

# **Enrollment System Modernization (ESM) Phase 2**

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

**DG\_53\_P996.KID  
Registration (DG) – DG\*5.3\*996  
Income Verification Match (IVM) – IVM\*2.0\*190**

### **Release Notes**



**May 2020**

**Department of Veterans Affairs**

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

## Revision History

Date	Version	Description	Author
04/23/2020	DG_53_P996.KID	Updated to remove references to FTP sites	REDACTED
03/16/2020	DG_53_P996.KID	Removed version number from Host File name throughout for HPS documentation review; updated document date to May to reflect national release date	REDACTED
03/04/2020	DG_53_P996_V10.KID	Initial publication	REDACTED

## 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>Defects and Fixes</b> .....	<b>3</b>
<b>4.4</b>	<b>Known Issues</b> .....	<b>6</b>
<b>5</b>	<b>Product Documentation</b> .....	<b>6</b>

## List of Figures

Figure 1: Grant Hardship Display Prompt.....	3
Figure 2: NEAR Tracking Report.....	4

## List of Tables

Table 1: DG_53_P996.KID (DG*5.3*996 and IVM*2.0*190) Enhancements and Modifications..	2
Table 2: Defects and Fixes in DG_53_P996.KID.....	3
Table 2: VADEMO Array Definition Table.....	5

# 1 Introduction

The release of Veterans Health Information System and Technology Architecture (VistA) Registration, Eligibility & Enrollment (REE) Host File DG\_53\_P996.KID, which includes Registration (DG) patch DG\*5.3\*996 and Income Verification Match (IVM) patch IVM\*2.0\*190, supports the enhancements for the Enterprise Health Benefits Determination (EHBD) program that focuses on updates for the Enrollment System Modernization (ESM) Phase 2 project, which supports Enrollment System Community Care (ESCC) and Enrollment System (ES) Sustainment.

## 2 Purpose

The Release Notes cover the changes to VistA REE DG and IVM systems 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 multi-package build is distributed as a Host File. Refer to the Software and Documentation Retrieval Instructions section of the patch descriptions for information on obtaining the Host File DG\_53\_P996.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 patches DG\*5.3\*996 and IVM\*2.0\*190.

### 4.1 New Features and Functions Added

There are no new features or functions added to VistA REE for DG\*5.3\*996 and IVM\*2.0\*190.

### 4.2 Enhancements and Modifications

#### DG\*5.3\*996

Patch DG\*5.3\*996 removes the Hardship Review Date prompt from the Hardships [DGMTH HARSHIPS] option. The date is automatically set to be December 31 of the current calendar year.

This patch, DG\*5.3\*996, modifies the user display to present a message when (1) the Edit Hardship [DGMTH EDIT HARSHIPS] or Delete Hardship [DGMTH DELETE HARSHIPS] protocols are invoked AND (2) the site granting the hardship is 200ESR. The following message is displayed:

A Hardship has been granted for <patient name>.  
Only the site granting the Hardship may edit it.  
Please, contact ENROLLMENT SYSTEM REDESIGN to edit the record.

Patch DG\*5.3\*996 updates the HARSHIP REVIEW DATE (#.21) field of the ANNUAL MEANS TEST (#408.31) file to be UNEDITABLE.

Patch DG\*5.3\*996 modifies the APPOINTMENT REQUEST ON 1010EZ field (#1010.159) of the PATIENT file (#2). The cross-reference trigger which updates the ORIGINAL APPOINTMENT REQUEST field (#1010.1512) of the PATIENT file (#2) will only set that field when the value of the APPOINTMENT REQUEST ON 1010EZ field (#1010.159) of the PATIENT file (#2) is 1. The help text associated with the trigger is updated to describe the behavior.

Patch DG\*5.3\*996 modifies the APPOINTMENT REQUEST DATE field (#1010.1511) of the PATIENT file (#2). The cross-reference trigger which updates the ORIGINAL APPT REQUEST DATE field (#1010.1513) of the PATIENT file (#2) will only set that field when the value of the APPOINTMENT REQUEST ON 1010EZ field (#1010.159) of the PATIENT file (#2) is 1. The help text associated with the trigger is updated to describe the behavior.

This patch introduces a new registration Application Programmer Interface (API), DEM^VADPT. Upon installation of this patch, the API will be available to downstream applications via Integration Control Registration (ICR) 7109. ICR 7109 is in addition to existing ICR 10061. The new API will return the basic demographic data with the addition of patient's preferred name.

Patch DG\*5.3\*996 fixes an error in the ES Health Level 7 (HL7) interface with VistA. The error is encountered when VistA receives an HL7 ORU-Z11/ORF-Z11 message from ES with a VHA Profile in the ZHP segment that does not exist in VistA. With this patch, when a VHA Profile that does not exist in VistA is encountered, message processing is stopped, the error is trapped, and an error message is returned to ES.

**IVM\*2.0\*190**

The ES 5.10 release includes an enhancement to allow entry of financial hardships so that Veterans are placed in the appropriate enrollment priority and Veteran Medical Benefit Plan. Prior to this enhancement, hardships could only be entered/approved in Veterans Health Information Systems and Technology Architecture (VistA). When a hardship is entered in ES, it will trigger an income test update HL7 ORU/ORF-Z10 message type) to all VistA systems where the Veteran is known.

With patch IVM\*2.0\*190, VistA REE will accept the hardship data from the HL7 ORU/ORF-Z10 message and process the incoming message in accordance with current processing.

When the Hardship Effective Date in the HL7 ORU/ORF-Z10 message is earlier than the Means Test Date on file, the following text is placed in the ANNUAL MEANS TEST (#408.31) file in the COMMENT (#50) field:

Received/Uploaded Test on XXX XX, XXXX XX:XX:XX am/pm with data inconsistencies.

: Hardship Effective Date earlier than Means Test Date

Table 1 shows the enhancements and modifications included in the DG\_53\_P996.KID release as tracked in Rational Team Concert (RTC) Requirements Management (RM).

**Table 1: DG\_53\_P996.KID (DG\*5.3\*996 and IVM\*2.0\*190) Enhancements and Modifications**

RTC RM #	Summary
884877	View Preferred Name in all Demographics Views
1085902	VistA VMBP: Hardship
1161604	Original Appointment Request Date Removed from NEAR Tracking Report
1161605	Original Appointment Request Date Removed from NEAR Call List

RTC RM #	Summary
1161607	Register A Patient will only Populate the Original Appointment Request Date if Veteran Requested Appointment on 1010EZ

## 4.3 Defects and Fixes

Table 2 lists the defects and fixes and corresponding Rational Team Concert (RTC) Change and Configuration Management (CM) numbers included in DG\_53\_P996.KID.

**Table 2: Defects and Fixes in DG\_53\_P996.KID**

RTC CM #	Summary
1214484	<p><b>Defect:</b> When ES sends a VHA Profile to VistA, VistA code is not processing the error when a VHA Profile doesn't exist in VistA. A hard error is encountered and the following error is placed in the error trap: &lt;SUBSCRIPT&gt;HL7UPD+5^DGHBPUTL *ADDHBP() Subscript 1 is "".</p> <p><b>Fix:</b> Once an invalid plan is encountered, message processing is stopped, the error is trapped and an error message is returned to ES.</p>

## List of Updates

DG\*5.3\*996 makes the following enhancements to VistA REE:

### PART 1: Hardship

- When GH is selected via the Hardships option [DGMTH HARDSHIPS] of the Means Test User Menu [DG MEANS TEST USER MENU], the prompt for "Hardship Review Date:" is no longer displayed.

```
Select Action:Quit// GH Grant Hardship
Means Test Status: GMT COPAY REQUIRED//
Hardship Effective Date: (JUL 11, 2019-JUL 12, 2019):
Hardship Reason:
```

**Figure 1: Grant Hardship Display Prompt**

- If a user selects to Edit Hardship (EH) or Delete Hardship (DH) via the Hardships option [DGMTH HARDSHIPS] of the Means Test User Menu [DG MEANS TEST USER MENU] and does not have the appropriate security key to do so the following message is displayed: "PLEASE USE ES TO EDIT HARDSHIP".
- The HARDSHIP REVIEW DATE (#.21) field of the ANNUAL MEANS TEST (#408.31) file is set to UNEDITABLE.

**PART 2: NEAR Tracking Report**

1. The NEAR Tracking Report (Detailed) is modified to remove the ORIGINAL APPT. REQUEST column. This column was originally displayed after the APPT. REQUEST column. The NAME column is expanded 10 characters and the preceding columns are shifted over 10 characters. No other field lengths are changed:

NEW ENROLLEE APPOINTMENT REQUEST TRACKING REPORT					Date: NOV 08, 2019
AUG 22, 2011 TO NOV 08, 2019					Page: 1
NAME	EP/CV	APPT. REQUEST	SCHEDULED		REQ
			APPT. DATE	# DAYS	
=====	=====	=====	=====	=====	=====
DGPATIENT1 (1988)	5/	04/11/19		211*	
DGPATIENT2 (9202)	5/	05/08/19		184*	
DGPATIENT3 (1989)	5/	05/08/19		184*	
DGPATIENT4 (3210)	5/	05/16/19		176*	
DGPATIENT5 (5934)		05/31/19		161*	
DGPATIENT6 (5050)	5/	04/30/19		192*	I
COMMENT: TESTING INPROCESS AFTER FILLED					
DGPATIENT7 (9876)	5/	04/10/19		212*	F
DGPATIENT8 (1234)	5/	04/23/19	05/13/19	20	F
COMMENT: TESTING EWL<>AutoComm:EWL FILLED					
DGPATIENT9 (2314)	5/	04/30/19	07/28/19	89	F
COMMENT: TESTING					
DGPATIENT10 (5432)	5/	05/08/19	05/24/19	16	F
COMMENT: AutoComm:null FILLED by Scheduling					
DGPATIENT11 (3456)	5/	05/15/19	06/25/19	41	F

Type <Enter> to continue or '^' to exit:

**Figure 2: NEAR Tracking Report**

2. The APPOINTMENT REQUEST ON 1010EZ field (#.1010.159) of the PATIENT file (#2) is modified. The cross-reference trigger which updates the ORIGINAL APPOINTMENT REQUEST field (#1010.1512) of the PATIENT file (#2) will only set that field when the value of the APPOINTMENT REQUEST ON 1010EZ field (#1010.159) is 1 (which represents a YES). The help text associated with the trigger is updated to describe the behavior.
3. The APPOINTMENT REQUEST DATE field (#.1010.1511) of the PATIENT file (#2) is modified. The cross-reference trigger which updates the ORIGINAL APPT REQUEST DATE field (#1010.1513) of the PATIENT file (#2) will only set that field when the value of the APPOINTMENT REQUEST ON 1010EZ field is 1 (which represents a YES). The help text associated with the trigger is updated to describe the behavior.
4. The ORIG APPT REQUEST CHG DT/TM field (#1010.1514) of the PATIENT file (#2) is updated by fields ORIGINAL APPT REQUEST and ORIGINAL APPT REQUEST DATE above when they are modified.

**PART 3: Preferred Name Phase 2**

1. Integration Control Registration (ICR) 7109 (DEMUPD^VADPT) is created and is to allow other/downstream applications to obtain the patient's PREFERRED NAME field (#.2405) of the PATIENT file (#2) along with basic patient demographic data. ICR 7109 is in addition to, and does not replace, existing ICR 10061.

ICR 7109 NAME: VADPT  
 CUSTODIAL PACKAGE: REGISTRATION  
 SUBSCRIBING PACKAGE:  
                                   USAGE: Supported      ENTERED: NOV 26,2019  
                                   STATUS: Active         EXPIRES:

2. The Patient Information Management System (PIMS) Technical Manual documents the input and output variables of the VADPT API and is updated with this modification, DEMUPD^VADPT. The PREFERRED NAME is stored in the (1,1) node of the VADEMO array.

**Table 3: VADEMO Array Definition Table**

Node #	Item Stored	Example
1	Name	PSEUDO,TEST TESTING
1,1	Preferred Name	NICKNAME PSEUDO
2	Social Security Number (internal^external format)	#####P^###-##-####P
3	Date of Birth (internal^external format)	2920229^FEB 29,1992
4	Age	27
5	Sex (internal^external format)	F^FEMALE
6	Expired Date (internal^external format)	3160303^MAR 3,2016
7	Remarks	[PATIENT DIED ON 03/03/16]
8	Historic Race (internal^external format)	3^WHITE, NOT OF HISPANIC ORIGIN
9	Religion (internal^external format)	104^AGNOSTICISM
10	Marital Status (internal^external format)	6^NEVER MARRIED
11	Number of Ethnicity entries	1
11, 1	Ethnicity (internal^external format)	2^NOT HISPANIC OR LATINO
11,1,1	Collection Method (internal^external format)	1^SELF IDENTIFICATION
12	Number of Race entries	1



Node #	Item Stored	Example
12, 1	Race (internal^external format)	13^WHITE
12, 1, 1	Collection Method (internal^external format)	1^SELF IDENTIFICATION
13	Current Preferred Language Time and Date entered (internal^external format)	3190626.1553^JUN 26,2019@15:53
13, 1	Patient Current Preferred Language (internal^external format)	1^ENGLISH

**IVM\*2.0\*190** includes the following enhancements to VistA REE:

With installation of patch IVM\*2.0\*190, VistA receives and places comment data from the HL7 ORU/ORF-Z10 message in the ANNUAL MEANS TEST (#408.31) file COMMENT (#50) field.

When the Hardship Effective Date in the HL7 ORU/ORF-Z10 message is earlier than the Means Test Date on file, the following text is placed in the ANNUAL MEANS TEST (#408.31) file in the COMMENT (#50) field:

Received/Uploaded Test on XXX XX, XXXX XX:XX:XX am/pm with data inconsistencies.

: Hardship Effective Date earlier than Means Test Date

## 4.4 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_P996.KID Release Notes	DG_5_3_P996_RN.PDF
PIMS Technical Manual	PIMSTM.PDF
User Manual - Appointment Menu	APPT.PDF)
User Manual – Registration Menu	PIMS_REG_UM.PDF
User Manual – Means Test Supervisor Menu	MTS_UM.PDF

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

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