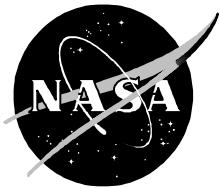


# **VERSION DESCRIPTION DOCUMENT FOR THE ACQUISITION MANAGEMENT SYSTEM (AMS)**

Release 7.5.0

PrISMS Contract

August 2001



National Aeronautics and  
Space Administration

**George C. Marshall Space Flight Center**  
Huntsville, AL 35812

**VERSION DESCRIPTION DOCUMENT  
FOR THE  
ACQUISITION MANAGEMENT SYSTEM (AMS)  
RELEASE 7.5.0**

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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

August 2001

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## **1.0 INTRODUCTION**

This Version Description Document (VDD) describes the changes and installation procedures for Release 7.5.0 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 7.5.0 and has an effective release date of August 31, 2001.

This release must be implemented after Headquarters has received the September 2001 FACS submission and before any fiscal year 2002 processing can begin.

### **1.2 PURPOSE OF THE RELEASE**

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

**RC 1208** – Delete Table 50 edit for Extent of Competition when PPC = “DO” and CICA is blank.

**RC 1262** – Display security warning banner prior to entering AMS.

**RC 1287** – FY 2002 Regulatory Requirements Changes.

### **1.3 SCOPE**

This VDD provides the functional and technical user of AMS with information regarding the contents, status, and structure of Release 7.5.0, including the following:

- Changes implemented since Release 7.4.1.
- 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 after Headquarters has received the September 2001 FACS submission and before any fiscal year 2002 processing can begin.

The record length for the FACS history dataset and the FACS transmission dataset has been increased to 413 bytes. Any Job Control Language (JCL) referencing these datasets will need to be changed to reflect this increase. This includes JCL for the FACS Contract Lead Time Report, FACS Trial Run Submission, and the FACS Monthly Submission. See Appendix E for sample JCL.

All adhocs 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**

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 7.5.0 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
DR	Discrepancy Report
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.

<b>Section</b>	<b>CCR</b>	<b>Title</b>
1.0	1262	Display warning banner prior to entering AMS.
2.0	1287	FY2002 Regulatory Requirements Changes.
3.0	1208	Delete Table 50 edit for Ext of Competition when PPC = "DO" and CICA is blank.

Details for the validation procedures are listed below.

### **1.0 Number 1262**

According to NASA policy, all systems must display a security warning banner prior to entering the system.

#### **Description of Change**

When logging on to AMS, a security warning banner will be displayed.

#### **Functional Impact**

Users will see a warning banner alerting them to the fact that they are about to enter a US Government computer.

#### **Validation Procedures**

##### **Initial Screen:**

1. Verify the following message is displayed on the initial screen when logging on to AMS:

W A R N I N G!

THIS IS A US GOVERNMENT COMPUTER. THIS SYSTEM IS FOR THE USE OF AUTHORIZED USERS ONLY. BY ACCESSING AND USING THE COMPUTER SYSTEM YOU ARE CONSENTING TO SYSTEM MONITORING, INCLUDING THE MONITORING OF KEYSTROKES. UNAUTHORIZED USE OF, OR ACCESS TO, THIS COMPUTER SYSTEM MAY SUBJECT YOU TO DISCIPLINARY ACTION AND CRIMINAL PROSECUTION.

PRESS ENTER TO CONTINUE OR 'E' TO EXIT

2. Enter an 'X'. Press <Enter>.
3. The message displayed should be "PLEASE PRESS 'E' OR THE ENTER KEY."
4. Enter an 'E'. Press <Enter>.
5. The AMS session should be terminated.
6. Log back on to AMS.
7. When the Security Warning is displayed, press <Enter>.
8. The banner screen with the version number of the current AMS release should be displayed.

**Banner Screen:**

1. Verify the version number on the Banner Screen, which is now the second screen displayed, has been changed to 7.5.0.

<u>MODULE ID</u>	<u>MODULE NAME</u>	<u>TYPE</u>
COMMON	COMMON – GLOBAL DATA AREA	GDA
NAQS00PA	QUICK STATUS MENU	PGM
NAQSC1PA	QUICK STATUS – DOCUMENT QUERY	PGM
NAQSM2PA	QUICK STATUS – DOCUMENT MOD QUERY	PGM
NAQSP1PA	QUICK STATUS – PR QUERY	PGM
QGM00	SESSION INITIALIZATION	PGM
QGM10	ACQUISITION SYSTEM OPTIONS MENU	PGM

## **2.0 Number 1287**

Regulatory Requirements Changes: (1) Add seven new regulatory fields to AMS. (2) Change the Bundling field to accept the values 'Y', 'N', or blank. (3) Update the Type Of Service Or Product Code Table (Table 23) with current entries. (4) Update the entries on the Demonstration Test Program Code Table (Table 59). (5) Modify some of the edits on Table 50 for Hubzone Small Business Concern Indicator, Veteran Owned Small Business Concern Code, and Multiple Award Contract Fair Opportunity Code.

### **2.1 Regulatory Requirements**

#### **Description of Change**

- Regulatory changes require the addition of seven new fields:
  - EPA Designated Products (EPA-PRDCT-CODE)
  - Recovered Material Clauses (RCVRD-MTRL-CLAUSES-CODE)
  - Funding Agency (FA-CODE)
  - FA – DODAAC (FA-DODAAC-CODE)
  - FA – Reason for Purchase (FA-PURCHASE-REASON-CODE)
  - FA – Commercial Item Category (FA-CMRCL-ITEM-CTGRY-CODE)
  - FA – Clinger/Cohen Act (FA-CLINGER-COHEN-ACT-IND)
- The Bundling field will now accept codes of 'Y', 'N', or blank. Bundling must be filled with a 'Y' or an 'N' except for grants, agreements, or when the PPC is 98. The field will no longer automatically default to an 'N'.
- Table 23 (Type Of Service Or Product Code Table) contained some entries that were no longer valid. This table has been loaded with the most recent Type of Product or Service Codes.
- Since the conversion from SIC Codes to NAICS Codes, the Demonstration Test Program is no longer associated with a particular type of Serv/Prod Code. Also, the NAICS Codes may be used with any Purchase Order, regardless of size; therefore, the entries for NAICS Codes associated with the Demonstration Test Program have been changed to allow use on small and large PO's. The entries on Table 59 (Demonstration Test Program Table) have been changed to reflect this.
- Some of the 507 edits on Table 50 have been revised. These edits are related to the Hubzone Small Business Concern Indicator, the Veteran Owned Small Business Concern Code, and the Multiple Award Contract Fair Opportunity Code.

## **Functional Impact**

AMS has been modified to collect and validate the new data elements to support the new regulations and reporting requirements.

The fields EPA Designated Products and Recovered Material Clauses were added to Page 3 for the Purchase Order and Contract award processes to include the add/update/query functions.

The fields Funding Agency, FA – DODAAC, FA – Commercial Item Category, FA – Reason for Purchase, and FA – Clinger/Cohen Act were added to Page 3 for the Purchase Order award processes to include the add/update/query functions.

The table changes are as follows:

- Table AA (Master List of Tables) was modified to include the seven new tables created for this release.
- Table 23 (Type of Service or Product) was updated to include the most recent Type of Service/Product Codes available.
- Table 49 (Contract Field Names and Numbers for PPC Edits) was modified to add the seven new fields.
- Table 50 (507 Fatal Error Edits) was modified to revise some of the edits for the Hubzone Small Business Concern Indicator field, the Veteran Owned Small Business Concern Code field, and the Multiple Award Contract Fair Opportunity Code field.
- Table 59 (Demonstration Test Program) was modified.
- Table 68 (Multiple Award Contract Fair Opportunity) was modified.
- Table 70 (Funding Agency (FA)) was created.
- Table 71 (FA – DODAAC) was created.
- Table 72 (FA – Commercial Item Category) was created.
- Table 73 (FA – Reason For Purchase) was created.
- Table 76 (EPA Designated Products) was created.
- Table 77 (Recovered Material Clauses) was created.

## **Validation Procedures**

### **2.1.1 New Regulatory Fields**

<b>FROM</b>	<b>CHOOSE OPTION</b>
Main Menu	3
Purchase Order Main Menu	1
Purchase Order Award Menu with an existing validated Purchase Order	7
PO Award Update Screen – Page 1	P3
PO Award Update Screen – Page 3	

1. Verify that the following fields are displayed on this screen:
  - EPA DESIGNATED PRODUCTS
  - RECOVERED MATERIAL CLAUSES
  - FUNDING AGENCY
  - FA-DODAAC CODE
  - FA-REASON FOR PURCHASE
  - FA-COMMERCIAL ITEM CATEGORY
  - FA-CLINGER/COHEN ACT
2. Verify that the new fields are blank.
3. Press <Enter>. The message displayed should be "EPA DESIGNATED PRODUCTS IS REQUIRED. PLEASE CORRECT."
4. Enter an 'X' in the EPA DESIGNATED PRODUCTS field. Press <Enter>.
5. The message displayed should be "RECOVERED MATERIAL CLAUSES IS REQUIRED. PLEASE CORRECT."
6. Enter an 'X' in the RECOVERED MATERIAL CLAUSES field. Press <Enter>.
7. The message displayed should be "DATA HAS BEEN UPDATED.  
VALIDATION OF DATA IS REQUIRED."
8. Attempt to validate the purchase order. (Since the valid values of the MULT AWD CNTRCT FAIR OPPRTNTY field have been changed for some PPC's, the value of the of this field might have to be changed to validate this purchase order.)
9. The message displayed should be

ERR	FIELD NAME	507 NUM	ERROR	PAGE
1	EPA PRDCT CODE	78A	INVALID	3
2	RCVRD MTRL CLAUSES CODE	78B	INVALID	3

10. Enter 'P3' in the OPTION field. Press <Enter>.
11. Enter an 'E' in the EPA DESIGNATED PRODUCTS field. Press <Enter>.
12. The message displayed should be "IF EPA DESIGNATED PRODUCTS IS 'E', RECOVERED MATERIAL CLAUSES MUST BE BLANK."
13. Enter an 'A' in the EPA DESIGNATED PRODUCTS field. Press <Enter>.
14. The message displayed should be "DATA HAS BEEN UPDATED.  
VALIDATION OF DATA IS REQUIRED."
15. Attempt to validate the purchase order.

16. The message displayed should be

ERR	FIELD NAME	507 NUM	ERROR	PAGE
1	RCVRD MTRL CLAUSES CODE	78B	INVALID	3

17. Enter 'P3' in the OPTION field. Press <Enter>.

18. Enter a 'B' in the RECOVERED MATERIAL CLAUSES field. Press <Enter>.

19. The message displayed should be "DATA HAS BEEN UPDATED.  
VALIDATION OF DATA IS REQUIRED."

20. Attempt to validate the purchase order. The purchase order should validate.

Using the Purchase Order from the validation test above:

1. On page 1, verify the PRICE/EST COST field is less than 100,000.
2. On page 3, enter 'XXXX' in the FUNDING AGENCY field and an 'X' in the FA-CLINGER/COHEN ACT field. Press <Enter>.
3. The message displayed should be "INVALID FUNDING AGENCY CODE.  
PLEASE CORRECT."
4. Enter '1100' in the FUNDING AGENCY field and 'XXXXXX' in the FA-DODAAC CODE field. Press <Enter>.
5. The message displayed should be "FA-DODAAC CODE MUST BE BLANK IF  
FUNDING AGENCY IS NOT DOD."
6. Enter '1700' in the FUNDING AGENCY field. Press <Enter>.
7. The message displayed should be "INVALID FA-DODAAC CODE. PLEASE  
CORRECT."
8. Blank out the FA-DODAAC CODE field. Press <Enter>.
9. The message displayed should be "IF FUNDING AGENCY IS DOD, FA-  
DODAAC CODE MUST BE ENTERED. PLEASE CORRECT."
10. Enter 'HC1001' in the FA-DODAAC CODE field. Press <Enter>.
11. The message displayed should be "FA-CLINGER/COHEN ACT MUST BE 'Y',  
'N', OR BLANK. PLEASE CORRECT."
12. Blank out the FA-CLINGER/COHEN ACT field. Press <Enter>.
13. The message displayed should be "DATA HAS BEEN UPDATED.  
VALIDATION OF DATA IS REQUIRED."
14. Attempt to validate the purchase order. The purchase order should validate.

Using the Purchase Order from the validation test above:

1. On page 3, enter an 'A' in the FA-REASON FOR PURCHASE field. Blank out  
the FUNDING AGENCY field and the FA-DODAAC CODE field. Press  
<Enter>.
2. The message displayed should be "DATA HAS BEEN UPDATED.  
VALIDATION OF DATA IS REQUIRED."
3. Attempt to validate the purchase order.
4. The message displayed should be

ERR	FIELD NAME	507 NUM	ERROR	PAGE
1	FA PURCHASE REASON CODE	80B	N/A	3

5. Enter a '1' in the ERROR SELECT field. Press <Enter>.
6. The message displayed should be

\*\*\*\*\*  
IF FUNDING AGENCY IS BLANK,  
FA-REASON FOR PURCHASE MUST BE BLANK  
\*\*\*\*\*

7. Enter 'P3' in the OPTION field. Press <Enter>.
8. Blank out the FA-REASON FOR PURCHASE field.
9. Enter an 'A' in the FA-COMMERCIAL ITEM CATEGORY field. Press <Enter>.
10. The message displayed should be "DATA HAS BEEN UPDATED.  
VALIDATION OF DATA IS REQUIRED."
11. Attempt to validate the purchase order.
12. The message displayed should be

ERR	FIELD NAME	507 NUM	ERROR	PAGE
-----	-----	-----	-----	-----
1	FA CMRCL ITEM CTGRY CODE	80A	N/A	3

13. Enter a '1' in the ERROR SELECT field. Press <Enter>.
14. The message displayed should be

\*\*\*\*\*  
IF FUNDING AGENCY IS BLANK,  
FA-COMMERCIAL ITEM CATEGORY MUST BE BLANK  
\*\*\*\*\*

15. Enter 'P3' in the OPTION field. Press <Enter>.
16. Blank out the FA-COMMERCIAL ITEM CATEGORY field.
17. Enter a 'N' in the FA-CLINGER/COHEN ACT field. Press <Enter>.
18. The message displayed should be "DATA HAS BEEN UPDATED.  
VALIDATION OF DATA IS REQUIRED."
19. Attempt to validate the purchase order.
20. The message displayed should be

ERR	FIELD NAME	507 NUM	ERROR	PAGE
-----	-----	-----	-----	-----
1	FA CLINGER COHEN ACT IND	80C	N/A	3

21. Enter a '1' in the ERROR SELECT field. Press <Enter>.
22. The message displayed should be

\*\*\*\*\*  
IF FUNDING AGENCY IS BLANK,  
FA-CLINGER/COHEN ACT MUST BE BLANK  
\*\*\*\*\*

23. Enter 'P3' in the OPTION field. Press <Enter>.
24. Blank out the FA-CLINGER/COHEN ACT IND field. Press <Enter>.

25. The message displayed should be "DATA HAS BEEN UPDATED.  
VALIDATION OF DATA IS REQUIRED."
26. Attempt to validate the purchase order. The purchase order should validate.

1. Using a PPC of 'AX' and a CICA APPLICABILITY of '2', complete the required entries on Page 1 and Page 2 for a valid purchase order.
2. On page 1, enter 'U012' in the TYPE SERV/PROD field and '1000000' in the PRICE/EST COST field.
3. On page 3, enter a 'D' in the OTHER PREFERENCE PROGRAM field, an 'N' in the HUBZONE SM BUS CNCRN field, an 'E' in the HUBZONE PROGRAM field, an 'F' in the SM DISADV BUS PROGRAM field, a 'C' in the VETERAN OWNED SM BUS CNCRN field, an 'A' in the EPA DESIGNATED PRODUCTS field, an 'A' in the RECOVERED MATERIAL CLAUSES field, '1700' in the FUNDING AGENCY field, 'HC1001' in the FA-DODAAC CODE field, an 'A' in the FA-COMMERCIAL ITEM CATEGORY field, and an 'N' in the FA-CLINGER/COHEN ACT field. Press <Enter>.
4. The message displayed should be "DATA HAS BEEN UPDATED.  
VALIDATION OF DATA IS REQUIRED."
5. Attempt to validate the purchase order.
6. The message displayed should be

ERR	FIELD NAME	507 NUM	ERROR	PAGE
-----	-----	-----	-----	-----
1	FA PURCHASE REASON CODE	80B	MISSING	3

7. Enter a '1' in the ERROR SELECT field. Press <Enter>.
8. The message displayed should be

\*\*\*\*\*  
FA-REASON FOR PURCHASE IS REQUIRED FOR  
DOD FUNDING AGENCY/TYPE-SERV PROD/  
AMOUNT OF AWARD COMBINATION  
\*\*\*\*\*

9. Enter 'P3' in the OPTION field. Press <Enter>.
10. Enter an 'A' in the FA-REASON FOR PURCHASE field. Blank out the FA-COMMERCIAL ITEM CATEGORY field. Press <Enter>.
11. The message displayed should be "DATA HAS BEEN UPDATED.  
VALIDATION OF DATA IS REQUIRED."
12. Attempt to validate the purchase order.
13. The message displayed should be

ERR	FIELD NAME	507 NUM	ERROR	PAGE
-----	-----	-----	-----	-----
1	FA CMRCL ITEM CTGRY CODE	80A	MISSING	3

14. Enter a '1' in the ERROR SELECT field. Press <Enter>.

15. The message displayed should be

\*\*\*\*\*  
FA-COMMERCIAL ITEM CATEGORY IS REQUIRED FOR  
DOD FUNDING AGENCY/TYPE-SERV PROD/  
AMOUNT OF AWARD COMBINATION  
\*\*\*\*\*

16. Enter 'P3' in the OPTION field. Press <Enter>.

17. Enter an 'A' in the FA-COMMERCIAL ITEM CATEGORY field. Blank out the FA-CLINGER/COHEN ACT field. Press <Enter>.

18. The message displayed should be "DATA HAS BEEN UPDATED.  
VALIDATION OF DATA IS REQUIRED."

19. Attempt to validate the purchase order.

20. The message displayed should be

ERR	FIELD NAME	507 NUM	ERROR	PAGE
-----	-----	-----	-----	-----
1	FA CLINGER COHEN ACT IND	80C	MISSING	3

21. Enter a '1' in the ERROR SELECT field. Press <Enter>.

22. The message displayed should be

\*\*\*\*\*  
FA-CLINGER/COHEN ACT IS REQUIRED FOR  
DOD FUNDING AGENCY/TYPE-SERV PROD/  
AMOUNT OF AWARD COMBINATION  
\*\*\*\*\*

23. Enter 'P3' in the OPTION field. Press <Enter>.

24. Enter an 'N' in the FA-CLINGER/COHEN ACT field. Press <Enter>.

25. The message displayed should be "DATA HAS BEEN UPDATED.  
VALIDATION OF DATA IS REQUIRED."

26. Attempt to validate the purchase order. The purchase order should validate.

Using the Purchase Order from the validation test above:

1. On page 1, enter 'AA11' in the TYPE SERV/PROD field. Press <Enter>.
2. The message displayed should be "DATA HAS BEEN UPDATED.  
VALIDATION OF DATA IS REQUIRED."
3. Attempt to validate the purchase order.
4. The message displayed should be

ERR	FIELD NAME	507 NUM	ERROR	PAGE
-----	-----	-----	-----	-----
1	FA PURCHASE REASON CODE	80B	N/A	3
2	FA CMRCL ITEM CTGRY CODE	80A	N/A	3
3	FA CLINGER COHEN ACT IND	80C	N/A	3

5. Enter a '1' in the ERROR SELECT field. Press <Enter>.

6. The message displayed should be

\*\*\*\*\*  
FA-REASON FOR PURCHASE MUST BE BLANK FOR  
DOD FUNDING AGENCY/TYPE-SERV PROD/  
AMOUNT OF AWARD COMBINATION  
\*\*\*\*\*

7. Enter an 'R' in the OPTION field. Press <Enter>.
8. Enter a '2' in the ERROR SELECT field. Press <Enter>.
9. The message displayed should be

\*\*\*\*\*  
FA-COMMERCIAL ITEM CATEGORY MUST BE BLANK FOR  
DOD FUNDING AGENCY/TYPE-SERV PROD/  
AMOUNT OF AWARD COMBINATION  
\*\*\*\*\*

10. Enter an 'R' in the OPTION field. Press <Enter>.
11. Enter a '3' in the ERROR SELECT field. Press <Enter>.
12. The message displayed should be

\*\*\*\*\*  
FA-CLINGER/COHEN ACT MUST BE BLANK FOR  
DOD FUNDING AGENCY/TYPE-SERV PROD/  
AMOUNT OF AWARD COMBINATION  
\*\*\*\*\*

13. Enter 'P3' in the OPTION field. Press <Enter>.
14. Blank out the FA-REASON FOR PURCHASE field, the FA-COMMERCIAL ITEM CATEGORY field, and the FA-CLINGER/COHEN ACT field. Press <Enter>.
15. The message displayed should be "DATA HAS BEEN UPDATED.  
VALIDATION OF DATA IS REQUIRED."
16. Attempt to validate the purchase order. The purchase order should validate.

Using the Purchase Order from the validation test above:

1. On page 1, enter 'U012' in the TYPE SERV/PROD field.
2. On page 3, enter a 'C' in the FA-REASON FOR PURCHASE field, an 'A' in the FA-COMMERCIAL ITEM CATEGORY field, and a 'Y' in the FA-CLINGER/COHEN ACT field. Press <Enter>.
3. The message displayed should be "DATA HAS BEEN UPDATED.  
VALIDATION OF DATA IS REQUIRED."
4. Attempt to validate the purchase order. The purchase order should validate.
5. On page 1, enter '30000' in the PRICE/EST COST field. Press <Enter>.
6. The message displayed should be "DATA HAS BEEN UPDATED.  
VALIDATION OF DATA IS REQUIRED."
7. Attempt to validate the purchase order.

8. The message displayed should be

ERR	FIELD NAME	507 NUM	ERROR	PAGE
1	FA PURCHASE REASON CODE	80B	N/A	3
2	FA CMRCL ITEM CTGRY CODE	80A	N/A	3
3	FA CLINGER COHEN ACT IND	80C	N/A	3

9. Enter a '1' in the ERROR SELECT field. Press <Enter>.

10. The message displayed should be

\*\*\*\*\*  
**FA-REASON FOR PURCHASE MUST BE BLANK FOR  
 DOD FUNDING AGENCY/TYPE-SERV PROD/  
 AMOUNT OF AWARD COMBINATION**  
\*\*\*\*\*

11. Enter an 'R' in the OPTION field. Press <Enter>.

12. Enter a '2' in the ERROR SELECT field. Press <Enter>.

13. The message displayed should be

\*\*\*\*\*  
**FA-COMMERCIAL ITEM CATEGORY MUST BE BLANK FOR  
 DOD FUNDING AGENCY/TYPE-SERV PROD/  
 AMOUNT OF AWARD COMBINATION**  
\*\*\*\*\*

14. Enter an 'R' in the OPTION field. Press <Enter>.

15. Enter a '3' in the ERROR SELECT field. Press <Enter>.

16. The message displayed should be

\*\*\*\*\*  
**FA-CLINGER/COHEN ACT MUST BE BLANK FOR  
 DOD FUNDING AGENCY/TYPE-SERV PROD/  
 AMOUNT OF AWARD COMBINATION**  
\*\*\*\*\*

17. Enter 'P3' in the OPTION field. Press <Enter>.

18. Blank out the FA-REASON FOR PURCHASE field, the FA-COMMERCIAL ITEM CATEGORY field, and the FA-CLINGER/COHEN ACT field. Press <Enter>.

19. The message displayed should be "DATA HAS BEEN UPDATED.  
 VALIDATION OF DATA IS REQUIRED."

20. Attempt to validate the purchase order. The purchase order should validate.

Using the Purchase Order from the validation test above:

1. On page 1, enter '1000000' in the PRICE/EST COST field.
2. On page 3, enter a 'B' in the FA-REASON FOR PURCHASE field, a 'B' in the FA-COMMERCIAL ITEM CATEGORY field, and a 'Y' in the FA-CLINGER/COHEN ACT field. Press <Enter>.

3. The message displayed should be "DATA HAS BEEN UPDATED.  
VALIDATION OF DATA IS REQUIRED."
4. Attempt to validate the purchase order. The purchase order should validate.
5. On page 3, enter '1100' in the FUNDING AGENCY field. Press<Enter>.
6. The message displayed should be "FA-DODAAC CODE MUST BE BLANK IF  
FUNDING AGENCY IS NOT DOD."
7. Blank out the FA-DODAAC CODE field. Press <Enter>.
8. The message displayed should be "DATA HAS BEEN UPDATED.  
VALIDATION OF DATA IS REQUIRED."
9. Attempt to validate the purchase order.
10. The message displayed should be

ERR	FIELD NAME	507 NUM	ERROR	PAGE
1	FA PURCHASE REASON CODE	80B	N/A	3
2	FA CMRCL ITEM CTGRY CODE	80A	N/A	3
3	FA CLINGER COHEN ACT IND	80C	N/A	3

11. Enter a '1' in the ERROR SELECT field. Press <Enter>.

12. The message displayed should be

\*\*\*\*\*  
FA-REASON FOR PURCHASE MUST BE BLANK FOR  
DOD FUNDING AGENCY/TYPE-SERV PROD/  
AMOUNT OF AWARD COMBINATION  
\*\*\*\*\*

13. Enter an 'R' in the OPTION field. Press <Enter>.

14. Enter a '2' in the ERROR SELECT field. Press <Enter>.

15. The message displayed should be

\*\*\*\*\*  
FA-COMMERCIAL ITEM CATEGORY MUST BE BLANK FOR  
DOD FUNDING AGENCY/TYPE-SERV PROD/  
AMOUNT OF AWARD COMBINATION  
\*\*\*\*\*

16. Enter an 'R' in the OPTION field. Press <Enter>.

17. Enter a '3' in the ERROR SELECT field. Press <Enter>.

18. The message displayed should be

\*\*\*\*\*  
FA-CLINGER/COHEN ACT MUST BE BLANK FOR  
DOD FUNDING AGENCY/TYPE-SERV PROD/  
AMOUNT OF AWARD COMBINATION  
\*\*\*\*\*

19. Enter 'P3' in the OPTION field. Press <Enter>.

20. Blank out the FA-REASON FOR PURCHASE field, the FA-COMMERCIAL ITEM CATEGORY field, and the FA-CLINGER/COHEN ACT field. Press <Enter>.
21. The message displayed should be “DATA HAS BEEN UPDATED.  
VALIDATION OF DATA IS REQUIRED.”
22. Attempt to validate the purchase order. The purchase order should validate.

<u>FROM</u>	<u>CHOOSE OPTION</u>
Main Menu	3
Purchase Order Main Menu	1
Purchase Order Award Menu with an existing validated Purchase Order	8
Query Original PO Screen – Page 1	P3
Query Original PO Screen – Page 3	

1. Verify that the following fields are displayed on this screen:
    - EPA DESIGNATED PRODUCTS
    - RECOVERED MATERIAL CLAUSES
    - FUNDING AGENCY
    - FA-DODAAC CODE
    - FA-REASON FOR PURCHASE
    - FA-COMMERCIAL ITEM CATEGORY
    - FA-CLINGER/COHEN ACT
- 
- | <u>FROM</u>  | <u>CHOOSE OPTION</u> |
|--|----------------------|
| Main Menu  | 4                    |
| Contract Main Menu   | 1                    |
| Contract Award Menu<br>with an existing validated Contract | 2                    |
| Contract Award Update Screen – Page 1                      | P3                   |
| Contract Award Update Screen – Page 3                      |                      |
1. Verify that the following fields are displayed on this screen:
    - EPA DESIGNATED PRODUCTS
    - RECOVERED MATERIAL CLAUSES
  2. Verify that the EPA DESIGNATED PRODUCTS field and the RECOVERED MATERIAL CLAUSES field are blank.
  3. Press <Enter>. The message displayed should be “EPA DESIGNATED PRODUCTS IS REQUIRED. PLEASE CORRECT.”
  4. Enter an ‘X’ in the EPA DESIGNATED PRODUCTS field. Press <Enter>.
  5. The message displayed should be “RECOVERED MATERIAL CLAUSES IS REQUIRED. PLEASE CORRECT.”
  6. Enter an ‘X’ in the RECOVERED MATERIAL CLAUSES field. Press <Enter>.

7. The message displayed should be “DATA HAS BEEN UPDATED.  
VALIDATION OF DATA IS REQUIRED.”

8. Attempt to validate the contract.

9. The message displayed should be

ERR	FIELD NAME	507 NUM	ERROR	PAGE
1	EPA PRDCT CODE	78A	INVALID	3
2	RCVRD MTRL CLAUSES CODE	78B	INVALID	3

10. Enter ‘P3’ in the OPTION field. Press <Enter>.

11. Enter an ‘E’ in the EPA DESIGNATED PRODUCTS field. Press <Enter>.

12. The message displayed should be “IF EPA DESIGNATED PRODUCTS IS ‘E’,  
RECOVERED MATERIAL CLAUSES MUST BE BLANK.”

13. Enter an ‘A’ in the EPA DESIGNATED PRODUCTS field. Press <Enter>.

14. The message displayed should be “DATA HAS BEEN UPDATED.  
VALIDATION OF DATA IS REQUIRED.”

15. Attempt to validate the contract.

16. The message displayed should be

ERR	FIELD NAME	507 NUM	ERROR	PAGE
1	RCVRD MTRL CLAUSES CODE	78B	INVALID	3

17. Enter ‘P3’ in the OPTION field. Press <Enter>.

18. Enter a ‘B’ in the RECOVERED MATERIAL CLAUSES field. Press <Enter>.

19. The message displayed should be “DATA HAS BEEN UPDATED.  
VALIDATION OF DATA IS REQUIRED.”

20. Attempt to validate the contract. The contract should validate.

<u>FROM</u>	<u>CHOOSE OPTION</u>
Main Menu	4
Contract Main Menu	1
Contract Award Menu with an existing validated Contract	3
Query Original Contract Screen– Page 1	P3
Query Original Contract Screen– Page 3	

1. Verify that the following fields are displayed on this screen:

- EPA DESIGNATED PRODUCTS
- RECOVERED MATERIAL CLAUSES

<u>FROM</u>	<u>CHOOSE OPTION</u>
Main Menu	8
Tables System Menu	2
with Table Number	AA

1. Verify that a new entry for "QGA70T" was added to the (AA) MASTERS LIST OF TABLES. The entry for "QGA70T" should be as follows:

KEY	RESULT
=====	=====
QGA70T	(70) FUNDING AGENCY (FA) KEY = FA-CODE (A4)

2. Verify that a new entry for "QGA71T" was added to the (AA) MASTERS LIST OF TABLES. The entry for "QGA71T" should be as follows:

KEY	RESULT
=====	=====
QGA71T	(71) FA - DODAAC KEY = FA-DODAAC-CODE (A6)

3. Verify that a new entry for "QGA72T" was added to the (AA) MASTERS LIST OF TABLES. The entry for "QGA72T" should be as follows:

KEY	RESULT
=====	=====
QGA72T	(72) FA - COMMERCIAL ITEM CATEGORY KEY = FA-CMRCL-ITEM-CTGRY-CODE (A1)

4. Verify that a new entry for "QGA73T" was added to the (AA) MASTERS LIST OF TABLES. The entry for "QGA73T" should be as follows:

KEY	RESULT
=====	=====
QGA73T	(73) FA - REASON FOR PURCHASE KEY = FA-PURCHASE-REASON-CODE (A1)

5. Verify that a new entry for "QGA76T" was added to the (AA) MASTERS LIST OF TABLES. The entry for "QGA76T" should be as follows:

KEY	RESULT
=====	=====
QGA76T	(76) EPA DESIGNATED PRODUCTS KEY = EPA-PRDCT-CODE (A1)

6. Verify that a new entry for "QGA77T" was added to the (AA) MASTERS LIST OF TABLES. The entry for "QGA77T" should be as follows:

KEY	RESULT
=====	=====
QGA77T	(77) RECOVERED MATERIAL CLAUSES KEY = RCVRD-MTRL-CLAUSES-CODE (A1)

<u>FROM</u>	<u>CHOOSE OPTION</u>
Main Menu	8
Tables System Menu	2
with Table Number	49

1. Verify that (49) CONTRACT FIELD NAMES AND NUMBERS has the new entry EPA-PRDCT-CODE. The entry should appear as follows:

KEY	RESULT	
=====	=====	
78A	EPA-PRDCT-CODE	03

2. Verify that (49) CONTRACT FIELD NAMES AND NUMBERS has the new entry RCVRD-MTRL-CLAUSES-CODE. The entry should appear as follows:

KEY	RESULT	
=====	=====	
78B	RCVRD-MTRL-CLAUSES-CODE	03

3. Verify that (49) CONTRACT FIELD NAMES AND NUMBERS has the new entry FA-CODE. The entry should appear as follows:

KEY	RESULT	
=====	=====	
79A	FA-CODE	03

4. Verify that (49) CONTRACT FIELD NAMES AND NUMBERS has the new entry FA-DODAAC-CODE. The entry should appear as follows:

KEY	RESULT	
=====	=====	
79B	FA-DODAAC-CODE	03

5. Verify that (49) CONTRACT FIELD NAMES AND NUMBERS has the new entry FA-CMRCL-ITEM-CTGRY-CODE. The entry should appear as follows:

KEY	RESULT	
=====	=====	
80A	FA-CMRCL-ITEM-CTGRY-CODE	03

6. Verify that (49) CONTRACT FIELD NAMES AND NUMBERS has the new entry FA-PURCHASE-REASON-CODE. The entry should appear as follows:

KEY	RESULT	
=====	=====	
80B	FA-PURCHASE-REASON-CODE	03

7. Verify that (49) CONTRACT FIELD NAMES AND NUMBERS has the new entry FA-CLINGER-COHEN-ACT-IND. The entry should appear as follows:

KEY	RESULT	
=====	=====	
80C	FA-CLINGER-COHEN-ACT-IND	03

<u>FROM</u>	<u>CHOOSE OPTION</u>
-------------	----------------------

<b>Main Menu</b>	<b>8</b>
<b>Tables System Menu</b>	<b>2</b>
<b>with Table Number</b>	<b>70</b>

1. Verify that there are 490 total entries on “QGA70T” Table 70 (FUNDING AGENCY). A portion of the table is shown:

KEY	RESULT
1100	1100 EXECUTIVE OFFICE OF THE PRESIDENT
1145	1145 PEACE CORPS
1152	1152 AGENCY FOR INTERNATIONAL DEVELOPMENT
1153	1153 UNITED STATES TRADE AND DEVELOPMENT AGENCY
120A	1200 ADMINISTRATION
1200	1200 AGRICULTURE, DEPARTMENT OF
1204	1200 OFFICE OF INSPECTOR GENERAL
1215	1200 OFFICE OF OPERATIONS
1217	1200 OFFICE OF FINANCE AND MANAGEMENT
1220	1200 AGRICULTURAL STABILIZATION AND CONSERVATION S
1222	1200 FEDERAL CROP INSURANCE CORPORATION
1223	1200 FOREIGN AGRICULTURAL SERVICE
1224	1200 OFFICE OF INTERNATIONAL COOPERATION AND DEVEL

<b>FROM</b>	<b>CHOOSE OPTION</b>
<b>Main Menu</b>	<b>8</b>
<b>Tables System Menu</b>	<b>2</b>
<b>with Table Number</b>	<b>71</b>

1. Verify that there are 187 total entries on “QGA71T” Table 71 (FA - DODAAC). A portion of the table is shown:

KEY	RESULT
FX7055	UNITED STATES AIRFORCE
F28500	HQ AFCEE/ERB
HAA023	DEFENSE CONTRACT AUDIT AGENCY
HAA770	DEFENSE CONTRACT AUDIT AGENCY
HC1001	DEFENSE INFORMATION SYSTEMS AGENCY
HC1013	DEFENSE INFORMATION TECHNOLOGY CONTRACTING OFFICE
HC1014	DEFENSE INFORMATION SYS AGY, DEF SYS SPT ORG
HC1015	WHITE HOUSE COMMUNICATIONS AGENCY-DEF COM ADMIN UN
HC1016	DEFENSE INFORMATION SYSTEMS AGENCY
HD2001	DEFENSE NUCLEAR AGENCY
HE1254	DEPARTMENT OF DEFENSE OFC OF DEPENDENTS ED
HE1501	OFC OF DEPENDENT SCHOOLS FAMILY ADVOCACY
HE1503	OFS OF DEPENDENT SCHOOLS TRANSITIONAL ASSIST PROG

<u>FROM</u>	<u>CHOOSE OPTION</u>
Main Menu	8
Tables System Menu	2
with Table Number	72

1. Verify that the entries for “QGA72T” Table 72 (FA – Commercial Item Category) are correct. The table should be as follows:

KEY	RESULT
A	COMMERCIALLY AVAILABLE OFF-THE-SHELF ITEM
B	OTHER COMMERCIAL ITEM
C	NONDEVELOPMENTAL ITEM
D	NONCOMMERCIAL ITEM
E	COMMERCIAL SERVICE
F	NONCOMMERCIAL SERVICE

<u>FROM</u>	<u>CHOOSE OPTION</u>
Main Menu	8
Tables System Menu	2
with Table Number	73

1. Verify that the entries for “QGA73T” Table 73 (FA – Reason for Purchase) are correct. The table should be as follows:

KEY	RESULT
A	CONVENIENCE AND ECONOMY
B	EXPERTISE
C	SPECIFICALLY AUTHORIZED
D	AUTHORIZED BY EXECUTIVE ORDER
E	MODIFICATION OR EXTENSION
F	OTHER

<u>FROM</u>	<u>CHOOSE OPTION</u>
Main Menu	8
Tables System Menu	2
with Table Number	76

1. Verify that the entries for “QGA76T” Table 76 (EPA Designated Products) are correct. The table should be as follows:

KEY	RESULT
A	PURCHASE CONTAINED REQUIRED MINIMUM RECOVERED MATERIAL CONTENT.
B	NO MINIMUM RECOVERED MATERIAL CONTENT. UNABLE TO COMPETITIVELY ACQUIRE WITHIN REASONABLE TIME.
C	NO MINIMUM RECOVERED MATERIAL CONTENT. UNABLE TO ACQUIRE AT REASONABLE PRICE.
D	NO MINIMUM RECOVERED MATERIAL CONTENT. UNABLE TO ACQUIRE AT REASONABLE PERFORMANCE STANDARDS.
E	NO EPA PRODUCT(S) REQUIRED.

<u>FROM</u>	<u>CHOOSE OPTION</u>
Main Menu	8
Tables System Menu	2
with Table Number	77

1. Verify that the entries for “QGA77T” Table 77 (Recovered Material Clauses) are correct. The table should be as follows:

KEY	RESULT
A	INDICATES CONTRACT INCLUDES FAR 52.223-4 OR THE COMBINATION OF FAR 52.223-4 AND FAR 52.223-9.
B	NO RECOVERED MATERIAL CLAUSES.

## 2.1.2 Bundling

<u>FROM</u>	<u>CHOOSE OPTION</u>
Main Menu	3
Purchase Order Main Menu	1
Purchase Order Award Menu	7

with an existing validated Purchase Order

### PO Award Update Screen – Page 1

1. Verify that the BUNDLING field has asterisks on either side of the field name to indicate that it is now a required field.
1. Using a PPC of 'PF' and a CICA APPLICABILITY of '4', complete the required entries on Page 1, Page 2, and Page 3 for a valid purchase order.
2. On Page 1, leave the BUNDLING field blank. Attempt to validate the purchase order.
3. The message displayed should be

ERR	FIELD NAME	507 NUM	ERROR	PAGE
1	BUNDLING IND	21	MISSING	1

4. Enter 'P1' in the OPTION field. Press <Enter>.
5. On Page 1, enter an 'X' in the BUNDLING field. Press <Enter>.
6. The message displayed should be "BUNDLING MUST BE 'Y', 'N' OR BLANK. PLEASE CORRECT."
7. Enter an 'N' in the BUNDLING field. Attempt to validate the purchase order. The purchase order should validate.
8. Using the same purchase order, return to Page 1. Enter a 'Y' in the BUNDLING field. Attempt to validate the purchase order. The purchase order should validate.

1. Using a PPC of 'FE' and a CICA APPLICABILITY of '2', complete the required entries on Page 1, Page 2, and Page 3 for a valid purchase order.
2. On Page 1, leave the BUNDLING field blank. Attempt to validate the purchase order.
3. The message displayed should be

ERR	FIELD NAME	507 NUM	ERROR	PAGE
1	BUNDLING IND	21	MISSING	1

4. Enter 'P1' in the OPTION field. Press <Enter>.
5. On Page 1, enter an 'X' in the BUNDLING field. Press <Enter>.
6. The message displayed should be "BUNDLING MUST BE 'Y', 'N' OR BLANK. PLEASE CORRECT."
7. Enter an 'N' in the BUNDLING field. Attempt to validate the purchase order. The purchase order should validate.

8. Using the same purchase order, return to Page 1. Enter a 'Y' in the BUNDLING field. Attempt to validate the purchase order. The purchase order should validate.
  

  1. Using a PPC of '98' with a blank CICA APPLICABILITY, complete the required entries on Page 1, Page 2, and Page 3 for a valid purchase order.
  2. On Page 1, enter an 'X' in the BUNDLING field. Press <Enter>.
  3. The message displayed should be "BUNDLING MUST BE 'Y', 'N' OR BLANK. PLEASE CORRECT."
  4. Enter a 'Y' in the BUNDLING field. Attempt to validate the purchase order.
  5. The message displayed should be

ERR	FIELD NAME	507 NUM	ERROR	PAGE
1	BUNDLING IND	21	N/A	1

  6. Enter 'P1' in the OPTION field. Press <Enter>.
  7. On Page 1, enter an 'N' in the BUNDLING field. Attempt to validate the purchase order.
  8. The message displayed should be

ERR	FIELD NAME	507 NUM	ERROR	PAGE
1	BUNDLING IND	21	N/A	1

  9. Enter 'P1' in the OPTION field. Press <Enter>.
  10. Blank out the BUNDLING field. Attempt to validate the purchase order. The purchase order should validate.

<u>FROM</u>	<u>CHOOSE OPTION</u>
Main Menu	4
Contract Main Menu	1
Contract Award Menu	1
Contract Award Add	

1. Verify that the BUNDLING field has asterisks on either side of the field name to indicate that it is now a required field.
  
  1. Using a PPC of 'SC' and a CICA APPLICABILITY of '3', complete the required entries on Page 1, Page 2, and Page 3 for a valid contract.
  2. On Page 1, leave the BUNDLING field blank. Attempt to validate the contract.
  3. The message displayed should be
- | ERR | FIELD NAME   | 507 NUM | ERROR   | PAGE |
|-----|--------------|---------|---------|------|
| 1   | BUNDLING IND | 21      | MISSING | 1    |

4. Enter 'P1' in the OPTION field. Press <Enter>.
5. On Page 1, enter an 'X' in the BUNDLING field. Press <Enter>.
6. The message displayed should be "BUNDLING MUST BE 'Y', 'N' OR BLANK. PLEASE CORRECT."
7. Enter an 'N' in the BUNDLING field. Attempt to validate the contract. The contract should validate.
8. Using the same contract, return to Page 1. Enter a 'Y' in the BUNDLING field. Attempt to validate the contract. The contract should validate.

<u>FROM</u>	<u>CHOOSE OPTION</u>
Main Menu	4
Contract Main Menu	1
Contract Award Menu	2
Contract Award Update	

1. Verify that the BUNDLING field has asterisks on either side of the field name to indicate that it is now a required field.

1. Using a PPC of 'BS' and a CICA APPLICABILITY of '1', complete the required entries on Page 1, Page 2, and Page 3 for a valid contract.
2. On Page 1, leave the BUNDLING field blank. Attempt to validate the contract.

3. The message displayed should be

ERR	FIELD NAME	507 NUM	ERROR	PAGE
-----	-----	-----	-----	-----
1	BUNDLING IND	21	MISSING	1

4. Enter 'P1' in the OPTION field. Press <Enter>.
5. On Page 1, enter an 'X' in the BUNDLING field. Press <Enter>.
6. The message displayed should be "BUNDLING MUST BE 'Y', 'N' OR BLANK. PLEASE CORRECT."
7. Enter an 'N' in the BUNDLING field. Attempt to validate the contract. The contract should validate.
8. Using the same contract, return to Page 1. Enter a 'Y' in the BUNDLING field. Attempt to validate the contract. The contract should validate.

1. Using a PPC of 'AX' and a CICA APPLICABILITY of '2', complete the required entries on Page 1, Page 2, and Page 3 for a valid contract.

2. On Page 1, leave the BUNDLING field blank. Attempt to validate the contract.

3. The message displayed should be

ERR	FIELD NAME	507 NUM	ERROR	PAGE
-----	-----	-----	-----	-----
1	BUNDLING IND	21	MISSING	1

4. Enter 'P1' in the OPTION field. Press <Enter>.
5. On Page 1, enter an 'X' in the BUNDLING field. Attempt to validate the contract.
6. The message displayed should be "BUNDLING MUST BE 'Y', 'N' OR BLANK. PLEASE CORRECT."
7. On Page 1, enter a 'Y' in the BUNDLING field. Attempt to validate the contract. The contract should validate.
8. Using the same contract, return to Page 1. Enter an 'N' in the BUNDLING field. Attempt to validate the contract. The contract should validate.

The following listing was prepared to assist you in testing CCR1287. It contains all the modified 507 edits that pertain to the Bundling Indicator field. These edits are formatted as they appear in Table 50.

KEY	RESULT
14 AY21	R02N00N Y
14 BH21	B00N00
14 BR21	B00N00
14 BT21	B00N00
14 BW21	R02N00N Y
14 BY21	R02N00N Y
14 DH21	B00N00
14 DM21	R02N00N Y
14 DR21	B00N00
14 DT21	B00N00
14 DW21	R02N00N Y
14 FY21	R02N00N Y
14 KT21	B00N00
14 KH21	B00N00
14 KR21	B00N00
14 NT21	B00N00
14 NH21	B00N00
14 NR21	B00N00
14 RT21	B00N00
14 RH21	B00N00
14 RR21	B00N00
14 ST21	B00N00
14 SW21	B00N00
14 SX21	B00N00
14 TT21	B00N00
14 TH21	B00N00
14 TR21	B00N00
14 WT21	B00N00
14 WW21	B00N00
14 WX21	B00N00
14 XH21	B00N00
14 XR21	B00N00
14 XT21	B00N00
14 YH21	B00N00
14 YR21	B00N00
14 YT21	B00N00
14 9821	B00N00
14 1BA21	R02N00N Y
14 1BB21	R02N00N Y
14 1BD21	R02N00N Y

14 1BG21	R02N00N Y
14 1BI21	R02N00N Y
14 1BJ21	R02N00N Y
14 1BK21	R02N00N Y
14 1BL21	R02N00N Y
14 1BN21	R02N00N Y
14 1BS21	R02N00N Y
14 1DA21	R02N00N Y
14 1DB21	R02N00N Y
14 1DD21	R02N00N Y
14 1DG21	R02N00N Y
14 1DI21	R02N00N Y
14 1DJ21	R02N00N Y
14 1DK21	R02N00N Y
14 1DN21	R02N00N Y
14 1DS21	R02N00N Y
14 1GA21	R02N00N Y
14 1GS21	R02N00N Y
14 1JA21	R02N00N Y
14 1JS21	R02N00N Y
14 1KA21	R02N00N Y
14 1KB21	R02N00N Y
14 1KD21	R02N00N Y
14 1KG21	R02N00N Y
14 1KI21	R02N00N Y
14 1KJ21	R02N00N Y
14 1KK21	R02N00N Y
14 1KL21	R02N00N Y
14 1KN21	R02N00N Y
14 1KS21	R02N00N Y
14 1NA21	R02N00N Y
14 1NB21	R02N00N Y
14 1ND21	R02N00N Y
14 1NG21	R02N00N Y
14 1NI21	R02N00N Y
14 1NJ21	R02N00N Y
14 1NK21	R02N00N Y
14 1NN21	R02N00N Y
14 1NS21	R02N00N Y
14 1RX21	R02N00N Y
14 1SE21	R02N00N Y
14 1SF21	R02N00N Y
14 1TB21	R02N00N Y
14 1TD21	R02N00N Y
14 1TG21	R02N00N Y
14 1TI21	R02N00N Y

14 1TJ21	R02N00N Y
14 1TK21	R02N00N Y
14 1TL21	R02N00N Y
14 1TN21	R02N00N Y
14 1TS21	R02N00N Y
14 1WB21	R02N00N Y
14 1WD21	R02N00N Y
14 1WG21	R02N00N Y
14 1WH21	R02N00N Y
14 1WI21	R02N00N Y
14 1WJ21	R02N00N Y
14 1WK21	R02N00N Y
14 1WN21	R02N00N Y
14 1WR21	R02N00N Y
14 1WS21	R02N00N Y
14 1XF21	R02N00N Y
14 1YF21	R02N00N Y
14 2AE21	R02N00N Y
14 2AF21	R02N00N Y
14 2AL21	R02N00N Y
14 2AO21	R02N00N Y
14 2AP21	R02N00N Y
14 2AQ21	R02N00N Y
14 2AU21	R02N00N Y
14 2AV21	R02N00N Y
14 2AX21	R02N00N Y
14 2AZ21	R02N00N Y
14 2BE21	R02N00N Y
14 2BF21	R02N00N Y
14 2BL21	R02N00N Y
14 2BO21	R02N00N Y
14 2BP21	R02N00N Y
14 2BQ21	R02N00N Y
14 2BU21	R02N00N Y
14 2BV21	R02N00N Y
14 2BX21	R02N00N Y
14 2BZ21	R02N00N Y
14 2DL21	R02N00N Y
14 2DO21	R02N00N Y
14 2DP21	R02N00N Y
14 2DQ21	R02N00N Y
14 2DU21	R02N00N Y
14 2DV21	R02N00N Y
14 2DZ21	R02N00N Y
14 2FE21	R02N00N Y
14 2FF21	R02N00N Y

14 2FL21	R02N00N Y
14 2FO21	R02N00N Y
14 2FP21	R02N00N Y
14 2FQ21	R02N00N Y
14 2FU21	R02N00N Y
14 2FV21	R02N00N Y
14 2FX21	R02N00N Y
14 2FZ21	R02N00N Y
14 2GF21	R02N00N Y
14 2HS21	R02N00N Y
14 2KE21	R02N00N Y
14 2KL21	R02N00N Y
14 2KO21	R02N00N Y
14 2KP21	R02N00N Y
14 2KQ21	R02N00N Y
14 2KU21	R02N00N Y
14 2KV21	R02N00N Y
14 2KX21	R02N00N Y
14 2KZ21	R02N00N Y
14 2NL21	R02N00N Y
14 2NO21	R02N00N Y
14 2NP21	R02N00N Y
14 2NQ21	R02N00N Y
14 2NU21	R02N00N Y
14 2NV21	R02N00N Y
14 2NZ21	R02N00N Y
14 2PF21	R02N00N Y
14 2PS21	R02N00N Y
14 2QF21	R02N00N Y
14 2QL21	R02N00N Y
14 2QO21	R02N00N Y
14 2QP21	R02N00N Y
14 2QQ21	R02N00N Y
14 2QU21	R02N00N Y
14 2QV21	R02N00N Y
14 2QX21	R02N00N Y
14 2QZ21	R02N00N Y
14 2RE21	R02N00N Y
14 2RF21	R02N00N Y
14 2RL21	R02N00N Y
14 2RO21	R02N00N Y
14 2RP21	R02N00N Y
14 2RQ21	R02N00N Y
14 2RS21	R02N00N Y
14 2RU21	R02N00N Y
14 2RV21	R02N00N Y

14 2RZ21	R02N00N Y
14 2SL21	R02N00N Y
14 2SO21	R02N00N Y
14 2SP21	R02N00N Y
14 2SQ21	R02N00N Y
14 2SU21	R02N00N Y
14 2SV21	R02N00N Y
14 2SZ21	R02N00N Y
14 2TE21	R02N00N Y
14 2TF21	R02N00N Y
14 2TL21	R02N00N Y
14 2TO21	R02N00N Y
14 2TP21	R02N00N Y
14 2TQ21	R02N00N Y
14 2TU21	R02N00N Y
14 2TV21	R02N00N Y
14 2TX21	R02N00N Y
14 2TZ21	R02N00N Y
14 2UF21	R02N00N Y
14 2UL21	R02N00N Y
14 2UO21	R02N00N Y
14 2UP21	R02N00N Y
14 2UQ21	R02N00N Y
14 2UU21	R02N00N Y
14 2UV21	R02N00N Y
14 2UX21	R02N00N Y
14 2UZ21	R02N00N Y
14 2WL21	R02N00N Y
14 2WO21	R02N00N Y
14 2WP21	R02N00N Y
14 2WQ21	R02N00N Y
14 2WU21	R02N00N Y
14 2WV21	R02N00N Y
14 2WZ21	R02N00N Y
14 2XD21	R02N00N Y
14 2XE21	R02N00N Y
14 2XL21	R02N00N Y
14 2XO21	R02N00N Y
14 2XP21	R02N00N Y
14 2XQ21	R02N00N Y
14 2XU21	R02N00N Y
14 2XV21	R02N00N Y
14 2XX21	R02N00N Y
14 2XZ21	R02N00N Y
14 2YL21	R02N00N Y
14 2YO21	R02N00N Y

14 2YP21	R02N00N Y
14 2YQ21	R02N00N Y
14 2YU21	R02N00N Y
14 2YV21	R02N00N Y
14 2YZ21	R02N00N Y
14 2ZD21	R02N00N Y
14 2ZE21	R02N00N Y
14 2ZL21	R02N00N Y
14 2ZO21	R02N00N Y
14 2ZP21	R02N00N Y
14 2ZQ21	R02N00N Y
14 2ZU21	R02N00N Y
14 2ZV21	R02N00N Y
14 2ZX21	R02N00N Y
14 2ZZ21	R02N00N Y
14 3BC21	R02N00N Y
14 3DC21	R02N00N Y
14 3KC21	R02N00N Y
14 3NC21	R02N00N Y
14 3PF21	R02N00N Y
14 3PS21	R02N00N Y
14 3RC21	R02N00N Y
14 3SC21	R02N00N Y
14 3TC21	R02N00N Y
14 3WC21	R02N00N Y
14 3XC21	R02N00N Y
14 3YC21	R02N00N Y
14 4BC21	R02N00N Y
14 4DC21	R02N00N Y
14 4KC21	R02N00N Y
14 4NC21	R02N00N Y
14 4PF21	R02N00N Y
14 4PS21	R02N00N Y
14 4RC21	R02N00N Y
14 4SC21	R02N00N Y
14 4TC21	R02N00N Y
14 4WC21	R02N00N Y
14 4XC21	R02N00N Y
14 4YC21	R02N00N Y

### **2.1.3 Type Of Service Or Product Code Table Update**

<b><u>FROM</u></b>	<b><u>CHOOSE OPTION</u></b>
<b>Main Menu</b>	<b>8</b>
<b>Tables System Menu</b>	<b>2</b>
<b>with Table Number</b>	<b>23</b>

1. Verify that there are 2667 total entries on “QGA23T” Table 23 (TYPE OF SERVICE OR PRODUCT). A portion of the table is shown:

KEY	RESULT
AA11	R&D-INSECT & DIS CONT-B RES
AA12	R&D-INSECT & DIS CONT-A RES/EXPL DE
AA13	R&D-INSECT & DIS CONT-ADV DEV
AA14	R&D-INSECT & DIS CONT-ENG DEV
AA15	R&D-INSECT & DIS CONT-OPSY DEV
AA16	R&D-INSECT & DIS CONT-MGMT SUP
AA21	AGRICULTURE MARKETING (BASIC)
AA22	R&D-AGRI MARKETING-A RES/EXPL DEV
AA23	AGRICULTURE MARKETING (ADVANCED)
AA24	AGRICULTURE MARKETING (ENGINEERING)
AA25	AGRICULTURE MARKETING (OPERATIONAL)
AA26	R&D-AGRI MARKETING-MGMT SUP
AA31	AGRICULTURE PRODUCTION (BASIC)

#### **2.1.4 Demonstration Test Program Code Table Update**

<u>FROM</u>	<u>CHOOSE OPTION</u>
<b>Main Menu</b>	<b>8</b>
<b>Tables System Menu</b>	<b>2</b>
<b>with Table Number</b>	<b>59</b>

1. Verify that there are 50 total entries on “QGA59T” Table 59 (DEMONSTRATION TEST PROGRAM). A portion of the table is shown:

KEY	RESULT
23311	Y00
23321	Y00
23322	Y00
23331	Y00
23332	Y00
23411	Y00
23412	Y00
23491	Y00
23492	Y00
23493	Y00
23499	Y00
23511	Y00
23521	Y00

2. Verify that all the entries in the RESULT column on Table 59 are ‘Y00’.

<u>FROM</u>	<u>CHOOSE OPTION</u>
<b>Main Menu</b>	<b>3</b>
<b>Purchase Order Main Menu</b>	<b>1</b>
<b>Purchase Order Award Menu</b>	<b>7</b>
<b>PO Award Update</b>	

1. Using a PPC of ‘AX’ and a CICA APPLICABILITY of ‘2’, complete the required entries on Page 1, Page 2, and Page 3 for a valid purchase order.
  2. On Page 1, enter ‘1’ in the KIND OF ACTION field and ‘Z216’ in the TYPE SERV/PROD field.
  3. On Page 2, enter ‘23531’ in the NAICS CODE field, a ‘Y’ in the DEMONST TEST PROGRAM field, and an ‘N’ in the EMERGING SM BUS field.
  4. Attempt to validate the purchase order. The purchase order should validate.
1. Use the purchase order from the validation procedure above.
  2. On Page 2, enter ‘311111’ in the NAICS CODE field, an ‘N’ in the DEMONST TEST PROGRAM field, and blank out the EMERGING SM BUS field. Attempt to validate the purchase order. The purchase order should validate.
1. Use the purchase order from the validation procedure above. On Page 1, enter ‘Y216’ in the TYPE SERV/PROD field.

2. On Page 2, enter a 'Y' in the DEMONST TEST PROGRAM field and an 'N' in the EMERGING SM BUS field. Attempt to validate the purchase order.

3. The message displayed should be

ERR	FIELD NAME	507 NUM	ERROR	PAGE
1	DEMONST TEST PROGRAM	46	INVALID	2

4. Enter '1' in the ERROR SELECT field. Press <Enter>.

5. The message displayed should be

\*\*\*\*\*

DEMONST TEST PROGRAM INVALID FOR NAICS/TYPE-SERV PROD COMBINATION

\*\*\*\*\*

6. Enter 'P2' in the OPTION field. Press <Enter>.

7. Enter an 'N' in the DEMONST TEST PROGRAM field and blank out the EMERGING SM BUS field. Attempt to validate the purchase order. The purchase order should validate.

1. Use the purchase order from the validation procedure above.

2. On Page 1, enter 'K019' in the TYPE SERV/PROD field.

3. On Page 2, enter '562219' in the NAICS CODE field. Verify that the PPC being used has pre-filled the LG SM BUS field with an 'L' or an 'S'. Attempt to validate the purchase order.

4. The message displayed should be

ERR	FIELD NAME	507 NUM	ERROR	PAGE
1	DEMONST TEST PROGRAM	46	INVALID	2

5. Enter '1' in the ERROR SELECT field. Press <Enter>.

6. The message displayed should be

\*\*\*\*\*

DEMONST-TEST PROGRAM INVALID FOR KOA/LG-SM BUS/NAICS AND/OR TYPE-SERV PROD COMBINATIONS

\*\*\*\*\*

7. Enter 'P2' in the OPTION field. Press <Enter>.

8. Enter a 'Y' in the DEMONST TEST PROGRAM field and an 'N' in the EMERGING SM BUS field. Attempt to validate the purchase order. The purchase order should validate.

1. Use the purchase order from the validation procedure above.

2. On Page 2, enter '51421' in the NAICS CODE field and an 'N' in the DEMONST TEST PROGRAM. Blank out the EMERGING SM BUS field. Attempt to validate the purchase order.

3. The message displayed should be

ERR	FIELD NAME	507 NUM	ERROR	PAGE
1	DEMONST TEST PROGRAM	46	INVALID	2

4. Enter '1' in the ERROR SELECT field. Press <Enter>.
5. The message displayed should be

```
*****
DEMONST-TEST PROGRAM INVALID FOR KOA/LG-SM
BUS/NAICS AND/OR TYPE-SERV PROD COMBINATIONS
*****
```

6. Enter 'P2' in the OPTION field. Press <Enter>.
7. Enter '11112' in the NAICS CODE field. Attempt to validate the purchase order. The purchase order should validate.

1. Use the purchase order from the validation procedure above.
2. On Page 2, enter '541511' in the NAICS CODE field. Attempt to validate the purchase order.
3. The message displayed should be

ERR	FIELD NAME	507 NUM	ERROR	PAGE
1	DEMONST TEST PROGRAM	46	INVALID	2

4. Enter '1' in the ERROR SELECT field. Press <Enter>.
5. The message displayed should be

```
*****
DEMONST-TEST PROGRAM INVALID FOR KOA/LG-SM
BUS/NAICS AND/OR TYPE-SERV PROD COMBINATIONS
*****
```

6. Enter 'P2' in the OPTION field. Press <Enter>.
7. Enter a 'Y' in the DEMONST TEST PROGRAM field. Attempt to validate the purchase order. The purchase order should validate.

1. Using a PPC of 'RC' and a CICA APPLICABILITY of '3', complete the required entries on Page 1, Page 2, and Page 3 for a valid purchase order.
2. On Page 1, enter '27' in the KIND OF ACTION field.
3. On Page 2, enter '23311' in the NAICS CODE field and leave the DEMONST TEST PROGRAM field blank. Verify that the PPC being used has caused the LG SM BUS field to be blank. Attempt to validate the purchase order.

4. The message displayed should be

ERR	FIELD NAME	507 NUM	ERROR	PAGE
1	DEMONST TEST PROGRAM	46	INVALID	2

5. Enter '1' in the ERROR SELECT field. Press <Enter>.

6. The message displayed should be

```
*****  
DEMONST-TEST PROGRAM INVALID FOR KOA/NAICS/  
TYPE-SERV PROD AND/OR LG-SM BUSINESS COMBINATIONS  
*****
```

7. Enter 'P2' in the OPTION field. Press <Enter>.

8. Enter an 'N' in the DEMONST TEST PROGRAM field. Attempt to validate the purchase order. The purchase order should validate.

1. Using a PPC of 'PF' and a CICA APPLICABILITY of '4', complete the required entries on Page 1, Page 2, and Page 3 for a valid purchase order.
2. On Page 1, enter 'J998' in the TYPE SERV/PROD field and '36000' in the PRICE/EST COST field.
3. On Page 2, enter '23499' in the NAICS CODE field and a 'N' in the DEMONST TEST PROGRAM field. Attempt to validate the purchase order.
4. The message displayed should be

ERR	FIELD NAME	507 NUM	ERROR	PAGE
1	DEMONST TEST PROGRAM	46	INVALID	2

5. Enter '1' in the ERROR SELECT field. Press <Enter>.

6. The message displayed should be

```
*****  
DEMONST-TEST PROGRAM INVALID FOR KOA/LG-SM  
BUS/NAICS AND/OR TYPE-SERV PROD COMBINATIONS  
*****
```

7. Enter 'P2' in the OPTION field. Press <Enter>.

8. Enter a 'Y' in the DEMONST TEST PROGRAM field, an 'N' in the EMERGING SM BUS field, and an 'A' in the SIZE OF SM BUS field. Verify that the PPC being used has pre-filled the LG SM BUS field with an 'S'.

9. Attempt to validate the purchase order. The purchase order should validate.

1. Use the purchase order from the validation procedure above.

2. On Page 1, enter '250' in the PRICE/EST COST field.

3. Attempt to validate the purchase order. The purchase order should validate.

1. Use the purchase order from the validation procedure above.

2. On Page 2, enter '336611' in the NAICS CODE field.

3. Attempt to validate the purchase order. The purchase order should validate.

1. Use the purchase order from the validation procedure above.
2. On Page 2, enter '111199' in the NAICS CODE field. Blank out the DEMONST TEST PROGRAM field, the EMERGING SM BUS field, and the SIZE OF SM BUS field. Verify that the PPC being used has pre-filled the LG SM BUS field with an 'S'. Attempt to validate the purchase order.
3. The message displayed should be

ERR	FIELD NAME	507 NUM	ERROR	PAGE
-----	-----	-----	-----	-----
1	DEMONST TEST PROGRAM	46	INVALID	2

4. Enter '1' in the ERROR SELECT field. Press <Enter>.

5. The message displayed should be

\*\*\*\*\*  
DEMONST-TEST PROGRAM INVALID FOR KOA/NAICS/  
TYPE-SERV PROD AND/OR LG-SM BUSINESS COMBINATIONS  
\*\*\*\*\*

6. Enter 'P2' in the OPTION field. Press <Enter>.

7. Enter '11111' in the NAICS CODE field and an 'N' in the DEMONST TEST PROGRAM field. Attempt to validate the purchase order. The purchase order should validate.

## 2.1.5 Revised 507 Edits

<u>FROM</u>	<u>CHOOSE OPTION</u>
Main Menu	3
Purchase Order Main Menu	1
Purchase Order Award Menu	7
PO Award Update	

### Hubzone Small Business Concern Indicator

1. Complete the required entries for Page 1 and Page 2 using a PPC of 'FE' and CICA APPLICABILITY of '2'.
2. On Page 3, enter an 'A' in the OTHER PREFERENCE PROGRAM field, an 'E' in the HUBZONE PROGRAM field, an 'F' in the SM DISADV BUS PROGRAM field, an 'A' in the VETERAN OWNED SM BUS CNCRN field, an 'A' in the EPA DESIGNATED PRODUCTS field, and an 'A' in the RECOVERED MATERIAL CLAUSES field. Leave the rest of the fields blank. Attempt to validate the purchase order.
3. The message displayed should be

ERR	FIELD NAME	507 NUM	ERROR	PAGE
-----	-----	-----	-----	-----
1	HBZ SML BUS CNCRN IND	32A	MISSING	3

4. Enter 'P3' in the OPTION field. Press <Enter>.
5. On Page 3, enter an 'A' in the HUBZONE SM BUS CNCRN field. Attempt to validate the purchase order.
6. The message displayed should be

ERR	FIELD NAME	507 NUM	ERROR	PAGE
-----	-----	-----	-----	-----
1	HBZ SML BUS CNCRN IND	32A	INVALID	3

7. Enter 'P3' in the OPTION field. Press <Enter>.
8. On Page 3, enter a 'Y' in the HUBZONE SM BUS CNCRN field. Attempt to validate the purchase order. The purchase order should validate.
9. Using the same purchase order, return to Page 3. Enter an 'N' in the HUBZONE SM BUS CNCRN field. Attempt to validate the purchase order. The purchase order should validate.

1. Complete the required entries for Page 1 and Page 2 using a PPC of 'NO' and CICA APPLICABILITY of '2'.
2. On Page 3, enter an 'A' in the OTHER PREFERENCE PROGRAM field, an 'A' in HUBZONE SM BUS CNCRN, an 'E' in the HUBZONE PROGRAM field, an 'F' in the SM DISADV BUS PROGRAM field, a 'C' in the VETERAN OWNED SM BUS CNCRN field, a 'B' in the EPA DESIGNATED PRODUCTS field, and an 'A' in the RECOVERED MATERIAL CLAUSES field. Leave the rest of the fields blank. Attempt to validate the purchase order.

3. The message displayed should be
- | ERR | FIELD NAME            | 507 NUM | ERROR   | PAGE |
|-----|-----------------------|---------|---------|------|
| 1   | HBZ SML BUS CNCRN IND | 32A     | INVALID | 3    |
4. Enter 'P3' in the OPTION field. Press <Enter>.
5. Enter a 'Y' in the HUBZONE SM BUS CNCRN field. Attempt to validate the purchase order. The purchase order should validate.
6. Using the same purchase order, return to Page 3. Enter an 'N' in the HUBZONE SM BUS CNCRN field. Attempt to validate the purchase order. The purchase order should validate.
7. Using the same purchase order, return to Page 3. Blank out the HUBZONE SM BUS CNCRN field. Attempt to validate the purchase order. The purchase order should validate.

#### **Veteran Owned Small Business Concern Code**

1. Complete the required entries for Page 1 and Page 2 using a PPC of 'AE' and CICA APPLICABILITY of '2'.
2. On Page 3, enter a 'D' in the OTHER PREFERENCE PROGRAM field, an 'N' in the HUBZONE SM BUS CNCRN field, an 'E' in the HUBZONE PROGRAM field, an 'F' in the SM DISADV BUS PROGRAM field, a 'C' in the EPA DESIGNATED PRODUCTS field, and a 'B' in the RECOVERED MATERIAL CLAUSES field. Leave the rest of the fields blank. Attempt to validate the purchase order.
3. The message displayed should be

ERR	FIELD NAME	507 NUM	ERROR	PAGE
1	VOSB CNCRN CODE	76	MISSING	3

4. Enter 'P3' in the OPTION field. Press <Enter>.
5. Enter an 'A' in the VETERAN OWNED SM BUS CNCRN field. Attempt to validate the purchase order.
6. The message displayed should be

ERR	FIELD NAME	507 NUM	ERROR	PAGE
1	VOSB CNCRN CODE	76	INVALID	3

7. Enter 'P3' in the OPTION field. Press <Enter>.
8. Enter a 'B' in the VETERAN OWNED SM BUS CNCRN field. Attempt to validate the purchase order.
9. The message displayed should be

ERR	FIELD NAME	507 NUM	ERROR	PAGE
1	VOSB CNCRN CODE	76	INVALID	3

10. Enter 'P3' in the OPTION field. Press <Enter>.

11. Enter a 'C' in the VETERAN OWNED SM BUS CNCRN field. Attempt to validate the purchase order. The purchase order should validate.
1. Complete the required entries for Page 1 and Page 2 using a PPC of 'RC' and CICA APPLICABILITY of '3'.
  2. On Page 3, enter an 'N' in the HUBZONE SM BUS CNCRN field, an 'E' in the HUBZONE PROGRAM field, an 'F' in the SM DISADV BUS PROGRAM field, an 'A' in the EPA DESIGNATED PRODUCTS field, and an 'A' in the RECOVERED MATERIAL CLAUSES field. Leave the rest of the fields blank. Attempt to validate the purchase order.
  3. The message displayed should be
- | ERR | FIELD NAME      | 507 NUM | ERROR   | PAGE |
|-----|-----------------|---------|---------|------|
| 1   | VOSB CNCRN CODE | 76      | MISSING | 3    |
4. Enter 'P3' in the OPTION field. Press <Enter>.
  5. Enter a 'B' in the VETERAN OWNED SM BUS CNCRN field. Attempt to validate the purchase order.
  6. The message displayed should be
- | ERR | FIELD NAME      | 507 NUM | ERROR   | PAGE |
|-----|-----------------|---------|---------|------|
| 1   | VOSB CNCRN CODE | 76      | INVALID | 3    |
7. Enter 'P3' in the OPTION field. Press <Enter>.
  8. Enter an 'A' in the VETERAN OWNED SM BUS CNCRN field. Attempt to validate the purchase order.
  9. The message displayed should be
- | ERR | FIELD NAME      | 507 NUM | ERROR   | PAGE |
|-----|-----------------|---------|---------|------|
| 1   | VOSB CNCRN CODE | 76      | INVALID | 3    |
10. Enter 'P3' in the OPTION field. Press <Enter>.
  11. Enter a 'C' in the VETERAN OWNED SM BUS CNCRN field. Attempt to validate the purchase order. The purchase order should validate.
  1. Complete the required entries for Page 1 and Page 2 using a PPC of 'ZX' and CICA APPLICABILITY of '2'.
  2. On Page 3, enter an 'A' in the OTHER PREFERENCE PROGRAM field, an 'N' in the HUBZONE SM BUS CNCRN field, an 'E' in the HUBZONE PROGRAM field, an 'F' in the SM DISADV BUS PROGRAM field, and an 'E' in the EPA DESIGNATED PRODUCTS field. Leave the rest of the fields blank. Attempt to validate the purchase order.
  3. The message displayed should be
- | ERR | FIELD NAME      | 507 NUM | ERROR   | PAGE |
|-----|-----------------|---------|---------|------|
| 1   | VOSB CNCRN CODE | 76      | MISSING | 3    |

4. Enter 'P3' in the OPTION field. Press <Enter>.
5. Enter a 'D' in the VETERAN OWNED SM BUS CNCRN field. Attempt to validate the purchase order.
6. The message displayed should be

ERR	FIELD NAME	507 NUM	ERROR	PAGE
1	VOSB CNCRN CODE	76	INVALID	3

7. Enter 'P3' in the OPTION field. Press <Enter>.
8. Enter an 'C' in the VETERAN OWNED SM BUS CNCRN field. Attempt to validate the purchase order. The purchase order should validate.
9. Using the same purchase order, return to Page 3. Enter a 'B' in the VETERAN OWNED SM BUS CNCRN field. Attempt to validate the purchase order. The purchase order should validate.
10. Using the same purchase order, return to Page 3. Enter an 'A' in the VETERAN OWNED SM BUS CNCRN field. Attempt to validate the purchase order. The purchase order should validate.

#### **Multiple Award Contract Fair Opportunity Code**

1. Using a PPC of 'PF', a CICA APPLICABILITY of '4', and a KIND OF ACTION of '1', complete the required entries on Page 1 and Page 2 for a valid purchase order.
2. On Page 3, enter an 'N' in the HUBZONE SM BUS CNCRN field, an 'E' in the HUBZONE PROGRAM field, an 'F' in the SM DISADV BUS PROGRAM field, a 'C' in the VETERAN OWNED SM BUS CNCRN field, an 'X' in the MULT AWD CNTRCT FAIR OPPRTNTY field, and an 'E' in the EPA DESIGNATED PRODUCTS field. Leave the rest of the fields blank. Attempt to validate the purchase order.
3. The message displayed should be

ERR	FIELD NAME	507 NUM	ERROR	PAGE
1	MACFO CODE	77	INVALID	3

4. Enter 'P3' in the OPTION field. Press <Enter>.
5. On Page 3, enter an 'A' in the MULT AWD CNTRCT FAIR OPPRTNTY field. Attempt to validate the purchase order.
6. The message displayed should be

ERR	FIELD NAME	507 NUM	ERROR	PAGE
1	MACFO CODE	77	N/A	3

7. Enter 'P3' in the OPTION field. Press <Enter>.
8. Enter an 'F' in the MULT AWD CNTRCT FAIR OPPRTNTY field. Attempt to validate the purchase order.

9. The message displayed should be

ERR	FIELD NAME	507 NUM	ERROR	PAGE
-----	-----	-----	-----	-----
1	MACFO CODE	77	INVALID	3

10. Enter 'P3' in the OPTION field. Press <Enter>.

11. Blank out the MULT AWD CNTRCT FAIR OPPRTNTY field. Attempt to validate the purchase order. The purchase order should validate.

1. Use the purchase order from the validation procedure above.
2. On Page 1, enter '3' in the KIND OF ACTION field.
3. On Page 3, enter a 'Z' in the MULT AWD CNTRCT FAIR OPPRTNTY field. Attempt to validate the purchase order.
4. The message displayed should be

ERR	FIELD NAME	507 NUM	ERROR	PAGE
-----	-----	-----	-----	-----
1	MACFO CODE	77	INVALID	3

5. Enter 'P3' in the OPTION field. Press <Enter>.
6. On Page 3, enter a 'C' in the MULT AWD CNTRCT FAIR OPPRTNTY field. Attempt to validate the purchase order.

7. The message displayed should be

ERR	FIELD NAME	507 NUM	ERROR	PAGE
-----	-----	-----	-----	-----
1	MACFO CODE	77	N/A	3

8. Enter 'P3' in the OPTION field. Press <Enter>.
9. Enter an 'F' in the MULT AWD CNTRCT FAIR OPPRTNTY field. Attempt to validate the purchase order.

10. The message displayed should be

ERR	FIELD NAME	507 NUM	ERROR	PAGE
-----	-----	-----	-----	-----
1	MACFO CODE	77	INVALID	3

11. Enter 'P3' in the OPTION field. Press <Enter>.

12. Blank out the MULT AWD CNTRCT FAIR OPPRTNTY field. Attempt to validate the purchase order. The purchase order should validate.

1. Using a PPC of '98' with a blank CICA APPLICABILITY, and a KIND OF ACTION of '5', complete the required entries on Page 1 and Page 2 for a valid purchase order.
2. On Page 3, enter an 'X' in the MULT AWD CNTRCT FAIR OPPRTNTY field, an 'A' in the EPA DESIGNATED PRODUCTS field, and an 'A' in the RECOVERED MATERIAL CLAUSES. Leave the rest of the fields blank. Attempt to validate the purchase order.

3. The message displayed should be

ERR	FIELD NAME	507 NUM	ERROR	PAGE
-----	-----	-----	-----	-----
1	MACFO CODE	77	INVALID	3

4. Enter 'P3' in the OPTION field. Press <Enter>.

5. On Page 3, enter a 'B' in the MULT AWD CNTRCT FAIR OPPRTNTY field. Attempt to validate the purchase order.

6. The message displayed should be

ERR	FIELD NAME	507 NUM	ERROR	PAGE
-----	-----	-----	-----	-----
1	MACFO CODE	77	N/A	3

7. Enter 'P3' in the OPTION field. Press <Enter>.

8. Enter an 'F' in the MULT AWD CNTRCT FAIR OPPRTNTY field. Attempt to validate the purchase order.

9. The message displayed should be

ERR	FIELD NAME	507 NUM	ERROR	PAGE
-----	-----	-----	-----	-----
1	MACFO CODE	77	INVALID	3

10. Enter 'P3' in the OPTION field. Press <Enter>.

11. Blank out the MULT AWD CNTRCT FAIR OPPRTNTY field. Attempt to validate the purchase order. The purchase order should validate.

1. Using a PPC of 'RC', a CICA APPLICABILITY of '3', and a KIND OF ACTION of '27', complete the required entries on Page 1 and Page 2 for a valid purchase order.

2. On Page 3, enter an 'N' in the HUBZONE SM BUS CNCRN field, an 'E' in the HUBZONE PROGRAM field, an 'F' in the SM DISADV BUS PROGRAM field, a 'C' in the VETERAN OWNED SM BUS CNCRN field, an 'X' in the MULT AWD CNTRCT FAIR OPPRTNTY field, and a 'C' in the EPA DESIGNATED PRODUCTS field, and an 'A' in the RECOVERED MATERIAL CLAUSES. Leave the rest of the fields blank. Attempt to validate the purchase order.

3. The message displayed should be

ERR	FIELD NAME	507 NUM	ERROR	PAGE
-----	-----	-----	-----	-----
1	MACFO CODE	77	INVALID	3

4. Enter 'P3' in the OPTION field. Press <Enter>.

5. On Page 3, enter a 'D' in the MULT AWD CNTRCT FAIR OPPRTNTY field. Attempt to validate the purchase order.

6. The message displayed should be

ERR	FIELD NAME	507 NUM	ERROR	PAGE
-----	-----	-----	-----	-----
1	MACFO CODE	77	N/A	3

7. Enter 'P3' in the OPTION field. Press <Enter>.
8. Enter an 'F' in the MULT AWD CNTRCT FAIR OPPRTNTY field. Attempt to validate the purchase order.
9. The message displayed should be

ERR	FIELD NAME	507 NUM	ERROR	PAGE
1	MACFO CODE	77	INVALID	3

10. Enter 'P3' in the OPTION field. Press <Enter>.
  11. Blank out the MULT AWD CNTRCT FAIR OPPRTNTY field. Attempt to validate the purchase order. The purchase order should validate.
  1. Using a PPC of 'AX', a CICA APPLICABILITY of '2', and a KIND OF ACTION of '28', complete the required entries on Page 1 and Page 2 for a valid purchase order.
  2. On page 3, enter a 'D' in the OTHER PREFERENCE PROGRAM field, an 'N' in the HUBZONE SM BUS CNCRN field, an 'E' in the HUBZONE PROGRAM field, an 'F' in the SM DISADV BUS PROGRAM field, a 'C' in the VETERAN OWNED SM BUS CNCRN field, and an 'E' in the EPA DESIGNATED PRODUCTS field. Attempt to validate the purchase order.
  3. The message displayed should be
- | ERR | FIELD NAME | 507 NUM | ERROR   | PAGE |
|-----|------------|---------|---------|------|
| 1   | MACFO CODE | 77      | MISSING | 3    |
4. Enter 'P3' in the OPTION field. Press <Enter>.
  5. On Page 3, enter an 'X' in the MULT AWD CNTRCT FAIR OPPRTNTY field. Attempt to validate the purchase order.
  6. The message displayed should be
- | ERR | FIELD NAME | 507 NUM | ERROR   | PAGE |
|-----|------------|---------|---------|------|
| 1   | MACFO CODE | 77      | INVALID | 3    |
7. Enter 'P3' in the OPTION field. Press <Enter>.
  8. On Page 3, enter an 'F' in the MULT AWD CNTRCT FAIR OPPRTNTY field. Attempt to validate the purchase order.
  9. The message displayed should be
- | ERR | FIELD NAME | 507 NUM | ERROR   | PAGE |
|-----|------------|---------|---------|------|
| 1   | MACFO CODE | 77      | INVALID | 3    |
10. Enter 'P3' in the OPTION field. Press <Enter>.
  11. On Page 3, enter an 'A' in the MULT AWD CNTRCT FAIR OPPRTNTY field. Attempt to validate the purchase order. The purchase order should validate.

12. Using the same purchase order, return to Page 3. Enter a 'B' in the MULT AWD CNTRCT FAIR OPPRTNTY field. Attempt to validate the purchase order. The purchase order should validate.
13. Using the same purchase order, return to Page 3. Enter a 'C' in the MULT AWD CNTRCT FAIR OPPRTNTY field. Attempt to validate the purchase order. The purchase order should validate.
14. Using the same purchase order, return to Page 3. Enter a 'D' in the MULT AWD CNTRCT FAIR OPPRTNTY field. Attempt to validate the purchase order. The purchase order should validate.
15. Using the same purchase order, return to Page 3. Enter an 'E' in the MULT AWD CNTRCT FAIR OPPRTNTY field. Attempt to validate the purchase order. The purchase order should validate.

<u>FROM</u>	<u>CHOOSE OPTION</u>
Main Menu	4
Contract Main Menu	1
Contract Award Menu	2
Contract Award Update	

#### **Hubzone Small Business Concern Indicator**

1. Complete the required entries for Page 1 and Page 2 using a PPC of 'XC' and CICA APPLICABILITY of '3'.
2. On Page 3, enter an 'E' in the HUBZONE PROGRAM field, an 'F' in the SM DISADV BUS PROGRAM field, a 'C' in the VETERAN OWNED SM BUS CNCRN field, an 'A' in the EPA DESIGNATED PRODUCTS field, and an 'A' in the RECOVERED MATERIAL CLAUSES field. Leave the rest of the fields blank. Attempt to validate the contract.
3. The message displayed should be

ERR	FIELD NAME	507 NUM	ERROR	PAGE
-----	-----	-----	-----	-----
1	HBZ SML BUS CNCRN IND	32A	MISSING	3

4. Enter 'P3' in the OPTION field. Press <Enter>.
5. On Page 3, enter an 'A' in the HUBZONE SM BUS CNCRN field. Attempt to validate the contract.
6. The message displayed should be

ERR	FIELD NAME	507 NUM	ERROR	PAGE
-----	-----	-----	-----	-----
1	HBZ SML BUS CNCRN IND	32A	INVALID	3

7. Enter 'P3' in the OPTION field. Press <Enter>.
8. On Page 3, enter a 'Y' in the HUBZONE SM BUS CNCRN field. Attempt to validate the contract. The contract should validate.

9. Using the same contract, return to Page 3. Enter an 'N' in the HUBZONE SM BUS CNCRN field. Attempt to validate the contract. The contract should validate.
  
1. Complete the required entries for Page 1 and Page 2 using a PPC of 'SC' and CICA APPLICABILITY of '4'.
2. On Page 3, enter a 'D' in the OTHER PREFERENCE PROGRAM field, an 'E' in the HUBZONE PROGRAM field, an 'F' in the SM DISADV BUS PROGRAM field, a 'C' in the VETERAN OWNED SM BUS CNCRN field, an 'A' in the EPA DESIGNATED PRODUCTS field, and an 'A' in the RECOVERED MATERIAL CLAUSES field. Leave the rest of the fields blank. Attempt to validate the contract.
3. The message displayed should be

ERR	FIELD NAME	507 NUM	ERROR	PAGE
-----	-----	-----	-----	-----
1	HBZ SML BUS CNCRN IND	32A	MISSING	3

  
4. Enter 'P3' in the OPTION field. Press <Enter>.
5. On Page 3, enter a 'Y' in the HUBZONE SM BUS CNCRN field. Attempt to validate the contract.
6. The message displayed should be

ERR	FIELD NAME	507 NUM	ERROR	PAGE
-----	-----	-----	-----	-----
7. 1	HBZ SML BUS CNCRN IND	32A	INVALID	3

  
8. Enter 'P3' in the OPTION field. Press <Enter>.
9. On Page 3, enter an 'N' in the HUBZONE SM BUS CNCRN field. Attempt to validate the contract. The contract should validate.

#### **Veteran Owned Small Business Concern Code**

1. Complete the required entries for Page 1 and Page 2 using a PPC of 'PF' and CICA APPLICABILITY of '4'.
2. On Page 3, enter an 'N' in the HUBZONE SM BUS CNCRN field, an 'E' in the HUBZONE PROGRAM field, an 'F' in the SM DISADV BUS PROGRAM field, an 'A' in the EPA DESIGNATED PRODUCTS field, and an 'A' in the RECOVERED MATERIAL CLAUSES field. Leave the rest of the fields blank. Attempt to validate the contract.
3. The message displayed should be

ERR	FIELD NAME	507 NUM	ERROR	PAGE
-----	-----	-----	-----	-----
1	VOSB CNCRN CODE	76	MISSING	3

  
4. Enter 'P3' in the OPTION field. Press <Enter>.
5. Enter a 'D' in the VETERAN OWNED SM BUS CNCRN field. Attempt to validate the contract.
6. The message displayed should be

ERR	FIELD NAME	507 NUM	ERROR	PAGE
1	VOSB CNCRN CODE	76	INVALID	3

7. Enter 'P3' in the OPTION field. Press <Enter>.
  8. Enter an 'A' in the VETERAN OWNED SM BUS CNCRN field. Attempt to validate the contract. The contract should validate.
  9. Using the same contract, return to Page 3. Enter a 'B' in the VETERAN OWNED SM BUS CNCRN field. Attempt to validate the contract. The contract should validate.
  10. Using the same contract, return to Page 3. Enter a 'C' in the VETERAN OWNED SM BUS CNCRN field. Attempt to validate the contract. The contract should validate.
  
  1. Complete the required entries for Page 1 and Page 2 using a PPC of 'RC' and CICA APPLICABILITY of '3'.
  2. On Page 3, enter an 'N' in the HUBZONE SM BUS CNCRN field, an 'E' in the HUBZONE PROGRAM field, an 'F' in the SM DISADV BUS PROGRAM field, an 'A' in the EPA DESIGNATED PRODUCTS field, and an 'A' in the RECOVERED MATERIAL CLAUSES field. Leave the other fields blank. Attempt to validate the contract.
  3. The message displayed should be
- | ERR | FIELD NAME      | 507 NUM | ERROR   | PAGE |
|-----|-----------------|---------|---------|------|
| 1   | VOSB CNCRN CODE | 76      | MISSING | 3    |
4. Enter 'P3' in the OPTION field. Press <Enter>.
  5. Enter an 'A' in the VETERAN OWNED SM BUS CNCRN field. Attempt to validate the contract.
  6. The message displayed should be
- | ERR | FIELD NAME      | 507 NUM | ERROR   | PAGE |
|-----|-----------------|---------|---------|------|
| 1   | VOSB CNCRN CODE | 76      | INVALID | 3    |
7. Enter 'P3' in the OPTION field. Press <Enter>.
  8. Enter a 'B' in the VETERAN OWNED SM BUS CNCRN field. Attempt to validate the contract.
  9. The message displayed should be
- | ERR | FIELD NAME      | 507 NUM | ERROR   | PAGE |
|-----|-----------------|---------|---------|------|
| 1   | VOSB CNCRN CODE | 76      | INVALID | 3    |
10. Enter 'P3' in the OPTION field. Press <Enter>.
  11. Enter a 'C' in the VETERAN OWNED SM BUS CNCRN field. Attempt to validate the contract. The contract should validate.

1. Complete the required entries for Page 1 and Page 2 using a PPC of 'XE' and CICA APPLICABILITY of '2'.
2. On Page 3, enter an 'N' in the HUBZONE SM BUS CNCRN field, an 'E' in the HUBZONE PROGRAM field, an 'F' in the SM DISADV BUS PROGRAM field, an 'A' in the EPA DESIGNATED PRODUCTS field, and an 'A' in the RECOVERED MATERIAL CLAUSES field. Leave the rest of the fields blank. Attempt to validate the contract.
3. The message displayed should be

ERR	FIELD NAME	507 NUM	ERROR	PAGE
-----	-----	-----	-----	-----
1	VOSB CNCRN CODE	76	MISSING	3

4. Enter 'P3' in the OPTION field. Press <Enter>.
5. Enter a 'D' in the VETERAN OWNED SM BUS CNCRN field. Attempt to validate the contract.
6. The message displayed should be

ERR	FIELD NAME	507 NUM	ERROR	PAGE
-----	-----	-----	-----	-----
1	VOSB CNCRN CODE	76	INVALID	3

7. Enter 'P3' in the OPTION field. Press <Enter>.
8. Enter an 'A' in the VETERAN OWNED SM BUS CNCRN field. Attempt to validate the contract. The contract should validate.
9. Using the same contract, return to Page 3. Enter a 'B' in the VETERAN OWNED SM BUS CNCRN field. Attempt to validate the contract. The contract should validate.
10. Using the same contract, return to Page 3. Enter a 'C' in the VETERAN OWNED SM BUS CNCRN field. Attempt to validate the contract. The contract should validate.

<u>FROM</u>	<u>CHOOSE OPTION</u>
Main Menu	8
Tables System Menu	2
with Table Number	68

1. Verify that the entries for "QGA68T" Table 68 (MULTIPLE AWARD CONTRACT FAIR OPPORTUNITY) are correct. The table is should be as follows:

KEY	RESULT
A	FAIR OPPORTUNITY PROCESS
B	URGENCY
C	ONE/UNIQUE SOURCE
D	FOLLOW-ON CONTRACT
E	MINIMUM GUARANTEE

2. Verify entry 'F' has been removed.

The following listing was prepared to assist you in testing CCR1287. It contains all the modified 507 edits that pertain to the Hubzone Small Business Concern Indicator field, the Veteran Owned Small Business Concern Code field, and the Multiple Award Contract Fair Opportunity Code field. These edits are formatted as they appear in Table 50.

KEY	RESULT
14 9832A	B00N00
14 2AX32A	R01N00N
14 2AE32A	R01N00N
14 2AF32A	R01N00N
14 2AL32A	R01N00N
14 2AO32A	R01N00N
14 2AP32A	R01N00N
14 2AQ32A	R01N00N
14 2AU32A	R01N00N
14 2AV32A	R01N00N
14 2AZ32A	R01N00N
14 AY32A	O01N00N
14 2BX32A	R01N00N
14 2BE32A	R01N00N
14 2BF32A	R01N00N
14 1BL32A	R01N00N
14 2BL32A	R01N00N
14 2BO32A	R01N00N
14 2BP32A	R01N00N
14 2BQ32A	R01N00N
14 2BU32A	R01N00N
14 2BV32A	R01N00N
14 2BZ32A	R01N00N
14 BT32A	B00N00
14 BH32A	B00N00
14 BR32A	B00N00
14 CC32A	R01N00N
14 3BC32A	R01N00N
14 4BC32A	R01N00N
14 BY32A	O01N00N
14 2DL32A	O01N00N
14 2DO32A	O01N00N
14 2DP32A	R01N00N
14 2DQ32A	R01N00N
14 2DU32A	R01N00N
14 2DV32A	R01N00N
14 2DZ32A	R01N00N
14 DT32A	B00N00

14	DH32A	B00N00
14	DR32A	B00N00
14	EC32A	R01N00N
14	3DC32A	R01N00N
14	4DC32A	R01N00N
14	2FX32A	R02N00Y N
14	2FE32A	R02N00Y N
14	2FF32A	R02N00Y N
14	2FL32A	R02N00Y N
14	2FO32A	R02N00Y N
14	2FP32A	R02N00Y N
14	2FQ32A	R02N00Y N
14	2FU32A	R02N00Y N
14	2FV32A	R02N00Y N
14	2FZ32A	R02N00Y N
14	FY32A	O02N00Y N
14	2GF32A	R02N00Y N
14	2HS32A	R02N00Y N
14	2KX32A	R02N00Y N
14	2KE32A	R02N00Y N
14	1KL32A	R02N00Y N
14	2KL32A	R02N00Y N
14	2KO32A	R02N00Y N
14	2KP32A	R02N00Y N
14	2KQ32A	R02N00Y N
14	2KU32A	R02N00Y N
14	2KV32A	R02N00Y N
14	2KZ32A	R02N00Y N
14	KT32A	B00N00
14	KH32A	B00N00
14	KR32A	B00N00
14	HC32A	R02N00Y N
14	3KC32A	R02N00Y N
14	4KC32A	R02N00Y N
14	KY32A	O02N00Y N
14	2NL32A	O02N00Y N
14	2NO32A	O02N00Y N
14	2NP32A	R02N00Y N
14	2NQ32A	R02N00Y N
14	2NU32A	R02N00Y N
14	2NV32A	R02N00Y N
14	2NZ32A	R02N00Y N
14	NT32A	B00N00
14	NH32A	B00N00
14	NR32A	B00N00
14	IC32A	R02N00Y N

14 3NC32A	R02N00Y N
14 4NC32A	R02N00Y N
14 2PF32A	R02N00Y N
14 2PS32A	R02N00Y N
14 3PF32A	R02N00Y N
14 3PS32A	R02N00Y N
14 4PF32A	R02N00Y N
14 4PS32A	R02N00Y N
14 2QX32A	R01N00N
14 2QF32A	R01N00N
14 2QL32A	R01N00N
14 2QO32A	R01N00N
14 2QP32A	R01N00N
14 2QQ32A	R01N00N
14 2QU32A	R01N00N
14 2QV32A	R01N00N
14 2QZ32A	R01N00N
14 2RS32A	R01N00N
14 2RE32A	R01N00N
14 2RF32A	R01N00N
14 2RL32A	R01N00N
14 2RO32A	R01N00N
14 2RP32A	R01N00N
14 2RQ32A	R01N00N
14 2RU32A	R01N00N
14 2RV32A	R01N00N
14 2RZ32A	R01N00N
14 RT32A	B00N00
14 RH32A	B00N00
14 RR32A	B00N00
14 LC32A	R01N00N
14 3RC32A	R01N00N
14 4RC32A	R01N00N
14 2SL32A	R01N00N
14 2SO32A	R01N00N
14 2SP32A	R01N00N
14 2SQ32A	R01N00N
14 2SU32A	R01N00N
14 2SV32A	R01N00N
14 2SZ32A	R01N00N
14 ST32A	B00N00
14 SW32A	B00N00
14 SX32A	B00N00
14 MC32A	R01N00N
14 3SC32A	R01N00N
14 4SC32A	R01N00N

14	2UX32A	R01N00N
14	2UF32A	R01N00N
14	2UL32A	R01N00N
14	2UO32A	R01N00N
14	2UP32A	R01N00N
14	2UQ32A	R01N00N
14	2UU32A	R01N00N
14	2UV32A	R01N00N
14	2UZ32A	R01N00N
14	2TX32A	R01N00N
14	2TE32A	R01N00N
14	2TF32A	R01N00N
14	1TL32A	R01N00N
14	2TL32A	R01N00N
14	2TO32A	R01N00N
14	2TP32A	R01N00N
14	2TQ32A	R01N00N
14	2TU32A	R01N00N
14	2TV32A	R01N00N
14	2TZ32A	R01N00N
14	TT32A	B00N00
14	TH32A	B00N00
14	TR32A	B00N00
14	OC32A	R01N00N
14	3TC32A	R01N00N
14	4TC32A	R01N00N
14	2WL32A	R01N00N
14	2WO32A	R01N00N
14	2WP32A	R01N00N
14	2WQ32A	R01N00N
14	2WU32A	R01N00N
14	2WV32A	R01N00N
14	2WZ32A	R01N00N
14	WT32A	B00N00
14	WW32A	B00N00
14	WX32A	B00N00
14	PC32A	R01N00N
14	3WC32A	R01N00N
14	4WC32A	R01N00N
14	2ZX32A	R02N00Y N
14	2ZE32A	R02N00Y N
14	2ZD32A	R02N00Y N
14	2ZL32A	R02N00Y N
14	2ZO32A	R02N00Y N
14	2ZP32A	R02N00Y N
14	2ZQ32A	R02N00Y N

14	2ZU32A	R02N00Y N
14	2ZV32A	R02N00Y N
14	2ZZ32A	R02N00Y N
14	2XX32A	R02N00Y N
14	2XE32A	R02N00Y N
14	2XD32A	R02N00Y N
14	2XL32A	R02N00Y N
14	2XO32A	R02N00Y N
14	2XP32A	R02N00Y N
14	2XQ32A	R02N00Y N
14	2XU32A	R02N00Y N
14	2XV32A	R02N00Y N
14	2XZ32A	R02N00Y N
14	XT32A	B00N00
14	XH32A	B00N00
14	XR32A	B00N00
14	VC32A	R02N00Y N
14	3XC32A	R02N00Y N
14	4XC32A	R02N00Y N
14	2YL32A	R02N00Y N
14	2YO32A	R02N00Y N
14	2YP32A	R02N00Y N
14	2YQ32A	R02N00Y N
14	2YU32A	R02N00Y N
14	2YV32A	R02N00Y N
14	2YZ32A	R02N00Y N
14	YT32A	B00N00
14	YH32A	B00N00
14	YR32A	B00N00
14	ZC32A	R02N00Y N
14	3YC32A	R02N00Y N
14	4YC32A	R02N00Y N
14	9876	B00N00
14	2AX76	R01N00C
14	2AE76	R01N00C
14	2AF76	R01N00C
14	2AL76	R01N00C
14	2AO76	R01N00C
14	2AP76	R01N00C
14	2AQ76	R01N00C
14	2AU76	R01N00C
14	2AV76	R01N00C
14	2AZ76	R01N00C
14	AY76	R01N00C
14	2BX76	R01N00C
14	2BE76	R01N00C

14 2BF76	R01N00C
14 1BL76	R01N00C
14 2BL76	R01N00C
14 2BO76	R01N00C
14 2BP76	R01N00C
14 2BQ76	R01N00C
14 2BU76	R01N00C
14 2BV76	R01N00C
14 2BZ76	R01N00C
14 BT76	B00N00
14 BH76	B00N00
14 BR76	B00N00
14 CC76	R01N00C
14 3BC76	R01N00C
14 4BC76	R01N00C
14 BY76	R01N00C
14 2DL76	O01N00C
14 2DO76	O01N00C
14 2DP76	R01N00C
14 2DQ76	R01N00C
14 2DU76	R01N00C
14 2DV76	R01N00C
14 2DZ76	R01N00C
14 DT76	B00N00
14 DH76	B00N00
14 DR76	B00N00
14 EC76	R01N00C
14 3DC76	R01N00C
14 4DC76	R01N00C
14 2FX76	R03N00A B C
14 2FE76	R03N00A B C
14 2FF76	R03N00A B C
14 2FL76	R03N00A B C
14 2FO76	R03N00A B C
14 2FP76	R03N00A B C
14 2FQ76	R03N00A B C
14 2FU76	R03N00A B C
14 2FV76	R03N00A B C
14 2FZ76	R03N00A B C
14 FY76	R03N00A B C
14 2GF76	R03N00A B C
14 2HS76	R03N00A B C
14 2KX76	R03N00A B C
14 2KE76	R03N00A B C
14 1KL76	R03N00A B C
14 2KL76	R03N00A B C

14 2KO76	R03N00A B C
14 2KP76	R03N00A B C
14 2KQ76	R03N00A B C
14 2KU76	R03N00A B C
14 2KV76	R03N00A B C
14 2KZ76	R03N00A B C
14 KT76	B00N00
14 KH76	B00N00
14 KR76	B00N00
14 HC76	R03N00A B C
14 3KC76	R03N00A B C
14 4KC76	R03N00A B C
14 KY76	R03N00A B C
14 2NL76	O03N00A B C
14 2NO76	O03N00A B C
14 2NP76	R03N00A B C
14 2NQ76	R03N00A B C
14 2NU76	R03N00A B C
14 2NV76	R03N00A B C
14 2NZ76	R03N00A B C
14 NT76	B00N00
14 NH76	B00N00
14 NR76	B00N00
14 IC76	R03N00A B C
14 3NC76	R03N00A B C
14 4NC76	R03N00A B C
14 2PF76	R03N00A B C
14 2PS76	R03N00A B C
14 3PF76	R03N00A B C
14 3PS76	R03N00A B C
14 4PF76	R03N00A B C
14 4PS76	R03N00A B C
14 2QX76	R01N00C
14 2QF76	R01N00C
14 2QL76	R01N00C
14 2QO76	R01N00C
14 2QP76	R01N00C
14 2QQ76	R01N00C
14 2QU76	R01N00C
14 2QV76	R01N00C
14 2QZ76	R01N00C
14 2RS76	R01N00C
14 2RE76	R01N00C
14 2RF76	R01N00C
14 2RL76	R01N00C
14 2RO76	R01N00C

14	2RP76	R01N00C
14	2RQ76	R01N00C
14	2RU76	R01N00C
14	2RV76	R01N00C
14	2RZ76	R01N00C
14	RT76	B00N00
14	RH76	B00N00
14	RR76	B00N00
14	LC76	R01N00C
14	3RC76	R01N00C
14	4RC76	R01N00C
14	2SL76	R01N00C
14	2SO76	R01N00C
14	2SP76	R01N00C
14	2SQ76	R01N00C
14	2SU76	R01N00C
14	2SV76	R01N00C
14	2SZ76	R01N00C
14	ST76	B00N00
14	SW76	B00N00
14	SX76	B00N00
14	MC76	R01N00C
14	3SC76	R01N00C
14	4SC76	R01N00C
14	2UX76	R01N00C
14	2UF76	R01N00C
14	2UL76	R01N00C
14	2UO76	R01N00C
14	2UP76	R01N00C
14	2UQ76	R01N00C
14	2UU76	R01N00C
14	2UV76	R01N00C
14	2UZ76	R01N00C
14	2TX76	R01N00C
14	2TE76	R01N00C
14	2TF76	R01N00C
14	1TL76	R01N00C
14	2TL76	R01N00C
14	2TO76	R01N00C
14	2TP76	R01N00C
14	2TQ76	R01N00C
14	2TU76	R01N00C
14	2TV76	R01N00C
14	2TZ76	R01N00C
14	TT76	B00N00
14	TH76	B00N00

14	TR76	B00N00
14	OC76	R01N00C
14	3TC76	R01N00C
14	4TC76	R01N00C
14	2WL76	R01N00C
14	2WO76	R01N00C
14	2WP76	R01N00C
14	2WQ76	R01N00C
14	2WU76	R01N00C
14	2WV76	R01N00C
14	2WZ76	R01N00C
14	WT76	B00N00
14	WW76	B00N00
14	WX76	B00N00
14	PC76	R01N00C
14	3WC76	R01N00C
14	4WC76	R01N00C
14	2ZX76	R03N00A B C
14	2ZE76	R03N00A B C
14	2ZD76	R03N00A B C
14	2ZL76	R03N00A B C
14	2ZO76	R03N00A B C
14	2ZP76	R03N00A B C
14	2ZQ76	R03N00A B C
14	2ZU76	R03N00A B C
14	2ZV76	R03N00A B C
14	2ZZ76	R03N00A B C
14	2XX76	R03N00A B C
14	2XE76	R03N00A B C
14	2XD76	R03N00A B C
14	2XL76	R03N00A B C
14	2XO76	R03N00A B C
14	2XP76	R03N00A B C
14	2XQ76	R03N00A B C
14	2XU76	R03N00A B C
14	2XV76	R03N00A B C
14	2XZ76	R03N00A B C
14	XT76	B00N00
14	XH76	B00N00
14	XR76	B00N00
14	VC76	R03N00A B C
14	3XC76	R03N00A B C
14	4XC76	R03N00A B C
14	2YL76	R03N00A B C
14	2YO76	R03N00A B C
14	2YP76	R03N00A B C

14	2YQ76	R03N00A B C
14	2YU76	R03N00A B C
14	2YY76	R03N00A B C
14	2YZ76	R03N00A B C
14	YT76	B00N00
14	YH76	B00N00
14	YR76	B00N00
14	ZC76	R03N00A B C
14	3YC76	R03N00A B C
14	4YC76	R03N00A B C
15	0177	B00N00
15	0377	B00N00
15	0577	B00N00
15	0677	B00N00
15	0777	B00N00
15	0877	B00N00
15	0977	B00N00
15	1077	B00N00
15	1177	B00N00
15	1277	B00N00
15	1377	B00N00
15	1477	B00N00
15	1577	B00N00
15	1677	B00N00
15	1777	B00N00
15	2177	B00N00
15	2377	B00N00
15	2477	B00N00
15	2577	B00N00
15	2677	B00N00
15	2777	B00N00

## **2.2 FACS Related Changes**

### **Description of Change**

The FACS dataset that is sent to Headquarters on a monthly basis will be restructured to add the seven new regulatory fields.

#### **\*\* IMPORTANT \*\***

**These changes will affect the overall record length increasing it from 398 to 413 in any Job Control Language referencing the FACS History file and the FACS transmission file. The following is an example of the new DCB statement:**

**// DCB=(RECFM=FB,LRECL=413,BLKSIZE=4130)**

### **Functional Impact**

The record length of the FACS history dataset and the FACS transmission dataset was increased from 398 bytes to 413 bytes to allow the new fields to be included in the FACS submission to Headquarters. The new FACS layout is included below the validation procedures for the FACS process.

### **Validation Procedures**

<b><u>FROM</u></b>	<b><u>CHOOSE OPTION</u></b>
Main Menu	7
General Reports Menu	3
FACS Tape Recovery	

Execute the FACS Recovery option in the **BATCH** environment to reset all flagged records from the last FACS run. The default dates on the screen may be used. Make a note of the Rec Reported Date as this will be used in subsequent steps. Verify the program executed successfully. To perform this task, select the core menu options or run using your site unique JCL.

<b><u>FROM</u></b>	<b><u>CHOOSE OPTION</u></b>
Main Menu	7
General Reports Menu	4
FACS Contract Lead Time Submission	

Execute the FACS Lead Time option. Enter the Rec Reported Date used in the previous step. The default correction cutoff date may be used or use the correction cutoff date from the last FACS run. Verify the program executed successfully. Compare the report to the report from the last FACS run. The results should be the same with the exception that the new fields should now be reported. 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 a FACS Trial Run. Enter the Rec Reported Date used in the previous step. The default correction cutoff date may be used or use the correction cutoff date from the last FACS run. **Ensure the Trial Run option is chosen.** Verify all programs executed successfully. Compare the reports to the reports from the last FACS run. (The last report can be from actual FACS run.) The results should be the same with the exception that the new fields should now be reported. 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.) Enter the Rec Reported Date used in the previous step. The default correction cutoff date may be used or use the correction cutoff date from the last FACS run. **Ensure the Produce FACS Dataset option is chosen.** Verify all programs executed successfully. Compare the reports to the reports from the last FACS run. The results should be the same with the exception that the new fields should now be reported. To perform this task, select the core menu options or run using your site unique JCL.

The following listing was prepared to assist you in testing the FACS history dataset conversion (CCR1287N), the FACS Contract Lead Time Report, the FACS Trial Run Submission, and the FACS Monthly Submission. It details the new FACS file layout:

05 RECORD-TYPE	PICTURE X(2)	1-2
05 CONTRACT-NUM	PICTURE X(11)	3-13
05 MOD-NUM	PICTURE X(5)	14-18
05 AIN	PICTURE X(2)	19-20
05 ADD-DESCRIPTION	PICTURE X	21
05 NEW-OR-CORRECTION	PICTURE X	22
05 PIN	PICTURE X(2)	23-24
05 CIC	PICTURE X(7)	25-31
05 CONTRACTOR-NAME	PICTURE X(30)	32-61
05 CONTRACTOR-DIV	PICTURE X(20)	62-81
05 POP-CITY	PICTURE X(24)	82-105
05 POP-STATE	PICTURE X(2)	106-107
05 POP-ZIP-CODE	PICTURE X(9)	108-116
05 CONT-DT		
07 CONTRACT-YR	PICTURE X(4)	117-120
07 CONTRACT-MNTH	PICTURE X(2)	121-122
07 CONTRACT-DAY	PICTURE X(2)	123-124
05 COMP-DT		
07 COMPL-YR	PICTURE X(4)	125-128
07 COMPL-MNTH	PICTURE X(2)	129-130
07 COMPL-DAY	PICTURE X(2)	131-132
05 CLOSEOUT-DT		
07 CLOSEOUT-YR	PICTURE X(4)	133-136
07 CLOSEOUT-MNTH	PICTURE X(2)	137-138
07 CLOSEOUT-DAY	PICTURE X(2)	139-140
05 PPC	PICTURE X(2)	141-142
05 KIND-ACTION	PICTURE X(2)	143-144
05 TYPE-CONTRACTOR	PICTURE X(2)	145-146
05 AWARD-OUTSIDE-US	PICTURE X	147
05 EXT-COMP	PICTURE X	148
05 EST-COST-OR-FIXED-PRICE	PICTURE S9(11)	149-159
05 TOTAL-FEE	PICTURE S9(11)	160-170
05 BAS-INCLUDING-OPTIONS	PICTURE S9(11)	171-181
05 VALUE-INCLUDING-OPTIONS	PICTURE S9(11)	182-192
05 TYPE-SERVICE-OR-PRODUCT	PICTURE X(4)	193-196
05 PHYSICAL-STATUS	PICTURE X	197
05 MOD-OBLIGATION	PICTURE S9(11)	198-208
05 BUNDLING-IND	PICTURE X	209
05 FSS-INDEF-DELIV-BOA	PICTURE X(15)	210-224
05 DESCRIPTION	PICTURE X(100)	225-324
05 CICA-APPLIC	PICTURE X	325
05 PROCUR-SYNOP	PICTURE X	326

05 TYPE-CONTRACT	PICTURE X(2)	327-328
05 NO-OF-OFFERS-SOLICITED	PICTURE X(3)	329-331
05 NO-OF-OFFERS-RECEIVED	PICTURE X(3)	332-334
05 COMP-SOLIC	PICTURE X	335
05 AUTH-FOR-OTHER	PICTURE X	336
05 SUBJ-LABOR-STATUTES	PICTURE X	337
05 NAICS-CODE	PICTURE X(6)	338-343
05 CONT-ADMIN-DELEG	PICTURE X	344
05 PREFERENCE-PROGRAM	PICTURE X	345
05 ADVISORY-ASSIST-SVC	PICTURE X	346
05 SUPPORT-CONTRACT	PICTURE X	347
05 COST-ACCTG-STD-CL	PICTURE X	348
05 NEW-TECH	PICTURE X	349
05 SUB-CONT-PGM-PLAN	PICTURE X	350
05 SBIR-AWARD	PICTURE X	351
05 WOMAN-OWNED	PICTURE X	352
05 FOREIGN-GOVT-ORG	PICTURE X	353
05 COST-PERFORM	PICTURE X	354
05 PROP-SPACE	PICTURE X	355
05 COMM-ACQUIS	PICTURE X	356
05 ETHNIC-GROUP	PICTURE X	357
05 PERFORM-BASED	PICTURE X	358
05 COUNTRY-OF-MANUF	PICTURE X(2)	359-360
05 STTR-AWARD	PICTURE X	361
05 DEMO-TEST-PROGRAM	PICTURE X	362
05 EMERGING-SMALL-BUS	PICTURE X	363
05 EMERG-SM-BUS-AWARD	PICTURE X	364
05 SMALL-BUS-SIZE	PICTURE X	365
05 BLANKET-DELEGATION	PICTURE X	366
05 POST-AWARD-AUDIT	PICTURE X	367
05 SECURITY	PICTURE X	368
05 COST-ACCT-STAND	PICTURE X	369
05 PROPERTY-ADMIN	PICTURE X	370
05 TRANSPORTATION	PICTURE X	371
05 QUALITY-ASSURANCE	PICTURE X	372
05 CONSENT-SUBCONTR	PICTURE X	373
05 CLOSEOUT	PICTURE X	374
05 ENG-PROD-SURVEIL	PICTURE X	375
05 OTHER	PICTURE X	376
05 VALUE-ENG	PICTURE X	377
05 LEAD-TIME	PICTURE 9(3)	378-380
05 MID-RANGE-PROC	PICTURE X	381
05 LEAD-TIME-2	PICTURE 9(3)	382-384
05 HBZ-SML-BUS-CNCRN-IND	PICTURE X	385
05 HBZ-PGM-CODE	PICTURE X	386
05 SDB-PGM-CODE	PICTURE X	387

05 HBZ-PRICE-EVAL-PREF-DIFF-PCT	PICTURE X(2)	388-389
05 SDB-PRICE-EVAL-ADJ-DIFF-PCT	PICTURE X(2)	390-391
05 VOSB-CNCRN-CODE	PICTURE X	392
05 MACFO-CODE	PICTURE X	393
05 EPA-PRDCT-CODE	PICTURE X	394
05 RCVRD-MTRL-CLAUSES-CODE	PICTURE X	395
05 FA-CODE	PICTURE X(4)	396-399
05 FA-DODAAC-CODE	PICTURE X(6)	400-405
05 FA-CMRCL-ITEM-CTGRY-CODE	PICTURE X	406
05 FA-PURCHASE-REASON-CODE	PICTURE X	407
05 FA-CLINGER-COHEN-ACT-IND	PICTURE X	408
05 SUBMISSION-DATE	PICTURE X(4)	409-412
05 FATAL-SWITCH	PICTURE X	413

<u>MODULE ID</u>	<u>MODULE NAME</u>	<u>TYPE</u>
NADO04PA	BROWSE DELIVERY ORDER MENU	PGM
NADO04PB	BROWSE DELIVERY ORDER	PGM
NAGR01PA	FACS LEAD TIME REPORT	PGM
NAXMPCNA	PR CLOSEOUT ERROR MESSAGES	SUBP
QCA20	CONTRACT AWARD ADD SCREEN #1	PGM
QCA21	CONTRACT AWARD UPDATE SCREEN #1	PGM
QCA23	CONTRACT AWARD UPDATE – PAGE 3	PGM
QCA28	CONTRACT AWARD QUERY – PAGE 3	PGM
QCA80	CONTRACT 507 EDIT DRIVER	PGM
QCA85	FORM 507 EDIT MODULE	PGM
QCA89	PPC EDIT VALUE DISPLAY FOR 507 ERROR HELP	PGM
QEMCA20	CONTRACT AWARD ADD SCREEN #1 – MAP 1	MAP
QEMCA20A	CONTRACT AWARD ADD SCREEN #1 – MAP 2	MAP
QEMCA21	CONTRACT AWARD UPDATE SCREEN #1 – MAP 1	MAP
QEMCA21A	CONTRACT AWARD UPDATE SCREEN #1 – MAP 2	MAP
QEMCA23	CONTRACT AWARD UPDATE – PAGE 3 – MAP 1	MAP
QEMCA23A	CONTRACT AWARD UPDATE – PAGE 3 – MAP 2	MAP
QEMCA28	CONTRACT AWARD QUERY – PAGE 3 – MAP	MAP
QEMSA21	PO AWARD UPDATE SCREEN #1 – MAP 1	MAP
QEMSA21A	PO AWARD UPDATE SCREEN #1 – MAP 2	MAP
QEMSA23	PO AWARD UPDATE – PAGE 3 – MAP 1	MAP
QEMSA23A	PO AWARD UPDATE – PAGE 3 – MAP 2	MAP
QEMSA28	PO AWARD QUERY – PAGE 3 – MAP	MAP
QENCA85	EXCEPTION EDIT SUBPROGRAM	SUBP
QENGR14B	FACS COMPARE HISTORY	SUBP
QENGR14C	FACS REPORT; BUILD FACS RECORD	SUBP
QENT59	TABLE LOOKUP FOR EMERGING SMALL BUSINESS	SUBP
QGR07	TRIAL FACS REPORT; CONTRACT FILE	PGM
QGR08	FACS TRIAL RUN – PURCHASE ORDERS	PGM
QGR09	FACS TRIAL RUN – GRANTS	PGM
QGR14	FACS REPORT; CONTRACT FILE	PGM
QGR15	CREATE FACS TAPE FOR PO FILE	PGM
QGR16	CREATE FACS TAPE FOR GRANT FILE	PGM
QGR54	PMDR REPORT - LINES 010-030	PGM
QNA80	GRANT 507 EDIT DRIVER	PGM
QSA15	PO SHORT FORM ADD	PGM
QSA15L	PO SHORT FORM ADD – LOCAL DATA AREA	LDA
QSA17	PO SHORT FORM UPDATE	PGM
QSA17M1	UPDATE 507 WARNING – MAP 1	MAP
QSA17M2	UPDATE 507 WARNING – MAP 2	MAP
QSA21	PO AWARD UPDATE SCREEN #1	PGM
QSA23	PO AWARD UPDATE – PAGE 3	PGM
QSA25	PO AWARD UPDATE – PAGE 2	PGM
QSA28	PO AWARD QUERY – PAGE 3	PGM
QSA80	PO 507 EDIT DRIVER	PGM

### **3.0 Number 1208**

Delete Table 50 edit for Extent of Competition when PPC = "DO" and CICA is blank.

#### **Description of Change**

The following edit will be deleted from Table 50: 14 DO18 R04B002 4 5 6.

#### **Functional Impact**

There should be no functional impact to the AMS user. If PPC is equal to "DO", CICA should be "2"; therefore, no one should have been using the edit that is being deleted.

#### **Validation Procedures**

<u>FROM</u>	<u>CHOOSE OPTION</u>
Main Menu	8
Tables System Menu	2
with Table Number	50

1. Verify that edit has been removed from Table 50.

**APPENDIX D**  
**INSTALLATION INSTRUCTIONS**  
**FOR AMS SOFTWARE RELEASE 7.5.0**

## **INSTALLATION INSTRUCTIONS AND CHECKLIST FOR AMS SOFTWARE RELEASE 7.5.0**

### **Introduction**

Release information:

System Name: AMS  
Release Number: 7.5.0  
Release Date: August 31, 2001  
Effective Date: August 31, 2001

This release must be implemented after the September 2001 FACS submission has been received by Headquarters and before any fiscal year 2002 processing can begin.

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

- xxMOV.AMS.PROD.R750.R0801.DOC
- xxMOV.AMS.PROD.R750.R0801.PRD
- xxMOV.AMS.PROD.R750.R0801.SRC
- xxMOV.AMS.PROD.R750.R0801.TBL023
- xxMOV.AMS.PROD.R750.R0801.TBL050
- xxMOV.AMS.PROD.R750.R0801.TBL070
- xxMOV.AMS.PROD.R750.R0801.TBL071

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.R750.R0801.SRC. The source programs were unloaded using the Natural utility NATUNLD. The programs will be loaded to the application library LAMSPROD, replacing any existing programs of the same name. The source module counts included in this release are listed below:

<b>Natural Source Modules by type</b>	
GLOBAL DATA AREA	1
LOCAL/PARAM DATA AREA	1
MAPS	14
HELP ROUTINES	0
SUBROUTINES	0
SUBPROGRAMS	5
PROGRAMS	45
COPYCODE	0
TEXT	0
PROCESS	0
MISCELLANEOUS OBJECTS	0
<b>Total:</b>	<b>66</b>

### **2.2 List of Source Code Modifications**

The following are the modules added, modified and deleted.

#### **Added Modules:**

There are no modules added in this release.

#### **Changed Modules:**

1. COMMON	Global Data Area	Global
2. NADO04PA	Browse Delivery Order Menu	Program
3. NADO04PB	Browse Delivery Orders	Program
4. NAGR01PA	FACS Lead Time Report	Program
5. NAQS00PA	Quick Status Menu	Program
6. NAQSC1PA	Quick Status – Document Query	Program
7. NAQSM2PA	Quick Status – Document Mod Query	Program
8. NAQSP1PA	Quick Status – PR Query	Program
9. NAXMPCNA	PR Closeout Error Messages	Subprogram
10.QCA20	Contract Award Add Screen #1	Program
11.QCA21	Contract Award Update Screen #1	Program
12.QCA23	Contract Award Update – Page 3	Program
13.QCA28	Contract Award Query – Page 3	Program
14.QCA80	Contract 507 Edit Driver	Program

15.QCA85	Form 507 Edit Module	Program
16.QCA89	PPC Edit Value Display For 507 Error Help	Program
17.QEMCA20	Contract Award Add Screen #1 – Map 1	Map
18.QEMCA20A	Contract Award Add Screen #1 – Map 2	Map
19.QEMCA21	Contract Award Update Screen #1 – Map 1	Map
20.QEMCA21A	Contract Award Update Screen #1 – Map 2	Map
21.QEMCA23	Contract Award Update – Page 3 – Map 1	Map
22.QEMCA23A	Contract Award Update – Page 3 – Map 2	Map
23.QEMCA28	Contract Award Query – Page 3 – Map	Map
24.QEMSA21	PO Award Update Screen #1 – Map 1	Map
25.QEMSA21A	PO Award Update Screen #1 – Map 2	Map
26.QEMSA23	PO Award Update – Page 3 – Map 1	Map
27.QEMSA23A	PO Award Update – Page 3 – Map 2	Map
28.QEMSA28	PO Award Query – Page 3 – Map	Map
29.QENCA85	Exception Edit Subprogram	Subprogram
30.QENGR14B	FACS Compare History	Subprogram
31.QENGR14C	FACS Report; Build FACS Record	Subprogram
32.QENT59	Table Lookup For Emerging Small Business	Subprogram
33.QGM00	Session Initialization	Program
34.QGM10	Acquisition System Options Menu	Program
35.QGR07	Trial FACS Report; Contract File	Program
36.QGR08	FACS Trial Run – Purchase Orders	Program
37.QGR09	FACS Trial Run – Grants	Program
38.QGR14	FACS Report; Contract File	Program
39.QGR15	Create FACS Tape for PO File	Program
40.QGR16	Create FACS Tape for Grant File	Program
41.QGR54	PMDR Report - Lines 010-030	Program
42.QNA80	Grant 507 Edit Driver	Program
43.QSA15	PO Short Form Add	Program
44.QSA15L	PO Short Form Add – Local Data Area	Local
45.QSA17	PO Short Form Update	Program
46.QSA17M1	Update 507 Warning – Map 1	Map
47.QSA17M2	Update 507 Warning – Map 2	Map
48.QSA21	PO Award Update Screen #1	Program
49.QSA23	PO Award Update – Page 3	Program
50.QSA25	PO Award Update – Page 2	Program
51.QSA28	PO Award Query – Page 3	Program
52.QSA80	PO 507 Edit Driver	Program

Deleted Modules:

1. QENSMG01	Error Message Subprogram	Subprogram
2. NAQS00GA	Global Data Area for NAQS00PA	Global

The following programs were created for this release:

1. CCR1287A Adhoc to add and update entries to the Predict AMS Table
2. CCR1287B Adhoc to add new fields to Table 49 (Contract Field Names And Numbers)
3. CCR1287C Adhoc to update all current entries on Table 59 (Demonstration Test Program) to have the result of “Y00”
4. CCR1287D Adhoc to add Table 70 (Funding Agency) to the master table (QGAAAT)

5. CCR1287E	Adhoc to build Table 72 (FA – Commercial Item Category)
6. CCR1287F	Adhoc to build Table 73 (FA – Reason for Purchase)
7. CCR1287G	Adhoc to delete entry 'F' from Table 68 (Multiple Award Contract Fair Opportunity)
8. CCR1287H	Adhoc to build Table 76 (EPA Designated Products)
9. CCR1287I	Adhoc to build Table 77 (Recovered Material Clauses)
10.CCR1287J	Adhoc to remove old entries from Table 23 (Type Of Service Or Product) and to add updated entries to Table 23 from a work file
11.CCR1287K	Adhoc to read a work file and add or update the 507 edits on Table 50
12.CCR1287L	Adhoc to build Table 70 (Funding Agency) from a work file
13.CCR1287M	Adhoc to build Table 71 (FA – DODAAC) from a work file
14.CCR1287N	Adhoc to convert current FACS history dataset to new format

(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**

#### **4.1 Data Dictionary Changes**

This release will include the new enhancements for version 7.5.0. 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-7.5.0.

Use SYSDICBE to load the PREDICT modifications from the dataset xxMOV.AMS.PROD.R750.R0801.PRD.

The following AMS DDM should be generated after the PREDICT load is completed.

CONTRACT-FILE  
PURCHASE-ORDER-FILE

#### **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 Object by Type:

Keyword	-	1
Standard/Help files	-	1
ADABAS Files and Views	-	11

### 4.1.2 Storage Considerations

Not applicable with this release.

### 4.1.3 Physical File Changes

Add the following fields:

CONTRACT-FILE		File # 202						
Ty	L Field ID	F	Length	Occ	D	U	DB	S
*	--	*	--	--	*	*	--	*
1	EPA-PRDCT-CODE	A	1.0				DG	N
1	RCVRD-MTRL-CLAUSES-CODE	A	1.0				DI	N

//DDKARTE DD \*

ADADBS NEWFIELD FILE=202  
ADADBS FNDEF='01,DG,1,A,NU'  
ADADBS FNDEF='01,DI,1,A,NU'  
/\*

Add the following fields:

PURCHASE-ORDER-FILE		File # 204						
Ty	L Field ID	F	Length	Occ	D	U	DB	S
*	--	*	--	--	*	*	--	*
1	EPA-PRDCT-CODE	A	1.0				CL	N
1	RCVRD-MTRL-CLAUSES-CODE	A	1.0				CM	N
1	FA-CODE	A	4.0				CN	N
1	FA-DODAAC-CODE	A	6.0				CQ	N
1	FA-CMRCL-ITEM-CTGRY-CODE	A	1.0				CR	N
1	FA-PURCHASE-REASON-CODE	A	1.0				CS	N
1	FA-CLINGER-COHEN-ACT-IND	A	1.0				CT	N

//DDKARTE DD \*

ADADBS NEWFIELD FILE=204  
ADADBS FNDEF='01,CL,1,A,NU'  
ADADBS FNDEF='01,CM,1,A,NU'  
ADADBS FNDEF='01,CN,4,A,NU'  
ADADBS FNDEF='01,CQ,6,A,NU'  
ADADBS FNDEF='01,CR,1,A,NU'  
ADADBS FNDEF='01,CS,1,A,NU'  
ADADBS FNDEF='01,CT,1,A,NU'  
/\*

## **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.

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 adhocs before performing any validation testing. See Appendix E for JCL examples.

CCR1287A  
CCR1287B  
CCR1287C  
CCR1287D  
CCR1287E  
CCR1287F  
CCR1287G  
CCR1287H  
CCR1287I  
CCR1287J  
CCR1287K  
CCR1287L  
CCR1287M  
CCR1287N

(Remember to change the DCB for the new FACS history dataset to be created.)

## **7.0 Release-Specific Procedures**

There are no Release-Specific Procedures with this release.

## **8.0 Local JCL Mods**

The addition of new fields to the purchase order and contract files will affect the record length of the FACS history dataset and the FACS transmission dataset, increasing it from 398 bytes to 413 bytes in any JCL referencing these datasets. See Appendix E for JCL examples.

## **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
- 8.0 Local JCL Mods

**APPENDIX E**  
**SAMPLE JOB CONTROL LANGUAGE FOR**  
**AMS RELEASE 7.5.0**

## **SAMPLE JOB CONTROL LANGUAGE FOR ADHOC PROGRAMS IN RELEASE 7.5.0**

Sample JCL is listed for the adhocs in Release 7.5.0.

### **1. JCL1**

For Programs CCR1287A - CCR1287I. Modify JCL accordingly for each program to be run.

```
*****      *****TOP OF DATA *****  
000100 //CCR1287A    JOB (MSIRMAMS0004),AMS750,  
000200 //                  CLASS=D,MSGCLASS=A,  
000300 //                  NOTIFY=XXXXX  
000400 //*****  
000500 /*  
000600 //STEP01      EXEC N01Z,PRM='IM=D,MT=9999'  
000700 //CMPRINT     DD SYSOUT=(R),DEST=XXXXX  
000800 //CMSYNIN     DD *  
000900 AMDEVL,XXXXX,XXXXX  
001000 CCR1287A  
001100 FIN  
001200 /*  
001300 //  
*****      ***** BOTTOM OF DATA *****
```

## **2. JCL2**

For Programs CCR1287J – CCR1287M. Modify JCL accordingly for each program to be run.

```
*****      *****TOP OF DATA *****  
000100 //CCR1287J    JOB (MSIRMAMS0004),AMS750,  
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.R750.R0801.TBL023,  
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,XXXXXX,XXXXXX  
001300 CCR1287J  
001400 FIN  
001500 /*  
001600 //  
*****      ***** BOTTOM OF DATA *****
```

For Adhoc CCR1287J, use dataset xxMOV.AMS.PROD.R750.R0801.TBL023.

For Adhoc CCR1287K, use dataset xxMOV.AMS.PROD.R750.R0801.TBL050.

For Adhoc CCR1287L, use dataset xxMOV.AMS.PROD.R750.R0801.TBL070.

For Adhoc CCR1287M, use dataset xxMOV.AMS.PROD.R750.R0801.TBL071.

### 3. JCL3

For Program CCR1287N

```
***** ****TOP OF DATA ****
000100 //CCR1287N   JOB (MSIRMAMS0004),AMS750,
000200 //           CLASS=D,MSGCLASS=A,
000300 //           NOTIFY=XXXXX
000400 //*****
000500 //*
000600 //STEP01      EXEC N01Z,PRM='IM=D,MT=99999'
000700 //CMWKF01    DD DSN=MSIRM.AMS0DT.HIST507.FACS(0),DISP=SHR,
000800 //           DCB=(RECFM=FB,LRECL=398,BLKSIZE=3980),
000900 //           UNIT=SYSDA
001000 //CMWKF02    DD DSN=MSIRM.AMS0DT.HIST507.FACS(+1),
001100 //           DISP=(NEW,CATLG,DELETE),
001200 //           SPACE=(CYL,(13,9),RLSE),UNIT=SYSDA,
001300 //           DCB=(RECFM=FB,LRECL=413, BLKSIZE=4130)
001400 //CMPRINT     DD SYSOUT=(R),DEST=XXXXX
001500 //CMSYNIN     DD *
001600 AMDEVL,XXXXX,XXXXX
001700 CCR1287N
001800 FIN
001900 /*
002000 //*****
***** ****BOTTOM OF DATA ****
```

**Remember to substitute the dataset names above with your site unique dataset names.**

\*\*\*Be sure to change the DCB statement to reflect the increase in the record \*\*\*  
\*\*\*length of the FACS history file. This must also be changed on all other \*\*\*  
\*\*\* FACS related JCL. \*\*\*

#### 4. JCL4

##### For FACS Contract Lead Time Report

```
***** *****TOP OF DATA *****
000100 //FACSLEAD JOB (MSIRMAMS0004),AMS750,
000200 //           CLASS=D,MSGCLASS=A,
000300 //           NOTIFY=XXXXX
000400 //*****
000500 //*
000600 //STEP01      EXEC N01Z,PRM='IM=D,MT=99999'
000700 //CMWKF01    DD DSN=MSIRM.AMS0DT.HIST507.FACS(0),DISP=SHR,
000800 //           DCB=(RECFM=FB,LRECL=413,BLKSIZE=4130),
000900 //           UNIT=SYSDA
001000 //CMPRINT     DD SYSOUT=(A,P3103102)
001100 //CMSYNIN     DD *
001200 AMDEVL,XXXXX,XXXXX
001300 NAGR01PA
001400 20011001,20011001
001500 FIN
001600 /*
001700 //*****
***** ***** BOTTOM OF DATA *****
```

**Remember to substitute the dataset names above with your site unique dataset names.**

**\*\*\*Be sure to change the DCB statement to reflect the increase in the record length of the FACS history file. \*\*\***

## 5. JCL5

### For FACS Trial Run Submission

```
***** *****TOP OF DATA *****
000100 //FACSQGR7 JOB (MSIRMAMS0004),AMS750,
000200 //           CLASS=D,MSGCLASS=A,
000300 //           NOTIFY=XXXXX
000400 //*****
000500 //*
000600 //STEP01      EXEC N01Z,PRM='IM=D,MT=99999'
000700 //CMWKF01    DD DSN=MSIRM.AMS0DT.HIST507.FACS(0),DISP=SHR,
000800 //           DCB=(RECFM=FB,LRECL=413,BLKSIZE=4130),
000900 //           UNIT=SYSDA
001000 //CMPRINT     DD SYSOUT=(A,P3103102)
001100 //CMSYNIN     DD *
001200 AMDEVL,XXXXX,XXXXX
001300 QGR07
001400 20011001,20011001,10
001500 FIN
001600 /*
001700 //*****
***** ***** BOTTOM OF DATA *****
```

**Remember to substitute the dataset names above with your site unique dataset names.**

**\*\*\*Be sure to change the DCB statement to reflect the increase in the record length of the FACS history file. \*\*\***

## 6. JCL6

### For FACS Monthly Submission

```
***** *****TOP OF DATA *****
000100 //FACQGR14 JOB (MSIRMAMS0004),AMS750,
000200 //           CLASS=D,MSGCLASS=A,
000300 //           NOTIFY=XXXXX
000400 //*****
000500 //*
000600 //STEP01      EXEC N01Z,PRM='IM=D,MT=99999'
000700 //CMWKF01    DD DSN=MSIRM.AMS0DT.HIST507.FACS(0),DISP=SHR,
000800 //           DCB=(RECFM=FB,LRECL=413,BLKSIZE=4130),
000900 //           UNIT=SYSDA
000905 //CMWKF02    DD DSN=MSIRM.AMS0DT.HIST507.FACS(+1),
000910 //           DISP=(NEW,CATLG,DELETE),
000915 //           SPACE=(CYL,(13,9),RLSE),UNIT=SYSDA,
000920 //           DCB=(RECFM=FB,LRECL=413,BLKSIZE=4130)
000925 //CMWKF03    DD DSN=MSIRM.AMS0DT.FACS507.FACS(+1),
000930 //           DISP=(NEW,CATLG,DELETE),
000935 //           SPACE=(CYL,(13,9),RLSE),UNIT=SYSDA,
000940 //           DCB=(RECFM=FB,LRECL=413,BLKSIZE=4130)
001000 //CMPRINT     DD SYSOUT=(A,P3103102)
001100 //CMSYNIN     DD *
001200 AMDEVL,XXXXX,XXXXX
001300 QGR14
001400 20011001,20011001,10
001500 FIN
001600 /*
001700 //*****
***** *****BOTTOM OF DATA *****
```

**Remember to substitute the dataset names above with your site unique dataset names.**

**\*\*\*Be sure to change the DCB statement to reflect the increase in the record length of the FACS history file and FACS transmission file. \*\*\***