

# **Enrollment System Modernization (ESM) Phase 3**

## **Veterans Health Information Systems and Technology Architecture (VistA) Registration, Eligibility & Enrollment (REE)**

**DG\_53\_P1018.KID  
Registration (DG) – DG\*5.3\*1018**

### **Release Notes**



**April 2021**

**Department of Veterans Affairs**

**Office of Information and Technology (OIT)**

## Table of Contents

<b>1</b>	<b>Introduction .....</b>	<b>1</b>
<b>2</b>	<b>Purpose.....</b>	<b>1</b>
<b>3</b>	<b>Audience.....</b>	<b>1</b>
<b>4</b>	<b>This Release .....</b>	<b>1</b>
<b>4.1</b>	<b>New Features and Functions Added .....</b>	<b>1</b>
<b>4.2</b>	<b>Enhancements and Modifications.....</b>	<b>1</b>
<b>4.3</b>	<b>Known Issues .....</b>	<b>7</b>
<b>5</b>	<b>Product Documentation .....</b>	<b>7</b>

## List of Figures

Figure 1: Environmental Factors - BWN.....	4
Figure 2: Group [1] - B BLUE WATER NAVY .....	5

## List of Tables

Table 1: DG_53_P1018.KID (DG*5.3*1018) Enhancements and Modifications.....	1
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# 1 Introduction

The release of Veterans Health Information System and Technology Architecture (VistA) Registration, Eligibility & Enrollment (REE) Host File DG\_53\_P1018.KID, which includes Registration (DG) patch DG\*5.3\*1018, supports the enhancements for the Enterprise Health Benefits Determination (EHBD) program. This patch focuses on updates for the Enrollment System Modernization (ESM) Phase 3 project, which supports Enrollment System Community Care (ESCC) and Enrollment System (ES) Sustainment.

## 2 Purpose

The Release Notes cover the changes to VistA REE for this release.

## 3 Audience

This document targets users and administrators of VistA REE and applies to the changes made between this release and any previous release for this software.

## 4 This Release

This build is distributed as a Host File. Refer to the Software and Documentation Retrieval Instructions section of the patch description for information on obtaining the Host File DG\_53\_P1018.KID and related documentation.

The following sections provide a summary of the enhancements and modifications to the existing software for VistA REE with the release of patch DG\*5.3\*1018.

### 4.1 New Features and Functions Added

There are no new features or functions added to VistA REE for DG\*5.3\*1018.

### 4.2 Enhancements and Modifications

VistA currently allows Agent Orange (AO) exposure information to be associated to a Veteran during registration. Patch DG\*5.3\*1018 adds a new AO Exposure Location for Blue Water Navy Veterans. VistA assigns Veterans to Priority Group 6 when the AO Indicator is YES and the AO Exposure Location is "B". VistA continuous enrollment rules for the AO Exposure Location of VIETNAM are updated to include the AO Exposure Location of "B". VistA and ES share the new AO Exposure Location of BLUE WATER NAVY in existing Health Level 7 (HL7) messages.

Table 1 shows the enhancements and modifications included in the DG\_53\_P1018.KID release as tracked in Atlassian Jira.

**Table 1: DG\_53\_P1018.KID (DG\*5.3\*1018) Enhancements and Modifications**

Jira Epic #	Summary
VES-9466	Blue Water Navy Verification - Complete Development (VistA)

## List of Updates

DG\*5.3\*1018 makes the following enhancements to VistA REE:

1. A new value of B for BLUE WATER NAVY is added to the AGENT ORANGE EXPOSURE LOCATION (#.3213) field in the PATIENT (#2) file.

DATA ELEMENT	NAME TITLE	GLOBAL LOCATION	DATA TYPE
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2, .3213      AGENT ORANGE EXPOSURE LOCATION .321;13 SET (REQUIRED)

AGENT ORANGE EXPOSURE LOCATION

'B' FOR BLUE WATER NAVY;  
'K' FOR KOREAN DMZ;  
'V' FOR VIETNAM;  
'O' FOR OTHER;

2. A new value of B for BLUE WATER NAVY is added to the AGENT ORANGE EXPOSURE LOCATION (#50.22) field in the PATIENT ENROLLMENT (#27.11) file.

DATA ELEMENT	NAME TITLE	GLOBAL LOCATION	DATA TYPE
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-----

27.11,50.22      AGENT ORANGE EXPOSURE LOCATION E;22 SET

'B' FOR BLUE WATER NAVY;  
'K' FOR KOREAN DMZ;  
'V' FOR VIETNAM;  
'O' FOR OTHER;

3. BWN ACTIVE DATE (#1402) field is added to the MAS PARAMETERS (#43) file. The field is used to ensure users cannot add BLUE WATER NAVY as an AO Exposure Location before that date. The field is populated during the installation of the patch by a post-install routine to a value of 05/10/2021 and cannot be modified by the user.

DATA ELEMENT	NAME TITLE	GLOBAL LOCATION	DATA TYPE
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-----

43,1402      BWN ACTIVE DATE      BWN;1 DATE

INPUT TRANSFORM: S %DT="EX" D ^%DT S X=Y K:Y<1 X  
LAST EDITED: DEC 07, 2020  
HELP-PROMPT: ENTER THE DATE ON WHICH "BLUE WATER  
NAVY" IS A VALID AGENT ORANGE EXPOSURE  
LOCATION AND CAN BE ENTERED BY THE  
USER.

DESCRIPTION: THE DATE ON WHICH "BLUE WATER NAVY" IS A VALID AGENT ORANGE EXPOSURE LOCATION AND CAN BE ENTERED BY THE USER.

UNEDITABLE

4. The Description of the AGENT ORANGE EXPOS. INDICATED? (.32102) field in the PATIENT (#2) file is updated.

DATA ELEMENT	NAME TITLE	GLOBAL LOCATION	DATA TYPE
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2, .32102      AGENT ORANGE EXPOS. INDICATED? .321;2 SET (REQUIRED)

EXPOSED TO AGENT ORANGE

'Y' FOR YES;

'N' FOR NO;

'U' FOR UNKNOWN;

INPUT TRANSFORM: S DFN=DA D SV^DGLOCK

LAST EDITED: DEC 09, 2020

HELP-PROMPT: ENTER 'Y' IF THIS PATIENT CLAIMS EXPOSURE TO AGENT ORANGE, 'N' IF NOT, 'U' IF UNKNOWN

DESCRIPTION: FOR THIS VETERAN APPLICANT ENTER 'Y' IF S/HE WAS EXPOSED TO THE CHEMICAL AGENT ORANGE, 'N' IF NOT, OR 'U' IF UNKNOWN.

EXPOSURE CAN BE CLAIMED BY THOSE SERVING IN THE KOREAN DMZ BETWEEN JANUARY 1, 1968 AND DECEMBER 31, 1969; OR SERVED IN COUNTRY IN VIETNAM OR THE OFFSHORE WATERS OF VIETNAM DURING JAN 9, 1962 TO MAY 7, 1975.

WHEN CONSISTENCY CHECK # 25 IS ACTIVE (AGENT ORANGE EXPOSURE INDICATED WITHOUT VIETNAM ERA PERIOD OF SERVICE), EXPOSURE CANNOT BE CLAIMED UNLESS THE PERIOD OF SERVICE (#.323) FIELD IN THE PATIENT (#2) FILE IS ANSWERED VIETNAM ERA, WHICH ENTAILS THOSE SERVING IN THE KOREAN DMZ BETWEEN JANUARY 1, 1968 AND DECEMBER 31, 1969 OR SERVED IN COUNTRY IN

VIETNAM OR THE OFFSHORE WATERS OF VIETNAM DURING JAN 9, 1962 TO MAY 7, 1975.

ONCE THE SERVICE RECORD HAS BEEN VERIFIED ONLY USERS WHO HOLD THE DESIGNATED SECURITY KEY MAY ENTER/EDIT THIS FIELD.

5. On the ENVIRONMENTAL FACTORS screen, "(BWN)" displays when BLUE WATER NAVY is the Agent Orange Exposure Location of the Veteran.

```
DGPATIENT, ONE   XXX XX, XXXX
XXX-XX-XXXX    NSC VETERAN
=====
                **** ENVIRONMENTAL FACTORS ****

[1]   A/O EXP.: YES (BWN)  REG: 12/14/2020   EXAM: 12/14/2020  A/O#:
[2]   ION RAD.:           REG:                METHOD:
[3]  SW ASIA COND:       REG:                EXAM:
[4]   N/T RADIUM:
<5>  CAMP LEJEUNE:

SELECT AN ENVIRONMENTAL FACTOR (1-4) OR (Q)UIT: QUIT//
```

**Figure 1: Environmental Factors - BWN**

- On the ENVIRONMENTAL FACTORS screen, in Group [1], the AGENT ORANGE EXPOSURE LOCATION: prompt accepts "B" for BLUE WATER NAVY as a valid entry ONLY on or after the date value in the BWN ACTIVE DATE (#1402) field in the MAS PARAMETERS (#43) file.

```

DGPATIENT, ONE   XXX XX, XXXX
XXX-XX-XXXX     NSC VETERAN
=====
                **** ENVIRONMENTAL FACTORS ****

[1]   A/O EXP. : YES (BWN)  REG: 12/14/2020   EXAM: 12/14/2020  A/O#:
[2]   ION RAD.  :           REG:                METHOD:
[3]   SW ASIA COND:        REG:                EXAM:
[4]   N/T RADIUM:
<5>  CAMP LEJEUNE:

SELECT AN ENVIRONMENTAL FACTOR (1-4) OR (Q)UIT: QUIT// 1  A/O EXP
AGENT ORANGE EXPOS. INDICATED?: YES//
AGENT ORANGE EXPOSURE LOCATION: BLUE WATER NAVY// ?
  ENTER WHERE THE PATIENT WAS EXPOSED TO AGENT ORANGE.
  AVAILABLE LOCATIONS ARE SHOWN.
  CHOOSE FROM:
    B      BLUE WATER NAVY
    K      KOREAN DMZ
    V      VIETNAM
    O      OTHER

AGENT ORANGE EXPOSURE LOCATION: BLUE WATER NAVY//

```

**Figure 2: Group [1] - B BLUE WATER NAVY**

- On the ENVIRONMENTAL FACTORS screen, when a user enters "?" or "???" at the AGENT ORANGE EXPOSURE LOCATION: prompt, "B BLUE WATER NAVY" displays in the list of locations ONLY on or after the date value in the BWN ACTIVE DATE (#1402) field in the MAS PARAMETERS (#43) file.
- When the Veteran's current enrollment record meets the following criteria, VistA assigns Priority Group 6 to the Veteran unless entitled to care at a higher level due to other eligibilities: AGENT ORANGE EXPOS. INDICATED? (#.32102) field in the PATIENT (#2) file is YES, AND the AGENT ORANGE EXPOSURE LOCATION (#.3213) field in the PATIENT (#2) file is "V" or "B", AND the AO STA EXP DATE (#1301) field in the MAS PARAMETERS (#43) file is NULL OR today's date is before the date in the AO STA EXP DATE (#1301) field in the MAS PARAMETERS (#43) file.
- The continuous enrollment rule related to Agent Orange for Vietnam is updated. The Veteran shall be continuously enrolled if the AGENT ORANGE EXPOS. INDICATED? (#.32102) field of the PATIENT (#2) file is Yes, AND the AGENT ORANGE EXPOSURE LOCATION (#.3213) of the PATIENT (#2) file is VIETNAM or BLUE WATER NAVY, and the AO STA EXP DATE (#1301) field in the MAS PARAMETERS (#43) file is not null, and the Veteran's Enrollment Date is prior to the date in the AO STA EXP DATE (#1301) field in the MAS PARAMETERS (#43) file. Note: The AO STA EXP DATE (#1301) field in the MAS PARAMETERS (#43) file is expected to be null – a Veteran with Agent Orange Exposure Location of Vietnam or Blue Water Navy is NOT continuously enrolled.

10. HL7 ORU/ORF Z07 processing is updated to populate ZEL segment AGENT ORANGE EXPOSURE LOCATION (Sequence Number 29) with value of "B" for BLUE WATER NAVY if the PATIENT (#2) file AGENT ORANGE EXPOSURE LOCATION (#.3213) field has a value "B" for BLUE WATER NAVY.
11. HL7 ORU/ORF Z11 processing is updated to no longer set the VistA AGENT ORANGE EXPOSURE LOCATION (#.3213) field in the PATIENT (#2) file to "V" when the VistA AO Exposure Location is Blank, and ES sends Exposed to Agent Orange = Y and no AO Exposure Location.
12. The Eligibility Upload Changes screen accessed from AU View Upload Audit action protocol within the Patient Enrollment [DGEN PATIENT ENROLLMENT] option displays BLUE WATER NAVY after the "A/O Exp Loc:" label when the selected ORU/ORF Z11 message from ES contains the AO Exposure Location of "B".
13. The supported VADPT API is updated to return the correct external codes from the AGENT ORANGE EXPOSURE LOCATION (#.3213) field of the PATIENT (#2) file in the Agent Orange Exposure Location node in the VASV array, VASV(2,5). This array is created by the SVC component of the VADPT API (SVC^VADPT). The supporting Integration Control Registration for this API is 10061.

INTEGRATION REFERENCE INQUIRY #10061      JAN 21, 2021@12:08      PAGE 1

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10061      NAME: VADPT  
 CUSTODIAL PACKAGE: REGISTRATION      ALBANY  
 SUBSCRIBING PACKAGE:  
     USAGE: SUPPORTED      ENTERED: MAR 7,1994  
     STATUS: ACTIVE      EXPIRES:  
     DURATION:      VERSION:  
     DESCRIPTION:      TYPE: ROUTINE  
VADPT IS A UTILITY ROUTINE DESIGNED TO PROVIDE A CENTRAL POINT WHERE A PROGRAMMER CAN OBTAIN INFORMATION CONCERNING A PATIENT'S RECORD. SUPPORTED ENTRY POINTS ARE PROVIDED WHICH WILL RETURN DEMOGRAPHICS, INPATIENT STATUS, ELIGIBILITY INFORMATION, ETC.  
  
ACCESS TO PATIENT INFORMATION IS NOT LIMITED TO USING THE SUPPORTED ENTRY POINTS IN VADPT. INTEGRATION AGREEMENTS CAN BE ESTABLISHED THROUGH THE DBA BETWEEN REGISTRATION AND OTHER PACKAGES TO REFERENCE INFORMATION.  
  
THIS INTEGRATION AGREEMENT DOES NOT DOCUMENT THE INPUT AND OUTPUT VARIABLES FOR ANY OF THE COMPONENTS OF VADPT. THAT DOCUMENTATION IS LOCATED IN THE PIMS TECHNICAL MANUAL, SECTION 12.2 CALLABLE ENTRY POINTS IN VADPT.  
  
 ROUTINE: VADPT  
  
 COMPONENT: SVC  
     RETURNS SERVICE-RELATED INFORMATION FOR A PATIENT.



## 4.3 Known Issues

No known or open issues were identified in this release.

## 5 Product Documentation

The following documents apply to this release:

<u>Title</u>	<u>File Name</u>
DG_53_P1018.KID Release Notes	DG_5_3_P1018_RN.PDF
User Manual Version 5.3 - Registration Menu	ADT_PIMS_REG_UM.PDF
PIMS Version 5.3 Technical Manual	ADT_PIMS_TM.PDF
PIMS Version 5.3 User Manual - ADT Module	ADTBE_UM.PDF

Refer to the Software and Documentation Retrieval Instructions section of the patch description for information on obtaining the Host File DG\_53\_P1018.KID and related documentation.

Documentation can also be found on the VA Software Documentation Library (VDL) at:

<http://www.va.gov/vdl/>.