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## **Reserve Component Automation (RCA) Program**

Alliant Contract #GS00Q-09BGD0037

RCAS TO #GST0013AJ0065

### **Software Version Description (SVD) for the Standard Installation/Division Personnel System (SIDPERS) Version 1.15.16.00**

Deliverable #24b

RCA.IMS.U.SVD.SIDPERS-1-15-16-00.R1C0

Issued 15 July 2014

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## Change Record

This sheet records all changes to this document from its origination date. When a new version of the document is issued, as indicated by the number in the Version column of the table below, the previous version is automatically superseded.

Version	Issue Date	Pages Changed	Reason for Change	Change Author
1.0	15 July 2014	All	Initial Release	Alexander Nogin

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RCA SIDPERS Version 1.15.16.00 SVD  
RCA.IMS.U.SVD.SIDPERS-1-15-16-00.R1C0

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## Table of Contents

<b>1</b>	<b>INTRODUCTION .....</b>	<b>1</b>
1.1	SCOPE.....	1
1.2	SYSTEM OVERVIEW.....	1
1.3	REFERENCED DOCUMENTS.....	1
1.4	POINTS OF CONTACT .....	1
<b>2</b>	<b>VERSION DESCRIPTION .....</b>	<b>2</b>
2.1	INVENTORY OF MATERIAL RELEASED.....	2
2.2	INVENTORY OF SOFTWARE CONTENTS .....	2
2.3	CHANGES INSTALLED .....	3
2.4	ADAPTATION DATA.....	3
2.5	POSSIBLE PROBLEMS AND KNOWN ERRORS .....	3
<b>3</b>	<b>INSTALLATION INSTRUCTIONS .....</b>	<b>3</b>
3.1	PREPARING FOR INSTALLATION.....	3
3.2	LOADING AND INSTALLING SIDPERS 1.15.16.00 ON THE APPLICATION SERVER.....	4
3.3	RUNNING THE LOAD_v11516.SH.....	4
3.4	IMPORT DATA FILE FOR THE RCAS DATABASE .....	5
<b>4</b>	<b>RECOVERY PLAN.....</b>	<b>5</b>
4.1	GOALS.....	5
4.2	RECOVERY INSTRUCTIONS .....	5
4.2.1	SIDPERS Application.....	5
4.2.2	Oracle Database .....	5
	<b>APPENDIX A ACRONYMS AND DEFINITIONS .....</b>	<b>A-1</b>

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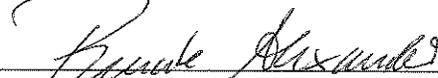


RCA SIDPERS Version 1.15.16.00 SVD  
RCA.IMS.U.SVD.SIDPERS-1-15-16-00.R1C0

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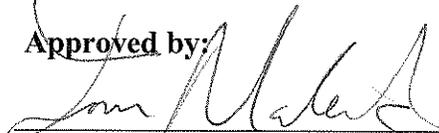
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## 1 INTRODUCTION

This System Version Description (SVD) document has been prepared to guide and track the installation of version 1.15.16.00 of the Standard Installation/Division Personnel System (SIDPERS).

This document is organized as follows:

- **Section 1 – Introduction** gives an overview of the system and the document, identifies the release, lists the documents referenced in preparing this document, and provides the points of contact.
- **Section 2 – Version Description** lists the material and software released, explains the changes, and describes any known problems.
- **Section 3 – Installation Instructions** provides detailed steps for installing the release.
- **Section 4 – Recovery Plan** provides methods to recover from disruption to the installation of the SIDPERS application.
- **Appendix A – Acronyms and Definitions** defines the acronyms and definitions used in this document.

### 1.1 SCOPE

This SVD applies to SIDPERS version 1.15.16.00.

### 1.2 SYSTEM OVERVIEW

SIDPERS is a multi-command management information system that operates at the Field Operating Level (FOL). SIDPERS capabilities include: editing, updating, providing reports, providing queries from the database, and creating interface transactions for the Headquarters Operating Level (HOL) at the National Guard Bureau (NGB), the Military Pay Branch (MPB) at the State level, and the Retirement Points Accounting Management (RPAM) module of Reserve Component Automation Systems (RCAS). In addition, there are Utility Programs, which assist with SIDPERS functions. SIDPERS supports strength accounting, personnel management, information retrieval, and external interfaces. Daily accessions data files are imported into the SIDPERS database via Twin-Engines E-Trans Manager.

### 1.3 REFERENCED DOCUMENTS

There were no documents referenced in preparing this SVD.

### 1.4 POINTS OF CONTACT

The Army National Guard Information Systems Division Software Engineering Branch (ARNG-IMS-E) technical Points of Contact (POCs) for this release are as follows:

- Mr. Harold Perry, DSN 327-9979 or PSN 703-607-9969, [1onald.e.perry2.civ@mail.mil](mailto:1onald.e.perry2.civ@mail.mil)
- Ms. Cliftina Baucum, DSN 327-7669 or PSN 703-607-7669, [cliftina.baucum.civ@mail.mil](mailto:cliftina.baucum.civ@mail.mil)

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RCA.IMS.U.SVD.SIDPERS-1-15-16-00.R1C0

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- CW2 Eduardo Macaraeg, DSN 327-7189 or PSN 703-607-7189, [2onald2.g.macaraeg.mil@mail.mil](mailto:2onald2.g.macaraeg.mil@mail.mil).
- Mr. Don Lively, PSN 304-932-7263, [2onald.w.lively.ctr@mail.mil](mailto:2onald.w.lively.ctr@mail.mil).

## 2 VERSION DESCRIPTION

SIDPERS version 1.15.16.00 will provide the following functionality

- In order to be consistent with the Army's data standards, the PERS\_FED\_AWARDS\_CODE\_TBL table in SIDPERS was updated so that the codes in SIDPERS for Federal Awards match with the Army TESS values.
- In order to support routine updates to the State Awards and Decorations categories, the PERS\_ST\_AWARDS\_CODE\_TBL table in SIDPERS was updated so that new award categories can be added and existing information can be modified.
- In order to support routine updates to the State Awards and Decorations categories, the PERS\_AWARDS\_TBL table in SIDPERS was updated so that the historical award categories in the Service member's record are correctly converted to the appropriate new award categories.
- In order to prevent a Soldier's benefits from being adversely affected by incorrect dates entered on the RADT transaction, SIDPERS will display a notification to inform users that the Transaction Effective Date should be one day after DATE-END-DUTY-DEERS-ELIG which should be equal to the ending date of the active duty period.
- In order to prevent the invalid Reserve Category code of "T" from being generated affecting a Soldier's benefits, SIDPERS will generate a Reserve Category code of "S" instead of "T" for Soldiers being assigned to a UIC starting with "7" or "8" in the DPOS and TRF transactions.

### 2.1 INVENTORY OF MATERIAL RELEASED

The materials being released are *sid11516.tar.gz*, the SIDPERS 1.15.16.00 System Integration Test Report, and this document, the SIDPERS 1.15.16.00 SVD.

### 2.2 INVENTORY OF SOFTWARE CONTENTS

The application files contained in SIDPERS version 1.15.16.00 are as follows:

/sidpers/						
sidpers_welcome.fmx	47644	Jan	17	2014	17:18	
persmenu.fmx	186300	Jan	13	2014	13:19	
siradt.fmx	353676	Jan	10	2014	17:53	
sitr.fmx	329336	Jan	6	2014	18:25	
sidpos.fmx	184912	Jan	6	2014	18:25	

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RCA SIDPERS Version 1.15.16.00 SVD  
RCA.IMS.U.SVD.SIDPERS-1-15-16-00.R1C0

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/sidpers/procedures/ LOADDPOS.sql	60321	Jan	6	2014	14:43
/sidpers/shl/ load_v11516.sh	1403	Jan	16	2013	17:17
/sidpers/sql/ Fed_Awards_codes.sql	46547	Dec	30	2013	12:58
State_Awards_codes.sql	71276	Dec	19	2013	18:19
update_state_awards.sql	2583	Jan	6	2014	15:38
/sidpers/sysadm/reports sidpers_code_tables.dmp	1514496	Jan	17	2014	15:58

## 2.3 CHANGES INSTALLED

The changes to SIDPERS version 1.15.16.00 are as follows:

- **Engineering Change Proposal (ECP) – ARNG\_SIDPERS\_815** – Federal Awards table Data update.
- **ECP – ARNG\_SIDPERS\_816** – Data update to State Awards table.
- **ECP – ARNG\_SIDPERS\_828** – RADT Validity check for dates.
- **ECP – ARNG\_SIDPERS\_831** – DPOS and TRF transactions creating Reserve Category of ‘T’.
- Change SIDPERS version from 1.15.15 to 1.15.16.00 on the *sidpers\_welcome* screen.

## 2.4 ADAPTATION DATA

Not applicable to this release.

## 2.5 POSSIBLE PROBLEMS AND KNOWN ERRORS

There are no unresolved System Problem Reports (SPRs) or known errors for this release.

## 3 INSTALLATION INSTRUCTIONS

Step-by-step instructions are provided for installing and executing SIDPERS version 1.15.16.00 on the application (Web) server.

### 3.1 PREPARING FOR INSTALLATION

Before installing SIDPERS version 1.15.16.00, perform standard backup of the Oracle Database and archive the current SIDPERS baseline.

To archive the current SIDPERS application:

1. Change to the SIDPERS\_HOME directory (*cd /sidpers*).
2. Type *find. -print | sort -o list*.

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RCA SIDPERS Version 1.15.16.00 SVD  
RCA.IMS.U.SVD.SIDPERS-1-15-16-00.R1C0

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3. Create and store a backup *sidpers.tar* file to a self-generated safe location (e.g. *bigdir*). Type `tar -cf /bigdir/sidpers.tar `cat list``. This location must NOT be in `SIDPERS_HOME` or any subdirectory thereof; the *sidpers.tar* file will be large; therefore the recipient directory must have adequate storage.

## 3.2 LOADING AND INSTALLING SIDPERS 1.15.16.00 ON THE APPLICATION SERVER

After logging into the Hewlett-Packard (HP) application (Web) server, load and install SIDPERS version 1.15.16.00 on the application (Web) server.

- Ensure that all SIDPERS users are logged out of the SIDPERS application.
- Copy the SIDPERS release, *sid11516.tar.gz*, into the `SIDPERS_HOME` directory (e.g., if `SIDPERS_HOME = /sidpers` you should copy the *sid11516.tar.gz* file to the */sidpers* directory).
- Type `gunzip sid11516.tar.gz` to uncompress the file.  
Type `tar -tvf sid11516.tar` to review the contents of the tar file prior to installing the application files. The contents of the tar file scrolls on the screen.
- Type `tar -xf sid11516.tar`. This will explode the tar and load the application files into the directory tree structure of SIDPERS as listed in Section 2.2.

## 3.3 RUNNING THE `LOAD_V11516.SH`

1. Change to the */sidpers/shl* directory on the application server (`cd /sidpers/shl`).
2. At the command prompt, type `load_v11516.sh`, then follow the on-screen prompts.

The `load_v11516.sh` will perform the following:

- Execute the sql scripts listed below:

Fed\_Awards\_codes.sql  
State\_Awards\_codes.sql  
update\_state\_awards.sql

- Compile/Recompile the following procedures into the database:

LOADDPOS.sql

3. The log file can be viewed in the */sidpers/shl* directory on the application server and can be deleted after review and confirmation of successful database changes.

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RCA SIDPERS Version 1.15.16.00 SVD  
RCA.IMS.U.SVD.SIDPERS-1-15-16-00.R1C0

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## 3.4 IMPORT DATA FILE FOR THE RCAS DATABASE

The *sidpers\_code\_tables.dmp* file provided should be used to import SIDPERS Reference Tables Data into the RCAS database. Continue to use the *sidpers\_code\_tables.dmp* file until the RCAS database is upgraded to incorporate the database changes that have been implemented in SIDPERS:

Use the *sidpers\_code\_tables.dmp* file that is located in the */sidpers/sysadm/reports* directory. Follow the *ftp* and load procedures that are provided in the RCAS documentation for importing of the *sidpers\_code\_tables.dmp* into RCAS database.

**Note:** Do not use the *code.sh* until RCAS database has been upgraded to reflect all database changes made to SIDPERS. These instructions apply to RCAS version 6.0 or higher.

## 4 RECOVERY PLAN

Information Technology (IT) and automated information systems are vital elements in business processes. These IT resources are essential to an organization's success and it is critical that the services provided by these systems are able to operate effectively without excessive interruption. Contingency planning supports this requirement by establishing thorough plans, procedures, and technical measures that enable the recovery of a system quickly and effectively following a service disruption.

This plan provides an overview of the steps necessary to protect this part of the business.

### 4.1 GOALS

The goal of this recovery plan is to provide methods to recover from disruption to the SIDPERS system.

This section reviews the steps to restore the SIDPERS system to the previous state.

### 4.2 RECOVERY INSTRUCTIONS

To recover the previous version of SIDPERS, these are the instructions to follow.

#### 4.2.1 SIDPERS Application

To restore the application from the backup created in Section 3

- Ensure that all SIDPERS users are logged out of the SIDPERS application.
- Copy the *sidpers.tar* file from the backup save location into the */sidpers* directory.
- Type *tar -xf sidpers.tar*. This explodes the tar and loads the application files from the backup into the directory tree structure of SIDPERS.

#### 4.2.2 Oracle Database

Restore the database from the Oracle backup created in Section 3.1.

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RCA SIDPERS Version 1.15.16.00 SVD  
RCA.IMS.U.SVD.SIDPERS-1-15-16-00.R0C0

## APPENDIX A ACRONYMS AND DEFINITIONS

The acronyms and their definitions used in this document are listed in the table below.

Acronym	Definition
AAS	Assisted Acquisition Services
ARNG-HRP	Army National Guard Personnel Division
ARNG-IMS	Army National Guard Information Systems
ARNG-IMS-E	Army National Guard Information Systems Division Software Engineering Branch
BMD	Business Management Division
COR	Contracting Officer's Representative
DECD	Deceased
DSCH	Discharge
DSN	Defense Switched Network
ECP	Engineering Change Proposal
FAS	Federal Acquisition Service
FEDSIM	Federal Systems Integration and Management Center
FOL	Field Operating Level
GSA	General Services Administration
HOL	Headquarters Operating Level
HP	Hewlett Packard
ING	Inactive National Guard
IT	Information Technology
LSDB	Local Supplemental DataBase
MPB	Military Pay Branch
NCOES	Non-Commissioned Officer Education System
NGB	National Guard Bureau
NPSG	Non Prior Service Gain
PD	Project Directorate

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RCA SIDPERS Version 1.15.16.00 SVD  
RCA.IMS.U.SVD.SIDPERS-1-15-16-00.R0C0

Acronym	Definition
POC	Point of Contact
PSG	Prior Service Gain
PSN	Public Switched Network
RCAS	Reserve Component Automation Systems
RPAM	Retirement Points Accounting Management
SEP	Separation
SFPA	Suspension of Favorable Personnel Action
SIDPERS	Standard Installation/Division Personnel System
SPR	System Problem Reports
SSD	Soldier Self Development
SVD	Software Version Description
TAPDB - G	Total Army Personnel DataBase - Guard
TO	Task Order
USA PEO EIS	United States Army Program Executive Office Enterprise Information Systems