**22 May 2007**

Reservist File

for the

MHS Data Repository (MDR)

(Version 1.00.00)Current Specification

**Revision History**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Version** | **Date** | **Para/Tbl/Fig** | **Originator** | **Description of Change** |
| 1.00.00 | 05/22/2007 | * Entire document | L. Cottrell | * Initial versioning. |

**Reservist File**

1. Source

Data capture system: DEERS Oracle Database

1. Transmission (Format and Frequency)

A monthly file refresh is sent by DEERS. The layout of the data feed is described in Interface Control Document ICD-1300-7015-01.

1. Organization and batching

The MDR Reservist file contains a cumulative history of activations for the Global War on Terrorism (GWOT) for both Guard and Reserve members.

1. Receiving Filters

Only records with personnel entitlement begin date after 9/10/2001 and only entitlements associated with a special operation.

1. Field Transformations and Deletions for MDR Core Database

Records with missing Personnel Entitlement Condition Begin Date or Personnel Entitlement Condition End Date are removed. Records where the begin date is later than the end date are removed.

The update process involves implementing de-duplication logic, as well as minimal field derivations. The algorithm used to de-duplicate the Reservist file is described in Appendix A. Field derivations are described in the file layout table.

1. File layout and content

Table 1 reflects the fields stored in the MDR Reservist File. The MDR Reservist file is stored as SAS dataset format.

**TABLE 1: MDR RESERVIST FILE**

| V**ariable Name** | **Source Data Element** | **Format** | **SAS Name** | **Comment/Derivation** |
| --- | --- | --- | --- | --- |
| Sponsor Social Security Number | SPN\_PN\_ID | $9 | SPONSSN | No transformation |
| Type of Identifier | SPN\_PN\_ID\_TYP\_CD | $1 | ID\_TYPE | No transformation. |
| Sponsor Duplicate Identifier | SPN\_DUP\_ID | $1 | DUP\_ID | No transformation. |
| DEERS Person ID | DOD\_EDI\_PN\_ID | $10 | EDI\_PN | No transformation |
| Personnel Category Code | PNL\_CAT\_CD | $1 | PNLCAT | No transformation. |
| Personnel Organization Code | PNL\_ORG\_CD | $2 | PNLORG | No transformation. |
| Personnel Segment ID | PNL\_SEG\_ID | $3 | PNL\_SEG | No transformation. |
| Personnel Entitlement Condition Type Code | PNLEC\_TYP\_CD | $2 | PEC | No transformation. |
| Personnel Entitlement Condition Segment ID Code | PNLEC\_SEG\_ID | $3 | PNLECSEG | No transformation. |
| Personnel Entitlement Condition Begin Date | PNLEC\_BGN\_DT | SAS DATE | BEGDATE | No transformation. |
| Personnel Entitlement Condition End Date | PNLEC\_END\_DT | SAS DATE | ENDDATE | No transformation. |
| Reservist Special Operation Code | SPCL\_OPER\_CD | $2 | SOC | No transformation. |
| Person Date of Birth | PN\_BRTH\_DT | SAS DATE | DOB | No transformation. |
| Person Sex Code | PN\_SEX\_CD | $1 | GENDER | No transformation. |
| Update Code | UPD\_CD | $1 | UPDT\_CD | No transformation. |
| Sponsor Service | Derived Sponsor Service | $1 | SVC | Derived from Personnel Organization Code. If ‘41’ or ‘51’ then assign A  Else if ‘42’ or ‘52’ then assign F  Else if ‘43’ then assign N  Else if ‘44’ then assign M  Else assign O |
| Reservist Status Code | Derived Reservist Status Code | $1 | STATUS | Derived from Personnel Entitlement Condition Type Code. If ‘01’ then assign status=’M’  Else if ‘33’ then assign status=’A’  Else if ‘39’ then assign status=’T’  Else if ’40’ then assign status=’I’  Else if ’41’ then assign status=’L’  Else assign status=’O’ or ‘E’ |

1. Refresh Frequency

Data are refreshed monthly by replacement of the entire file.

1. Special Outputs

* MHS Mart (M2): see M2 Reservist Table specification.

**APPENDIX A: Deduplication Process for Reservist Table**

DEERS provides a monthly file containing the cumulative history for all sponsors activated since September 11, 2001. Below describes deduplication process:

* Remove duplicate records with same Sponsor SSN, Personnel Entitlement Condition Begin Date, Personnel Entitlement Condition End Date, Personnel Segment ID and Personnel Entitlement Condition Type Code.
* Sort remaining data set by Sponsor SSN, Personnel Entitlement Condition Begin Date, Personnel Entitlement Condition End Date, Personnel Segment ID and Personnel Entitlement Condition Type Code and keeping latest Personnel Entitlement Condition Type Code.
* Sort remaining data set by Sponsor SSN, Personnel Entitlement Condition Begin Date, Personnel Entitlement Condition End Date and Personnel Entitlement Condition Type Code and keeping latest Personnel Entitlement Condition End Date.