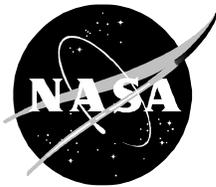


VERSION DESCRIPTION DOCUMENT FOR THE ACQUISITION MANAGEMENT SYSTEM (AMS)

Release 7.6.0

PrISMS Contract

March 2002



National Aeronautics and
Space Administration

George C. Marshall Space Flight Center
Huntsville, AL 35812

**VERSION DESCRIPTION DOCUMENT
FOR THE
ACQUISITION MANAGEMENT SYSTEM (AMS)
RELEASE 7.6.0**

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GEORGE C. MARSHALL SPACE FLIGHT CENTER
HUNTSVILLE, ALABAMA

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Approved by

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

March 2002

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1.0 INTRODUCTION

This Version Description Document (VDD) describes the changes and installation procedures for Release 7.6.0 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 7.6.0 and has an effective release date of March 29, 2002.

This release should be implemented before the April 2002 FACS submission is run.

1.2 PURPOSE OF THE RELEASE

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

- RC 1219** – Addition of Remarks for Grants.
- RC 1220** – Fix Closeout Report error – “Index not within array structure.”
- RC 1229** – Contract Mod Update – Negative number becomes positive number with bracket.
- RC 1251** – Make mod prefix optional.
- RC 1253** – Grant Closeout Update – Price/Est Cost should be from the composite record not the base record.
- RC 1261** – Additional lines needed under the Award Fee Analysis update screen.
- RC 1277** – Expansion of Cost Tracking Fields on Purchase Order file.
- RC 1278** – Tracking GSA BPA's in AMS.
- RC 1282** – Option Tracking on Purchase Orders.
- RC 1285** – Need to be able to fill in the delegation field on Page 2 in the Purchase Order module.

1.3 SCOPE

This VDD provides the functional and technical user of AMS with information regarding the contents, status, and structure of Release 7.6.0, including the following:

- Changes implemented since Release 7.5.0.
- 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.

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

This release must be implemented before the April 2002 FACS run is submitted to NASA Headquarters.

FACS processing for Purchase Orders was modified for the release. Delivery Orders as well as additional cost tracking information changes for Purchase Orders were added in this release. The Delivery Orders and cost tracking information will be reported in FACS. However, the record length for the FACS history dataset or the FACS transmission dataset did not change. Please refer to Appendix C, Functional Change Validation Procedures for a detailed description.

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

Dictionary changes are detailed in Appendix D, Section 4.0.

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 7.6.0 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 |
| NASA | National Aeronautics and Space Administration |
| 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 | 1219 | Addition of Remarks for Grants. |
| 2.0 | 1220 | Fix Closeout Report error. |
| 3.0 | 1229 | Contract Mod Update – Negative number becomes a positive number with bracket. |
| 4.0 | 1251 | Make mod prefix optional. |
| 5.0 | 1253 | Grant Closeout Update – Price/Est Cost should be from the composite record not the base record. |
| 6.0 | 1261 | Additional lines needed under the Award Fee Analysis update screen. |
| 7.0 | 1277 | Expansion of Cost Tracking Fields on the Purchase Order file. |
| 8.0 | 1278 | Tracking GSA BPA's in AMS. |
| 9.0 | 1282 | Option Tracking on Purchase Orders. |
| 10.0 | 1285 | Need to be able to fill in the Delegation field on Page 2 in the Purchase Order module. |

Details for the validation procedures are listed below.

1.0 Number 1219

Add a Remarks field to the Grant module.

Description of Change

Previously, there was no capability to capture remarks for grant records.

Functional Impact

The user will be able to enter remarks on a grant record.

Validation Procedures

Banner Screen:

1. Verify the version number on the Banner Screen has been changed to 7.6.0.

Preparation:

1. Create and validate a Grant (Grant#1).

FROM

Main Menu

Grant Processing Options

Grant Award Menu

CHOOSE OPTION

5

1

1. Verify that Option 9 is "ADD/UPDATE GRANT REMARKS".

FROM

Main Menu

Grant Processing Options

Grant Award Menu

using Grant#1

Add/Update Grant Remarks

CHOOSE OPTION

5

1

9

1. Enter a date of 20021301. Press <Enter>.
2. The message displayed should be "DATE OF REMARK IS INVALID. PLEASE CORRECT."
3. Enter a date of 20600101. Press <Enter>.
4. The message displayed should be "PLEASE ENTER A REMARK."
5. Enter a remark. Press <Enter>.
6. The message displayed should be "DATE OF REMARK IS NOT WITHIN VALID RANGE. PLEASE CORRECT."
7. Enter a valid date. Press <Enter>.
8. The message displayed should be "REMARK SUCCESSFULLY ADDED".
9. Enter "1" in the SELECTION# field. Press <Enter>.
10. The date and remark previously entered should be displayed on the data entry line.
11. Change the remark previously entered. Press <Enter>.
12. The message displayed should be "REMARK SUCCESSFULLY UPDATED".

13. Enter "1" in the SELECTION# field. Press <Enter>.
14. The date and remark previously entered should be displayed on the data entry line.
15. Blank out the date. Press <Enter>.
16. The message displayed should be "REMARK SUCCESSFULLY DELETED".
17. Enter several date/remark combinations.
18. Verify that the remarks are displayed in chronological order with the latest date at the top of the screen.
19. Verify that the date/remark combinations are inserted in the proper place when necessary.

| <u>MODULE ID</u> | <u>MODULE NAME</u> | <u>TYPE</u> |
|------------------|--------------------------|-------------|
| QGM00 | SESSION INITIALIZATION | PGM |
| QNA00 | GRANT AWARD MENU | PGM |
| QNA26 | GRANT REMARKS ADD/UPDATE | PGM |

2.0 Number 1220

Fix Closeout Report error – “Index not within array structure”.

Description of Change

Program code was corrected.

Functional Impact

When running the “Contracts Received In Closeout By Individual Closeout Administrator” Report (Option 5 of the Contract Closeout Reports Menu), the user will no longer receive an error if certain conditions occur.

Validation Procedures

Preparation:

1. Create and validate a Contract (Contract#1).
2. Enter a date in the PHYS COMPL DATE field.
3. Using Option 6 (UPDATE A CONTRACT IN CLOSEOUT) on the Contract Closeout Menu, enter today’s date in the TO CLOSEOUT DATE field and enter a valid code in the CLOSEOUT ADMIN CODE field.
4. Repeat steps 1 through 3 for Contract#2 through Contract#13. Be sure to use today’s date in the TO CLOSEOUT DATE field and the same code in the CLOSEOUT ADMIN CODE field for each contract.

FROM

Main Menu

Contract Main Menu

Contract Closeout Processing Options

Contract Closeout Reports Menu

Contracts Received In Closeout

CHOOSE OPTION

4

3

10

5

1. Enter a ‘N’ indicating that the report is not to be run in batch mode.
2. Enter today’s date in the FROM field and the TO field.
3. Enter the Closeout Admin Code used above in the ADMINISTRATOR CODE field.
4. Press <Enter>. The CONTRACTS RECEIVED IN CLOSEOUT report should be displayed. The Total Number of Contracts in Closeout should be 13.
5. Verify that the report will also run in batch mode.
6. Repeat preparation steps 1 through 3 to add Contract#14 through Contract#27.
7. Repeat test steps 1 through 5. The Total Number of Contracts in Closeout should be 27.

MODULE ID
QCC77

MODULE NAME
CONTRACTS RECEIVED IN CLOSEOUT BY
ADMINISTRATOR

TYPE
PGM

3.0 Number 1229

On the Contract Mod Update, a negative number becomes a positive number followed by a bracket.

Description of Change

Program code was corrected.

Functional Impact

If a negative number is entered in the ESTIMATED-COST-OF CHANGE-ORDER field in the Contract Mod Update, it will now be displayed correctly.

Validation Procedures

Preparation:

1. Create and validate a Contract (Contract#1).
2. Create a mod (Mod#1) to Contract#1. Validate Mod#1.

FROM

Main Menu

Contract Main Menu

Contract Administration Menu
using Contract#1 and Mod#1

Contract Modification Update

CHOOSE OPTION

4

2

2

1. Enter '9' in the KIND OF ACTION field. Press <Enter>.
2. The message displayed should be "DATA HAS BEEN UPDATED. VALIDATION OF DATA IS REQUIRED."
3. Enter a 'V' in the OPTION field. Press <Enter>.
4. A pop-up window should be displayed with the message "FOR KIND OF ACTION = 9, EST COST OF CHANGE ORDER IS REQUIRED:
0 _____".
5. Enter '-20000'. Press <Enter>.
6. The message displayed should be "NO ERRORS HAVE BEEN DETECTED. THE DATA HAS BEEN MARKED AS VALID."
7. Press <Enter>. This should return you to the Contract Administration Menu.
8. Enter '2' in the OPTION field and Mod#1 in the MOD NUM field. Press <Enter>.
9. This should return you to the Contract Modification Update Screen. Press <Enter>.
10. Enter a 'V' in the OPTION field. Press <Enter>.
11. A pop-up window should be displayed with the message "FOR KIND OF ACTION = 9, EST COST OF CHANGE ORDER IS REQUIRED: -20000_____".
12. Change the -20000 to 50000. Press <Enter>.
13. The message displayed should be "NO ERRORS HAVE BEEN DETECTED. THE DATA HAS BEEN MARKED AS VALID."
14. Press <Enter>. This should return you to the Contract Administration Menu.
15. Enter '2' in the OPTION field and Mod#1 in the MOD NUM field. Press <Enter>.

16. This should return you to the Contract Modification Update Screen. Press <Enter>.
17. Enter a 'V' in the OPTION field. Press <Enter>.
18. A pop-up window should be displayed with the message "FOR KIND OF ACTION = 9, EST COST OF CHANGE ORDER IS REQUIRED: 50000 ____".
19. Press <Enter>.
20. The message displayed should be "NO ERRORS HAVE BEEN DETECTED. THE DATA HAS BEEN MARKED AS VALID."

| <u>MODULE ID</u> | <u>MODULE NAME</u> | <u>TYPE</u> |
|------------------|---------------------|-------------|
| QCB51 | UPDATE CONTRACT MOD | PGM |

4.0 Number 1251

Make mod prefix optional.

Description of Change

Program code was changed to make the MOD PREFIX field for PO's and Contracts, SUPP PREFIX field for Grants, and the DELIVERY ORDER MOD PREFIX field on PO Delivery Orders and Contract Delivery Orders optional instead of mandatory.

Functional Impact

A mod prefix is now optional, not required.

Validation Procedures

Preparation:

1. Create a Purchase Order (PO#1) with 507 REQUIRED field = 'N'.
2. Create a Purchase Order (PO#2) with 507 REQUIRED field = 'Y'. Validate this PO.
3. Create a Delivery Order (DO#9999) using PO#2.
4. Create and validate a Contract (Contract#1).
5. Create a Delivery Order (DO#9998) using Contract#1.
6. Create and validate a Grant (Grant#1).

FROM

CHOOSE OPTION

Main Menu

3

Purchase Order Main Menu

2

PO Administration Menu

1

using PO#1 and Mod Num = 1

Small PO Modification Add

1. Verify that the MOD PREFIX field no longer has asterisks on either side of the field name to indicate that it is a required field.
2. Enter an invalid Mod Prefix in the MOD PREFIX field. Complete the required fields on this screen. Press <Enter>.
3. The message displayed should be "INVALID MOD PREFIX. PLEASE CORRECT."
4. Enter a valid Mod Prefix in the MOD PREFIX field. Press <Enter>.
5. The message displayed should be "THE SMALL PO MODIFICATION HAS BEEN ADDED."

using PO#1 and Mod Num = 2

1. Enter all required fields. Leave the MOD PREFIX field blank. Press <Enter>.
2. The message displayed should be "THE SMALL PO MODIFICATION HAS BEEN ADDED."

| <u>FROM</u> | <u>CHOOSE OPTION</u> |
|-----------------------------------|----------------------|
| Main Menu | 3 |
| Purchase Order Main Menu | 2 |
| PO Administration Menu | 1 |
| using PO#2 and Mod Num = 1 | |
| PO Modification Add | |

1. Verify that the MOD PREFIX field no longer has asterisks on either side of the field name to indicate that it is a required field.
2. Enter an invalid Mod Prefix in the MOD PREFIX field. Complete the required fields on this screen. Press <Enter>.
3. The message displayed should be "INVALID MOD PREFIX. PLEASE CORRECT."
4. Enter a valid Mod Prefix in the MOD PREFIX field. Press <Enter>.
5. The message displayed should be "DATA HAS BEEN ADDED. VALIDATION OF DATA IS REQUIRED."
6. Follow the PO Mod through to validation.

using PO#2 and Mod Num = 2

1. Enter all required fields. Leave the MOD PREFIX field blank. Press <Enter>.
2. The message displayed should be "DATA HAS BEEN ADDED. VALIDATION OF DATA IS REQUIRED."
3. Follow the PO Mod through to validation.

| <u>FROM</u> | <u>CHOOSE OPTION</u> |
|-------------------------------------|----------------------|
| Main Menu | 3 |
| Purchase Order Main Menu | 2 |
| PO Administration Menu | 2 |
| using PO#1 and Mod Num = 2 | |
| Small PO Modification Update | |

1. Verify that the MOD PREFIX field no longer has asterisks on either side of the field name to indicate that it is a required field.
2. Enter an invalid Mod Prefix in the MOD PREFIX field. Press <Enter>.
3. The message displayed should be "INVALID MOD PREFIX. PLEASE CORRECT."
4. Enter a valid Mod Prefix in the MOD PREFIX field. Press <Enter>.
5. The message displayed should be "THE SMALL PO MOD HAS BEEN UPDATED. PRESS ENTER TO CONTINUE."
6. Enter "2" in the OPTION field and press <Enter>. This should return you to the Small PO Modification Update screen.
7. Blank out the MOD PREFIX field. Press <Enter>.
8. The message displayed should be "THE SMALL PO MOD HAS BEEN UPDATED. PRESS ENTER TO CONTINUE."

| <u>FROM</u> | <u>CHOOSE OPTION</u> |
|--|----------------------|
| Main Menu | 3 |
| Purchase Order Main Menu | 2 |
| PO Administration Menu using PO#2 and Mod Num = 2 | 2 |
| PO Modification Update | |

1. Verify that the MOD PREFIX field no longer has asterisks on either side of the field name to indicate that it is a required field.
2. Enter an invalid Mod Prefix in the MOD PREFIX field. Press <Enter>.
3. The message displayed should be "INVALID MOD PREFIX. PLEASE CORRECT."
4. Enter a valid Mod Prefix in the MOD PREFIX field. Press <Enter>.
5. The message displayed should be "DATA HAS BEEN UPDATED. NO CHANGE TO 507 REPORTABLE DATA."
6. Enter "2" in the OPTION field and press <Enter>. This should return you to the PO Modification Update screen.
7. Blank out the MOD PREFIX field. Press <Enter>.
8. The message displayed should be "DATA HAS BEEN UPDATED. NO CHANGE TO 507 REPORTABLE DATA."

| <u>FROM</u> | <u>CHOOSE OPTION</u> |
|--|----------------------|
| Main Menu | 3 |
| Purchase Order Main Menu | 2 |
| PO Administration Menu using PO#1 and Mod Num = 2 | 3 |
| Small PO Modification Query | |

1. Verify that the MOD PREFIX field no longer has asterisks on either side of the field name to indicate that it is a required field.

| <u>FROM</u> | <u>CHOOSE OPTION</u> |
|---|----------------------|
| Main Menu | 3 |
| Purchase Order Main Menu | 4 |
| Purchase Order Delivery Order Menu using PO#2, DO#9999 and Mod Num = 1 | 1 |
| Add A Delivery Order Mod | |

1. Verify that the DELIVERY ORDER MOD PREFIX field does not have asterisks on either side of the field name to indicate that it is a required field.
2. Enter an invalid Delivery Order Mod Prefix in the DELIVERY ORDER MOD PREFIX field. Complete the required fields on this screen. Press <Enter>.
3. The message displayed should be "INVALID DELIVERY ORDER MOD PREFIX. PLEASE CORRECT."

4. Enter a valid Delivery Order Mod Prefix in the DELIVERY ORDER MOD PREFIX field. Press <Enter>.
5. The message displayed should be "DATA HAS BEEN ADDED."

using PO#2, DO#9999 and Mod Num = 2

1. Enter all required fields. Leave the DELIVERY ORDER MOD PREFIX field blank. Press <Enter>.
2. The message displayed should be "DATA HAS BEEN ADDED."

| <u>FROM</u> | <u>CHOOSE OPTION</u> |
|---|----------------------|
| Main Menu | 4 |
| Contract Main Menu | 2 |
| Contract Administration Menu | 1 |
| using Contract#1 and Mod Num = 1 | |
| Contract Modification Add | |

1. Verify that the MOD PREFIX field no longer has asterisks on either side of the field name to indicate that it is a required field.
2. Enter an invalid Mod Prefix in the MOD PREFIX field. Complete the required fields on this screen. Press <Enter>.
3. The message displayed should be "INVALID MOD PREFIX. PLEASE CORRECT."
4. Enter a valid Mod Prefix in the MOD PREFIX field. Press <Enter>.
5. The message displayed should be "DATA HAS BEEN ADDED. VALIDATION OF DATA IS REQUIRED."
6. Follow the Contract Mod through to validation.

using Contract#1 and Mod Num = 2

1. Enter all required fields. Leave the MOD PREFIX field blank. Press <Enter>.
2. The message displayed should be "DATA HAS BEEN ADDED. VALIDATION OF DATA IS REQUIRED."
3. Follow the Contract Mod through to validation.

| <u>FROM</u> | <u>CHOOSE OPTION</u> |
|---|----------------------|
| Main Menu | 4 |
| Contract Main Menu | 2 |
| Contract Administration Menu | 2 |
| using Contract#1 and Mod Num = 2 | |
| Contract Modification Update | |

1. Verify that the MOD PREFIX field no longer has asterisks on either side of the field name to indicate that it is a required field.
2. Enter an invalid Mod Prefix in the MOD PREFIX field. Press <Enter>.

3. The message displayed should be "INVALID MOD PREFIX. PLEASE CORRECT."
4. Enter a valid Mod Prefix in the MOD PREFIX field. Press <Enter>.
5. The message displayed should be "DATA HAS BEEN UPDATED. NO CHANGE TO 507 REPORTABLE DATA."
6. Enter "2" in the OPTION field and press <Enter>. This should return you to the Contract Modification Update screen.
7. Blank out the MOD PREFIX field. Press <Enter>.
8. The message displayed should be "DATA HAS BEEN UPDATED. NO CHANGE TO 507 REPORTABLE DATA."

| <u>FROM</u> | <u>CHOOSE OPTION</u> |
|--|----------------------|
| Main Menu | 4 |
| Contract Main Menu | 2 |
| Contract Administration Menu using Contract#1 and Mod Num = 2 | 3 |
| Query Contract Modification | |

1. Verify that the MOD PREFIX field no longer has asterisks on either side of the field name to indicate that it is a required field.

| <u>FROM</u> | <u>CHOOSE OPTION</u> |
|---|----------------------|
| Main Menu | 4 |
| Contract Main Menu | 5 |
| Contract Delivery Order Menu using DO#9998 and Mod Num = 1 | 1 |
| Add A Delivery Order Mod | |

1. Verify that the DELIVERY ORDER MOD PREFIX field does not have asterisks on either side of the field name to indicate that it is a required field.
2. Enter an invalid Delivery Order Mod Prefix in the DELIVERY ORDER MOD PREFIX field. Complete the required fields on this screen. Press <Enter>.
3. The message displayed should be "INVALID DELIVERY ORDER MOD PREFIX. PLEASE CORRECT."
4. Enter a valid Delivery Order Mod Prefix in the DELIVERY ORDER MOD PREFIX field. Press <Enter>.
5. The message displayed should be "DATA HAS BEEN ADDED."

using DO#9998 and Mod Num = 2

1. Enter all required fields. Leave the DELIVERY ORDER MOD PREFIX field blank. Press <Enter>.
2. The message displayed should be "DATA HAS BEEN ADDED."

| <u>FROM</u> | <u>CHOOSE OPTION</u> |
|---------------------------------------|----------------------|
| Main Menu | 5 |
| Grant Processing Options | 2 |
| Grant Administration Menu | 1 |
| using Grant#1 and Supp Num = 1 | |
| Grant Supplement Add | |

1. Verify that the SUPP PREFIX field no longer has asterisks on either side of the field name to indicate that it is a required field.
2. Enter an invalid Supp Prefix in the SUPP PREFIX field. Complete the required fields on this screen. Press <Enter>.
3. The message displayed should be "INVALID SUPP PREFIX. PLEASE CORRECT."
4. Enter a valid Supp Prefix in the SUPP PREFIX field. Press <Enter>.
5. The message displayed should be "DATA HAS BEEN ADDED. VALIDATION OF DATA IS REQUIRED."
6. Follow the Grant Supplement through to validation.

using Grant#1 and Supp Num = 2

1. Enter all required fields. Leave the SUPP PREFIX field blank. Press <Enter>.
2. The message displayed should be "DATA HAS BEEN ADDED. VALIDATION OF DATA IS REQUIRED."
3. Follow the Grant Supplement through to validation.

| <u>FROM</u> | <u>CHOOSE OPTION</u> |
|---------------------------|----------------------|
| Main Menu | 5 |
| Grant Processing Options | 2 |
| Grant Administration Menu | 2 |
| using Grant#1 | |
| Grant Supplement Update | |

1. Verify that the SUPP PREFIX field no longer has asterisks on either side of the field name to indicate that it is a required field.
2. Enter an invalid Supp Prefix in the SUPP PREFIX field. Press <Enter>.
3. The message displayed should be "INVALID SUPP PREFIX. PLEASE CORRECT."
4. Enter a valid Supp Prefix in the SUPP PREFIX field. Press <Enter>.
5. The message displayed should be "DATA HAS BEEN UPDATED. NO CHANGE TO 507 REPORTABLE DATA."
6. Enter "2" in the OPTION field and press <Enter>. This should return you to the Grant Supplement Update screen.
7. Blank out the SUPP PREFIX field. Press <Enter>.
8. The message displayed should be "DATA HAS BEEN UPDATED. NO CHANGE TO 507 REPORTABLE DATA."

| <u>MODULE ID</u> | <u>MODULE NAME</u> | <u>TYPE</u> |
|------------------|---------------------------------|-------------|
| NADO01NC | EDIT FIELDS FOR DELIVERY ORDERS | SUBP |
| NADO02MA | MAP FOR NADO02PA | MAP |
| QCB50 | ADD CONTRACT MOD | PGM |
| QCB51 | UPDATE CONTRACT MOD | PGM |
| QEMCB50 | MAP1 FOR QCB50 | MAP |
| QEMCB50A | MAP2 FOR QCB50 | MAP |
| QEMCB52 | MAP FOR QCB52 | MAP |
| QEMNB50 | MAP1 FOR QNB50 | MAP |
| QEMNB50A | MAP2 FOR QNB50 | MAP |
| QEMNB51A | MAP FOR QNB51 | MAP |
| QEMNB52 | MAP FOR QNB52 | MAP |
| QEMSB50 | MAP1 FOR QSB50 | MAP |
| QEMSB50A | MAP2 FOR QSB50 | MAP |
| QEMSB51A | MAP FOR QSB51 | MAP |
| QEMSB53 | MAP1 FOR QSB53 | MAP |
| QEMSB53A | MAP2 FOR QSB53 | MAP |
| QEMSB54A | MAP FOR QSB54 | MAP |
| QEMSB55 | MAP FOR QSB55 | MAP |
| QNB50 | GRANT SUPPLEMENT ADDITION | PGM |
| QNB51 | GRANT SUPPLEMENT UPDATE | PGM |
| QSB50 | PO MODIFICATION ADDITION | PGM |
| QSB51 | PO MODIFICATION UPDATE | PGM |
| QSB53 | SMALL PO MODIFICATION ADDITION | PGM |
| QSB54 | SMALL PO MODIFICATION UPDATE | PGM |

5.0 Number 1253

On the Grant Closeout Update screen, the Price/Est Cost displayed should be from the composite record instead of the base record.

Description of Change

Program code was changed to retrieve the PRICE/EST-COST from the composite record instead of the base record.

Functional Impact

The composite value will be displayed in the PRICE/EST-COST field on the Grant Closeout Update screen and the Grant Closeout Information Query screen.

Validation Procedures

Preparation:

1. Create a Grant (Grant#1).
2. Using the Price/Cost Update Screen (Option 7), enter 5000 in the PRICE/EST COST field.
3. Validate Grant#1.
4. Using the Update option (Option 2), enter a valid date in the PHYS COMPL DATE field.
5. Add a Supplement (Supp#1) to Grant#1.
6. Using the Price/Cost Update Screen (Option 7), enter 100 in the PRICE/EST COST field.
7. Validate Supp#1.

FROM

Main Menu

Grant Processing Options

Grant Administration Menu
using Grant#1

Query Original Grant Price/Cost Data

CHOOSE OPTION

5

2

8

1. Verify the Price/Est Cost displayed in the ORIGINAL GRANT column is 5,000.
2. Verify the Price/Est Cost displayed in the CUMULATIVE GRANT column is 5,100.

FROM

Main Menu

Grant Processing Options

Grant Closeout Processing Options
using Grant#1

Closeout Information Query For Grant#1

CHOOSE OPTION

5

3

1

1. Verify the Price/Est Cost displayed is 5,100.

FROM

CHOOSE OPTION

| | |
|--|----------|
| Main Menu | 5 |
| Grant Processing Options | 3 |
| Grant Closeout Processing Options using Grant#1 | 2 |
| Closeout Information Update For Grant#1 | |

1. Verify the Price/Est Cost displayed is 5,100.

| <u>MODULE ID</u> | <u>MODULE NAME</u> | <u>TYPE</u> |
|------------------|----------------------------------|-------------|
| QNC10 | QUERY CLOSEOUT DATA FOR A GRANT | PGM |
| QNC20 | UPDATE CLOSEOUT DATA FOR A GRANT | PGM |

6.0 Number 1261

Additional lines are needed on the Award Fee Analysis Update screen.

Description of Change

There were 30 detail lines for information on the Award Fee Analysis Update and the Award Fee Analysis Query screens. An additional 30 lines was added for the update and query functions.

Functional Impact

There are now 60 detail lines for information on the Award Fee Analysis Update and the Award Fee Analysis Query screens.

Validation Procedures

Preparation:

1. Select an existing Contract.

FROM

Main Menu

Contract Main Menu

Contract Administration Menu
using the selected Contract

Award Fee Analysis Update

CHOOSE OPTION

4

2

11

1. Verify that there are 60 detail lines with 10 detail lines per screen. To do this, press <Enter> until the screen with detail lines 51 through 60 is displayed.
2. Enter data on random lines on each screen. Review the data to ensure it was saved properly.

FROM

Main Menu

Contract Main Menu

Contract Administration Menu
using the selected Contract

Award Fee Analysis Query

CHOOSE OPTION

4

2

12

1. Verify that there are 60 detail lines with 10 detail lines per screen. To do this, press <Enter> until the screen with detail lines 51 through 60 is displayed.
2. Review the data entered on the Award Fee Analysis Update Screen to ensure it is displayed properly and on the same line number on which it was entered.
3. When the screen with detail lines 51 through 60 is displayed, verify that the message displayed at the top of the screen is "END OF AWARD FEE ANALYSIS QUERY."

| <u>MODULE ID</u> | <u>MODULE NAME</u> | <u>TYPE</u> |
|------------------|---------------------------|-------------|
| QCB20 | CONTRACT AWARD FEE UPDATE | PGM |
| QCB25 | CONTRACT AWARD FEE QUERY | PGM |

7.0 Number 1277

Expansion of cost tracking fields on the Purchase Order file.

7.1 Purchase Order Related Changes

Description of Change

The Update/Price Cost function for Purchase Orders was changed to mirror the Update/Price Cost function for Contracts. Several fields were added to accomplish this. These are as follows: AWARD-FEE, BASE-FEE, COST-OBLIGATION, FEE-OBLIGATION, INCENTIVE-FEE, TOT-PROFIT/FEE, ESTIMATED-COST-OF-CHANGE-ORDER, and TOT-PO-VAL-INCL-OPTIONS.

Functional Impact

Purchase Orders now have fields for fee and fee obligations and will allow costing information to be tracked. This functionality was added to the Purchase Order and the Purchase Order Modifications.

Validation Procedures

Preparation:

1. Create a Purchase Order (PO#1) with 507 REQUIRED field = 'N'. Do NOT put anything in the PRICE/EST COST field.
2. Create three modifications for this Purchase Order. Do NOT put anything in the PRICE/EST COST field.
3. Create a Purchase Order (PO#2) with 507 REQUIRED field = 'Y'. Do NOT put anything in the PRICE/EST COST field. Validate this PO.
4. Create three modifications for this Purchase Order. Do NOT put anything in the PRICE/EST COST field. Validate the first two modifications. Do not validate the third modification.

FROM

Main Menu

Purchase Order Main Menu

PO Award Menu
using PO#1

Price/Cost Update

CHOOSE OPTION

3

1

5

1. Verify that the screen title is "ADD SMALL PURCHASE ORDER PRICE/COST DATA".
2. Enter valid information in all fields. Press <Enter>.
3. The message displayed should be "DATA HAS BEEN ADDED."

| <u>FROM</u> | <u>CHOOSE OPTION</u> |
|-----------------------------|----------------------|
| Main Menu | 3 |
| Purchase Order Main Menu | 1 |
| PO Award Menu using PO#1 | 6 |
| Price/Cost Query | |

1. Verify that the screen title is "QUERY SMALL PURCHASE ORDER PRICE/COST DATA".
2. Verify the data displayed is what was entered in the previous validation test.

| <u>FROM</u> | <u>CHOOSE OPTION</u> |
|-----------------------------|----------------------|
| Main Menu | 3 |
| Purchase Order Main Menu | 1 |
| PO Award Menu using PO#1 | 5 |
| Price/Cost Update | |

1. Verify that the screen title is "UPDATE SMALL PURCHASE ORDER PRICE/COST DATA".
2. Change some of the data on the screen. Press <Enter>.
3. The message displayed should be "DATA HAS BEEN UPDATED."

| <u>FROM</u> | <u>CHOOSE OPTION</u> |
|--|----------------------|
| Main Menu | 3 |
| Purchase Order Main Menu | 2 |
| PO Administration Menu using PO#1 and Mod Num = 1 | 7 |
| Small PO Modification Add | |

1. Verify that the screen title is "ADD SMALL PO MODIFICATION PRICE/COST DATA".
2. Verify the data displayed for the Cumulative Purchase Order is the price/cost data that was entered for PO#1 above.
3. Enter valid price/cost data for the current PO mod. Press <Enter>.
4. The message displayed should be "UPDATE SUCCESSFUL."

| <u>FROM</u> | <u>CHOOSE OPTION</u> |
|----------------------------|----------------------|
| Main Menu | 3 |
| Purchase Order Main Menu | 2 |
| PO Administration Menu | 7 |
| using PO#1 and Mod Num = 2 | |
| Small PO Modification Add | |

1. Verify the data displayed for the Cumulative Purchase Order is the total price/cost data that was entered for PO#1 and Mod#1.
2. Enter valid price/cost data for the current PO mod. Press <Enter>.
3. The message displayed should be "UPDATE SUCCESSFUL."

| <u>FROM</u> | <u>CHOOSE OPTION</u> |
|----------------------------|----------------------|
| Main Menu | 3 |
| Purchase Order Main Menu | 2 |
| PO Administration Menu | 7 |
| using PO#1 and Mod Num = 3 | |
| Small PO Modification Add | |

1. Verify the data displayed for the Cumulative Purchase Order is the total price/cost data that was entered for PO#1, Mod#1, and Mod#2.
2. Enter valid price/cost data for the current PO mod. Press <Enter>.
3. The message displayed should be "UPDATE SUCCESSFUL."

| <u>FROM</u> | <u>CHOOSE OPTION</u> |
|------------------------------|----------------------|
| Main Menu | 3 |
| Purchase Order Main Menu | 2 |
| PO Administration Menu | 7 |
| using PO#1 and Mod Num = 1 | |
| Small PO Modification Update | |

1. Verify that the screen title is "UPDATE SMALL PO MODIFICATION PRICE/COST DATA".
2. Verify the data displayed for the Cumulative Purchase Order is the total price/cost data that was entered for PO#1, Mod#1, Mod#2, and Mod#3.
3. Change some of the data on the screen. Press <Enter>.
4. The message displayed should be "UPDATE SUCCESSFUL."

| <u>FROM</u> | <u>CHOOSE OPTION</u> |
|--|----------------------|
| Main Menu | 3 |
| Purchase Order Main Menu | 2 |
| PO Administration Menu using PO#1 (with no mod #) Price/Cost Query | 8 |

1. Verify the price/cost data displayed for the Original Purchase Order is correct.
2. Verify the data displayed for the Cumulative Purchase Order is the total price/cost data that was entered for PO#1, Mod#1, Mod#2, and Mod#3.
3. Enter a 'C' in the OPTION field. Press <Enter>.
4. Verify that the screen title is "BROWSE PURCHASE ORDER COST/FEE HISTORY".
5. Using 'N' and 'P' in the OPTION field, browse the Cost History for this Purchase Order.
6. Enter an 'R' in the OPTION field. Press <Enter>.
7. Verify that you are returned to the "QUERY SMALL PURCHASE ORDER PRICE/COST DATA" screen.

| <u>FROM</u> | <u>CHOOSE OPTION</u> |
|---|----------------------|
| Main Menu | 3 |
| Purchase Order Main Menu | 2 |
| PO Administration Menu using PO#1 PO Cost Tracking For PO#1 | 9 |

1. Verify that the correct price/cost data is displayed for PO#1 and its associated mods.

| <u>FROM</u> | <u>CHOOSE OPTION</u> |
|--|----------------------|
| Main Menu | 3 |
| Purchase Order Main Menu | 2 |
| PO Administration Menu using PO#1 Update PO Composite Record | 18 |

1. Verify that the screen title is "UPDATE COMPOSITE PURCHASE ORDER DATA".
2. Change some of the data on the screen. Press <Enter>.
3. The message displayed should be "DATA UPDATED SUCCESSFULLY."

| <u>FROM</u> | <u>CHOOSE OPTION</u> |
|--|----------------------|
| Main Menu | 3 |
| Purchase Order Main Menu | 2 |
| PO Administration Menu using PO#1 (with no mod #) | 8 |
| Price/Cost Query | |

1. Verify that the changes made to the price/cost data in the previous test are displayed on this screen.

| <u>FROM</u> | <u>CHOOSE OPTION</u> |
|-----------------------------|----------------------|
| Main Menu | 3 |
| Purchase Order Main Menu | 1 |
| PO Award Menu using PO#2 | 5 |
| Price/Cost Update | |

1. Verify that the screen title is "ADD NEW PURCHASE ORDER PRICE/COST DATA".
2. Enter valid information in all fields. Press <Enter>.
3. The message displayed should be "DATA HAS BEEN ADDED."

| <u>FROM</u> | <u>CHOOSE OPTION</u> |
|-----------------------------|----------------------|
| Main Menu | 3 |
| Purchase Order Main Menu | 1 |
| PO Award Menu using PO#2 | 6 |
| Price/Cost Query | |

1. Verify that the screen title is "QUERY ORIGINAL PURCHASE ORDER PRICE/COST DATA".
2. Verify the data displayed is what was entered in the previous validation test.

| <u>FROM</u> | <u>CHOOSE OPTION</u> |
|-----------------------------|----------------------|
| Main Menu | 3 |
| Purchase Order Main Menu | 1 |
| PO Award Menu using PO#2 | 5 |
| Price/Cost Update | |

1. Verify that the screen title is "UPDATE ORIGINAL PURCHASE ORDER PRICE/COST DATA".
2. Change some of the data on the screen. Press <Enter>.

- The message displayed should be "DATA HAS BEEN UPDATED."

| <u>FROM</u> | <u>CHOOSE OPTION</u> |
|--|----------------------|
| Main Menu | 3 |
| Purchase Order Main Menu | 2 |
| PO Administration Menu using PO#2 and Mod Num = 1 | 7 |
| Price/Cost Update | |

- Verify that the screen title is "ADD PO MODIFICATION PRICE/COST DATA".
- Verify the data displayed for the Cumulative Purchase Order is the price/cost data that was entered for PO#2 above.
- Enter valid price/cost data for the current PO mod. Press <Enter>.
- The message displayed should be "UPDATE SUCCESSFUL."

| <u>FROM</u> | <u>CHOOSE OPTION</u> |
|--|----------------------|
| Main Menu | 3 |
| Purchase Order Main Menu | 2 |
| PO Administration Menu using PO#2 and Mod Num = 2 | 7 |
| Price/Cost Update | |

- Verify the data displayed for the Cumulative Purchase Order is the total price/cost data that was entered for PO#2 and Mod#1.
- Enter valid price/cost data for the current PO mod. Press <Enter>.
- The message displayed should be "UPDATE SUCCESSFUL."

| <u>FROM</u> | <u>CHOOSE OPTION</u> |
|--|----------------------|
| Main Menu | 3 |
| Purchase Order Main Menu | 2 |
| PO Administration Menu using PO#2 and Mod Num = 3 | 7 |
| Price/Cost Update | |

- Verify the data displayed for the Cumulative Purchase Order is the total price/cost data that was entered for PO#2, Mod#1, and Mod#2.
- Enter valid price/cost data for the current PO mod. Press <Enter>.
- The message displayed should be "UPDATE SUCCESSFUL."
- Enter a 'V' in the OPTION field to verify that the PO Mod validates.

| <u>FROM</u> | <u>CHOOSE OPTION</u> |
|----------------------------|----------------------|
| Main Menu | 3 |
| Purchase Order Main Menu | 2 |
| PO Administration Menu | 7 |
| using PO#2 and Mod Num = 1 | |
| Price/Cost Update | |

1. Verify that the screen title is "UPDATE PO MODIFICATION PRICE/COST DATA".
2. Verify the data displayed for the Cumulative Purchase Order is the total price/cost data that was entered for PO#2, Mod#1, Mod#2, and Mod#3.
3. Change some of the data on the screen. Press <Enter>.
4. The message displayed should be "UPDATE SUCCESSFUL."

| <u>FROM</u> | <u>CHOOSE OPTION</u> |
|----------------------------|----------------------|
| Main Menu | 3 |
| Purchase Order Main Menu | 2 |
| PO Administration Menu | 8 |
| using PO#2 and Mod Num = 1 | |
| Price/Cost Query | |

1. Verify that the screen title is "QUERY PURCHASE ORDER MOD PRICE/COST DATA".
2. Verify that the data displayed for the Current PO Mod and the Cumulative Purchase Order reflect the changes made in the previous test.

| <u>FROM</u> | <u>CHOOSE OPTION</u> |
|----------------------------|----------------------|
| Main Menu | 3 |
| Purchase Order Main Menu | 2 |
| PO Administration Menu | 8 |
| using PO#2 (with no mod #) | |
| Price/Cost Query | |

1. Verify the price/cost data displayed for the Original Purchase Order is correct.
2. Verify the data displayed for the Cumulative Purchase Order is the total price/cost data that was entered for PO#2, Mod#1, Mod#2, and Mod#3.
3. Enter a 'C' in the OPTION field. Press <Enter>.
4. Verify that the screen title is "BROWSE PURCHASE ORDER COST/FEE HISTORY".
5. Using 'N' and 'P' in the OPTION field, browse the Cost History for this Purchase Order.
6. Enter an 'R' in the OPTION field. Press <Enter>.
7. Verify that you are returned to the "QUERY SMALL PURCHASE ORDER PRICE/COST DATA" screen.

| <u>FROM</u> | <u>CHOOSE OPTION</u> |
|--------------------------------------|----------------------|
| Main Menu | 3 |
| Purchase Order Main Menu | 2 |
| PO Administration Menu using PO#2 | 9 |
| PO Cost Tracking For PO#2 | |

1. Verify that the correct price/cost data is displayed for PO#2 and its associated mods.

| <u>FROM</u> | <u>CHOOSE OPTION</u> |
|--------------------------------------|----------------------|
| Main Menu | 3 |
| Purchase Order Main Menu | 2 |
| PO Administration Menu using PO#2 | 18 |
| Update PO Composite Record | |

1. Verify that the screen title is "UPDATE COMPOSITE PURCHASE ORDER DATA".
2. Change some of the data on the screen. Press <Enter>.
3. The message displayed should be "DATA UPDATED SUCCESSFULLY."

| <u>FROM</u> | <u>CHOOSE OPTION</u> |
|--|----------------------|
| Main Menu | 3 |
| Purchase Order Main Menu | 2 |
| PO Administration Menu using PO#2 (with no mod #) | 8 |
| Price/Cost Query | |

1. Verify that the changes made to the price/cost data in the previous test are displayed on this screen.

7.2 FACS Related Changes

Description of Change

Cost Tracking information was expanded for Purchase Orders as a result of CCR1277. The new cost fields will be reported in FACS. These new fields are as follows: TOTAL-PROFIT-FEE, BASE-VALUE-INCLUDING-OPTIONS, and COMPOSITE-VALUE-INCLUDING-OPTIONS.

**** IMPORTANT ****

These changes will not affect the current dataset size attributes. Only the record layout for Purchase Orders was affected.

Validation Procedures

| <u>FROM</u> | <u>CHOOSE OPTION</u> |
|-------------------------|----------------------|
| Main Menu | 7 |
| General Reports Menu | 2 |
| FACS Dataset Submission | |

Execute the Monthly FACS Submission option for a FACS Trial Run. The default Rec Reported Date and correction cutoff date may be used in order to pick up new records created previously during validation for this release. **Ensure the Trial Run option is chosen.** Verify all programs executed successfully. On the report generated from the FACS run in the Purchase Order section, the new cost tracking fields should appear in the row labeled 141 – 209 between the Price Estimated Cost and the Type of Service Product in the order of Total Profit Fee, Base Value Including Options, and Composite Value Including Options. To perform this task, select the core menu options or run using your site unique JCL.

| <u>FROM</u> | <u>CHOOSE OPTION</u> |
|-------------------------|----------------------|
| Main Menu | 7 |
| General Reports Menu | 2 |
| FACS Dataset Submission | |

Execute the Monthly FACS Submission option for an actual FACS run. (The dataset will not be sent to HQ unless you send it The default Rec Reported Date and correction cutoff date may be used in order to pick up new records created previously during validation for this release. **Ensure the Produce FACS Dataset option is chosen.** Verify all programs executed successfully. On the report generated from the FACS run in the Purchase Order section, the new cost tracking fields should appear in the row labeled 141 – 209 between the Price Estimated Cost and the Type of Service Product in the order of Total Profit Fee, Base Value Including Options, and Composite Value Including Options. To perform this task, select the core menu options or run using your site unique JCL.

| <u>MODULE ID</u> | <u>MODULE NAME</u> | <u>TYPE</u> |
|------------------|--|-------------|
| COMMON | GLOBAL DATA AREA | GDA |
| QCB80 | COST TRACKING - FINANCIAL DATA FOR CONTRACT MODIFICATION HISTORY QUERY | PGM |
| QEMSB33 | MAP FOR QSB33 | MAP |
| QEMSB34 | MAP FOR QSB34 | MAP |
| QEMSB35 | MAP FOR QSB35 | MAP |
| QEMSB37 | MAP FOR QSB37 | MAP |
| QEMSB38 | MAP FOR QSB38 | MAP |
| QEMSB80 | MAP FOR QSB80 | MAP |
| QEMSD01 | MAP1 FOR QSD01 | MAP |
| QEMSD01A | MAP2 FOR QSD01 | MAP |
| QEMSD01B | MAP3 FOR QSD01 | MAP |
| QGR08 | PO FACS TRIAL RUN | PGM |
| QGR15 | PO FACS DATASET CREATION | PGM |
| QSA00 | PO AWARD MENU | PGM |
| QSB00 | PO ADMINISTRATION MENU | PGM |
| QSB33 | COST TRACKING - FINANCIAL DATA FOR BASIC PURCHASE ORDER ADD | PGM |
| QSB34 | COST TRACKING - FINANCIAL DATA FOR BASIC PURCHASE ORDER UPDATE | PGM |
| QSB35 | COST TRACKING - FINANCIAL DATA FOR PURCHASE ORDER MODIFICATION ADD OR UPDATE | PGM |
| QSB37 | COST TRACKING - FINANCIAL DATA FOR BASIC PURCHASE ORDER INQUIRY | PGM |
| QSB38 | COST TRACKING - FINANCIAL DATA FOR PURCHASE ORDER MODIFICATION QUERY | PGM |
| QSB71 | PO COST TRACKING REPORT | PGM |
| QSB80 | COST TRACKING - FINANCIAL DATA FOR PURCHASE ORDER MODIFICATION HISTORY QUERY | PGM |
| QSD01 | UPDATE PURCHASE ORDER COMPOSITE RECORD | PGM |
| QSX33 | FRONT END PROGRAM TO ADD PRICE/COST DATA TO AN ORIGINAL PURCHASE ORDER AWARD | PGM |
| QSX34 | FRONT END PROGRAM TO UPDATE PRICE/COST DATA TO AN ORIGINAL PURCHASE ORDER AWARD | PGM |
| QSX35 | FRONT END PROGRAM TO ADD/UPDATE PRICE/COST DATA TO A PURCHASE ORDER MODIFICATION | PGM |
| QSX37 | FRONT END PROGRAM TO QUERY PRICE/COST DATA TO AN ORIGINAL PURCHASE ORDER AWARD | PGM |
| QSX38 | FRONT END PROGRAM TO QUERY PRICE/COST DATA TO A PURCHASE ORDER MODIFICATION | PGM |

8.0 Number 1278

Tracking GSA BPAs in AMS.

Description of Change

The Delivery Order function for Contracts has been mirrored for Purchase Orders.

Functional Impact

The user now has the capability to enter Delivery Orders in the Purchase Order module. The Delivery Orders will be reported in FACS as mod records. However, FACS did not require modification for these changes. Run a FACS trial run and FACS dataset creation following the validation procedures, but do not transmit the dataset after creating the FACS dataset. Review the reports generated for each job to verify the Delivery Orders have been reported.

Validation Procedures

Preparation:

1. Create and validate a Purchase Order (PO#1).
2. Using the Price/Est Cost Update Option, add valid data to the TOT PO VAL INCL OPTIONS field.

FROM

Main Menu
Purchase Order Main Menu
Delivery Orders

CHOOSE OPTION

3
4

1. Verify that the Purchase Order Delivery Order Menu is displayed.

FROM

Main Menu
Purchase Order Main Menu
PO Administration Menu
Delivery Order Menu

CHOOSE OPTION

3
2
19

1. Verify that the Purchase Order Delivery Order Menu is displayed.

FROM

Main Menu
Purchase Order Main Menu
Purchase Order Delivery Order Menu
using PO#1
Add a Delivery Order (DO#1)

CHOOSE OPTION

3
4
1

1. Add a valid Purchase Order Delivery Order.

FROM

Main Menu
Purchase Order Main Menu
Purchase Order Delivery Order Menu
 using DO#1
Update a Delivery Order

CHOOSE OPTION

3
4
2

1. Modify the Purchase Order Delivery Order.

FROM

Main Menu
Purchase Order Main Menu
Purchase Order Delivery Order Menu
 using DO#1
Query a PO Delivery Order

CHOOSE OPTION

3
4
3

1. Query the Purchase Order Delivery Order.
2. Verify that the information is correct.

FROM

Main Menu
Purchase Order Main Menu
Purchase Order Delivery Order Menu
 using DO#1
Add a PO Delivery Order Mod (DO Mod#1)

CHOOSE OPTION

3
4
1

1. Add a valid Purchase Order Delivery Order Mod.

FROM

Main Menu
Purchase Order Main Menu
Purchase Order Delivery Order Menu
 using DO Mod#1
Update a PO Delivery Order Mod

CHOOSE OPTION

3
4
2

1. Modify the Purchase Order Delivery Order Mod.

| <u>FROM</u> | <u>CHOOSE OPTION</u> |
|--|----------------------|
| Main Menu | 3 |
| Purchase Order Main Menu | 4 |
| Purchase Order Delivery Order Menu using DO Mod#1 | 3 |
| Query a PO Delivery Order Mod | |

1. Query the previous Purchase Order Delivery Order Mod.
2. Verify that the information is correct.

| <u>FROM</u> | <u>CHOOSE OPTION</u> |
|------------------------------------|----------------------|
| Main Menu | 3 |
| Purchase Order Main Menu | 4 |
| Purchase Order Delivery Order Menu | 4 |
| PO Delivery Order Browse Menu | |

1. Verify all the browse options work correctly.
2. Verify the PO Delivery Order and the PO Delivery Order Mod that were added earlier show in the browse display.

| <u>FROM</u> | <u>CHOOSE OPTION</u> |
|--|----------------------|
| Main Menu | 3 |
| Purchase Order Main Menu | 4 |
| Purchase Order Delivery Order Menu using DO#1 | 5 |
| Price/Cost PO Delivery Order Update | |

1. Add price/cost information to the Purchase Order Delivery Order.
2. Verify the information updated correctly.

| <u>FROM</u> | <u>CHOOSE OPTION</u> |
|--|----------------------|
| Main Menu | 3 |
| Purchase Order Main Menu | 4 |
| Purchase Order Delivery Order Menu using DO#1 | 6 |
| Query Price/Cost PO Delivery Order | |

1. Query the Purchase Order Delivery Order price/cost information.
2. Verify the information displays correctly.

FROM

Main Menu
Purchase Order Main Menu
Purchase Order Delivery Order Menu
using DO Mod#1
Price/Cost PO Delivery Order Mod Update

CHOOSE OPTION

3
4
5

1. Modify the previous price/cost information.
2. Verify the information updated correctly.

FROM

Main Menu
Purchase Order Main Menu
Purchase Order Delivery Order Menu
using DO Mod#1
Query Price/Cost PO Delivery Order Mod

CHOOSE OPTION

3
4
6

1. Query the previous price/cost information.
2. Verify the information displays correctly.

FROM

Main Menu
Purchase Order Main Menu
Purchase Order Delivery Order Menu
using DO#1
Query Composite PO Delivery Order

CHOOSE OPTION

3
4
7

1. Query the composite Purchase Order Delivery Order.
2. Verify the information displays correctly.

Preparation:

1. Using PO#1, create another PO Delivery Order (DO#2).
2. Add a Mod to this PO Delivery Order (DO Mod#2).

FROM

CHOOSE OPTION

Main Menu

3

Purchase Order Main Menu

4

**Purchase Order Delivery Order Menu
using DO Mod#2**

9

Delete PO Delivery Order Modification

1. Delete DO Mod#2.
2. Using Option 3 (Query a PO Delivery Order/PO Delivery Order Mod), verify that DO Mod#2 does not exist.
3. Using Option 3 (Query a PO Delivery Order/PO Delivery Order Mod), verify that DO #2 does exist.

FROM

CHOOSE OPTION

Main Menu

3

Purchase Order Main Menu

4

**Purchase Order Delivery Order Menu
using DO#2**

8

Delete an Entire PO Delivery Order

1. Delete DO#2.
2. Using Option 3 (Query a PO Delivery Order/PO Delivery Order Mod), verify that DO#2 does not exist.

FROM

CHOOSE OPTION

Main Menu

1. Enter '?' on the DIRECT COMMAND line. Press <Enter>.
2. The DIRECT COMMAND pop-up window should appear.
3. Enter a '4' in the OPTION field. Press<Enter>.
4. A pop-up window with VALID KEYWORD COMBINATIONS should appear.
5. Press <Enter> to scroll through the Valid Keyword Combinations.
6. Verify that "GOTO POS BROWSE" and "GOTO POS DELIVERYORDERS" are on the list of Valid Keyword Combinations.
7. Enter an 'R' in the OPTION field. Press <Enter>.
8. Enter "GOTO POS BROWSE on the Direct Command line. Press <Enter>.
9. The PO Browse Menu should be displayed.
10. Enter "GOTO POS DELIVERYORDERS" on the Direct Command line. Press <Enter>.
11. The Purchase Order Delivery Order Menu should be displayed.

| <u>MODULE ID</u> | <u>MODULE NAME</u> | <u>TYPE</u> |
|------------------|--|-------------|
| COMMON | GLOBAL DATA AREA | GDA |
| NADO02PA | ADD/UPDATE DELIVERY ORDER MODS | PGM |
| NADO04PB | BROWSE DELIVERY ORDERS | PGM |
| NADO08PA | DELETE ENTIRE DELIVERY ORDER | PGM |
| NADO09PA | DELETE PO DELIVERY ORDER MODIFICATION | PGM |
| NAMSCP | COMMAND PROCESSOR | PRCSR |
| NASG00MA | MAP FOR QSG00 | MAP |
| QCA11 | CONTRACT FILE BROWSE BY CONTRACT NUMBER | PGM |
| QCA12 | CONTRACT FILE BROWSE BY ORGANIZATION CODE | PGM |
| QCA13 | CONTRACT FILE BROWSE BY AWARD DATE | PGM |
| QCA14 | CONTRACT FILE BROWSE BY COMPL DATE | PGM |
| QCA15 | CONTRACT FILE BROWSE BY KIND OF ACTION | PGM |
| QCA16 | CONTRACT FILE BROWSE BY ADMINISTRATOR CODE | PGM |
| QCA17 | CONTRACT FILE BROWSE BY COMPL DATE | PGM |
| QCB00 | CONTRACT ADMINISTRATION MENU | PGM |
| QSA61 | PO FILE BROWSE BY PO NUMBER | PGM |
| QSA62 | PO FILE BROWSE BY ORGANIZATION CODE | PGM |
| QSA63 | PO FILE BROWSE BY AWARD DATE | PGM |
| QSA64 | PO FILE BROWSE BY COMPL DATE | PGM |
| QSA65 | PO FILE BROWSE BY KIND OF ACTION | PGM |
| QSA67 | PO FILE BROWSE BY ADMINISTRATOR CODE | PGM |
| QSA68 | PO FILE BROWSE BY REQUIRED DELIVERY DATE | PGM |
| QSB00 | PO ADMINISTRATION MENU | PGM |
| QSB60 | PO DELETION | PGM |
| QSB71 | PO COST TRACKING REPORT | PGM |
| QSD01 | UPDATE PURCHASE ORDER COMPOSITE RECORD | PGM |
| QSDO00MA | MAP FOR QSDO00PA | MAP |
| QSDO00PA | PO DELIVERY ORDER MENU | PGM |
| QSDO01MA | MAP FOR QSDO01PA | MAP |
| QSDO01NA | COMPOSITE FIELD UPDATE FOR DO'S BASED UPON AWARD-DATE OR REC-ADDED-DATE | SUBP |
| QSDO01NB | COMPOSITE FIELD UPDATE FOR PO DO'S BASED ON MOD NUMBER | SUBP |
| QSDO01NC | EDIT FIELDS FOR PO DELIVERY ORDERS | SUBP |
| QSDO01ND | COMPOSITE FIELD UPDATE FOR PO DO'S BASED UPON AWARD-DATE OR REC-ADDED-DATE | SUBP |
| QSDO01NE | COMPOSITE FIELD UPDATE FOR PO DO'S BASED ON MOD NUMBER | SUBP |
| QSDO01PA | ADD/UPDATE PO DELIVERY ORDERS | PGM |
| QSDO02MA | MAP FOR QSDO02PA | MAP |
| QSDO02NA | GENERIC TWO BYTE ALPHANUMERIC FIELD EDIT | SUBP |
| QSDO02PA | ADD/UPDATE PO DELIVERY ORDER MODS | PGM |
| QSDO03MA | MAP1 FOR QSDO03PA | MAP |
| QSDO03MB | MAP2 FOR QSDO03PA | MAP |

| | | |
|----------|---------------------------------------|-----|
| QSDO03PA | QUERY PO DELIVERY ORDER | PGM |
| QSDO04MA | MAP FOR QSDO04PA | MAP |
| QSDO04MB | MAP FOR QSDO04PB | MAP |
| QSDO04PA | BROWSE PO DELIVERY ORDER MENU | PGM |
| QSDO04PB | BROWSE PO DELIVERY ORDERS | PGM |
| QSDO05MA | MAP1 FOR QSDO05PA | MAP |
| QSDO05MB | MAP2 FOR QSDO05PA | MAP |
| QSDO05MC | MAP3 FOR QSDO05PA | MAP |
| QSDO05MD | MAP4 FOR QSDO05PA | MAP |
| QSDO05PA | PRICE/COST UPDATE / MOD | PGM |
| QSDO06MA | MAP1 FOR QSDO06PA | MAP |
| QSDO06MB | MAP2 FOR QSDO06PA | MAP |
| QSDO06PA | QUERY PRICE/COST DEL ORDER/MOD | PGM |
| QSDO07MA | MAP FOR QSDO07PA | MAP |
| QSDO07PA | QUERY COMPOSITE PO DELIVERY ORDER | PGM |
| QSDO08MA | MAP FOR QSDO08PA | MAP |
| QSDO08PA | DELETE ENTIRE PO DELIVERY ORDER | PGM |
| QSDO09MA | MAP FOR QSDO09PA | MAP |
| QSDO09PA | DELETE PO DELIVERY ORDER MODIFICATION | PGM |
| QSG00 | PURCHASE ORDER MAIN MENU | PGM |

9.0 Number 1282

Option Tracking on Purchase Orders.

Description of Change

The Administration Update function for Contracts has been mirrored for Purchase Orders.

Functional Impact

The user now has the Administration Update function in the Purchase Order module.

Validation Procedures

Preparation:

1. Create a Purchase Order (PO#1) with 507 REQUIRED field = 'Y'. Validate this PO.

FROM

Main Menu

Purchase Order Main Menu

PO Administration Menu

CHOOSE OPTION

3

2

1. Verify that Option Five is PO ADMINISTRATION UPDATE.
2. Verify that Option Six is PO ADMINISTRATION QUERY.

FROM

Main Menu

Purchase Order Main Menu

PO Administration Menu

using PO#1

Purchase Order Administration Update

CHOOSE OPTION

3

2

5

1. Enter purchase order administration information. Press <Enter>.
2. The message displayed should be "UPDATE SUCCESSFUL."
3. Enter a 'V' in the OPTION field. Press <Enter>.
4. Follow the purchase order through to validation.

FROM

Main Menu

Purchase Order Main Menu

PO Administration Menu

using PO#1

Purchase Order Administration Query

CHOOSE OPTION

3

2

6

1. Query the administration information entered in the test above and verify that the information is correct.

| <u>FROM</u> | <u>CHOOSE OPTION</u> |
|--------------------------------------|----------------------|
| Main Menu | 3 |
| Purchase Order Main Menu | 2 |
| PO Administration Menu using PO#1 | 5 |
| Purchase Order Administration Update | |

1. Change some of the administration information.

| <u>FROM</u> | <u>CHOOSE OPTION</u> |
|--------------------------------------|----------------------|
| Main Menu | 3 |
| Purchase Order Main Menu | 2 |
| PO Administration Menu Using PO#1 | 6 |
| Purchase Order Administration Query | |

1. Verify that the changes made to the administration information are displayed correctly.

| <u>MODULE ID</u> | <u>MODULE NAME</u> | <u>TYPE</u> |
|------------------|---|-------------|
| QSB10 | PURCHASE ORDER ADMINISTRATION UPDATE | PGM |
| QSB15 | PURCHASE ORDER ADMINISTRATION QUERY | PGM |
| QSB00 | PO ADMINISTRATION MENU | PGM |
| QSB71 | PO COST TRACKING REPORT | PGM |
| QSD01 | UPDATE PURCHASE ORDER COMPOSITE RECORD | PGM |

10.0 Number 1285

Need to be able to fill in the delegation field on Page 2 in the Purchase Order module.

Description of Change

When the user enters a 'Y' in the CONTRACT ADMIN DELEGATED field on Page 2 of a Purchase Order, a pop-up window (UPDATE DELEGATION TYPES) will appear that allows the user to update the "DELEG" fields on the Purchase Order file.

The following fields were added to the Purchase Order file: BLANKET-DELEGATION, DELEG-CLOSEOUT, DELEG-CONSENT-TO-SUBCONTRACT, DELEG-COST-ACCT-STANDARDS, DELEG-ENGINEERING/PROD-SURV, DELEG-OTHER, DELEG-POST-AWD-AUDIT, DELEG-PROP-ADMIN, DELEG-QUALITY-ASSURANCE, DELEG-SECURITY, and DELEG-TRANSPORTATION.

Functional Impact

When the user enters a 'Y' in the CONTRACT ADMIN DELEGATED field on Page 2 of a Purchase Order, a pop-up window (UPDATE DELEGATION TYPES) will appear that allows the user to update the "DELEG" fields on the Purchase Order file.

Validation Procedures

Preparation:

1. Create and validate a Purchase Order (PO#1).

| <u>FROM</u> | <u>CHOOSE OPTION</u> |
|---|----------------------|
| Main Menu | 3 |
| Purchase Order Main Menu | 1 |
| Purchase Order Award Menu using PO#1 | 7 |
| PO Award Update Screen – Page 1 | P2 |
| PO Award Update Screen – Page 2 | |

1. Enter a 'Y' in the CONTRACT ADMIN DELEGATED field. Press <Enter>.
2. The UPDATE DELEGATION TYPES window should be displayed. Press <Enter>.
3. The message displayed should be "AT LEAST ONE DELEGATION FIELD MUST = Y."
4. Enter a 'Y' in the BLANKET DELEGATION field. Press <Enter>.
5. The window will disappear. The message displayed should be "DATA HAS BEEN UPDATED. VALIDATION OF DATA IS REQUIRED."
6. Press <Enter> to go to Page 3.
7. Enter 'P2' in the OPTION field. Press <Enter>.
8. Press enter to bring up the UPDATE DELEGATION TYPES window.
9. Verify that all the delegated fields in the window are filled with a 'Y'.
10. Enter a 'N' in the BLANKET DELEGATION field and the DELEG POST AWARD AUDIT field. Press <Enter>.

11. The window will disappear. The message displayed should be "DATA HAS BEEN UPDATED. VALIDATION OF DATA IS REQUIRED."
12. Press <Enter> to go to Page 3.
13. Enter 'P2' in the OPTION field. Press <Enter>.
14. Press enter to bring up the UPDATE DELEGATION TYPES window.
15. Verify that the BLANKET DELEGATION and DELEG POST AWARD AUDIT fields are filled with a 'N' and all the other delegated fields in the window are filled with a 'Y'.
16. Press <Enter>.
17. The window will disappear. The message displayed should be "DATA HAS BEEN UPDATED. VALIDATION OF DATA IS REQUIRED."
18. Press <Enter> to go to Page 3.
19. Enter 'P2' in the OPTION field. Press <Enter>.
20. Enter a 'N' in the CONTRACT ADMIN DELEGATED field. Press <Enter>.
21. The message displayed should be "DATA HAS BEEN UPDATED. VALIDATION OF DATA IS REQUIRED."
22. Press <Enter> to go to Page 3.
23. Enter 'P2' in the OPTION field. Press <Enter>.
24. Enter a 'Y' in the BLANKET DELEGATION field. Press <Enter>.
25. Press enter to bring up the UPDATE DELEGATION TYPES window.
26. Verify that all the delegated fields in the window are filled with an 'N'.
27. Enter a 'Y' in the DELEG OTHER field. Press <Enter>.
28. The window will disappear. The message displayed should be "DATA HAS BEEN UPDATED. VALIDATION OF DATA IS REQUIRED."

| <u>MODULE ID</u> | <u>MODULE NAME</u> | <u>TYPE</u> |
|------------------|---|-------------|
| QEMSA17 | MAP FOR QSA17 | MAP |
| QEMSA25A | MAP FOR QSA25 | MAP |
| QENCS01 | COMPOSITE FIELD UPDATE (PURCHASE ORDERS) | SUBP |
| QENCS02 | COMPOSITE FIELD UPDATE (PO-BY MOD) | SUBP |
| QEWSA25 | UPDATE DELEGATION TYPES FOR PURCHASE ORDERS | SUBP |
| QEWSA27 | QUERY DELEGATION TYPES – PURCHASE ORDERS | SUBP |
| QGU01 | UPDATE SYSTEM GENERATED FLAGS AND DATES | PGM |
| QGU02 | CHANGE THE DOCUMENT OR MOD NUMBER FOR A CONTRACT, PO, OR GRANT | PGM |
| QSA17 | PO SHORT FORM UPDATE | PGM |
| QSA17L | LOCAL DATA AREA FOR QSA17 | LDA |
| QSA21 | PO AWARD UPDATE SCREEN #1 - 507 FORM | PGM |
| QSA25 | PO AWARD UPDATE PAGE 2 | PGM |
| QSA27 | PO AWARD QUERY PAGE 2 | PGM |
| QSB50 | PO MODIFICATION ADDITION | PGM |
| QSB51 | PO MODIFICATION UPDATE | PGM |
| QSB53 | SMALL PO MODIFICATION ADDITION | PGM |
| QSB54 | SMALL PO MODIFICATION UPDATE | PGM |
| QSB61 | PO MOD DELETION | PGM |

APPENDIX D
INSTALLATION INSTRUCTIONS
FOR AMS SOFTWARE RELEASE 7.6.0

INSTALLATION INSTRUCTIONS AND CHECKLIST FOR AMS SOFTWARE RELEASE 7.6.0

Introduction

Release information:

System Name: AMS
Release Number: 7.6.0
Release Date: March 29, 2002
Effective Date: March 29, 2002

The following datasets are located on the transient storage DASD volumes under the following data sets names:

- xxMOV.AMS.PROD.R760.R0302.NCP
- xxMOV.AMS.PROD.R760.R0302.PRD
- xxMOV.AMS.PROD.R760.R0302.SRC
- xxMOV.AMS.PROD.R760.R0302.TBL050

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.R760.R0302.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 | 1 |
| MAPS | 43 |
| HELP ROUTINES | 0 |
| SUBROUTINES | 0 |
| SUBPROGRAMS | 12 |
| PROGRAMS | 79 |
| COPYCODE | 0 |
| TEXT | 0 |
| PROCESS | 1 |
| MISCELLANEOUS OBJECTS | 0 |
| Total: | 137 |

2.2 List of Source Code Modifications

The following are the modules added, modified and deleted.

Added Modules:

- | | | |
|-------------|---------------|-----|
| 1. QEMSA25A | Map for QSA25 | Map |
| 2. QEMSB33 | Map for QSB33 | Map |
| 3. QEMSB34 | Map for QSB34 | Map |
| 4. QEMSB35 | Map for QSB35 | Map |

| | | |
|------------|---|------------|
| 5. QEMSB37 | Map for QSB37 | Map |
| 6. QEMSB38 | Map for QSB38 | Map |
| 7. QEMSB80 | Map for QSB80 | Map |
| 8. QEWSA25 | Update Delegation Types for Purchase Orders | Subprogram |
| 9. QEWSA27 | Query Delegation Types – Purchase Orders | Subprogram |
| 10. QNA26 | Grant Remarks Add/Update | Program |
| 11. QSB10 | Purchase Order Administration Update | Program |
| 12. QSB15 | Purchase Order Administration Query | Program |
| 13. QSB33 | Cost Tracking - Financial Data for Basic Purchase Order Add | Program |
| 14. QSB34 | Cost Tracking - Financial Data for Basic Purchase Order Update | Program |
| 15. QSB35 | Cost Tracking - Financial Data for Purchase Order Modification Add or Update | Program |

| | | |
|--------------|--|------------|
| 16. QSB37 | Cost Tracking - Financial Data for Basic Purchase Order Inquiry | Program |
| 17. QSB38 | Cost Tracking - Financial Data for Purchase Order Modification Query | Program |
| 18. QSB80 | Cost Tracking – Financial Data for Purchase Order Modification History Query | Program |
| 19. QSDO00MA | Map for QSDO00PA | Map |
| 20. QSDO00PA | PO Delivery Order Menu | Program |
| 21. QSDO01MA | Map for QSDO01PA | Map |
| 22. QSDO01NA | Composite Field Update for DO's Based Upon Award-Date or Rec-Added-Date | Subprogram |
| 23. QSDO01NB | Composite Field Update for PO DO's Based on Mod Number | Subprogram |
| 24. QSDO01NC | Edit Fields for PO Delivery Orders | Subprogram |
| 25. QSDO01ND | Composite Field Update for PO DO's Based Upon Award-Date or Rec-Added-Date | Subprogram |
| 26. QSDO01NE | Composite Field Update for PO DO's Based on Mod Number | Subprogram |
| 27. QSDO01PA | Add/Update PO Delivery Orders | Program |
| 28. QSDO02MA | Map for QSDO02PA | Map |
| 29. QSDO02NA | Generic Two Byte Alphanumeric Field Edit | Subprogram |
| 30. QSDO02PA | Add/Update PO Delivery Order Mods | Program |
| 31. QSDO03MA | Map1 for QSDO03PA | Map |
| 32. QSDO03MB | Map2 for QSDO03PA | Map |
| 33. QSDO03PA | Query PO Delivery Order | Program |
| 34. QSDO04MA | Map for QSDO04PA | Map |
| 35. QSDO04MB | Map for QSDO04PB | Map |
| 36. QSDO04PA | Browse PO Delivery Order Menu | Program |
| 37. QSDO04PB | Browse PO Delivery Orders | Program |
| 38. QSDO05MA | Map1 for QSDO05PA | Map |
| 39. QSDO05MB | Map2 for QSDO05PA | Map |
| 40. QSDO05MC | Map3 for QSDO05PA | Map |
| 41. QSDO05MD | Map4 for QSDO05PA | Map |
| 42. QSDO05PA | Price/Cost Update / Mod | Program |
| 43. QSDO06MA | Map1 for QSDO06PA | Map |
| 44. QSDO06MB | Map2 for QSDO06PA | Map |
| 45. QSDO06PA | Query Price/Cost Del Order/Mod | Program |
| 46. QSDO07MA | Map for QSDO07PA | Map |
| 47. QSDO07PA | Query Composite PO Delivery Order | Program |
| 48. QSDO08MA | Map for QSDO08PA | Map |
| 49. QSDO08PA | Delete Entire PO Delivery Order | Program |
| 50. QSDO09MA | Map for QSDO09PA | Map |
| 51. QSDO09PA | Delete PO Delivery Order Modification | Program |

Added Site Unique Modules:

| | | |
|----------|--|---------|
| 1. QSX33 | Front End Program to Add Price/Cost Data to an Original Purchase Order Award | Program |
| 2. QSX34 | Front End Program to Update Price/Cost Data to an Original Purchase Order Award | Program |
| 3. QSX35 | Front End Program to Add/Update Price/Cost Data to a Purchase Order Modification | Program |
| 4. QSX37 | Front End Program to Query Price/Cost Data to an Original Purchase Order Award | Program |

| | | |
|----------|--|---------|
| 5. QSX38 | Front End Program to Query Price/Cost Data to a Purchase Order Modification | Program |
|----------|--|---------|

Changed Modules:

| | | |
|--------------|---|------------|
| 1. COMMON | Global Data Area | Global |
| 2. NADO01NC | Edit Fields for Delivery Orders | Subprogram |
| 3. NADO02MA | Map for NADO02PA | Map |
| 4. NADO02PA | Add/Update Delivery Order Mods | Program |
| 5. NADO04PB | Browse Delivery Orders | Program |
| 6. NADO08PA | Delete Entire Delivery Order | Program |
| 7. NADO09PA | Delete PO Delivery Order Modification | Program |
| 8. NAMSCP | Command Processor | Processor |
| 9. NASG00MA | Map for QSG00 | Map |
| 10. QCA11 | Contract File Browse by Contract Number | Program |
| 11. QCA12 | Contract File Browse by Organization Code | Program |
| 12. QCA13 | Contract File Browse by Award Date | Program |
| 13. QCA14 | Contract File Browse by Compl Date | Program |
| 14. QCA15 | Contract File Browse by Kind of Action | Program |
| 15. QCA16 | Contract File Browse by Administrator Code | Program |
| 16. QCA17 | Contract File Browse by Compl Date | Program |
| 17. QCA23 | Contract Award Update – Page 3 | Program |
| 18. QCA89 | PPC Edit Value Display For 507 Error Help | Program |
| 19. QCB00 | Contract Administration Menu | Program |
| 20. QCB20 | Contract Award Fee Update | Program |
| 21. QCB25 | Contract Award Fee Query | Program |
| 22. QCB50 | Add Contract Mod | Program |
| 23. QCB51 | Update Contract Mod | Program |
| 24. QCB80 | Cost Tracking – Financial Data for Contract Modification History Query | Program |
| 25. QCC77 | Contracts Received in Closeout By Administrator | Program |
| 26. QEMCB50 | Map1 for QCB50 | Map |
| 27. QEMCB50A | Map2 for QCB50 | Map |
| 28. QEMCB52 | Map for QCB52 | Map |
| 29. QEMNB50 | Map1 for QNB50 | Map |
| 30. QEMNB50A | Map2 for QNB50 | Map |
| 31. QEMNB51A | Map for QNB51 | Map |
| 32. QEMNB52 | Map for QNB52 | Map |
| 33. QEMSA17 | Map for QSA17 | Map |
| 34. QEMSB50 | Map1 for QSB50 | Map |
| 35. QEMSB50A | Map2 for QSB50 | Map |
| 36. QEMSB51A | Map for QSB51 | Map |
| 37. QEMSB53 | Map1 for QSB53 | Map |
| 38. QEMSB53A | Map2 for QSB53 | Map |
| 39. QEMSB54A | Map for QSB54 | Map |
| 40. QEMSB55 | Map for QSB55 | Map |
| 41. QEMSD01 | Map1 for QSD01 | Map |
| 42. QEMSD01A | Map2 for QSD01 | Map |
| 43. QEMSD01B | Map3 for QSD01 | Map |
| 44. QENCA85 | Exception Edit Subprogram | Subprogram |
| 45. QENCS01 | Composite Field Update (Purchase Orders) | Subprogram |

| | | |
|-------------|--|------------|
| 46. QENCS02 | Composite Field Update (PO-By Mod) | Subprogram |
| 47. QGM00 | Session Initialization | Program |
| 48. QGR08 | PO FACS Trial Run | Program |
| 49. QGR15 | PO FACS Dataset Creation | Program |
| 50. QGU01 | Update System Generated Flags and Dates | Program |
| 51. QGU02 | Change the Document or Mod Num for a Contract, PO, or Grant | Program |
| 52. QNA00 | Grant Award Menu | Program |
| 53. QNB50 | Grant Supplement Addition | Program |
| 54. QNB51 | Grant Supplement Update | Program |
| 55. QNC10 | Query Closeout Data for a Grant | Program |
| 56. QNC20 | Update Closeout Data for a Grant | Program |
| 57. QSA00 | PO Award Menu | Program |
| 58. QSA17 | PO Short Form Update | Program |
| 59. QSA17L | Local Data Area for QSA17 | Local |
| 60. QSA21 | PO Award Update Screen #1 – 507 Form | Program |
| 61. QSA23 | PO Award Update – Page 3 | Program |
| 62. QSA25 | PO Award Update – Page 2 | Program |
| 63. QSA27 | PO Award Query – Page 2 | Program |
| 64. QSA61 | PO File Browse by PO Number | Program |
| 65. QSA62 | PO File Browse by Organization Code | Program |
| 66. QSA63 | PO File Browse by Award Date | Program |
| 67. QSA64 | PO File Browse by Compl Date | Program |
| 68. QSA65 | PO File Browse by Kind of Action | Program |
| 69. QSA67 | PO File Browse by Administrator Code | Program |
| 70. QSA68 | PO File Browse by Required Delivery Date | Program |
| 71. QSB00 | PO Administration Menu | Program |
| 72. QSB50 | PO Modification Addition | Program |
| 73. QSB51 | PO Modification Update | Program |
| 74. QSB53 | Small PO Modification Addition | Program |
| 75. QSB54 | Small PO Modification Update | Program |
| 76. QSB60 | PO Deletion | Program |
| 77. QSB61 | PO Mod Deletion | Program |
| 78. QSB71 | PO Cost Tracking Report | Program |
| 79. QSD01 | Update Purchase Order Composite Record | Program |
| 80. QSG00 | Purchase Order Main Menu | Program |

Deleted Modules:

| | | |
|-------------|----------------------|---------|
| 1. NASB34MA | Map for NASB34PA | Map |
| 2. NASB34PA | PO Price/Cost Update | Program |
| 3. NASB37MA | Map for NASB37PA | Map |
| 4. NASB37PA | PO Price/Cost Query | Program |

The following program was created for Emergency Release 7.5.0:

1. CCR1289 Adhoc to read a work file and add or update the 507 edits on Table 50

(This program should be deleted after you successfully install this release in production.)

2.3 Copy Object Code

Load the AMS Command Processor object from dataset xxMOV.AMS.PROD.R760.R0302.NCP. The Command Processor was unloaded using the Natural utility NATUNLD. Using NATLOAD, it will load into the application library LAMSPROD, replacing the object code for the same. The object module counts included in this release are listed below:

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

3.0 Pre-Predict Data Conversion

Not applicable with this release.

4.0 Install Predict

4.1 Data Dictionary Changes

This release includes the enhancements for version 7.6.0. Details for changes in this release can be found under paragraph 4.1.3, Physical File Changes, or by performing Predict reporting on the keyword AMS-7.6.0.

Use SYSDICBE to load the PREDICT modifications from the dataset xxMOV.AMS.PROD.R760.R0302.PRD.

The following ams Data Definition Modules (DDMs) should be generated after the PREDICT load is complete.

PURCHASE-ORDER-FILE
GRANT-FILE
AMS-PO-DLVRY-ORDR-FILE

*** AMS-PO-DLVRY-ORDR-FILE NEEDS UPDATE LINK TO LAMSPROD BEFORE CATALL ***

4.1.1 Inventory of Objects

The object types and inventory listed below represent a comprehensive count of the PREDICT object modules for this release.

Predict Objects by Type:

| | |
|------------------------|----|
| Keyword | 1 |
| Standard Files | 1 |
| Conceptual Files | 0 |
| ADABAS Files and Views | 11 |

4.1.2 Storage Considerations

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

4.1.3 Physical File Changes

Use the ADABAS Utility commands listed below to build the JCL for the file changes. Cut and paste the ADADBS control statements directly into the TSO ISPF editor. Call RICK BISHOP (256)544-5352 with any questions or problems.

Add the following fields:

| GRANT-FILE | | | File # 203 | | | | | | |
|------------|---|------------------|------------|--------|-------|---|---|----|---|
| Ty | L | Field ID | F | Length | Occ | D | U | DB | S |
| *-- | - | ----- | *-- | ----- | ----- | * | * | -- | * |
| PE | 1 | GRANT-RMRKS | | | 99 | | | AC | |
| | 2 | GRANT-RMRKS-TEXT | A | 60.0 | | | | AG | N |
| | 2 | GRANT-RMRKS-DATE | N | 8.0 | | | | AI | N |

Using the following commands:

```
//DDKARTE DD *
ADADBS NEWFIELD FILE=203
ADADBS FNDEF='01,AC,PE'
ADADBS FNDEF='02,AG,60,A,NU'
ADADBS FNDEF='02,AI,8,U,NU'
/*
```

Add the following fields:

| PURCHASE-ORDER-FILE | | | File # 204 | | | | | | |
|---------------------|---|--------------------------------|------------|--------|-------|---|---|----|---|
| Ty | L | Field ID | F | Length | Occ | D | U | DB | S |
| *-- | - | ----- | *-- | ----- | ----- | * | * | -- | * |
| | 1 | AWARD-FEE | N | 9.2 | | | | CU | N |
| | 1 | BASE-FEE | N | 9.2 | | | | CV | N |
| | 1 | BLANKET-DELEGATION | A | 1.0 | | | | CW | N |
| | 1 | COST-OBLIGATION | N | 9.2 | | | | CX | N |
| | 1 | DELEG-CLOSEOUT | A | 1.0 | | | | DC | N |
| | 1 | DELEG-CONSENT-TO-SUBCONTRACT | A | 1.0 | | | | DD | N |
| | 1 | DELEG-COST-ACCT-STANDARDS | A | 1.0 | | | | DF | N |
| | 1 | DELEG-ENGINEERING/PROD-SURV | A | 1.0 | | | | DG | N |
| | 1 | DELEG-OTHER | A | 1.0 | | | | DH | N |
| | 1 | DELEG-POST-AWD-AUDIT | A | 1.0 | | | | DI | N |
| | 1 | DELEG-PROP-ADMIN | A | 1.0 | | | | DJ | N |
| | 1 | DELEG-QUALITY-ASSURANCE | A | 1.0 | | | | DK | N |
| | 1 | DELEG-SECURITY | A | 1.0 | | | | DL | N |
| | 1 | DELEG-TERMINATION | A | 1.0 | | | | DM | N |
| | 1 | DELEG-TRANSPORTATION | A | 1.0 | | | | DN | N |
| | 1 | FEE-DETER-OFFICIAL | A | 15.0 | | | | DO | N |
| | 1 | FEE-OBLIGATION | N | 9.2 | | | | DP | N |
| | 1 | INCENTIVE-FEE | N | 9.2 | | | | DQ | N |
| | 1 | TOT-PROFIT/FEE | N | 9.2 | | | | DR | N |
| | 1 | NEGOTIATOR-CODE | A | 3.0 | | | D | DS | N |
| | 1 | COTR-VERIFICATION | N | 8.0 | | | | DT | N |
| | 1 | DCAA-ACCEPT-DATE | N | 8.0 | | | | DU | N |
| | 1 | DCAA-ADMINISTRATOR | A | 15.0 | | | | DV | N |
| | 1 | DCAA-VID | A | 7.0 | | | D | DW | N |
| | 1 | DCAS-ACCEPT-DATE | N | 8.0 | | | | ED | N |
| | 1 | DCAS-ADMINISTRATOR | A | 15.0 | | | | EE | N |
| | 1 | DCAS-VID | A | 7.0 | | | D | EF | N |
| | 1 | ESTIMATED-COST-OF-CHANGE-ORDER | N | 9.2 | | | | EG | N |

| | | | | | | |
|------|-------------------------|---|-----|---|----|---|
| 1 | PATENT-WAIVER | A | 1.0 | | EH | N |
| 1 | PERCENT-COMPLETE | N | 3.0 | | EI | N |
| 1 | PO-DCAA-SENT-DATE | N | 8.0 | | EJ | N |
| 1 | PO-DCMC-SENT-DATE | N | 8.0 | | EK | N |
| 1 | TOT-PO-VAL-INCL-OPTIONS | N | 9.2 | | EL | N |
| MU 1 | POP-OPTION-DATE | N | 8.0 | 4 | EM | N |

Using the following commands:

```
//DDKARTE DD *
ADADBS NEWFIELD FILE=204
ADADBS FNDEF='01,CU,11,U,NU'
ADADBS FNDEF='01,CV,11,U,NU'
ADADBS FNDEF='01,CW,1,A,NU'
ADADBS FNDEF='01,CX,11,U,NU'
ADADBS FNDEF='01,DC,1,A,NU'
ADADBS FNDEF='01,DD,1,A,NU'
ADADBS FNDEF='01,DF,1,A,NU'
ADADBS FNDEF='01,DG,1,A,NU'
ADADBS FNDEF='01,DH,1,A,NU'
ADADBS FNDEF='01,DI,1,A,NU'
ADADBS FNDEF='01,DJ,1,A,NU'
ADADBS FNDEF='01,DK,1,A,NU'
ADADBS FNDEF='01,DL,1,A,NU'
ADADBS FNDEF='01,DM,1,A,NU'
ADADBS FNDEF='01,DN,1,A,NU'
ADADBS FNDEF='01,DO,15,A,NU'
ADADBS FNDEF='01,DP,11,U,NU'
ADADBS FNDEF='01,DQ,11,U,NU'
ADADBS FNDEF='01,DR,11,U,NU'
ADADBS FNDEF='01,DS,3,A,NU,DE'
ADADBS FNDEF='01,DT,8,U,NU'
ADADBS FNDEF='01,DU,8,U,NU'
ADADBS FNDEF='01,DV,15,A,NU'
ADADBS FNDEF='01,DW,7,A,NU,DE'
ADADBS FNDEF='01,ED,8,U,NU'
ADADBS FNDEF='01,EE,15,A,NU'
ADADBS FNDEF='01,EF,7,A,NU,DE'
ADADBS FNDEF='01,EG,11,U,NU'
ADADBS FNDEF='01,EH,1,A,NU'
ADADBS FNDEF='01,EI,3,U,NU'
ADADBS FNDEF='01,EJ,8,U,NU'
ADADBS FNDEF='01,EK,8,U,NU'
ADADBS FNDEF='01,EL,11,U,NU'
ADADBS FNDEF='01,EM,8,U,NU,MU'
/*
```

Add the following new empty file using ADACMP and ADALOD:

*** NEW FILE NEEDS NATURAL SECURITY UPDATE LINK TO LAMSPROD

| AMS-PO-DLVRY-ORDR-FILE | | File 214 | | | | | | | |
|------------------------|---|---------------------------|----|--------|-------|---|---|----|---|
| Ty | L | Field ID | F | Length | Occ | D | U | DB | S |
| *- | - | ----- | *- | ----- | ----- | * | * | -- | * |
| 1 | | ADMINISTRATOR-CODE | A | 3.0 | | D | | AA | N |
| 1 | | AWARD-DATE | N | 8.0 | | D | | AB | |
| 1 | | AWARD-FEE | N | 9.2 | | | | AC | N |
| 1 | | BASE-FEE | N | 9.2 | | | | AD | N |
| 1 | | CENTER-KIND-OF-ACTION | A | 2.0 | | | | AE | |
| 1 | | CONTRACTING-OFFICER-CODE | A | 3.0 | | D | | AF | N |
| 1 | | COST-OBLIGATION | N | 9.2 | | | | AG | N |
| 1 | | DLVRY-ORDR-CANCLTN-DATE | N | 8.0 | | | | AH | N |
| 1 | | FEE-DETER-OFFICIAL | A | 15.0 | | | | AI | N |
| 1 | | FEE-OBLIGATION | N | 9.2 | | | | AJ | N |
| 1 | | INCENTIVE-FEE | N | 9.2 | | | | AK | N |
| 1 | | KIND-OF-ACTION | N | 2.0 | | D | | AL | |
| 1 | | LAST-ACT-DATE | N | 8.0 | | | | AM | N |
| 1 | | NEGOTIATOR-CODE | A | 3.0 | | D | | AN | N |
| 1 | | PIN | N | 2.0 | | | | AO | |
| 1 | | PO-ACNT-INSTLTN-NMBR | N | 2.0 | | | | AP | |
| 1 | | PO-DLVRY-ORDR-MOD-NMBR | N | 4.0 | | | | AQ | N |
| 1 | | PO-DLVRY-ORDR-MOD-PRFX-ID | A | 1.0 | | | | AR | |
| 1 | | PO-DLVRY-ORDR-NMBR | N | 4.0 | | | | AS | |
| 1 | | PO-DLVRY-ORDR-PRFX-ID | A | 1.0 | | | | AT | |
| 1 | | PO-NUM | A | 11.0 | | D | | AU | |
| 1 | | PRICE/EST-COST | N | 9.2 | | | | AV | N |
| 1 | | REC-ADDED-DATE | N | 8.0 | | D | | AW | |
| 1 | | REC-TYPE | A | 1.0 | | D | | AX | F |
| 1 | | REQUIRED-DELIVERY-DATE | N | 8.0 | | D | | AY | |
| 1 | | TOT-PROFIT/FEE | N | 9.2 | | | | AZ | N |
| MU | 1 | PO-DLVRY-ORDR-DESC | A | 50.0 | 2 | | | BA | N |
| SP | 1 | PO-DLVRY-ORDR-KEY | A | 16.0 | | D | | BB | |
| SP | 1 | PO-DLVRY-ORDR-MOD-KEY | A | 19.0 | | D | | BC | N |

5.0 Catalog Source Code

*** FILE AMS-PO-DLVRY-ORDR-FILE NEEDS NATURAL SECURITY UPDATE LINK TO LAMSPROD BEFORE CATALL

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.

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

6.0 Post-Predict Data Conversion

If your center has not installed the AMS 7.5.0 Emergency Release, execute, in batch, the following adhoc before performing any validation testing. See Appendix E for JCL examples.

CCR1289

7.0 Release-Specific Procedures

There are no Release-Specific Procedures with this release.

8.0 Local JCL Mods

There are no local JCL mods with this release.

9.0 Installation Checklist

- 1.0 Back Up Existing Data
- 2.1 Copy Source Code
- 4.0 Install Predict
- 5.0 Catalog Source Code
- 6.0 Post-Predict Data Conversion

APPENDIX E
SAMPLE JOB CONTROL LANGUAGE FOR
AMS RELEASE 7.6.0

SAMPLE JOB CONTROL LANGUAGE FOR ADHOC PROGRAMS IN RELEASE 7.6.0

Sample JCL is listed for the adhoc in Release 7.6.0.

1. JCL1

For Program CCR1289.

```
*****      ***** TOP OF DATA *****
000100 //CCR1289      JOB (MSIRMAMS0004),AMS760,
000200 //              CLASS=D,MSGCLASS=A,
000300 //              NOTIFY=XXXXX
000400 //*****
000500 //*
000600 //STEP01      EXEC N01Z,PRM='IM=D,MT=99999'
000700 //CMWKF01     DD DSN=xxMOV.AMS.PROD.R760.R0302.TBL050,
000800 //              DISP=SHR,DCB=(RECFM=VB,LRECL=256,BLKSIZE=6233),
000900 //              UNIT=SYSDA
001000 //CMPRINT     DD SYSOUT=(R),DEST=XXXXX
001100 //CMSYNIN      DD *
001200 AMDEVL,XXXXX,XXXXX
001300 CCR1289
001400 FIN
001500 /*
001600 //
*****      ***** BOTTOM OF DATA *****
```