



AUTOMATED INFORMATION MANAGEMENT

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

Release 6.0.1

AIM-AMS-DS-13

PrISMS Contract

October 1996



National Aeronautics and
Space Administration

George C. Marshall Space Flight Center
Huntsville, AL 35812

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ACQUISITION MANAGEMENT SYSTEM (AMS)
RELEASE 6.0.1**

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

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NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
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1.0 INTRODUCTION

This Version Description Document (VDD) describes the changes and installation procedures for this release 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 6.0.1 and has an effective release date of October 23, 1996.

1.2 PURPOSE OF THE RELEASE

This release implements modifications necessitated by the following Discrepancy Report (DRs):

000010 (DR)	Purchase Order Add
	Purchase Order Update
000011 (DR)	Purchase Order Add
	Purchase Order Update

1.3 SCOPE

This VDD provides the functional and technical user of AMS with information regarding the contents, status, and structure of Release 6.0.1, including the following:

- Changes implemented since Release 6.0.
- Validation procedures to ensure the reliability of release changes.
- References to other documentation affected by this release.
- Detailed software installation instructions.

No waivers are associated with this release.

1.4 CONTACT POINTS

Sustaining Engineering for AMS is provided through the Consolidation Center (CC) located at Marshall Space Flight Center (MSFC). Questions regarding the function 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 user.)

Telephone: (205) 544-6673

Email: ahmad.abu-alrub@msfc.nasa.gov

FAX: (205) 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 Automated Information Management (AIM) application.

2.3 CRITICAL ISSUES

It is the responsibility of each site to blank out those TO-CLOSEOUT-DATE values that were entered but should have been left blank prior to this release.

2.4 AFFECTED DOCUMENTS

No documents are affected by this release.

2.5 APPLICATION SYSTEM ADMINISTRATION

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

3.0 TECHNICAL INFORMATION

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

3.1 TECHNICAL SYSTEM INTERFACES

There are no technical systems interface issues with this release.

3.2 DATA DICTIONARY CHANGES

There are no data dictionary changes in this release.

3.3 SOFTWARE OBJECT CHANGES

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

3.4 DATABASE ADMINISTRATION

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

3.4.1 Release Dataset Names

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

3.4.2 Inventory of Objects

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

3.4.3 Storage Considerations

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

3.4.4 Installation Procedures

Refer to Appendix D, Installation Instructions for AMS Software Release 6.0.1 for detailed software installation procedures.

3.5 OPERATIONAL PREPARATION

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

4.0 KNOWN AND OPEN PROBLEMS

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

APPENDIX A
ABBREVIATIONS AND ACRONYMS

ABBREVIATIONS AND ACRONYMS

AIM	Automated Information Management
AMS	Acquisition Management System
CC	Consolidation Center
CCR	Change Control Request
DR	Discrepancy Report
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
VDD	Version Description Document
SESAAS	Sustaining Engineering Services for Agency-wide Administrative Systems

APPENDIX B
GLOSSARY

GLOSSARY

Database Administration

Responsibility for maintaining the physical database environment.

Implementation

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

Operational Preparation

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

System Administration

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

Waiver

A written authorization, from the AIM Program Director, for a Development Installation to deviate from a specific AIM standard or guideline in the implementation of an AIM software application—waivers may be permanent or temporary.

APPENDIX C
FUNCTIONAL CHANGE VALIDATION
PROCEDURES

FUNCTIONAL CHANGE VALIDATION PROCEDURES

Index of validation procedures for changes in this release.

Section	DR	Title
1.0	000010	Purchase Order Add Purchase Order Update
2.0	000011	Purchase Order Add Purchase Order Update

Details for the validation procedures are listed below:

1. DR Number 000010 (Purchase Order Update/Add)

To-Closeout-Date is a required field on the Purchase Order Update Screen.

Description of Change

Make To-Closeout-Date an optional field.

Functional Impact

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

Validation Procedures

- Go to the Purchase Order Award Menu. Choose Option 1 (Add an Original PO Award).
 - Enter data for all required fields. Enter an invalid date (i.e., enter a date with an invalid month) in the To-Closeout-Date field, and press <ENTER>. An error message will be displayed.
 - Blank out the To-Closeout-Date field, and press <ENTER>. The PO record will be generated successfully.
 - Go to Purchase Order Award Menu. Choose Option 2 (Update an Original PO Award).
 - Enter an invalid date in the To-Closeout-Date field. An error message will be displayed.
 - Blank out the To-Closeout-Date field, and press <ENTER>. The PO record will be updated successfully.
-

<u>MODULE ID</u>	<u>MODULE NAME</u>	<u>TYPE</u>	<u>CCR#</u>
QEMSA15	Purchase Order Add	MAP	10, 11
QEMSA15A	Purchase Order Add	MAP	10, 11
QEMSA17	Purchase Order Update	MAP	10, 11
QEMSA17A	Purchase Order Update	MAP	10, 11
QSA15	Purchase Order Add	PGM	10, 11
QSA17	Purchase Order Update	PGM	10, 11
QGM00	AMS Banner Screen	PGM	10, 11

2. DR Number 000011 (Purchase Order Update/Add)

Required-Delivery-Date should come before To-Closeout-Date.

Description of Change

Exchange the position of Required-Delivery-Date with To-Closeout-Date.

Functional Impact

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

Validation Procedures

- Go to Purchase Order Award Menu. Choose Option 1 (Add an Original PO Award).
- Verify that Required-Delivery-Date comes before To-Closeout-Date on this screen.
- Go to Purchase Order Award Menu. Choose Option 2 (Update an Original PO Award).
- Verify that Required-Delivery-Date comes before To-Closeout-Date on this screen.

<u>MODULE ID</u>	<u>MODULE NAME</u>	<u>TYPE</u>	<u>CCR#</u>
QEMSA15	Purchase Order Add	MAP	10, 11
QEMSA15A	Purchase Order Add	MAP	10, 11
QEMSA17	Purchase Order Update	MAP	10, 11
QEMSA17A	Purchase Order Update	MAP	10, 11
QSA15	Purchase Order Add	PGM	10, 11
QSA17	Purchase Order Update	PGM	10, 11
QGM00	AMS Banner Screen	PGM	10, 11

APPENDIX D
INSTALLATION INSTRUCTIONS
FOR AMS SOFTWARE RELEASE 6.0.1

INSTALLATION INSTRUCTIONS AND CHECKLIST FOR AMS SOFTWARE RELEASE 6.0.1

Introduction

Release information:

System Name: AMS
Release Number: 6.0.1
Release Date: October 23, 1996
Effective Date: Immediately

The following datasets are located on the AIM Central Distribution Facility as AIM data sets.

- AIMS.AMS.PROD.REL601.REL1096.SRC
- AIMS.AMS.PROD.REL601.REL1096.DOC

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

Telephone: (205) 544-6673
Email: ahmad.abu-alrub@msfc.nasa.gov
FAX: (205) 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/Object Code
- 3.0 Pre-Predict Data Conversion
- 4.0 Install Predict
- 5.0 Catalog Source Code
- 6.0 Post-Predict Data Conversion
- 7.0 Perform 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/Object Code

2.1 Copy Source Code

Load the AMS source library from dataset AIMS.AMS.PROD.REL601.REL1096.SRC. The source programs were unloaded using the Natural utility NATUNLD. The programs will be loaded to the application library AMS, replacing any existing programs of the same name. The source module counts included in this release are listed below:

Natural Source Modules by type	
COPYCODE	0
GLOBALS	0
HELP	0
LDA	0
MAP	4
PDA	0
PROGRAM	3
SUB PGM	0
SUBROUTINES	0
Total:	7

2.2 List of Source Code Modifications

The following are the modules added, modified and deleted.

Added Modules

There are no new modules associated with this release.

Changed Modules

1. QEMSA15 Purchase Order Add
2. QEMSA15A Purchase Order Add
3. QEMSA17 Purchase Order Update
4. QEMSA17A Purchase Order Update
5. QSA15 Purchase Order Add
6. QSA17 Purchase Order Update
7. QGM00 AMS Banner Screen

Deleted Modules

There are no modules deleted with this release.

2.3 Copy Object Modules

Not applicable with this release.

3.0 Pre-Predict Data Conversion

Not applicable with this release.

4.0 Install Predict

Not applicable with this release.

5.0 Catalog Source Code

Run a batch job to catalog (CATALL) all modules in the AMS or other named library. It is not necessary to catalog the Global Data Area. The AIM Batch standard parameters should be used for the compile.

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

6.0 Post-Predict Data Conversion

There is no post-Predict data conversion required.

7.0 Perform Release-Specific Procedures

There are no Release-Specific Procedures with this release.

8.0 Local JCL Mods

There are no local JCL mods with this release.

9.0 Installation Checklist

- 1.0 Back Up Existing Data
- 2.1 Copy Source Code
- 5.0 Catalog Source Code