Enrollment System Modernization (ESM) Phase 3

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

DG\_53\_P1027.KID

Registration (DG) – DG\*5.3\*1027  
Income Verification Match (IVM) – IVM\*2.0\*196

Release Notes



June 2021

Department of Veterans Affairs

Office of Information and Technology (OIT)

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# Introduction

The release of Veterans Health Information System and Technology Architecture (VistA) Registration, Eligibility & Enrollment (REE) Host File DG\_53\_P1027.KID, which includes Registration (DG) patch DG\*5.3\*1027 and Income Verification Match (IVM) patch IVM\*2.0\*196, supports the enhancements for the Enterprise Health Benefits Determination (EHBD) program. This release focuses on updates for the Enrollment System Modernization (ESM) Phase 3 project. The ESM Phase 3 project supports Enrollment System Community Care (ESCC) and Enrollment System (ES) Sustainment.

# Purpose

The Release Notes cover the changes to VistA REE DG and IVM systems for this release.

# 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.

# 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\_P1027.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\*1027 and IVM\*2.0\*196.

## New Features and Functions Added

There are no new features or functions added to VistA REE for DG\*5.3\*1027 and IVM\*2.0\*196.

## Enhancements and Modifications

**DG\*5.3\*1027**

DG\*5.3\*1027 modifies one existing VHA Profile, VETERAN PLAN CCP RESTRICTED CARE.

DG\*5.3\*1027 includes functionality in support of DG\*5.3\*993 SEPARATE PATIENT REGISTRATION FROM ENROLLMENT, including data dictionary, display, Health Level 7 (HL7) message processing updates, and integration with the Eligibility & Enrollment (E&E) web service, including the following:

1. In Register a Patient [DG REGISTER PATIENT] option, the "DO YOU WISH TO ENROLL?" prompt and the "SELF-REPORTED REGISTRATION ONLY REASON" prompt do not display when a patient is transferred or already registered at the site. When registering a new patient, if a user changes the "Veteran:" field on the ELIGIBILITY STATUS DATA, SCREEN <7> screen from NO to YES, a new message is displayed that reads: "Veteran indicator has been changed. Use the Enrollment System if the Veteran wishes to enroll. Press Enter to continue." If a user changes the "Veteran:" field on the ELIGIBILITY STATUS DATA, SCREEN <7> screen from YES to NO, it will prompt the user for a SELF-REPORTED REGISTRATION ONLY REASON.
2. Patch DG\*5.3\*1027 the (EP) Enroll Patient action protocol is disabled in the option Patient Enrollment [DGEN PATIENT ENROLLMENT].
3. Patch DG\*5.3\*1027 changes the name of the ENROLLMENT APPLICATION DATE field (#.01) in the PATIENT ENROLLMENT file (#27.11) to APPLICATION DATE field (#.01) in the PATIENT ENROLLMENT file (#27.11). In addition, the help text and description are updated. Other data dictionary changes include changes to the help text and description for the SELF REPORTED REGISTRATION ONLY REASON.
4. Patch DG\*5.3\*1027 adds an integration point to the E&E Web Service to determine if a patient is known to ES. The E&E Web Service is a Simple Object Access Protocol (SOAP) Application Program Interface (API) web service that provides a summary of a Veteran's enrollment and eligibility information.

DG\*5.3\*1027 adds a new ICR, #7208 - RETRIEVE ENROLLMENT STATUS, which retrieves the status from the Enrollment System.

During the post-install routine, a package of  classes and routines are created from the Web Service Definition Language (WSDL) file eeSummary.wsdl.  The package name is dgeewebsvc. All classes that are required for the webservice are created, compiled and stored into the package. Only those routines needed by the webservice are retained. All other routines are removed. Neither the package routines nor the classes should ever be changed or moved.

The 91 routines and 5 classes are listed in the patch description. Information on the [XU FIRST LINE PRINT] option, which can be used to verify these routines are compiled on the system, is also included in the patch description.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

NOTE: Sites will encounter an XINDEX Error after the installation of this patch. Routine DGREGEEWS uses HealtheVet Web Services Client (HWSC). It calls a Cache Class to parse the eXtensible Markup Language (XML) document returned by the web service call.

A Standards and Exemptions (SAC) Exemption (ID 20210107-01) was approved on 01/07/2021.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

The errors reported by XINDEX are:

DGREGEEWS \* \* 69 Lines, 2986 Bytes, Checksum: B8279505

S DGEEOBJ.Password=DGEEOBJ.HttpPassword ; set passwords to force

creation of security headers

GETSUMM+4 S - Vendor specific code is restricted.

GETSUMM+4 S - Vendor specific code is restricted.

S DGEEOBJ.HttpPassword=""

GETSUMM+5 S - Vendor specific code is restricted.

S DGEEOBJ.Username=DGEEOBJ.HttpUsername

GETSUMM+6 S - Vendor specific code is restricted.

GETSUMM+6 S - Vendor specific code is restricted.

S DGEEOBJ.HttpUsername=""

GETSUMM+7 S - Vendor specific code is restricted.

D DGEEOBJ.getEESummary(DGKEY,"",DGREQNAM,"",.DGSUMMARY) ; get

summary data

GETSUMM+10 S - Vendor specific code is restricted.

I $ISO(DGSUMMARY.enrollmentDeterminationInfo) D Q

RESULTS+3 F - Undefined Function.

RESULTS+3 S - Vendor specific code is restricted.

. S

DGENSTAT=DGSUMMARY.enrollmentDeterminationInfo.enrollmentStatus

RESULTS+5 S - Vendor specific code is restricted.

. S

DGWSHTOE=DGSUMMARY.enrollmentDeterminationInfo.registrationInfo.doY

ouWishToEnroll

RESULTS+6 S - Vendor specific code is restricted.

S DGSTCODE=DGEEOBJ.HttpResponse.StatusCode

STATCODE+1 S - Vendor specific code is restricted.

S

DGTEXT=$S($ISO(DGEEOBJ.SoapFault):DGEEOBJ.SoapFault.faultstring,1:DGT

EXT)

ERR+7 F - Undefined Function.

ERR+7 S - Vendor specific code is restricted.

ERR+7 S - Vendor specific code is restricted.

I DGERR.code'=6248 D ZTER^XOBWLIB(DGERR)

ERR+10 S - Vendor specific code is restricted.

**IVM\*2.0\*196**

The IVM BACKGROUND JOB [IVM BACKGROUND JOB] creates and transmits ORUZ07 HL7 messages from Veterans Health Information System and Technology Architecture (VistA) Registration, Eligibility & Enrollment (REE) to ES. Currently, some enrollments that have not been completed are sent to ES. With IVM\*2.0\*196, incomplete enrollments will not be sent to ES.

New Functionality: With installation of Patch IVM\*2.0\*196, the IVM BACKGROUND JOB [IVM BACKGROUND JOB] will not send ORU/ORF-Z07 message if both of the below conditions are true:

1. Patient does not have a VistA Enrollment record
2. PT APPLIED FOR ENROLLMENT? (#27.04) Field in the VistA PATIENT (#2) File is Yes

Table 1 shows the enhancements and modifications included in the DG\_53\_P1027.KID release as tracked in Atlassian Jira.

Table 1: DG\_53\_P1027.KID (DG\*5.3\*1027 & IVM\*2.0\*196) Enhancements and Modifications

| **Jira Epic #** | **Summary** |
| --- | --- |
| VES-7266 | VistA Separate Registration database changes |
| VES-7267 | VistA Separate Registration Updates including Z11 processing rules |
| VES-7475 | Update VistA Description of Veteran Plan CCP Restricted Care VHAP |
| VES-9467 | VistA 5.14 Design, Engineering, and Architecture (DE&A) Compliance Evidence |

## 

## Defects and Fixes

Table 2 lists the defects and fixes and corresponding Jira identification numbers included in DG\*5.3\*1027.

Table 2: Defects and Fixes in DG\*5.3\*1027

| Jira ID | Summary |
| --- | --- |
| N/A | N/A |

**List of Updates**

**DG\*5.3\*1027** makes the following enhancements to VistA REE:

**PART 1: VHAP DESCRIPTION**

Patch DG\*5.3\*1027 modifies the HEALTH BENEFIT PLAN file (#25.11). DG\*5.3\*1027 updates the long description of one existing VHA Profile, VETERAN PLAN CCP RESTRICTED CARE:

NUMBER: 90 NAME : VETERAN PLAN CCP RESTRICTED CARE

PLAN CODE: 300COVERAGE CODE: CR01001

SHORT DESCRIPTION:

CCP R

LONG DESCRIPTION:

A covered Veteran is any Veteran who is enrolled in the "annual patient enrollment" established and operated under section 1705; or is a Veteran who is not enrolled but is otherwise entitled to hospital care, medical services, extended care services and community care services. These Veterans and non-Veterans are only eligible for care related to their Service Connected (SC) conditions, or Military Sexual Trauma (MST), or Mental Health (MH) Other-Than-Honorable (OTH) as indicated in their records. The VHAP Veteran Plan CCP Restricted Care is assigned to Veterans who are NOT enrolled and non-Veterans who have the following eligibility: SC 0% to 40%; SC 0% (non-compensable); Was discharged or released from active military service for a disability incurred or aggravated in the line of duty for that disability for the 12-month period following discharge or release; Military Sexual Trauma (MST) Non-Veteran (Active Duty); Emergent Mental Health (MH) Other-Than-Honorable (OTH) or Extended MH OTH.

**PART 2: SEPARATE REGISTRATION FROM ENROLLMENT UPDATES**

DG\*5.3\*1027 includes functionality in support of DG\*5.3\*993 SEPARATE PATIENT REGISTRATION FROM ENROLLMENT, including data dictionary, display, Health Level 7 (HL7) message processing updates, and integration with the Eligibility & Enrollment (E&E) web service, including the following:

**PART 2.1: DATA DICTIONARY CHANGES**

1. The PT APPLIED FOR ENROLLMENT? field (#27.04) is added to the PATIENT file (#2) file:

STANDARD DATA DICTIONARY #2 -- PATIENT FILE 11/1/20 PAGE 1  
STORED IN ^DPT( (634 ENTRIES) SITE: TECHNICAL INTEGRATION SERVICE

UCI: DEVVOO,DEVVOO

DATA NAME GLOBAL DATA

ELEMENT TITLE LOCATION TYPE

--------------------------------------------------------------------------

2,27.04 PT APPLIED FOR ENROLLMENT? ENR;4 SET (audited)

PATIENT APPLIED FOR ENROLLMENT?

'0' FOR NO;

'1' FOR YES;

LAST EDITED: SEP 02, 2020

HELP-PROMPT: Select Y or YES if the patient wants to

apply for enrollment for VHA Healthcare

benefits. Select N or NO if the patient

only wants to register without applying

for enrollment.

DESCRIPTION: This field will be set to 0 (zero) if the

patient did not apply for enrollment

(registration only), or 1 if the patient

did apply for enrollment.

AUDIT: YES, ALWAYS

Figure : PT APPLIED FOR ENROLLMENT? field (#27.04)

1. A new trigger is added to the PT APPLIED FOR ENROLLMENT? field (#.14) of the PATIENT ENROLLMENT file (#27.11). This trigger will update the PT APPLIED FOR ENROLLMENT? field (#27.04) of the PATIENT file (#2).

STANDARD DATA DICTIONARY #27.11 -- PATIENT ENROLLMENT FILE 11/1/20 PAGE 1

STORED IN ^DGEN(27.11, (1027 ENTRIES) SITE: TECHNICAL INTEGRATION

SERVICE UCI: DEVVOO,DEVVOO (VERSION 5.3)

DATA NAME GLOBAL DATA

ELEMENT TITLE LOCATION TYPE

--------------------------------------------------------------------------

27.11,.14 PT APPLIED FOR ENROLLMENT? 0;14 SET (audited)

PATIENT APPLIED FOR ENROLLMENT?

'0' FOR NO;

'1' FOR YES;

LAST EDITED: OCT 19, 2020

HELP-PROMPT: Select Y or YES if the patient wants to

apply for enrollment for VHA Healthcare

benefits. Select N or NO if the patient

only wants to register without applying

for enrollment.

DESCRIPTION: This field will be set to 0 (zero) if the

patient did not apply for enrollment

(registration only), or 1 if the patient

did apply for enrollment.

AUDIT: YES, ALWAYS

CROSS-REFERENCE: 27.11^AD^MUMPS

1)= N DGDFN,DGFDA S DGDFN=$$GET1^DIQ(27.11

,DA,.02,"I") I $$FINDCUR^DGENA(DGDFN)=DA S

DGFDA(2,DGDFN\_",",27.04)=X D FILE^DIE("",

"DGFDA")

2)= N DGDFN,DGFDA S DGDFN=$$GET1^DIQ(27.11

,DA,.02,"I") I $$FINDCUR^DGENA(DGDFN)=DA S

DGFDA(2,DGDFN\_",",27.04)=X D FILE^DIE("",

"DGFDA")

If this enrollment record is the current

enrollment record for the patient, this

trigger updates the PT APPLIED FOR

ENROLLMENT? (#27.04) field in the PATIENT

(#2) file with the value entered or edited

for this field.

Figure : Trigger Update to PT APPLIED FOR ENROLLMENT? field (#.14)

1. The ENROLLMENT APPLICATION DATE field (#.01) in the PATIENT ENROLLMENT file (#27.11) is renamed to the APPLICATION DATE field (#.01). The HELP PROMPT and DESCRIPTION are updated as shown in the following screen capture.

STANDARD DATA DICTIONARY #27.11 -- PATIENT ENROLLMENT FILE 11/3/20 PAGE 1

STORED IN ^DGEN(27.11, (1028 ENTRIES) SITE: TECHNICAL INTEGRATION SERVICE

UCI: DEVVOO,DEVVOO (VERSION 5.3)

DATA NAME GLOBAL DATA

ELEMENT TITLE LOCATION TYPE

--------------------------------------------------------------------------

27.11,.01 APPLICATION DATE 0;1 DATE (Required)

APPLICATION DATE

INPUT TRANSFORM: S %DT="EPX" D ^%DT S X=Y K:Y<1 X I $D(X) D

H^DGUTL K:X>DGTIME X K DGTIME,DGDATE I $G

(X)>0 D ENRAPP^DGENDD

LAST EDITED: NOV 03, 2020

HELP-PROMPT: Enter the Application Date for

enrollment.

Application Date cannot be before

10/1/1996 or patient's DOB. It cannot be

a future date or equal to or after

patient's Date of Death.

DESCRIPTION: The date of the application for enrollment

or date of registration. The Application

Date is user entered or set by the upload

from ES. The date of the registration

cannot be entered in VistA, it is set by

the system during new patient registration

to today's date or by the upload from ES.

Application Date:

Must be a date prior or equal to the

Veteran's 'Date of Death', if the

Application Date is user entered or

provided in the upload from ES

Must be a precise date, i.e. a day,

month and year MUST be included

Cannot be a date prior to the Veteran's

'Date of Birth'

Cannot be a date in the future

Cannot be a date prior to 10/1/1996

UNEDITABLE

Figure : Updated HELP PROMPT and DESCRIPTION

4. The PATIENT REGISTRATION ONLY REASON file (#408.43) is updated to add a WRITE IDENTIFIER to display additional descriptive text for select entries.

Select OPTION: INQUIRE TO FILE ENTRIES

Output from what File: PATIENT REGISTRATION ONLY REASON//

(19 entries)

Select PATIENT REGISTRATION ONLY REASON: VHA TRANSPLANT PROGRAM 19

(including organ and plasma donors)

Another one: EXPOSURE REGISTRY EXAM 4

(including Agent Orange, CLV etc.)

Figure : INQUIRE TO FILE ENTRIES Option Screen

STANDARD DATA DICTIONARY #408.43 -- PATIENT REGISTRATION ONLY REASON FILE

11/17/20 PAGE 1

STORED IN ^DG(408.43, (19 ENTRIES) SITE: TECHNICAL INTEGRATION

SERVICE

UCI: DEVVOO,DEVVOO (VERSION 5.3)

DATA NAME GLOBAL DATA

ELEMENT TITLE LOCATION TYPE

--------------------------------------------------------------------------

This file contains a list of reasons that can be selected when a user is

creating a patient that either does not want to be enrolled for VA care

(Registration only) or is a Collateral patient.

DD ACCESS: @

RD ACCESS: @

WR ACCESS: @

DEL ACCESS: @

LAYGO ACCESS: @

AUDIT ACCESS: @

IDENTIFIED BY:

"WRITE": W:$D(^("0")) ?40,$P(^("0"),U,3) W:$P(^("0"),U,1)["VHA TRANS

PLANT" !," (including organ and plasma donors)" W:$P(^("0

"),U,1)["EXPOSURE" !," (including Agent Orange, CLV etc.)

"

Figure : WRITE IDENTIFIER

**PART 2.2: REGISTER A PATIENT**

1. In Register a Patient [DG REGISTER PATIENT] option, the "DO YOU WISH TO ENROLL?" prompt and the "SELF-REPORTED REGISTRATION ONLY REASON" prompt display when a new patient unknown to ES is registered. The two prompts do not display when the patient exists in ES or the response is already stored in the PATIENT ENROLLMENT file (#27.11).
2. The SELF-REPORTED REGISTRATION ONLY REASON prompt in the Register a Patient [DG REGISTER PATIENT] option is updated. The list of available reasons will now only appear if a question mark is entered at the prompt.

The following screen capture is from the Register a Patient [DG REGISTER PATIENT] option:

DO YOU WISH TO ENROLL? NO

SELF-REPORTED REGISTRATION ONLY REASON: 15 OTHER 15

Figure : Self-Reported Registration Only Reason Prompt

DO YOU WISH TO ENROLL? NO

SELF-REPORTED REGISTRATION ONLY REASON: ?

Select the appropriate Self-Reported Registration Only Reason for this

patient.

Selections available:

Answer with PATIENT REGISTRATION ONLY REASON, or CODE

Do you want the entire PATIENT REGISTRATION ONLY REASON List? Y (Yes)

Choose from:

ACTIVE DUTY 2

ART/IVF 12

BENEFICIARY 8

C&P DISABILITY BENEFITS EXAM 1

COLLATERAL (OTHER) 11

EMPLOYEE 7

EXPOSURE REGISTRY EXAM 4

(including Agent Orange, CLV etc.)

HUMANITARIAN/EMERGENCY 6

LEGISLATIVE MANDATE 14

MARRIAGE/FAMILY COUNSELING 10

NEWBORN 13

OTHER 15

OTHER THAN HONORABLE (OTH) 9

RESEARCH 5

SERVICE CONNECTED ONLY 3

VHA TRANSPLANT PROGRAM 19

(including organ and plasma donors)

SELF-REPORTED REGISTRATION ONLY REASON: ??

Select from the available list, the Self-Reported Registration Only Reason

which best defines this patient's primary reason for registering without

applying for enrollment.

Choose from:

ACTIVE DUTY 2

ART/IVF 12

BENEFICIARY 8

C&P DISABILITY BENEFITS EXAM 1

COLLATERAL (OTHER) 11

EMPLOYEE 7

EXPOSURE REGISTRY EXAM 4

(including Agent Orange, CLV etc.)

HUMANITARIAN/EMERGENCY 6

LEGISLATIVE MANDATE 14

MARRIAGE/FAMILY COUNSELING 10

NEWBORN 13

OTHER 15

OTHER THAN HONORABLE (OTH) 9

RESEARCH 5

SERVICE CONNECTED ONLY 3

VHA TRANSPLANT PROGRAM 19

(including organ and plasma donors)

SELF-REPORTED REGISTRATION ONLY REASON:

Figure : Self-Reported Registration Only Reason – List of Available Reasons

1. When using Register a Patient [DG REGISTER PATIENT] option to add a new patient unknown to ES, if the user changes "Veteran:" on the ELIGIBILITY STATUS DATA, SCREEN <7> screen, a message or a prompt is displayed before the "Checking data for consistency. . ." message at the end of the registration.
   1. If the user changes "Veteran:" from NO to YES, the system displays the following message after the registration screens.

"Veteran indicator has been changed. "Do You Wish To Enroll" is currently

set to NO. Use the Enrollment System if the Veteran wishes to enroll.

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

Checking data for consistency...

Figure : Veteran Eligibility Status Update Screen

* 1. If the user changes the "Veteran:" field from YES to NO on the ELIGIBILITY STATUS DATA, SCREEN <7> screen, the system processes the record as a nonveteran. The PT APPLIED FOR ENROLLMENT? field (#.14) in the PATIENT ENROLLMENT file (#27.11) is set to "N". If the patient requested an appointment at the beginning of the Register a Patient [DG REGISTER PATIENT] option the 1010EZ appointment information is cleared. The user is prompted for a SELF-REPORTED REGISTRATION ONLY REASON after the registration screens and before the "Checking data for consistency. . ." message.

SELF-REPORTED REGISTRATION ONLY REASON:

Checking data for consistency...

Figure : "Checking Data for Consistency" Message

The following screen capture is from the Collateral Patient Register [DG COLLATERAL PATIENT] option:

SPONSOR: LASTNAME,FIRSTNAME, ###-##-####P

SELF-REPORTED REGISTRATION ONLY REASON: ?

Select the appropriate Self-Reported Registration Only Reason for this

patient.

Selections available:

Answer with PATIENT REGISTRATION ONLY REASON, or CODE

Do you want the entire PATIENT REGISTRATION ONLY REASON List? Y (Yes)

Choose from:

ART/IVF 12

COLLATERAL (OTHER) 11

MARRIAGE/FAMILY COUNSELING 10

NEWBORN 13

VHA TRANSPLANT PROGRAM 19

(including organ and plasma donors)

SELF-REPORTED REGISTRATION ONLY REASON: ??

Select from the available list, the Self-Reported Registration Only Reason

which best defines this patient's primary reason for registering without

applying for enrollment.

Choose from:

ART/IVF 12

COLLATERAL (OTHER) 11

MARRIAGE/FAMILY COUNSELING 10

NEWBORN 13

VHA TRANSPLANT PROGRAM 19

(including organ and plasma donors)

SELF-REPORTED REGISTRATION ONLY REASON:

Figure : Self-Reported Registration Only Reason - Collateral Patient Register

**PART 2.3: COLLATERAL PATIENT REGISTER [DG COLLATERAL PATIENT] OPTION**

The SELF-REPORTED REGISTRATION ONLY REASON prompt in the Collateral Patient Register [DG COLLATERAL PATIENT] option is updated. The list of available reasons will now only appear if a question mark is entered at the prompt.

SPONSOR: LASTNAME,FIRSTNAME, ###-##-####P

SELF-REPORTED REGISTRATION ONLY REASON: ?

Select the appropriate Self-Reported Registration Only Reason for this

patient.

Selections available:

Answer with PATIENT REGISTRATION ONLY REASON, or CODE

Do you want the entire PATIENT REGISTRATION ONLY REASON List? Y (Yes)

Choose from:

ART/IVF 12

COLLATERAL (OTHER) 11

MARRIAGE/FAMILY COUNSELING 10

NEWBORN 13

VHA TRANSPLANT PROGRAM 19

(including organ and plasma donors)

SELF-REPORTED REGISTRATION ONLY REASON: ??

Select from the available list, the Self-Reported Registration Only Reason

which best defines this patient's primary reason for registering without

applying for enrollment.

Choose from:

ART/IVF 12

COLLATERAL (OTHER) 11

MARRIAGE/FAMILY COUNSELING 10

NEWBORN 13

VHA TRANSPLANT PROGRAM 19

(including organ and plasma donors)

SELF-REPORTED REGISTRATION ONLY REASON:

Figure : SELF-REPORTED REGISTRATION ONLY REASON prompt

**PART 2.4: VISTA USER CANNOT REQUEST ENROLLMENT**

The EP Enroll Patient [DGEN ENROLL PATIENT] protocol is disabled within the Patient Enrollment [DGEN PATIENT ENROLLMENT] option. If the EP Enroll Patient [DGEN ENROLL PATIENT] protocol is selected, the message "Use the Enrollment System to complete enrollment process." is displayed:

Patient Enrollment Sep 18, 2020@12:46:04 Page: 1

of 3

Patient: DGPATIENT,ONE (0000) NSC

VETERAN

Preferred Facility: ZZ ALBANY.VA.GOV Current

Enrollment

Preferred Facility Source: VISTA

-------------------------------------------------------------------------

Enrollment

Enrollment Date:

Enrollment End Date:

Application Date: AUG 24, 2020

Source of Enrollment: VAMC

Enrollment Category: IN PROCESS

Enrollment Status: UNVERIFIED

Reason for Closed Application:

Enrollment Priority:

Effective Date: AUG 24, 2020

Reason Canceled/Declined:

Canceled/Declined Remarks:

Entered By: DGUSER,ONE

+---------Query: TRANSMITTED Notify: ------------------------------

EP (Enroll Patient) QS Check Query Status SP Select Patient

PF Preferred Facility SQ (Send Query) AU (View Upload

Audit)

EH Expand History CD Catastrophic Disab. PZ Print 1010EZ/EZR

Select Action:Next Screen// EP

>>> Use the Enrollment System to complete the enrollment process.

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

Figure : “Use Enrollment System to Complete Enrollment Process.” Prompt

**PART 3: LOAD/EDIT -INCOMPLETE REGISTRTION MESSAGE**

In the Load/Edit Patient Data [DG LOAD PATIENT DATA] option, if the patient's enrollment request or registration is incomplete, a new message appears immediately after the SPONSOR DEMOGRAPHIC INFORMATION, SCREEN <15> screen and before the "Checking data for consistency. . ." message. See screen capture below. The patient has an incomplete enrollment request or registration if the patient is unknown to ES, there is a record for the patient in the PATIENT (#2) file, but no record for the patient in the PATIENT ENROLLMENT (#27.11) file.

SPONSOR DEMOGRAPHIC INFORMATION, SCREEN <15>

DGPatient,One (PREFERRED NAME) MMM DD,YYYY

666-56-9090 NSC VETERAN

==========================================================================

[1] Sponsor Information:

No Sponsor Information available.

\*\*\* Team Information \*\*\*

-- No team assignment information found --

<RET> to QUIT, 1 or ALL to EDIT, ^N for screen N or '^' to QUIT:

This patient has not had the Enrollment Request Process completed and

this must be done through Register A Patient.

Press RETURN to continue...:

Checking data for consistency...

===> 8 inconsistencies found in 0 seconds...

Figure : Incomplete Registration Message Screen

**PART 4: HL7 ORU/ORF Z11 PROCESSING**

VistA will process the ORF/ORU Z11 Health Level 7 (HL7) message from the ES if both of the below conditions are true:

1. PT APPLIED FOR ENROLLMENT (#.14) field in PATIENT ENROLLMENT (#27.11) file is Yes
2. PT APPLIED FOR ENROLLEMNT field value in Sequence number 16 of ZEN segment of the Health Level 7 (HL7) ORU/ORF Z11 message is No

This supports the ability of an ES user with special privileges to change "Do You Wish To Enroll" from YES to NO when a clerical error has been made.

If the Application Date is populated in sequence number 11 of ZEN segment of the Health Level 7 (HL7) ORU/ORFZ11 message, the Application Date must be a date prior to or equal to the Patient's Date of Death. If the Application Date is not populated, ignore the above rule.

**PART 5: E&E Web Service**

Patch DG\*5.3\*1027 adds an integration point to the ES E&E Web Service to obtain the Enrollment Status for a given ICN. If the Enrollment status is not null, the patient is known to ES.

The E&E web server, DG EE SUMMARY SERVER, and a service, DG EE SUMMARY SERVICE, are configured by a post-install routine. This routine creates entries in the HWSC configuration files to define the web server DG EE SUMMARY SERVER in the WEB SERVER (#18.12) file and the service DG EE SUMMARY SERVICE in the WEB SERVICE (#18.02) file.

**PART 6: New ICR 7208**

Patch DG\*5.3\*1027 adds new ICR #7208 RETRIEVE ENROLLMENT STATUS. This ICR

is added to routine DGREGEEWS to retrieve enrollment status from Enrollment system:

7208 NAME: RETRIEVE ENROLLMENT STATUS

CUSTODIAL PACKAGE: REGISTRATION

SUBSCRIBING PACKAGE: INCOME VERIFICATION MATCH

USAGE: Controlled Subscri ENTERED: OCT 23,2020

STATUS: Active EXPIRES:

DURATION: VERSION:

DESCRIPTION: TYPE: Routine

This API will be used to determine if the Patient is known to Enrollment System or not by calling E&E Web Service.

ROUTINE: DGREGEEWS

COMPONENT: EN

VARIABLES: Input DGKEY

Patient full ICN

VARIABLES: Input DGREQNAM

Requestor Name

VARIABLES: Output DGENSTAT

Contains the Enrollment Status

VARIABLES: Output DGWSHTOE

Contains the "Do you Wish to Enroll?" value.

KEYWORDS: EE WEBSERVICE

ENROLLMENT STATUS

**IVM\*2.0\*196** makes the following enhancements to VistA REE:

The IVM Background Job [IVM BACKGROUND JOB] option is modified to no longer trigger an ORU-Z07 message to the Enrollment System if the patient is unknown to the Enrollment System, there is no Enrollment record and the value in the PT APPLIED FOR ENROLLMENT (#27.04) field in PATIENT (#2) file is Yes.

## Known Issues

No known or open issues were identified in this release.

# Product Documentation

The following documents apply to this release:

**Title** **File Name**

DG\_53\_P1027.KID Release Notes DG\_5\_3\_P1027\_RN.PDF  
DG\_53\_P1027.KID Deployment, Installation  
Back-out, and Rollback Guide DG\_5\_3\_P1027\_DIBRG.PDF  
User Manual - Registration Menu PIMS\_REG\_UM.PDF  
PIMS Technical Manual PIMS\_TM.PDF

DG\_53\_P1027.KID Interface Specification DG\_5\_3\_P1027\_IS.PDF

Refer to the Software and Documentation Retrieval Instructions section of the patch descriptions for information on obtaining the Host File DG\_53\_P1027.KID and related documentation.

The DG\_53\_P1027.KID Release Notes and User/Technical Manuals can also be found on the VA Software Documentation Library (VDL) at: <http://www.va.gov/vdl/>.