EIDS Program Management

Interface Control Document  
Describing the Reservist Beneficiary Data Exchange from  
DMDC to EIDS  
Modification 2

Version



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ICD Describing the Reservist Beneficiary Data Exchange from DMDC to EIDS

Version

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Preface

This document is a deliverable for SRA International as a contractor to the Executive Information Decision Support (EIDS) Program Office under the Naval Sea Logistics Command (NSLC) contract GS35F4594G Delivery Order N6553804F0259 titled "Executive Information/Decision Support (EIDS) Program Office Integration Support Services." It describes the interface that provides reservist beneficiary data records from the Defense Manpower Data Center (DMDC) to the Military Health System (MHS) Data Repository (MDR).

This document is under EIDS project configuration control. Changes to this document will be made by document change notice (DCN) or by complete revision.

Questions on proposed changes concerning this plan should be addressed to:

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Abstract

The Executive Information/Decision Support (EIDS) Program Office is developing the Military Health System (MHS) Data Repository (MDR) as the core repository for MHS clinical, beneficiary population, enrollment, costing and workload data. MDR collects, catalogues and organizes data files from several systems. This document is the Interface Control Document (ICD) that specifies the reservist beneficiary data from the Defense Manpower Data Center (DMDC) to the MDR. Information and meta data regarding the data feed are detailed in this ICD.

**Keywords:** Decision Support, Executive Information, Defense Manpower Data Center, Interface Control Document, MHS Data Repository, DS, DMDC, EI, ICD, MDR

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| **BASELINE, CHANGE AND REVISION HISTORY PAGE** | | | |
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Contents

Preface vii

Abstract ix

Section 1: Introduction 1-1

1.1 Document Identification 1-1

1.2 Scope 1-1

1.3 System Overview 1-1

1.4 Reference Documents 1-2

1.5 Operational Agreement 1-2

Section 2: Data Specification 2-1

2.1 Identification of Data Exchanges 2-1

2.2 Precedence and Criticality of Requirements 2-1

2.3 Communications Methods 2-1

2.4 Performance Requirements 2-1

2.5 Security and Integrity 2-1

2.5.1 Data Integrity and Quality 2-2

Appendix A: Reservist Beneficiary Data A-1

A.1 File Format A-1

A.2 Record Layout A-1

A.3 File Operational Context A-1

Appendix B: Acronyms B-1

**Tables**

Table A‑1 Reservist Beneficiary Data Elements A-2

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# Introduction

## Document Identification

This document describes the interface that provides records of reservists beneficiaries to the Military Health System (MHS) Data Repository (MDR).

## Scope

This document describes the file parameters and record layouts for the reservists beneficiaries data that the EIDS Program Office receives from the Defense Manpower Data Center (DMDC). This data is used to identify reservists that are eligible for the Global War On Terror (GWOT) / National Defense Authorization Act (NDAA) 703 and 704 programs. NDAA 703 provides earlier eligibility for TRICARE benefits for members of reserve components. NDAA 704 provides an extension of transitional health care benefits to reservists under the Transitional Assistance Medical Program (TAMP).

## System Overview

This particular ICD describes the specific interface between DMDC and EIDS for reservist’s records.

The Defense Enrollment Eligibility Reporting System (DEERS) is the Department of Defense's (DoD) authoritative source for uniformed services personnel information and is managed by the DMDC, Monterey, California. It is used as a data source by the Military Health System (MHS) for military health care beneficiary information. Beneficiary population data is essential for the EIDS product line to provide informational services.

The EIDS currently receives ten extracts from DEERS. These are:

DEERS Point-In-Time Extract (PITE)

DEERS TRICARE Enrollment Extract (from the legacy DEERS Eligibility Database)

Separatee Extract

Special Operations Code (SOC) extract

Unit Identification Code (UIC) file

Full DEERS Extract

Health Manpower and Personnel Data (MPD) extract

Civilian Personnel Payroll File

Active Duty Personnel Payroll File

Reservists Beneficiary File

The MDR receives the data at the central host, an IBM RS/6000SP multi-node processor, through the Feed Nodes. The Feed Nodes send the files to the Tivoli Storage Manager (TSM). The TSM copies and stores the files for back-up purposes. The MDR screens the records for data management purposes.

## Reference Documents

EIDS Program Office, Action Memo from EIDS Program Office titled “Establishing the PITE ICD Between DMDC and EIDS Program Office”, Falls Church, VA, 7 March 2003.

EIDS Program Office, *CEIS Operational Requirements Document (ORD)*, Falls Church, VA, December 1997.

## Operational Agreement

This ICD provides the technical specification for an interface between DMDC and the EIDS Program Office regarding reservist beneficiary data requirements. The Action Memo that accompanies the baseline ICD and any modified ICD versions, when approved by EIDS and DMDC establishes the on-going operational agreement. It is the responsibility of the source system Program Office (i.e., DMDC) to notify EIDS of any potential or planned changes to data feed formats or contents as soon as these potential changes are known in order to minimize adverse impacts on EIDS receiving systems. When required, the ICD will be modified by the data receiver (i.e., EIDS Program Office), and a copy of the revised ICD will be sent to the data sender (i.e., DMDC).

Appendix A delineates the reservist beneficiary data file that EIDS receives from DMDC.

Should problems occur with the interface, EIDS data production support personnel will immediately contact DMDC operational personnel. Should there be systemic data problems recognized during MDR processing, EIDS members will coordinate with their counterparts in DMDC.

# Data Specification

## Identification of Data Exchanges

This ICD addresses the following data exchange from DMDC to EIDS:

* Reservist beneficiary records.

This ICD will be changed *only* if the interface changes from the interface specified herein.

## Precedence and Criticality of Requirements

Beneficiary data on military members that is reliable is necessary for the MHS to make knowledge-based decisions. MDR provides this information to MHS decision-makers. A minimum of monthly updates are required for effective performance of the business. An inability to obtain this data for a period of 2 months or greater could have adverse consequences to the business.

## Communications Methods

The EIDS Program Office will use CONNECT: DIRECT as the file transfer mechanism to transmit reservist beneficiary data records from DMDC to the EIDS’ MDR.

## Performance Requirements

There are no unique performance requirements for this data.

## Security and Integrity

The data exchanged in this interface does contain protected patient level identifiable information. The raw aggregate data is part of a database that contains sensitive data, and it will be protected in accordance with the C2-level protection standards mandated for all "Sensitive Unclassified Systems" by the requirements of DoD Directive 5200.28. These standards help ensure compliance with the following Federal laws:

Privacy Act of 1974

U.S. Code, Title 10, Section 1102, Medical Quality Assurance Records

U.S. Code, Title 10, Section 1030, Fraud and Related Activity in Connection with Computers

Computer Security Act of 1987

Health Insurance Portability and Accountability Act (HIPAA)

### Data Integrity and Quality

Validation checks such as record counts, file formats, source stamps, and date-time stamps will be performed on the data transferred from DMDC to EIDS as defined in the design documentation.

**Appendix A: Reservist Beneficiary Data**

**A.1 File Format**

The Reservist Beneficiary File is sent to EIDS from the Defense Manpower Data Center (DMDC). The file provides demographics records of reservists that are eligible for the Global War On Terror (GWOT) / National Defense Authorization Act (NDAA) 703 and 704 programs. NDAA 703 provides earlier eligibility data for TRICARE benefits for members of Reserve Components. NDAA 704 is the extension of transitional health care benefits for Transitional Assistance Medical Program (TAMP). The file also includes information on reservists that are mobilized.

**A.2 Record Layout**

Table A-1 describes the record layout of each reserve member that fits the NDAA 703 or 704 categories. The records are fixed length. The record key is the Sponsor Patient ID and Patient Birth Date.

**A.3 File Operational Context**

The reserve beneficiary files are full-table refreshes, and includes all reservist records.

Table A‑1 Reservist Beneficiary Data Elements

| Field Name  (logical name) | Field Length | Position | Data Type | Data Units | Value Range | Functional Description |
| --- | --- | --- | --- | --- | --- | --- |
| Sponsor Person Identifier | 9 | 1-9 | Character | N/A | None | The sponsor’s social security number (SSN), or other identifier. |
| Sponsor Person Identifier Type Code | 1 | 10 | Character | N/A | D, F, N, P, R, S, T, X | The code represents the type of sponsor person identifier.  D Special 9-digit code created for individuals (i.e. babies) who do not have or have not provided an SSN when the record is added to DEERS  F Special 9-digit created for foreign military and nationals. Known as a Foreign Identifier Number (FIN)  N 9-digit code that looks like a SSN, but is not in a valid SSN range  P Special 9-digit code created for U.S. military personnel before switch to SSNs  R Special 9-digit code created for a DoD contractor who refused to give his or her SSN to RAPIDS  S SSN  T Test  X Invalid identifier used until a Secondary Person Identifier can be generated |
| Sponsor Duplicate Identifier | 1 | 11 | Character | N/A | 1, 2, 3, 4, 5, 6, 7, 8, 9 | The code that represents whether this is the first, second, third (and so on) occurrence of this sponsor person identifier in DEERS. |
| DoD EDI PN ID | 10 | 12-21 | Character | N/A | None | The identifier that is used to represent a person (PN) within a Department of Defense (DoD) Electronic Data Interchange (EDI). This is a unique identifier for a person. |
| Personnel Category Code | 1 | 22 | Character | N/A | A, B, C, D, E, F, H, I, J, L, M, N, O, Q, R, T, U, V | The code that represents how the DoD personnel and/or finance center views the sponsor based on accountability and reporting strengths. (This attribute is similar to member category code.)  A Active Duty  B Presidential Appointee  C DoD Civil Service  D Disabled American Veteran  E DoD Contractor  F Former Member  H Medal of Honor  I Other Government Agency Employee  J Academy Student  L Lighthouse service  M Non-government agency personnel  N National Guard  O Other Government Agency Contractor  Q Reserve Retiree  R Retired  T Foreign Military  U Foreign National Employee  V Reserve |
| Person Organization Code | 2 | 23-24 | Character | N/A | 11, 12, 13, 14, 15, 16, 17, 21, 22, 23, 24, 25, 26, 27, 31, 32, 33, 35, 41, 42, 43, 44, 45, 46, 51, 52, 61, 62, 63, 80 | The code that represents the organization that "owns" the DEERS population to which the sponsor belongs.  11 Army MILPERCEN  12 Air Force MILPERCEN  13 Navy MILPERCEN  14 Marine Corps MILPERCEN  15 Coast Guard MILPERCEN  16 Public Health PERCEN  17 NOAA PERCEN  21 Army Retired Finance Center  22 Air Force Retired Finance Center  23 Navy Retried Finance Center  24 Marine Corps Finance Center  25 Coast Guard Retired Finance Center  26 Public Health Finance Center  27 NOAA Finance Center  31 Army Academy  32 Air Force Academy  33 Navy Academy  35 Coast Guard Academy  41 Army Reserve  42 Air Force Reserve  43 Navy Reserve  44 Marine Corps Reserve  45 Coast Guard Reserve  46 Public Health Reserve  51 Army Guard  52 Air Force Guard  61 CHAMPVA |
| Person Organization Code (cont) |  |  |  |  |  | 62 Civil Service  63 Defense Contract Management Activity  80 DEERS population |
| Personnel Segment ID | 3 | 25-27 | Character | N/A | None | The particular segment for the timeframe that reserve service was conducted (i.e., a reservist may serve on several occasions during a career). |
| Personnel Entitlement Condition Type Code | 2 | 28-29 | Character | N/A | 01 - 38 | The code that represents the type of condition that occurred while a sponsor was in a personnel category and organization that affected the entitlements of the sponsor and/or the sponsor’s dependents. Code values are defined in the *MDR Data Dictionary*. |
| Personnel Entitlement Condition Segment ID | 3 | 30-32 | Character | N/A | None | The segment identifier of a condition that occurred while a sponsor was in a personnel category and organization that affected the entitlements of the sponsor and/or the sponsor’s dependents. |
| Personnel Entitlement Condition Begin Date | 8 | 33-40 | Date | N/A | None | The begin date of a condition that occurred while a sponsor was in a personnel category and organization that affected the entitlements of the sponsor and/or the sponsor’s dependents. NOTE: If the condition represents an event, then the date of that event is stored in the personnel entitlement condition begin date. The personnel entitlement condition end date will be blank. Format: YYYYMMDD. |
| Personnel Entitlement Condition End Date | 8 | 41-48 | Date | N/A | None | The end date of a condition that occurred while a sponsor was in a personnel category and organization that affected the entitlements of the sponsor and/or the sponsor’s dependents. NOTE: If the condition represents an event, then the date of that event is stored in the personnel entitlement condition begin date. The personnel entitlement condition end date will be blank. Format: YYYYMMDD. |
| Special Operation Code | 2 | 49-50 | Character | N/A | 01-10, 98, 99 | The identifier that represents the special operation.  01 Operation Desert Shield/Storm  02 Los Angeles Riots  03 Haiti  04 Somalia  05 Bosnia  06 Kosovo  07 Operation Southern Watch  08 Operation Noble Eagle  09 Operation Enduring Freedom  10 Operation Iraqi Freedom  98 Not a Special Operation  99 Other |
| Person Birth Date | 8 | 51-58 | Date | N/A | None | The date when a human being was born. Format: YYYYMMDD. |
| Person Sex Code | 1 | 59 | Character | N/A | F, M, Z | The code that represents a classification of a person according to reproductive functions.  F Female  M Male  Z Unknown |
| Update Code | 1 | 60 | Character | N/A | A, D, U | The record update or status code. Coded as follows:  A Add  D Delete  U Update |

**Appendix B: Acronyms**

|  |  |
| --- | --- |
| **CCB** | Configuration Control Board |
| **CHAMPVA** | Civilian Health and Medical Program of the Department of Veterans Affairs |
| **DCN** | Document Change Notice |
| **DEERS** | Defense Enrollment Eligibility Reporting System |
| **DMDC** | Defense Manpower Data Center |
| **DoD** | Department of Defense |
| **EDI** | Electronic Data Interchange |
| **EIDS** | Executive Information/Decision Support |
| **FIN** | Foreign Identifier Number |
| **GWOT** | Global War On Terror |
| **HIPAA** | Health Insurance Portability and Accountability Act |
| **ICD** | Interface Control Document |
| **MDR** | MHS Data Repository |
| **MHS** | Military Health System |
| **MILPERCEN** | Military Personnel Center |
| **MPD** | Manpower and Personnel Data |
| **NDAA** | National Defense Authorization Act |
| **NOAA** | National Oceanographic and Atmospheric Administration |
| **NSLC** | Naval Sea Logistics Command |
| **ORD** | Operational Requirements Document |
| **PITE** | Point In Time Extract |
| **SOC** | Special Operations Code |
| **SSN** | Social Security Number |
| **TAMP** | Transitional Assistance Medical Program |
| **TSM** | Tivoli Storage Manager |
| **UIC** | Unit Identification Code |