

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

Release 6.0.3

PrISMS Contract

March 1997



National Aeronautics and  
Space Administration

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

**VERSION DESCRIPTION DOCUMENT  
FOR THE  
ACQUISITION MANAGEMENT SYSTEM (AMS)  
RELEASE 6.0.3**

Submitted by

Ahmad Abu-Alrub  
Technical Area Lead

Reviewed by

CSC

Steve Rowell  
Agencywide IRM, Property and  
Procurement Systems

Jim Cofer  
Configuration Management

Hector Garcia  
Agencywide IRM

Richard Bishop  
DBA

Prepared by

Computer Sciences Corporation, Contract NAS8-60000

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

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Approved by

Sheila Fogle  
Consolidation Center  
Project Manager

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION  
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## **1.0 INTRODUCTION**

This Version Description Document (VDD) describes the changes and installation procedures for Release 6.0.3 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 6.0.3 and has an effective release date of March 17, 1997.

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

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

**1209** - Processing goes into an infinite loop when the user generates a new PO with a PR that is closed when the following information is entered: "N" in CLOSEOUT PR field, "N" in 507 REQUIRED field, "26000" in PRICE/EST COST field. The user cannot get away from the two error/warning messages without logging out of the system.

### **1.3 SCOPE**

This VDD provides the functional and technical user of AMS with information regarding the contents, status, and structure of Release 6.0.3, including the following:

- Changes implemented since Release 6.0.2.
- 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](mailto: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 SESAAS (Sustaining Engineering Support for Agencywide Administrative Systems) application.

### **2.3 CRITICAL ISSUES**

There are no critical issues associated with 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 6.0.3 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
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 Support for Agencywide Administrative Systems



**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.

### **Waiver**

A written authorization, from the NASA Program Director, for a Development Installation to deviate from a specific NASA standard or guideline in the implementation of an NASA 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	001209	User stuck in infinite loop.

Details for the validation procedures are listed below:

### 1. DR Number 001209

System goes into an infinite loop.

#### Description of Change

Processing goes into an infinite loop when the user generates a new PO with a PR that is closed when the following information is entered: "N" in CLOSEOUT PR field, "N" in 507 REQUIRED field, "26000" in PRICE/EST COST field. The user cannot get away from the two error/warning messages without logging out of the system.

#### Functional Impact

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

#### Validation Procedures

- Select a PR that has been closed.
- From the Main Menu, choose Option 3 (Purchase Orders).  
Choose Option 1 (Award).  
Choose Option 1 (Add an Original PO Award) and enter a new PO number.
- In the PR NUM field, enter the PR number of the closed PR.  
In the CLOSEOUT PR field, enter "N".  
In the 507 REQUIRED field, enter "N".  
In the PRICE/EST COST field, enter "26000".
- Enter the remaining required fields and press <ENTER>.  
The following message will be displayed: "PR ALREADY CLOSED. ENTER C TO LEAVE AS IS OR Y TO UPDATE PR COMPLETED DATE."
- Change the value in the CLOSEOUT PR field to "C" and press <ENTER>.  
A pop-up window titled "ADDITION 507 WARNING" will appear.  
Enter "N" in response to the pop-up window and press <ENTER>.  
The record will be added successfully.
- Using the above record (with the same data), verify that the Update PO process works successfully.

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<u>MODULE ID</u>	<u>MODULE NAME</u>	<u>TYPE</u>	<u>CCR#</u>
QGM00	Session Initialization	PGM	001209
QSA15	PO Add (Short Form)	PGM	001209
QSA17	PO Short Form Update	PGM	001209

**APPENDIX D**  
**INSTALLATION INSTRUCTIONS**  
**FOR AMS SOFTWARE RELEASE 6.0.3**



# INSTALLATION INSTRUCTIONS AND CHECKLIST FOR AMS SOFTWARE RELEASE 6.0.3

## Introduction

Release information:

System Name: AMS  
Release Number: 6.0.3  
Release Date: March 17, 1997  
Effective Date: Immediately

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

- AIMS.AMS.PROD.REL603.REL0397.SRC
- AIMS.AMS.PROD.REL603.REL0397.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.REL603.REL0397.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>	
COPYCODE	0
GLOBALS	0
HELP	0
LDA	0
MAP	0
PDA	0
PROGRAM	3
SUB PGM	0
SUBROUTINES	0
<b>Total:</b>	<b>3</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. QGM00	Session Initialization	Program
2. QSA15	PO Add (Short Form)	Program
3. QSA17	PO Short Form Update	Program

### Deleted Modules:

There are no modules deleted in 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 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

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