

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



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**Department of Veterans Affairs
Office of Information and Technology (OIT)**

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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_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.

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_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.

4.1 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.

4.2 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.SoaFault):DGEEOBJ.SoaFault.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

4.3 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:

DATA ELEMENT	NAME TITLE	GLOBAL LOCATION	DATA 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 1: PT APPLIED FOR ENROLLMENT? field (#27.04)

2. 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 2: Trigger Update to PT APPLIED FOR ENROLLMENT? field (#.14)

- 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 3: Updated HELP PROMPT and DESCRIPTION

- 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 4: 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 5: 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 6: 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 7: Self-Reported Registration Only Reason – List of Available Reasons

3. 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.
 - a. 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 8: Veteran Eligibility Status Update Screen

- b. 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 9: "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 10: 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 11: SELF-REPORTED REGISTRATION ONLY REASON prompt

PART 2.4: VISTA USER CANNOT REQUEST ENROLLMENT

The EP Enroll Patient [DGENENROLL 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 12: "Use Enrollment System to Complete Enrollment Process." Prompt

PART 3: LOAD/EDIT -INCOMPLETE REGISTRRTION 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 13: 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.

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_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/>.