a contract with a blank PRIME PR NUM. (NOTE: The global value +PR-REQUIRED-IND will have to be set to 'N'.) Verify that the contract will validate.
2. Add a mod to the above contract. Enter a valid PR Number in the PR NUM field. Verify that the mod will validate.
3. Add a contract that has a PRIME PR NUM. Enter an AWARD DATE that is the same as the ACQ RECV DATE on the PRIME PR NUM. A message should be displayed indicating that the RCV AWRD LEAD TIME is missing. If the more detailed error message is viewed, it should be "ACQUISITION RECEIVE DATE TO CONTRACT AWARD DATE LEAD TIME MUST BE GREATER THAN ZERO".
Change the AWARD DATE on the contract to a later date. The contract should validate.

<u>MODULE ID</u>	<u>MODULE NAME</u>	<u>TYPE</u>
QCA80	CONTRACT 507 EDIT DRIVER	PGM
QCA85	FORM 507 EDIT MODULE	PGM
QENCA85	EXCEPTION EDIT SUBPROGRAM	SUBPGM

9.0 Number 1306

Need to put version number in a global variable.

Description of Change

A new global variable, +VERSION-NUMBER, has been added to the Global Data Area (Common). The version number on the PDWS submission screen will be updated from the global variable, which is initialized during AMS startup.

NOTE: If a site is using stand alone JCL to run their PDWS extracts, the program QGM00 must be the first program run before any XXXXPDWS program is run in each step of the JCL. This will ensure that the new global variable, +VERSION-NUMBER, is initialized correctly for the PDWS programs that use it.

Functional Impact

The user can no longer change the version number on the PDWS submission screen. It will be a "display only" field. In the future, the version number will be automatically updated in each release.

Validation Procedures

1. Verify the version number on the Banner Screen has been changed to 7.7.1.
2. Verify that the AMS VERSION field on the PDWS Submission Screen will not accept input.
3. Verify that the version number displayed on the PDWS Submission Screen is 771.

<u>MODULE ID</u>	<u>MODULE NAME</u>	<u>TYPE</u>
COMMON	GLOBAL DATA AREA	GDA
QEMPPDWS	MAP1 FOR QGRPPDWS	MAP
QGM00	SESSION INITIALIZAION	PGM
QGR13	PDWS SUBMISSION	PGM
QGRCPDWS	PDWS RUN CONTROLLER	PGM
QGRPPDWS	PDWS RUN OPTION SELECTION	PGM
QTM00	TABLES SYSTEM MENU	PGM
QTM01	NAMS TABLES SYSTEM SELECTION MENU	PGM

10.0 Number 1307

New Requirements for Federal Supply Schedule (FSS) Awards.

Description of Change

Allow a contractor type of '01', '03', or '04' and a Hubzone Small Business Concern value of 'Y' or 'N' to be entered for FSS Small Business Awards (FY and KY PPC).

Functional Impact

Centers may now enter Hubzone Small Business Concern and a contractor type of '01' in addition to the contractor types of '03' and '04' for FSS Small Business Awards.

Validation Procedures

1. Verify that a purchase order will validate with a PPC code of 'FY', a contractor type of '01', and a Hubzone Small Business Concern value of 'Y' or 'N'.
2. Verify that a purchase order will validate with a PPC code of 'KY', a contractor type of '01', and a Hubzone Small Business Concern value of 'Y' or 'N'.
3. A FACS test is necessary to verify that the new records and/or record changes are included in the report. See Section 14 for FACS Validation Instructions.

<u>MODULE ID</u>	<u>MODULE NAME</u>	<u>TYPE</u>
CCR1307A	ADHOC	PGM

11.0 Number 1308

Update NAICS Codes Table with 2002 NAICS Codes

Description of Change

The NAICS Codes Table (Table 4) entries were updated from the 1997 version to the 2002 version. All NAICS Codes are now six-digit codes. Some of the Large/Small Business Threshold amounts for Number of Employees and Average Annual Sales have changed.

Table 59 (Demonstration Test Program) was also updated.

Functional Impact

If a change is made to a previously validated document that contained a 1997 NAICS Code that is not on the 2002 NAICS Code listing, a message will be displayed indicating that the old NAICS Code is invalid. A new NAICS Code must be entered and the record must be revalidated. The record will be reported in FACS as a correction record.

If your site uses the Bid List modules, you should be aware that the NAICS Codes validation in these modules is not done against Table 4. NAICS Code validation is done against the Commodity File.

The table changes are as follows:

- Table 4 (NAICS Codes) has been updated to contain the current NAICS Codes.
- Two NAICS Codes were removed from Table 59 (Demonstration Test Program). The five-digit NAICS Codes on Table 59 were converted to six-digit NAICS Codes.
- Table 69 (SIC to NAICS Conversion Table) now contains the new SIC to NAICS conversion table for 2002.
- Table 81 (1997 NAICS Codes Table) was created to hold a back-up copy of the 1997 NAICS Codes.
- Table 82 (SIC to NAICS97 Conversion Table) was created to hold a back-up copy of the SIC to NAICS conversion table for 1997.

Validation Procedures

1. Verify that Table 4 (NAICS Codes Table) has 1145 entries.
2. View various entries on the NAICS Codes Table and verify that they have been updated correctly. The new NAICS Codes for 2002 may be viewed at the following web site: www.census.gov/naics.
3. Verify that Table 59 (Demonstration Test Program) has 50 entries. Verify that all entries on Table 59 are six-digit NAICS Codes.
4. Verify that all NAICS related elements of the Bid List modules function properly.

5. Select a validated Purchase Order that has a 1997 NAICS Code that is not on the 2002 NAICS Code Table. Attempt to re-validate the Purchase Order. Verify that a message is displayed indicating that the NAICS Code is invalid. Enter a valid NAICS Code and re-validate the Purchase Order.
6. Select a validated Contract that has a 1997 NAICS Code that is not on the 2002 NAICS Code Table. Attempt to re-validate the Contract. Verify that a message is displayed indicating that the NAICS Code is invalid. Enter a valid NAICS Code and re-validate the Contract.
7. Select a vendor that has a 1997 NAICS Code (that is not on the 2002 NAICS Code Table) associated with its Commodity File. Using the Update Commodities option (Option 5) on the Vendor Menu, attempt to add a 2002 NAICS Code to the list. The existing invalid 1997 NAICS Codes should cause a message to be displayed indicating that the 1997 NAICS Code does not exist. Update the 1997 NAICS Code with its 2002 NAICS Code counterpart and press <Enter>. The message displayed should indicate that the record was updated.
8. Add commodities to a vendor and verify that the Small Business Indicator is being set properly due to the Large/Small Business Threshold amounts that exist for the 2002 NAICS Codes.
9. A FACS test is necessary to verify that the changes to the NAICS Codes are being reported as corrections. See Section 14 for FACS Validation Instructions.

<u>MODULE ID</u>	<u>MODULE NAME</u>	<u>TYPE</u>
CCR1308A	ADHOC	PGM
CCR1308B	ADHOC	PGM
CCR1308C	ADHOC	PGM
CCR1308D	ADHOC	PGM
CCR1308E	ADHOC	PGM
CCR1308F	ADHOC	PGM
CCR1308G	ADHOC	PGM
CCR1308H	ADHOC	PGM
CCR1308I	ADHOC	PGM
QENCA85	EXCEPTION EDIT SUBPROGRAM	SUBPGM

12.0 Number 1309

Problems with Contract Delivery Orders and Purchase Order Delivery Orders.

Description of Change

When Purchase Order Delivery Orders were implemented, they were set up to mimic Contract Delivery Orders. Since Contract Delivery Orders had pre-existing functional problems, those were built into the Purchase Order Delivery Orders also. These problems were corrected for Contract Delivery Orders and Purchase Order Delivery Orders.

Functional Impact

When changing a Contract Number or Purchase Order Number, the associated Delivery Order Number will be changed as well.

The ability to change a Delivery Order Number or Delivery Order Mod Number has been added to the Update Document Numbers option on the System Administration Menu.

The PR to Document Cross Reference Screen will properly display all documents (including Delivery Orders) related to a specific Purchase Request.

Validation Procedures

1. Add a Purchase Order with related Mods, Delivery Orders, and Delivery Order Mods. Each should have an associated PR-NUM. To verify that the Update Document Numbers process (option 2 on the System Administration Menu) works correctly, perform the following tests:
 - a. Change a Delivery Order Mod Number. Verify that it can be viewed using the new Delivery Order Mod Number. Verify that the new Delivery Order Mod Number is reflected when viewing the PR to Document Cross Reference Screen (Option 13 on the PR Processing Menu). Change the Delivery Order Mod Number back to its original value.
 - b. Change a Delivery Order Number. Verify that the Delivery Order and the associated Delivery Order Mods can be viewed using the new number. Verify that the new Delivery Order Number is reflected when viewing the PR to Document Cross Reference Screen. Verify the associated Delivery Order Mods are reflected correctly on the PR to Document Cross Reference Screen. Change the Delivery Order Number back to its original value.
 - c. Change a Purchase Order Mod Number. Verify that it can be viewed with the new number. Verify that the associated Delivery Orders and Delivery Order Mods did not change. Verify that the new Mod Number is reflected correctly when viewing the PR to Document Cross Reference Screen. Change the Purchase Order Mod Number back to its original value.
 - d. Change the Purchase Order Number. Verify that the Purchase Order, Purchase Order Mods, Delivery Orders, and Delivery Order Mods can be viewed using the new number. Verify that the change is reflected correctly

on the PR to Document Cross Reference Screen for the Purchase Order, Purchase Order Mods, Delivery Orders, and Delivery Order Mods.

2. Using a Contract, repeat the validation tests in step 1.
3. Using the documents created in step 1, add multiple PR's to each by entering a "Y" in the MORE PR'S field. Using the Query option, view each of the documents and verify that the appropriate PR's are associated with the correct documents.
4. Using the documents created in step 2, repeat the validation tests in step 3.

<u>MODULE ID</u>	<u>MODULE NAME</u>	<u>TYPE</u>
COMMON	GLOBAL DATA AREA	GDA
QCA50	CONTRACT PR CROSS REFERENCE TRACKING UPDATE	PGM
QEMDA51B	MAP2 FOR QSA51	MAP
QGM13	AMS METRICS REPORT	PGM
QGU02	CHANGE DOCUMENT OR MOD NUMBER FOR A CONTRACT, PO, OR GRANT	PGM
QNA50	GRANT PR CROSS REFERENCE TRACKING UPDATE	PGM
QPX01	PR TO DOCUMENT CROSS REFERENCE	PGM
QSA50	PO PR CROSS REFERENCE TRACKING UPDATE	PGM
QSA51	PO/PR CROSS REFERENCE TRACKING INQUIRY	PGM
QSB00	PO ADMINISTRATION MENU	PGM
QSB52	PO MODIFICATION QUERY	PGM

13.0 FACS Validation

Execute the Monthly FACS Submission option for a FACS Trial Run. Enter the Rec Reported Date. The default correction cutoff date may be used. Verify all programs executed successfully and any new records or record changes are included in the report. (An actual FACS Submission may be run also to verify report results provided a FACS Recovery is run beforehand and the FACS dataset is **not** transmitted to HQ.) To perform this task, select the core menu options (Option 2 on the General Reports Menu) or run using your site unique JCL.

See Appendix E for JCL examples.

APPENDIX D
INSTALLATION INSTRUCTIONS
FOR AMS SOFTWARE RELEASE 7.7.1

INSTALLATION INSTRUCTIONS AND CHECKLIST FOR AMS SOFTWARE RELEASE 7.7.1

Introduction

Release information:

System Name: AMS
Release Number: 7.7.1
Release Date: May 16, 2003
Effective Date: May 16, 2003

The following dataset is located on the transient storage DASD volumes under the following data set name:

- xxMOV.AMS.PROD.R771.R0503.SRC
- xxMOV.AMS.PROD.R771.R0503.TBL04
- xxMOV.AMS.PROD.R771.R0503.TBL69

Where "xx" is replaced by the appropriate NASA Center designation.

AR - ARC
DF - DFRC
GS - GSFC
HQ - HQ
J5 - JSC
LA - LaRC
LE - GRC (Glenn)
KS - KSC
MS - MSFC
SS - SSC

In case of installation problems, contact the NACC Technical Services Center (Identify yourself as SESAAS & AMS.)

Telephone: (256) 544-6673
Email: charmaine.styles-oscarson@msfc.nasa.gov
FAX: (256) 544-1836

Installation Sequence

The sequence in which the installation of this release should occur is provided in the following list. A checklist is provided in Section 9.0 to assist in tracking the installation of this release.

- 1.0 Back Up Existing Data
- 2.0 Copy Source
- 3.0 Pre-Predict Data Conversion
- 4.0 Install Predict
- 5.0 Catalog Source Code
- 6.0 Post-Predict Data Conversion
- 7.0 Release-Specific Procedures
- 8.0 Local JCL Mods
- 9.0 Installation Checklist

1.0 Back Up Existing Data

It is advisable to back up all AMS files as a precautionary measure prior to installation.

2.0 Copy Source

2.1 Copy Source Code

Load the AMS library from dataset xxMOV.AMS.PROD.R771.R0503.SRC. The source programs were unloaded using the Natural utility NATUNLD. Using NATLOAD, the programs will be loaded to the application library named LAMSPROD, replacing any existing programs of the same name. Verify the modules loaded (output from the batch NATLOAD job) against the VDD list of source code modifications.

When installing this release into production, repeat the above procedures. It is not recommended to copy released modules from test to production. Some modules may be missed or object code may accidentally be copied along with source code. Except in the case of Command Processors (not applicable to most SESAAS applications) **cataloged object code should never be copied into one library from another**. This can cause GDA timestamp errors, or worse, can cause production code to update and corrupt test data, or vice versa. Load only source code and then catalog it to generate the proper version of the cataloged Object code.

The source module counts included in this release are listed below:

Natural Source Modules by type	
GLOBAL DATA AREA	1
LOCAL/PARAM DATA AREA	0
MAPS	4
HELP ROUTINES	0
SUBROUTINES	0
SUBPROGRAMS	2
PROGRAMS	55
COPYCODE	0
TEXT	0
PROCESS	0
MISCELLANEOUS OBJECTS	0
Total:	62

2.2 List of Source Code Modifications

The following are the modules added, modified and deleted.

Added Modules:

- | | | |
|-------------|----------------|-----|
| 1. QEMDA51B | Map2 for QSA51 | Map |
|-------------|----------------|-----|

Changed Modules:

- | | | |
|------------------|---|---------------|
| 1. COMMON | Global Data Area | Global |
| 2. QBL01 | Bid List Processing Menu | Program |
| 3. QBV01 | Vendor Update Option Menu | Program |
| 4. QCA21 | Contract Award Update – Screen #1 | Program |
| 5. QCA23 | Contract Award Update – Page 3 | Program |
| 6. QCA25 | Contract Award Update – Page 2 | Program |
| 7. QCA30 | Contract Case (Form 1356) Processing
- Add/Update | Program |
| 8. QCA35 | Contract Case (Form 1356) Processing
- Query | Program |
| 9. QCA50 | Contract PR Cross Reference Tracking
Update | Program |
| 10. QCA80 | Contract 507 Edit Driver | Program |
| 11. QCA85 | Form 507 Edit Module | Program |
| 12. QCB35 | Cost Tracking – Financial Data for Contract
Modification Add or Update | Program |
| 13. QCB51 | Update Contract Mod | Program |
| 14. QCC21 | Query Closeout Milestones for a Contract | Program |
| 15. QCC75 | Closeout Milestone Report | Program |
| 16. QEMBL01A | Map for QBL01 | Map |
| 17. QEMPPDWS | Map1 for QGRPPDWS | Map |
| 18. QEMSB35 | Map for QSB35 | Map |
| 19. QENCA85 | Exception Edit Subprogram | Subprogram |
| 20. QENNPDWS | Write Grant Work Files | Subprogram |

21. QGM00	Session Initialization	Program
22. QGM13	AMS Metrics Report	Program
23. QGR13	PDWS Submission	Program
24. QGRCPDWS	PDWS Run Controller	Program
25. QGRPPDWS	PDWS Run Option Selection	Program
26. QGU02	Change Document or Mod Number for a Contract, PO, or Grant	Program
27. QNA21	Grant Award Update Screen	Program
28. QNA50	Grant PR Cross Reference Tracking Update	Program
29. QNB51	Grant Supplement Update	Program
30. QNGXPDWS	AMS Grant File Extract	Program
31. QPG02	PR Processing Options	Program
32. QPGXPDWS	AMS Purchase Request File Extract	Program
33. QPX01	PR to Document Cross Reference	Program
34. QSA21	PO Award Update Screen #1 – 507 Form	Program
35. QSA23	PO Award Update – Page 3	Program
36. QSA25	PO Award Update – Page 2	Program
37. QSA50	PO PR Cross Reference Tracking Update	Program
38. QSA51	PO/PR Cross Reference Tracking Inquiry	Program
39. QSB00	PO Administration Menu	Program
40. QSB35	Cost Tracking – Financial Data for Purchase Order Modification Add or Update	Program
41. QSB51	PO Modification Update	Program
42. QSB52	PO Modification Query	Program
43. QSDXPDWS	AMS Purchase Order Delivery Order File Extract	Program
44. QSR00	PO Reports Menu	Program
45. QSR13	Purchase Order by Specific FSS/Indef- Delivery/BOA-Num Batch Report	Program
46. QTM00	Tables System Menu	Program
47. QTM01	NAMS Table System Selection Menu	Program
48. QTR01	Generalized Table Listing	Program
49. QTU04	QGA04T Table Maintenance – NAICS Codes	Program

Deleted Modules:

1. QENCMG01	Error Message Subprogram	Subprogram
-------------	--------------------------	------------

The following programs were created for this release:

1. CCR1195A Adhoc to correct spelling error on Table 54
2. CCR1195B Adhoc to correct spelling error on Table AA
3. CCR1307A Adhoc to update FSS (Federal Supply Schedule) edit on
Table 50
4. CCR1308A Adhoc to unload the current NAICS Codes table to a dataset
5. CCR1308B Adhoc to delete the current NAICS Codes table
6. CCR1308C Adhoc to add new NAICS Codes to Table 4
7. CCR1308D Adhoc to load Table 81 with the NAICS Codes from the
dataset created in CCR1308A
8. CCR1308E Adhoc to unload the current SIC to NAICS Codes conversion
table (Table 69) to a dataset
9. CCR1308F Adhoc to delete the current SIC to NAICS Codes conversion
table

- 10.CCR1308G Adhoc to add the new SIC to NAICS Codes conversion table for 2002 to Table 69
- 11.CCR1308H Adhoc to load Table 82 with the SIC to NAICS Codes conversion from the dataset created in CCR1308E
- 12.CCR1308I Adhoc to convert NAICS Codes on Table 59 (Demonstration Test Program) from 1997 NAICS Codes to 2002 NAICS Codes

(These programs should be deleted after you successfully install this release in production.)

3.0 Pre-Predict Data Conversion

Not applicable with this release.

4.0 Install Predict

Not applicable with this release.

5.0 Catalog Source Code

Run a batch job to catalog (CATALL) all AMS modules in the LAMSPROD or other named library. The SESAAS Batch standard parameters should be used for the compile. **Since the GDA named COMMON is present in this release, it is necessary to include GDAs in the CATALL.**

After all objects are compiled, the AMS application will run under the SESAAS On-line standard parameter.

6.0 Post-Predict Data Conversion

Execute, in batch, the following programs, **in the order listed**, before performing any validation testing. See Appendix E for JCL examples.

- CCR1195A
- CCR1195B
- CCR1307A
- CCR1308A
- CCR1308B
- CCR1308C
- CCR1308D
- CCR1308E
- CCR1308F
- CCR1308G
- CCR1308H

8.0 Local JCL Mods

JCL modifications may be necessary for your center's PDWS extract job. The PDWS JCL changed as a result of CCR1301. **If the PDWS JCL was not changed when AMS 7.7.0 Emergency Release Fix #3 was implemented, the following changes will need to be applied:**

- The standalone batch JCL used by centers that run the PDWS extract from their batch environments must be changed.
- The PDWS JCL dataset, XXMOV.AMS.PROD.R770.R0902, from the AMS 7.7.0 release in September of 2002 must be changed. After making the changes listed below to the dataset, run LPDWSJCL to update the PDWS JCL member QGR13 on Table 98. This utility was provided in the AMS 7.7.0 production release. If you do not want to reload the PDWS JCL from the dataset, the JCL changes may be applied online by editing QGR13 on Table 98. **Regardless of the option used for changing the table JCL, the dataset must be changed.**

The JCL changes are as follows:

- Change all occurrences of the mid-level dataset qualifier, **NOGRANT**, to **CNTR1356**. See the example below.

Before Change

```
//CMWKF05 DD DSN=MSIRM.AMS0DT.NOGRANT.DATA,DISP=(NEW,CATLG,DELETE),
```

After Change

```
//CMWKF05 DD DSN=MSIRM.AMS0DT.CNTR1356.DATA,DISP=(NEW,CATLG,DELETE),
```

- Change all occurrences of the text file name, **nogrant.txt**, to the text file name, **contract1356.txt**. The file name must be typed in lower case. See the example below.

Before Change

```
PUT 'MSIRM.AMS0DT.NOGRANT.DATA' nogrant.txt
```

After Change

```
PUT 'MSIRM.AMS0DT.CNTR1356.DATA' contract1356.txt
```

- The following line appears twice in the JCL dataset:
PUT 'MSIRM.AMS0DT.VENDOR.TYPE vendtypbus.txt. **The second occurrence needs to be deleted. See the example below:**

Before Change

PUT 'MSIRM.AMS0DT.VENDOR.TYPE vendtypbus.txt
PUT 'MSIRM.AMS0DT.VENDOR.VDATA vend.txt

.
.
.

PUT 'MSIRM.AMS0DT.VENDOR.TYPE vendtypbus.txt
PUT 'MSIRM.AMS0DT.NAMS.UNIQ' centeruniques.txt.

After Change

PUT 'MSIRM.AMS0DT.VENDOR.TYPE vendtypbus.txt
PUT 'MSIRM.AMS0DT.VENDOR.VDATA vend.txt

.
.
.

PUT 'MSIRM.AMS0DT.NAMS.UNIQ' centeruniques.txt.

9.0 Installation Checklist

- 1.0 Back Up Existing Data
- 2.1 Copy Source Code
- 5.0 Catalog Source Code
- 6.0 Post-Predict Data Conversion
- 8.0 Local JCL Mods