

**VERSION DESCRIPTION DOCUMENT  
FOR THE NASA TRAINING AND DEVELOPMENT SYSTEM**

Release 2.6.3

PrISMS Contract

March 1998



National Aeronautics and  
Space Administration

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







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NASA TRAINING AND DEVELOPMENT SYSTEM  
RELEASE 2.6.3**

Approved by

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Sheila Fogle  
Consolidated Center Project  
Manager

Date

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION  
GEORGE C. MARSHALL SPACE FLIGHT CENTER  
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## TABLE OF CONTENTS

<b>Section</b>	<b>Page</b>
1.0 INTRODUCTION .....	1-1
1.1 Identification of the Release.....	1-1
1.2 Purpose of the Release.....	1-1
1.3 Scope of the Release .....	1-1
1.4 Contact Points .....	1-1
2.0 FUNCTIONAL INFORMATION.....	2-1
2.1 Functional Changes .....	2-1
2.2 Functional Interfaces.....	2-1
2.3 Critical Issues.....	2-1
2.4 Affected Documents .....	2-1
2.5 Application System Administration .....	2-1
3.0 TECHNICAL INFORMATION .....	3-1
3.1 Technical System Interfaces .....	3-1
3.2 Data Dictionary Changes .....	3-1
3.3 Software Object Changes.....	3-1
3.4 Data-Base Administration.....	3-1
3.4.1 Release Data Set Names.....	3-1
3.4.2 Inventory of Objects .....	3-1
3.4.3 Storage Considerations.....	3-1
3.4.4 Installation Procedures.....	3-1
3.5 Operational Preparation.....	3-2
4.0 KNOWN AND OPEN PROBLEMS.....	4-1

## APPENDIXES

<b>Appendix</b>		<b>Page</b>
A	ABBREVIATIONS AND ACRONYMS.....	A-1
B	GLOSSARY.....	B-1
C	FUNCTIONAL CHANGE VALIDATION PROCEDURES.....	C-1
D	INSTALLATION INSTRUCTIONS.....	D-1

## **1.0 INTRODUCTION**

The Version Description Document (VDD) identifies the exact version of the National Aeronautics and Space Administration (NASA) Training and Development System (NTDS) released for installation/implementation.

### **1.1 Identification of the Release**

This software release is identified as NTDS, Release 2.6.3 and has an effective release date of March 23, 1998. Support of the previous release expires 30 days after the scheduled implementation date of March 23, 1998.

### **1.2 Purpose of the Release**

The purpose of this release is to provide an interface with AdminSTAR Training History. The Change Control Request (CCR) is listed in Appendix C.

### **1.3 Scope**

This VDD provides the functional and technical user of NTDS with information regarding the contents, status, and structure of Release 2.6.3, including the following:

- Changes implemented since release 2.6.2.
- Validation procedures to ensure the reliability of release changes.
- Detailed software installation instructions.

### **1.4 Contact Points**

Sustaining Engineering for NTDS is provided through the NASA Automated Data Processing (ADP) Consolidation Center (NACC) Technical Services Center 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:

The NACC Technical Services Center (Use following Key Words: SESAAS & NTDS)

Telephone: (205) 544-8441  
E Mail: Jacky.Davis@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 Procedures, describes all Software PREDICT and SYSERR changes related to this release.

### **2.2 Functional Interfaces**

Not Applicable

### **2.3 Critical Issues**

Not Applicable

### **2.4 Affected Documents**

- NTDS UOG

### **2.5 Application System Administration**

Not Applicable

## **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**

Not Applicable

### **3.2 Data Dictionary Changes**

Not Applicable

### **3.3 Software Object Changes**

The affected module for this release is included in Appendix D, Section 2.2.

### **3.4 Database Administration**

This section describes the database administration activities for NTDS.

#### **3.4.1 Release Data Set Names**

The data sets for Release 2.6.3 are located on the Central Distribution Facility. The names of these data sets are included in the Introduction of Appendix D.

#### **3.4.2 Inventory of Objects**

Refer to Appendix D.

#### **3.4.3 Storage Considerations**

Not Applicable

#### **3.4.4 Installation Procedures**

Refer to Appendix D, Installation Instructions, for detailed procedures.

### **3.5 Operational Preparation**

Refer to the procedures described in Section 3.4.4 for assistance in preparing for proper installation and operational use of the release

#### **4.0 KNOWN AND OPEN PROBLEMS**

There are no known and open problems.



**APPENDIX A**  
**ABBREVIATIONS AND ACRONYMS**



## ABBREVIATIONS AND ACRONYMS

ADP	Automated Data Processing
BJS	Batch Job Submitter
CCR	Change Control Request
CR	Change Request
DR	Discrepancy Report
ID	Identification
IDP	Individual Development Plan
MATH	Mass Add of Training History
NACC	NASA Automated Data Processing Consolidation Center
NASA	National Aeronautics and Space Administration
NDM	Network Data Mover
NTDS	NASA Training and Development System
PF	Program Function
SESAAS	Sustaining Engineering Support for Agencywide Administrative Systems
SIDP	Standard Individual Development Plan
SSN	Social Security Number
SYSERR	Natural System Error Utility
TH	Training History
TR	Training Request
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 an software release and places it into operational use.

### **Operational Preparation**

Preparation by a NASA site for installation and use of an application 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 provided for changes in this release.

Section	CCR	Title
1.0	98000002	Provide an interface with AdminSTAR for Training History.

Details for the validation procedures are listed below:

### 1.0 CCR Number 98000002 NTDS/AdminSTAR interface.

Provide an interface with AdminSTAR for Training History.

#### Description of Enhancement

Interface available now for bringing over Training History data from AdminSTAR.

#### Functional Impact

No impact.

#### Validation Procedures

Verify the format and content of data match requirements.

- **Process the AdminSTAR Training History Interface**

1. In NTDS Main Menu, type expert command BJS in the command line, then press <ENTER>.
2. The BJS Main Menu welcome screen will display, press <ENTER>.
3. In BJS Main Menu, type B for job scheduling, press <ENTER>.
4. Type B for submit process job, from the job scheduling screen and press <ENTER>.
5. Page down by pressing PF8 key until you see ADMINSTAR TRN HISTORY.
6. Place a 'S' by the job and press <ENTER>.
7. Place an 'A' in the Selection and press <ENTER>.
8. Press <ENTER> twice to finish submit.
9. Press PF3 key until you get to the job scheduling screen.
10. Type A for job queue.

11. Page down if you have to, to see ADMINSTAR TRN HISTORY.
12. When it says completed type NTDS at the command line and press <ENTER>.
13. From the NTDS Main Menu select option D, Training History. Press <ENTER>. Verify that the Training History menu is displayed.
14. From the Training History menu, select option B, Training History Select. Press <ENTER>. Verify that the Training History Select screen is displayed.
15. From the Training History Select screen, enter an SSN from the imported AdminSTAR file. Press <ENTER>. Place a B in the sel column and press <PF2>. Verify that the training instace screen is displayed. If you get a no data matched searched criteria, check the report that came out with the run for errors.

**APPENDIX D**  
**INSTALLATION INSTRUCTIONS**



# INSTALLATION INSTRUCTIONS

## Introduction

Release identification:

System Name            NASA Training and Development System (NTDS)  
Release Number        2.6.3  
Release Date            March 23, 1998  
Release Effective Date for this release is March 23, 1998

Release Implementation Date:    March 23, 1998

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

- AIMS.NTDS.PROD.REL263.REL0398.SRC
- AIMS.NTDS.PROD.REL263.REL0398.DOC

In case of installation problems, contact the NACC Technical Services Center (identify yourself as SESAAS and NTDS.)

Telephone:            (205) 544-8441  
Email:                jacky.davis@msfc.nasa.gov  
FAX Number            (205) 544-1836

## Installation Sequence

Installation is to occur in the following sequence:

- 1.0 Backups
- 2.0 Copy Source/Object Code
- 3.0 Pre-PREDICT Data Conversion
- 4.0 PREDICT Installation
- 5.0 Catalog Source Code
- 6.0 Post-PREDICT Data Conversion/Load
- 7.0 Perform Release-Specific Installation Procedures
- 8.0 Installation Checklist for NTDS Release 2.6.3

### 1.0 BACKUPS

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

### 2.0 COPY SOURCE/OBJECT CODE

## 2.1 Copy Source Code

Load the NTDS source library from dataset AIMS.NTDS.PROD.REL263.REL0398.SRC using the Natural utility NATLOAD. The source program was unloaded using the Natural utility NATUNLD. The program will be loaded to the application library NTDS, replacing any existing program of the same name. The source module count included in this release is listed below:

### Natural Source Modules by Type

Global Data Areas	0
Local/Param Data Areas	0
Maps	0
Helproutines	0
Subroutines	0
Subprograms	0
Programs	1
Copycode	0
Text	0
Process	0
Miscellaneous Objects	0
=====	
Total Programming Objects	1
Total Views Unloaded	0
Total Objects Read	1
Total Object Unloaded	1

## 2.2 List of Source Code Modifications

The following are the modules added, modified and deleted.

### Added Modules

NTDBI217 Interface module for Training History from AdminSTAR.

### Changed Modules

Not Applicable

### Deleted Modules

Not Applicable

### **2.3 Copy Object Modules**

Not Applicable

### **3.0 PRE-PREDICT DATA CONVERSION**

Not Applicable

### **4.0 PREDICT INSTALLATION**

Not Applicable

### **5.0 CATALOG SOURCE CODE**

It is only necessary to catalog the one module being released. A CATALL is not required.

After objects are compiled, the NTDS application will run under the on-line standard parameters.

### **6.0 POST-PREDICT DATA CONVERSION/LOAD**

Not Applicable

### **7.0 PERFORM RELEASE-SPECIFIC INSTALLATION PROCEDURES**

Not Applicable

#### **7.1 Load NTDS Error Messages into SYSERR**

Not applicable for this release.

#### **7.2 Update Release Number**

Log on to NTDS library and execute program NTDP-REL on the Natural Command line. Enter the release number as 02.60.30 and press <ENTER>.

From the Natural command line, execute program BJSP-REL. Enter the release number as 02.60.30 and press <ENTER>.

#### **7.3 Update NTDS Menu and Expert Commands**

There are no new menu options or expert commands associated with this release.

## 7.4 Perform NTDS Batch Job Submitter (BJS) Maintenance

Add the following Job, Task, and JCL records to BJS

NTJI217 – AdminSTAR Training History Interface

This job needs to run after AdminSTAR Interface file has been received.

### 7.4.1 Add a new Job record in BJS

1. In NTDS Main Menu, type expert command BJS in the command line, then press <ENTER>.
2. The BJS Main Menu welcome screen will display, press <ENTER>.
3. In BJS Main Menu, type expert command ADDJOB in the command line, then press <ENTER>.
4. In the Add Job screen, enter the following data:
5. Press <ENTER> to save the new record.

```
JOB NUMBER      = NTJI217
JOB TITLE       = ADMINSTAR TRN HISTORY
JOB SUFFIX      = A
SECURITY INDEX  = 8
JOB TYPE        = U
SEQUENCE #      = 1
JCL NAME        = NTJI217
INPUT TAPE REQUESTED = N
OUTPUT TYPE     = H
RUN FREQUENCY   = O
PARAMETER USAGE 1 = NTDPI200
```

### 7.4.2 Add a new Task record in BJS

1. In BJS, type the expert command ADDTASK in the command line, then press <ENTER>.
2. In the Add Task screen, enter the following data:
3. Press <ENTER> to save the new record.

```
TASK NAME       = NTDBI217
JOB NO.         = NTJI217
TASK SEQUENCE   = 1
TITLE           = ADMINSTAR TRN HIST
PRINT FILE      = 1
```

TASK PROGRAM = NTDBI217  
 PARAMETER INDEX = 1  
 HARDCOPY FORM NUMBER = STD (varies by site)  
 SINGLE/DOUBLE SIDED = S  
 PRINT RECIPIENT LIST = N  
 TOTAL PRINTED COPIES = 1 (varies by site)  
 PRIVACY ACT INFO = Y

### 7.4.3 Add a new JCL record in BJS

1. In BJS, type the expert command ADDJCL in the command line, then press <ENTER>.
2. In the Add JCL screen enter NTJI217 for the JCL NAME.
3. Enter the following data:
3. Press <ENTER> to save the new record.

```

//#ACCOUNT JOB (ACCOUNTING CODE,ROOM
NBR),#USER##,MSGCLASS=A,CLASS=B,
//      MSGLEVEL=(1,1),NOTIFY=#NOTIFY_____
//*****
/* THIS JOB PERFORMS THE LOAD OF THE TRAINING HISTORY THAT WAS_____
/* EXPORTED FROM ADMINSTAR_____
//*****
//STEP010 EXEC CCCC_____
//CMWKF01  DD DSN=DDDDDDDDDD,DISP=SHR_____
//CMSYNIN DD * _____
EEEE,FFFF_____
FFFF_____
BJSPC210 #QUE-ISN_____
#TASKS_____
BJSPC250 #QUE-ISN_____
FIN_____
//CMPRINT DD SYSOUT=G_____
//CMPRT01 DD SYSOUT=G_____
//CMPRT02 DD SYSOUT=G_____
/*_____
#COPY(ERROR1)_____
/*_____
//_____

```

**ACCOUNTING CODE = Accounting information.**  
**ROOM NBR = Room number.**  
**A = MsgClass you will use.**  
**B = Class of job to run in.**  
**CCCC = Natural startup environment.**  
**DDDDDDDDDD = Input dataset sent from AdminSTAR.**  
**EEEE = Library you will use.**  
**FFFF = UserID you will use.**  
**G = Output class.**

## 8.0 INSTALLATION CHECKLIST FOR NTDS RELEASE 2.6.3

### APPLICATION SETUP

NOTE: 'Ref.' refers to the corresponding section number in VDD Appendix D or \$README.

(STAG/PROD)

- |         |                                      |            |
|---------|--------------------------------------|------------|
| ___/___ | Perform Backups                      | (Ref. 1.0) |
| ___/___ | Copy Source code                     | (Ref. 2.1) |
| ___/___ | Catalog Source programs              | (Ref. 5.0) |
| ___/___ | Update Release Number (NTDS and BJS) | (Ref. 7.2) |