**Eligibility and Enrollment (E&E)**

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

**DG\_53\_P1121.KID**

**Registration (DG) – DG\*5.3\*1121
Income Verification Match (IVM) – IVM\*2.0\*215**

# Release Notes



October 2024

Department of Veterans Affairs

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##

## Introduction

VistA REE Host File DG\_53\_P1121.KID, which includes Registration (DG) patch DG\*5.3\*1121 and Income Verification Match (IVM) patch IVM\*2.0\*215, is being released to support enhancements for the Eligibility and Enrollment (E&E) program.

Host File DG\_53\_P1121.KID is also being released in support of the Veterans Health Administration (VHA) Enrollment System (VES) 6.11 release.

## 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\_P1121.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\*1121 and IVM\*2.0\*215.

### New Features and Functions Added

There are no new features or functions added to VistA REE for DG\*5.3\*1121 and IVM\*2.0\*215.

### Enhancements and Modifications to Existing

Patch **DG\*5.3\*1121** modifies the APPLICANT/SPOUSE EMPLOYMENT DATA, SCREEN <4> to make the screen not editable.

Patch DG\*5.3\*1121 adds Data Dictionary TELEPHONE COUNTRY CODE file (#12.12).

Patch DG\*5.3\*1121 adds TEMPORARY COUNTRY CODE field (#.12116), COUNTRY CODE [RESIDENCE] field (#.1327), COUNTRY CODE [CELLULAR] field (#.1328), COUNTRY CODE [WORK] field (#.1329), and CONFIDENTIAL COUNTRY CODE field (#.13201) to the PATIENT file (#2).

Patch DG\*5.3\*1121 adds TEMPORARY EXTENSION field (#.12117), EXTENSION [RESIDENCE] field (#.13211), EXTENSION [CELLULAR] field (#.13212), EXTENSION [WORK] field (#.13213) and CONFIDENTIAL EXTENSION field (#.13214) to the PATIENT file (#2).

Patch DG\*5.3\*1121 adds the PERSIAN GULF INDICATOR field (#.32117) and PERSIAN GULF LAST CHANGE DATE field (#.32118) to the PATIENT file (#2).

Patch DG\*5.3\*1121 modifies the Integration Control Registration (ICR) #10061 SVC^VADPT to return the new value PERSIAN GULF INDICATOR (#2.32117) and the PERSIAN GULF LAST CHANGE DATE (#2.32118).

Patch DG\*5.3\*1121 adds two new triggers to the PHONE NUMBER [WORK] field (#.132) of the PATIENT file (#2).

The ZEL segment of the Health Level 7 (HL7) ORU/ORF-Z11 message is modified. Sequences 49 and 50 are added for PERSIAN GULF INDICATOR and PERSIAN GULF LAST CHANGE DATE. The values for these sequences are stored in the PERSIAN GULF INDICATOR field (#.32117) and PERSIAN GULF LAST CHANGE DATE field (#.32118) of the PATIENT file (#2).

The ZTA segment of the HL7 ORU/ORF-Z07 message is modified. Sequence 10 is added for TEMPORARY INTERNATIONAL PHONE NUMBER. Also, the 13th sequence of the PID segment of the HL7 ORU/ORF-Z07 message is modified. Components 5 through 8 are added in Sequence 13 for COUNTRY CODE, AREA CODE, PHONE NUMBER, and EXTENSION.

Patch **IVM\*2.0\*215** modifies the ZEL segment of the HL7 ORU/ORF Z11 message. Sequences 49 and 50 are added for PERSIAN GULF INDICATOR and PERSIAN GULF LAST CHANGE DATE. The values from these sequences are stored in the PERSIAN GULF INDICATOR field (#.32117) and PERSIAN GULF LAST CHANGE DATE field (#.32118) of the PATIENT file (#2).

Patch IVM\*2\*215 modifies the ZTA segment of the HL7 ORU/ORF Z05 message. Sequence 10 is added for TEMPORARY INTERNATIONAL PHONE NUMBER. Also, the 13th sequence of the PID segment of the HL7 ORU/ORF Z05 message is modified. Components 5 thru 8 are added in Sequence 13 for COUNTRY CODE, AREA CODE, PHONE NUMBER, and EXTENSION.

Patch IVM\*2.0\*215 fixes a defect with sending Confidential Address change site information in the ORU/ORF-Z07 HL7 message.

Table 1 shows the enhancements and modifications included in the DG\_53\_P1121.KID release as tracked in Atlassian Jira.

Table 1: DG\_53\_P1121.KID Enhancements and Modifications

| Jira Epic # | Summary |
| --- | --- |
| VES-7052 | VistA, VES, Vet360 and Corp Display Phone Numbers 4-Digit Area Codes (VistA) |
| VES-41109 | VES Site Correlation (VistA) |
| VES-41501 | Ability to Edit All Employer details on Personal Subtab - Phase 2 (VistA) |
| VES-45133 | PACT Act 405 Persian Gulf Deployed Cohort Identifier (VistA) |

**List of Updates**

Patch **DG\*5.3\*1121** makes the following enhancements to VistA REE:

**SECTION 1: DATA DICTIONARY UPDATES**

1. DG\*5.3\*1121 adds a new Data Dictionary entry. TELEPHONE COUNTRY CODE File (#12.12) is installed and populated with 245 records containing the international dialing code, the country name, and the country's short display name.

DATA NAME GLOBAL DATA

ELEMENT TITLE LOCATION TYPE

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

This file contains the list of telephone country codes using the

International Telecommunications Union (ITU) Standard. This list is

necessary to accurately store, transmit, and receive patient phone

numbers that are outside the United States.

NOTE: This file is controlled by the MAS Health Eligibility Center, Member

Services. Records in this file should not be added, edited, or deleted.

Any changes to this file's structure or its records should only be done

through a national patch release. Performing local modifications would

likely cause database corruption.

POINTED TO BY: TEMPORARY COUNTRY CODE field (#.12116) of the PATIENT File

 (#2)

 CONFIDENTIAL COUNTRY CODE field (#.13201) of the PATIENT

 File (#2)

 COUNTRY CODE [RESIDENCE] field (#.1327) of the PATIENT

 File (#2)

 COUNTRY CODE [CELLULAR] field (#.1328) of the PATIENT File

 (#2)

 COUNTRY CODE [WORK] field (#.1329) of the PATIENT File

 (#2)

CROSS

REFERENCED BY: NAME(B)

 LAST MODIFIED: JUL 25,2024@14:52:54

12.12,.01 NAME 0;1 FREE TEXT (Required)

 COUNTRY NAME

 INPUT TRANSFORM: K:$L(X)>30!($L(X)<3)!'(X'?1P.E) X

 MAXIMUM LENGTH: 30

 LAST EDITED: JUL 22, 2024

 HELP-PROMPT: Enter the country of origin for this phone

 number.

 DESCRIPTION: This field contains the name of the

 country. This name will not appear on the

 screen at data entry.

 CROSS-REFERENCE: 12.12^B

 1)= S ^DG(12.12,"B",$E(X,1,30),DA)=""

 2)= K ^DG(12.12,"B",$E(X,1,30),DA)

12.12,.02 COUNTRY DIALING CODE 0;2 NUMBER (Required)

 INPUT TRANSFORM: K:+X'=X!(X>999)!(X<1)!(X?.E1"."1N.N) X

 LAST EDITED: JUL 22, 2024

 HELP-PROMPT: Enter the international dialing code.

 DESCRIPTION: This value is the dialing code required to

 call this country.

12.12,.03 COUNTRY DISPLAY NAME 0;3 FREE TEXT

 INPUT TRANSFORM: K:$L(X)>12!($L(X)<1) X

 MAXIMUM LENGTH: 12

 LAST EDITED: JUL 25, 2024

 HELP-PROMPT: Enter the country display name.

 DESCRIPTION: This value is the display name for the

 country and is a shorter version of the

 full country name. This value will

 display on screen after selecting a

 TELEPHONE COUNTRY CODE.

INPUT TEMPLATE(S):

PRINT TEMPLATE(S):

SORT TEMPLATE(S):

FORM(S)/BLOCK(S):

1. DG\*5.3\*1121 adds 5 new fields in the PATIENT File (#2) to accommodate storing the country code.

DATA NAME GLOBAL DATA

ELEMENT TITLE LOCATION TYPE

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

2,.12116 TEMPORARY COUNTRY CODE .121;16 POINTER TO TELEPHONE COUNTRY

 CODE FILE (#12.12)

 LAST EDITED: JUL 22, 2024

 HELP-PROMPT: Enter the country dialing code for

 TEMPORARY PHONE NUMBER.

 DESCRIPTION: TEMPORARY COUNTRY CODE is the

 international dialing code for TEMPORARY

 PHONE NUMBER, Field (#.1219) from the

 PATIENT File (#2).

 FILES POINTED TO FIELDS

TELEPHONE COUNTRY CODE (#12.12) TEMPORARY COUNTRY CODE (#.12116)

DATA NAME GLOBAL DATA

ELEMENT TITLE LOCATION TYPE

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

2,.1327 COUNTRY CODE [RESIDENCE] .132;7 POINTER TO TELEPHONE

 COUNTRY CODE FILE (#12.12)

 LAST EDITED: JUL 22, 2024

 HELP-PROMPT: Enter the country dialing code for PHONE

 NUMBER [RESIDENCE].

 DESCRIPTION: COUNTRY CODE [RESIDENCE] is the

 international dialing code for PHONE

 NUMBER [RESIDENCE], Field (#.131) from the

 PATIENT File (#2).

 FILES POINTED TO FIELDS

TELEPHONE COUNTRY CODE (#12.12) COUNTRY CODE [RESIDENCE] (#.1327)

DATA NAME GLOBAL DATA

ELEMENT TITLE LOCATION TYPE

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

2,.1328 COUNTRY CODE [CELLULAR] .132;8 POINTER TO TELEPHONE COUNTRY

 CODE FILE (#12.12)

 LAST EDITED: JUL 26, 2024

 HELP-PROMPT: Enter the country dialing code for PHONE

 NUMBER [CELLULAR].

 DESCRIPTION: COUNTRY CODE [CELLULAR] is the

 international dialing code for PHONE

 NUMBER [CELLULAR], Field (#.134) from the

 PATIENT File (#2).

 FILES POINTED TO FIELDS

TELEPHONE COUNTRY CODE (#12.12) COUNTRY CODE [CELLULAR] (#.1328)

DATA NAME GLOBAL DATA

ELEMENT TITLE LOCATION TYPE

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

2,.1329 COUNTRY CODE [WORK] .132;9 POINTER TO TELEPHONE COUNTRY

 CODE FILE (#12.12)

 LAST EDITED: JUL 22, 2024

 HELP-PROMPT: Enter the country dialing code for PHONE

 NUMBER [WORK].

 DESCRIPTION: COUNTRY CODE [WORK] is the international

 dialing code for PHONE NUMBER [WORK],

 Field (#.132) from the PATIENT File (#2).

 NOTES: TRIGGERED by the PHONE NUMBER [WORK]

 field of the PATIENT File

 FILES POINTED TO FIELDS

TELEPHONE COUNTRY CODE (#12.12) COUNTRY CODE [WORK] (#.1329)

DATA NAME GLOBAL DATA

ELEMENT TITLE LOCATION TYPE

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

2,.13201 CONFIDENTIAL COUNTRY CODE .132;10 POINTER TO TELEPHONE

 COUNTRY CODE FILE (#12.12)

 LAST EDITED: JUL 26, 2024

 HELP-PROMPT: Enter the country dialing code for

 CONFIDENTIAL PHONE NUMBER.

 DESCRIPTION: CONFIDENTIAL COUNTRY CODE is the

 international dialing code for

 CONFIDENTIAL PHONE NUMBER, Field (#.1315)

 from the PATIENT File (#2).

 FILES POINTED TO FIELDS

TELEPHONE COUNTRY CODE (#12.12) CONFIDENTIAL COUNTRY CODE (#.13201)

1. DG\*5.3\*1121 adds 5 new fields in the PATIENT file (#2) to accommodate storing the telephone number extensions.

DATA NAME GLOBAL DATA

ELEMENT TITLE LOCATION TYPE

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

2,.12117 TEMPORARY EXTENSION .121;17 FREE TEXT

 INPUT TRANSFORM: K:$L(X)>6!($L(X)<1)!'(X?.N) X

 MAXIMUM LENGTH: 6

 LAST EDITED: AUG 29, 2024

 HELP-PROMPT: Answer must be 1-6 digits in length.

 DESCRIPTION: TEMPORARY EXTENSION is the telephone

 extension for TEMPORARY PHONE NUMBER,

 Field (#.1219) from the PATIENT File (#2).

DATA NAME GLOBAL DATA

ELEMENT TITLE LOCATION TYPE

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

2,.13211 EXTENSION [RESIDENCE] .132;11 FREE TEXT

 INPUT TRANSFORM: K:$L(X)>6!($L(X)<1)!'(X?.N) X

 MAXIMUM LENGTH: 6

 LAST EDITED: AUG 29, 2024

 HELP-PROMPT: Answer must be 1-6 digits in length.

 DESCRIPTION: EXTENSION [RESIDENCE] is the telephone

 extension for PHONE NUMBER [RESIDENCE],

 Field (#.131) from the PATIENT File (#2).

DATA NAME GLOBAL DATA

ELEMENT TITLE LOCATION TYPE

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

2,.13212 EXTENSION [CELLULAR] .132;12 FREE TEXT

 INPUT TRANSFORM: K:$L(X)>6!($L(X)<1)!'(X?.N) X

 MAXIMUM LENGTH: 6

 LAST EDITED: AUG 29, 2024

 HELP-PROMPT: Answer must be 1-6 digits in length.

 DESCRIPTION: EXTENSION [CELLULAR] is the telephone

 extension for PHONE NUMBER [CELLULAR],

 Field (#.134) from the PATIENT File (#2).

DATA NAME GLOBAL DATA

ELEMENT TITLE LOCATION TYPE

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

2,.13213 EXTENSION [WORK] .132;13 FREE TEXT

 INPUT TRANSFORM: K:$L(X)>6!($L(X)<1)!'(X?.N) X

 MAXIMUM LENGTH: 6

 LAST EDITED: AUG 29, 2024

 HELP-PROMPT: Answer must be 1-6 digits in length.

 DESCRIPTION: EXTENSION [WORK] is the telephone

 extension for PHONE NUMBER [WORK] Field,

 (#.132) from the PATIENT File (#2).

 NOTES: TRIGGERED by the PHONE NUMBER [WORK]

 field of the PATIENT File

DATA NAME GLOBAL DATA

ELEMENT TITLE LOCATION TYPE

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

2,.13214 CONFIDENTIAL EXTENSION .132;14 FREE TEXT

 INPUT TRANSFORM: K:$L(X)>6!($L(X)<1)!'(X?.N) X

 MAXIMUM LENGTH: 6

 LAST EDITED: AUG 29, 2024

 HELP-PROMPT: Answer must be 1-6 digits in length.

 DESCRIPTION: CONFIDENTIAL EXTENSION is the

 telephone extension for the CONFIDENTIAL

 PHONE NUMBER, Field (#.1315) from the

 PATIENT File (#2).

1. Patch DG\*5.3\*1121 adds the PERSIAN GULF INDICATOR field (#.32117) and the PERSIAN GULF LAST CHANGE DATE field (#.32118) to the PATIENT file (#2). Both fields are not editable. The PERSIAN GULF LAST CHANGE DATE field is not displayed to the user and is for internal use only.

PERSIAN GULF INDICATOR (#.32117)

DATA NAME GLOBAL DATA

ELEMENT TITLE LOCATION TYPE

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

2,.32117 PERSIAN GULF INDICATOR .321;17 SET (BOOLEAN Data Type)

 LAST EDITED: AUG 19, 2024

 HELP-PROMPT: If the patient indicates deployment to

 the Persian Gulf, enter "YES". If the

 patient indicates there was no deployment

 to the Persian Gulf, enter "NO". Enter no

 response if deployment is unknown.

 DESCRIPTION: This field should be set to YES if the

 patient deployed to the Persian Gulf, NO

 if the patient did not deploy to the

 Persian Gulf or left blank if it is

 unknown. The Persian Gulf Indicator is

 entered and maintained by the VHA

 Enrollment System and shared with VistA

 via HL7 messaging. The field is not

 editable in VistA and is only shared so

 that it may be displayed to a VistA user

 along with the patient's other

 Environmental Factors.

 The Persian Gulf Indicator is stored

 internally as 1 for YES, 0 for NO and NULL

 for UNKNOWN.

 TECHNICAL DESCR: The Persian Gulf Indicator is stored

 internally as 1 for YES, 0 for No and NULL

 for UNKNOWN. It is entered and maintained

 by the VHA Enrollment System and shared

 with VistA via HL7 messaging.

 This field is UNEDITABLE.

 WRITE AUTHORITY: ^

PERSIAN GULF LAST CHANGE DATE (#.32118)

DATA NAME GLOBAL DATA

ELEMENT TITLE LOCATION TYPE

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

2,.32118 PERSIAN GULF LAST CHANGE DATE .321;18 DATE

 INPUT TRANSFORM: S %DT="E" D ^%DT S X=Y

 K:3991231<X!(2990802>X) X

 LAST EDITED: AUG 08, 2024

 HELP-PROMPT: Type a date between 8/2/1999 and

 12/31/2099.

 DESCRIPTION: This is the date that the Persian Gulf

 Indicator was last changed.

 TECHNICAL DESCR: The Persian Gulf Last Change Date is a

 record of when the Persian Gulf Indicator

 was last changed in the system. It is

 stored in the internal FileMan format.

 This field is not displayed on any VistA

 screens and is for internal reference

 only. It is maintained by the VHA

 Enrollment System and is shard with VistA

 via HL7 messaging.

 WRITE AUTHORITY: ^

1. DG\*5.3\*1121 adds two new triggers to PHONE NUMBER [WORK] field (#.132) of the PATIENT file (#2). These triggers delete the values in the EXTENSION [WORK] field (#.13213) and COUNTRY CODE [WORK] field (#.1329) of the PATIENT file (#2) when PHONE NUMBER [WORK] field is deleted.

DATA NAME GLOBAL DATA

ELEMENT TITLE LOCATION TYPE

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

2,.132 PHONE NUMBER [WORK] .13;2 FREE TEXT (audited)

 OFFICE PHONE

 INPUT TRANSFORM: K:$L(X)>20!($L(X)<4) X

 LAST EDITED: SEP 10, 2024

 HELP-PROMPT: If employed, enter the telephone number of

 this applicants place of employment [4-20

 characters].

 DESCRIPTION: Enter the office phone number [4-20

 characters] where this applicant can be

 reached while employed, if employed.

 AUDIT: YES, ALWAYS

 GROUP: PEMP

 CROSS-REFERENCE: 2^AENR132^MUMPS

 1)= D EVENT^IVMPLOG(DA)

 2)= D EVENT^IVMPLOG(DA)

 3)= DO NOT DELETE

 This cross-reference is used to notify HEC

 of changes that may affect enrollment.

 CROSS-REFERENCE: ^^TRIGGER^2^.1325

 1)= K DIV S DIV=X,D0=DA,DIV(0)=D0 S Y(1)=$

 S($D(^DPT(D0,.132)):^(.132),1:"") S X=$P(Y

 (1),U,5),X=X S DIU=X K Y S X=DIV S X=$G(DU

 Z) S DIH=$G(^DPT(DIV(0),.132)),DIV=X S $P(

 ^(.132),U,5)=DIV,DIH=2,DIG=.1325 D ^DICR

 2)= K DIV S DIV=X,D0=DA,DIV(0)=D0 S Y(1)=$

 S($D(^DPT(D0,.132)):^(.132),1:"") S X=$P(Y

 (1),U,5),X=X S DIU=X K Y S X=DIV S X=$G(DU

 Z) S DIH=$G(^DPT(DIV(0),.132)),DIV=X S $P(

 ^(.132),U,5)=DIV,DIH=2,DIG=.1325 D ^DICR

 CREATE VALUE)= S X=$G(DUZ)

 DELETE VALUE)= S X=$G(DUZ)

 FIELD)= PHONE [WORK] CHANGE USER

 This cross-reference will record the user

 who has just changed the patient's work

 phone number.

 CROSS-REFERENCE: ^^TRIGGER^2^.1326

 1)= K DIV S DIV=X,D0=DA,DIV(0)=D0 S Y(1)=$

 S($D(^DPT(D0,.132)):^(.132),1:"") S X=$P(Y

 (1),U,6),X=X S DIU=X K Y S X=DIV S X=$$NOW

 ^XLFDT() S DIH=$G(^DPT(DIV(0),.132)),DIV=X

 S $P(^(.132),U,6)=DIV,DIH=2,DIG=.1326 D ^

 DICR

 2)= K DIV S DIV=X,D0=DA,DIV(0)=D0 S Y(1)=$

 S($D(^DPT(D0,.132)):^(.132),1:"") S X=$P(Y

 (1),U,6),X=X S DIU=X K Y S X=DIV S X=$$NOW

 ^XLFDT() S DIH=$G(^DPT(DIV(0),.132)),DIV=X

 S $P(^(.132),U,6)=DIV,DIH=2,DIG=.1326 D ^

 DICR

 CREATE VALUE)= S X=$$NOW^XLFDT()

 DELETE VALUE)= S X=$$NOW^XLFDT()

 FIELD)= PHONE [WORK] CHANGE DT/TM

 This cross reference will update the PHONE

 [WORK] CHANGE DT/TM field with the current

 date and time stamp each time this field

 is changed.

 CROSS-REFERENCE: ^^TRIGGER^2^.1329

 1)= Q

 2)= K DIV S DIV=X,D0=DA,DIV(0)=D0 S Y(0)=X

 S Y(1)=$S($D(^DPT(D0,.13)):^(.13),1:"") S

 X=$P(Y(1),U,2)="" I X S X=DIV S Y(1)=$S($

 D(^DPT(D0,.132)):^(.132),1:"") S X=$P(Y(1)

 ,U,9),X=X S DIU=X K Y S X="" X ^DD(2,.132,

 1,4,2.4)

 2.4)= S DIH=$G(^DPT(DIV(0),.132)),DIV=X S

 $P(^(.132),U,9)=DIV,DIH=2,DIG=.1329 D ^DIC

 R

 CREATE VALUE)= NO EFFECT

 DELETE CONDITION)= PHONE NUMBER [WORK]=""

 DELETE VALUE)= @

 FIELD)= COUNTRY CODE [WORK]

 Trigger the deletion of COUNTRY CODE

 [WORK] whenever this field is deleted.

 CROSS-REFERENCE: ^^TRIGGER^2^.13213

 1)= Q

 2)= K DIV S DIV=X,D0=DA,DIV(0)=D0 S Y(0)=X

 S Y(1)=$S($D(^DPT(D0,.13)):^(.13),1:"") S

 X=$P(Y(1),U,2)="" I X S X=DIV S Y(1)=$S($

 D(^DPT(D0,.132)):^(.132),1:"") S X=$P(Y(1)

 ,U,13),X=X S DIU=X K Y S X="" X ^DD(2,.132

 ,1,5,2.4)

 2.4)= S DIH=$G(^DPT(DIV(0),.132)),DIV=X S

 $P(^(.132),U,13)=DIV,DIH=2,DIG=.13213 D ^D

 ICR

 CREATE VALUE)= NO EFFECT

 DELETE CONDITION)= PHONE NUMBER [WORK]=""

 DELETE VALUE)= @

 FIELD)= EXTENSION [WORK]

 Trigger the deletion of EXTENSION [WORK]

 whenver this field is deleted.

 CROSS-REFERENCE: 2^IVM132^MUMPS

 1)= S IVMX=X,X="IVMPXFR" X ^%ZOSF("TEST")

 D:$T DPT^IVMPXFR S X=IVMX K IVMX

 2)= S IVMX=X,X="IVMPXFR" X ^%ZOSF("TEST")

 D:$T DPT^IVMPXFR S X=IVMX K IVMX

 This cross-reference will check the IVM

 PATIENT file to see if a change to this

 field will require transmission to the IVM

 Center. If it does, the IVM PATIENT file

 entry's TRANSMISSION STATUS will be set to

 0 and the nightly background job will

 transmit the updated information.

 CROSS-REFERENCE: 2^AVAFC132^MUMPS

 1)= I ($T(AVAFC^VAFCDD01)'="") S VAFCF=".1

 32;" D AVAFC^VAFCDD01(DA)

 2)= I ($T(AVAFC^VAFCDD01)'="") S VAFCF=".1

 32;" D AVAFC^VAFCDD01(DA)

 This cross reference is used to remember

 that changes were made to the PATIENT file

 (#2) outside of the Registration process.

 Execution of this cross reference will

 create an entry in the ADT/HL7 PIVOT file

 (#391.71) and mark it as requiring

 transmission of an HL7 ADT-A08 message.

 The local variable VAFCFLG will be set to

 1 if the cross reference is not executed

 because the change is being made from

 within the Registration process.

 Execution of this cross reference can be

 prevented by setting the local variable

 VAFCA08 equal to 1.

 The local variable VAFCF is used to

 identify the field edited. This data is

 stored in the FIELD(S) EDITED (#2.1) field

 in the ADT/HL7 PIVOT file (#391.71).

 CROSS-REFERENCE: 2^ADGRU132^MUMPS

 1)= D:($T(ADGRU^DGRUDD01)'="") ADGRU^DGRUD

 D01(DA)

 2)= D:($T(ADGRU^DGRUDD01)'="") ADGRU^DGRUD

 D01(DA)

 This cross reference is used to remember

 that changes were made to a monitored data

 field in the PATIENT File (#2) required

 for a vendor RAI/MDS COTS system.

 Execution of this cross reference will

 create an entry in the ADT/HL7 PIVOT file

 (#391.71) and mark it as requiring

 transmission of an HL7 demographic A08

 update message to the COTS interface.

 The local variable DGRUGA08 will be set to

 1 if the cross reference is not to be

 executed as part of a re-indexing.

**SECTION 2: REGISTRATION SCREEN UPDATES**

1. Editing is no longer allowed on the APPLICANT/SPOUSE EMPLOYMENT DATA, SCREEN <4> screen:

 APPLICANT/SPOUSE EMPLOYMENT DATA, SCREEN <4>

DGPATIENT,ONE MMM DD,YYYY

###-##-#### NSC VETERAN

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

<1> Employer: ANY EMPLOYER I <2> Spouse's: ANY EMPLOYER II

 111 ANY STREET 333 ANY STREET

 ANN ARBOR,MI 48104 ANN ARBOR,MI 48104

 Phone: 555-222-1111 Phone: 555-222-3333

 Occupation: SECRETARY Occupation: SOFTWARE ENGINEER

<RET> to CONTINUE, ^N for screen N or '^' to QUIT:

Figure 1: APPLICANT/SPOUSE EMPLOYMENT DATA, SCREEN <4>

1. The Persian Gulf Data Group <7> is added as an uneditable field to the ENVIRONMENTAL FACTORS screen of the Environmental Factors Data Group <3> on the MILITARY SERVICE DATA SCREEN <6>. This field displays the PERSIAN GULF INDICATOR field (#.32117) of the PATIENT file (#2). If the field has no value, the default value of “UNKNOWN” is displayed.

DGPATIENT,ONE MMM DD, YYYY

###-##-#### NSC VETERAN

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

 \*\*\*\* ENVIRONMENTAL FACTORS \*\*\*\*

<1> A/O Exp.: Reg: Exam:

<2> ION Rad.: Reg: Method:

[3] SW Asia Cond: NO Reg: Exam:

[4] N/T Radium:

<5> Camp Lejeune:

<6> TERA: NO

<7> Persian Gulf: UNKNOWN

Only VES users may enter/edit Agent Orange, ION Radiation Exposure,

Toxic Exposure Risk Activity (TERA), or Persian Gulf.

SELECT AN ENVIRONMENTAL FACTOR (3-4) OR (Q)UIT: QUIT//

Figure 2: ENVIRONMENTAL FACTORS Screen

**SECTION 3: HL7 ORU/ORF-Z11 PROCESSING**

The fields below are added to the ZEL segment in the ORU/ORF Z11 HL7 message received from VES. The data from these fields is stored in the PERSIAN GULF DEPLOYMENT COHORT field (#.32117) and PERSIAN GULF LAST CHANGE DATE field (#.32118) of the PATIENT file (#2).

SEQ FIELD

--- -----

49 PERSIAN GULF INDICATOR

50 PERSIAN GULF LAST CHANGE DATE

**SECTION 4: HL7 ORU/ORF-Z07 PROCESSING**

1. The field below is added to the ZTA segment in the ORU/ORF-Z07 HL7 message. The data from the TEMPORARY COUNTRY CODE field (#.12116), TEMPORARY PHONE NUMBER field (#.1219), the TEMPORARY EXTENSION field (#.12117) of the PATIENT file (#2) is populated in the TEMPORARY ADDRESS INTERNATIONAL PHONE (Seq 10) of the ZTA segment of ORU/ORF-Z07 in the format of COUNTRY CODE~AREA CODE~PHONE NUMBER ~EXTENSION.

SEQ FIELD

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10 TEMPORARY ADDRESS INTERNATIONAL PHONE

 (COUNTRY CODE~AREA CODE~PHONE NUMBER~EXTENSION)

1. The 13th sequence of the PID segment in the ORU/ORF-Z07 HL7 message is modified to include components 5 through 8 to accommodate international phone numbers. These component values are retrieved from the PATIENT file (#2) and populated in Sequence 13 of the PID segment in the ORU/ORF-Z07 message. Below is the list of the 13th sequence components and their corresponding PATIENT file (#2) fields.

CATEGORY COMPONENT PATIENT file (#2) field

Confidential Country Code CONFIDENTIAL COUNTRY CODE field (#.13201)

Phone Area Code CONFIDENTIAL PHONE NUMBER field (#.1315)

 Phone Number CONFIDENTIAL PHONE NUMBER field (#.1315)

 Extension CONFIDENTIAL EXTENSION field (#.13214)

Residential Country Code COUNTRY CODE [RESIDENCE] field (#.1327)

Phone Area Code PHONE NUMBER [RESIDENCE] field (#.131)

 Phone Number PHONE NUMBER [RESIDENCE] field (#.131)

 Extension EXTENSION [RESIDENCE] field (#.13211)

Cellular Country Code COUNTRY CODE [CELLULAR] field (#.1328)

Phone Area Code PHONE NUMBER [CELLULAR] field (#.134)

 Phone Number PHONE NUMBER [CELLULAR] field (#.134)

 Extension EXTENSION [CELLULAR] field (#.13212)

Work Phone Country Code COUNTRY CODE [WORK] field (#.1329)

 Area Code PHONE NUMBER [WORK] field (#.132)

 Phone Number PHONE NUMBER [WORK] field (#.132)

 Extension EXTENSION [WORK] field (#.13213)

**SECTION 5: VADPT API & ICR MODIFICATIONS**

In support of external systems requiring access to the new PERSIAN GULF INDICATOR field (#.32117) and the PERSIAN GULF LAST CHANGE DATE field (#.32118) of the PATIENT file (#2), patch DG\*5.3\*1121 modifies the supported Integration Control Registration (ICR) #10061 for the Service data Application Programming Interface (API) in SVC^VADPT. The new PERSIAN GULF INDICATOR field (#.32117) is accessible in the (16) node of the array created by SVC^VADPT. The format of this field will be the internal and external values separated by a "^" character. The data in node 16 will be either "1^YES", "0^NO", or NULL. For example: VASV(16)="1^YES". The new PERSIAN GULF LAST CHANGE DATE field (#.32118) is accessible in the (17) node of the array created by SVC^VADPT, The format of the data will be null if there has been no change to the PERSIAN GULF INDICATOR with the internal and external values separated by a "^". For example: VASV(17)="3230629^JUN 29,2023"

The optional input variable VAHOW can be set to return the data in alpha subscripts. The PERSIAN GULF INDICATOR is returned in the "PGI" subscript. For example: VASV("PGI")="0^NO". The PERSIAN GULF LAST CHANGE DATE is returned in the "LCD" subscript. For example: VASV("LCD")="3230629^JUN 29,2023"

NOTE: For additional information on the SVC^VAPDT API, see the Patient Information Management System (PIMS) Technical Manual located on the Veterans Affairs (VA) Software Document Library.

Patch **IVM\*2.0\*215** makes the following modifications to VistA REE:

**SECTION 1: HL7 ORU/ORF-Z11 PROCESSING**

The fields below are added to the ZEL segment in the ORU/ORF Z11 HL7 message received from VES. The data from these fields are stored in the PERSIAN GULF INDICATOR field (#.32117) and PERSIAN GULF LAST CHANGE DATE field (#.32118) of the PATIENT file (#2).

SEQ FIELD

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 49 PERSIAN GULF INDICATOR

 50 PERSIAN GULF LAST CHANGE DATE

**SECTION 2: HL7 ORU/ORF-Z05 PROCESSING**

1. The field below is added to the ZTA segment in the ORU/ORF Z05 HL7 message received from VES. The data from this field are parsed and COUNTRY CODE is stored in the TEMPORARY COUNTRY CODE field (#.12116), AREA CODE and PHONE NUMBER are stored in the TEMPORARY PHONE NUMBER field (#.1219), and EXTENSION is stored in the TEMPORARY EXTENSION field (#.12117) of the PATIENT file (#2).

SEQ FIELD

 --- -----

 10 TEMPORARY ADDRESS INTERNATIONAL PHONE

 (COUNTRY CODE~AREA CODE~PHONE NUMBER~EXTENSION)

1. The 13th sequence of the PID segment in the ORU/ORF Z05 HL7 message is modified to include components 5 through 8 to accommodate international phone numbers. These components are parsed and stored in the below fields of the PATIENT file (#2).

CATEGORY COMPONENT PATIENT file (#2) field

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Confidential Country Code CONFIDENTIAL COUNTRY CODE field (#.13201)

Phone Area Code CONFIDENTIAL PHONE NUMBER field (#.1315)

 Phone Number CONFIDENTIAL PHONE NUMBER field (#.1315)

 Extension CONFIDENTIAL EXTENSION field (#.13214)

Residential Country Code COUNTRY CODE [RESIDENCE] field (#.1327)

Phone Area Code PHONE NUMBER [RESIDENCE] field (#.131)

 Phone Number PHONE NUMBER [RESIDENCE] field (#.131)

 Extension EXTENSION [RESIDENCE] field (#.13211)

Cellular Country Code COUNTRY CODE [CELLULAR] field (#.1328)

Phone Area Code PHONE NUMBER [CELLULAR] field (#.134)

 Phone Number PHONE NUMBER [CELLULAR] field (#.134)

 Extension EXTENSION [CELLULAR] field (#.13212)

Work Phone Country Code COUNTRY CODE [WORK] field (#.1329)

 Area Code PHONE NUMBER [WORK] field (#.132)

 Phone Number PHONE NUMBER [WORK] field (#.132)

 Extension EXTENSION [WORK] field (#.13213)

**SECTION 3: Add Records in IVM DEMOGRAPHIC UPLOAD FIELDS File (#301.92)**

Patch IVM\*2\*215 adds three new records to the IVM DEMOGRAPHIC UPLOAD FIELDS file (#301.92). New records will contain the following data:

NUMBER: 232 DHCP FIELD NAME: TEMPORARY COUNTRY CODE

 HL7 LOCATION: ZTA101 UPLOADABLE DEMOGRAPHIC FIELD: YES

 DHCP FILE: PATIENT DHCP FIELD NUMBER: .12116

 ADDRESS FIELD?: NO

 DHCP LOCATION LOGIC: S DR=.12116 D LOOK^IVMPREC9

 DHCP OUTPUT LOGIC: S DR=.12116 D LOOK^IVMPREC9

NUMBER: 233 DHCP FIELD NAME: TEMPORARY TELEPHONE

 HL7 LOCATION: ZTA102 UPLOADABLE DEMOGRAPHIC FIELD: YES

 DHCP FILE: PATIENT DHCP FIELD NUMBER: .1219

 TRANSFORM IVM DATA: NO ADDRESS FIELD?: NO

 DHCP LOCATION LOGIC: S DR=.1219 D LOOK^IVMPREC9

 DHCP OUTPUT LOGIC: S DR=.1219 D LOOK^IVMPREC9

NUMBER: 234 DHCP FIELD NAME: TEMPORARY EXTENSION

 HL7 LOCATION: ZTA104 UPLOADABLE DEMOGRAPHIC FIELD: YES

 DHCP FILE: PATIENT DHCP FIELD NUMBER: .12117

 ADDRESS FIELD?: NO

 DHCP LOCATION LOGIC: S DR=.12117 D LOOK^IVMPREC9

 DHCP OUTPUT LOGIC: S DR=.12117 D LOOK^IVMPREC9

### Defects and Fixes

Table 2 lists the defects and fixes and corresponding Jira identification numbers included in DG\_53\_P1121.KID.

Table 2: Defects and Fixes in DG\_53\_P1121.KID

| Jira ID | Summary |
| --- | --- |
| VES-44003 | **Defect**: Currently, VistA transmits the CONFIDENTIAL ADDRESS CHANGE USER field (#.14118) in the PATIENT file (#2) value in the RF1 segment of the ORU/ORF-Z07 HL7 message for change site to VES.**Fix**: IVM\*2.0\*215 updates VistA to transmit the CONFIDENTIAL ADDR CHANGE SITE field (#.14113) in the PATIENT file (#2) value in the RF1 segment of the ORU/ORF-Z07 HL7 message. |

### Known Issues

No known or open issues were identified in this release.

## Product Documentation

Documentation Title File Name

DG\_53\_P1121.KID Release Notes DG\_5\_3\_P1121\_RN.PDF
PIMS Version 5.3 Technical Manual PIMS\_TM.PDF
PIMS Version 5.3 User Manual - Registration Menu PIMS\_REG\_UM.PDF
IVM Version 2 Technical Manual IVM\_2\_TM.PDF

Refer to the Software and Documentation Retrieval Instructions section of the patch descriptions for information on obtaining the Host File DG\_53\_P1121.KID and related documentation.

Documentation can be found on the VA Software Documentation Library at: <http://www.va.gov/vdl/>.

Template Revision History

| Date | Version | Description | Author |
| --- | --- | --- | --- |
| July 2024 | 2.1 | Updated fonts to align with current OIT Documentation Standards and OIT Brand System, and to conform with current Section 508 guidelines | OIT Documentation Standards Committee |
| August 2019 | 2.0 | Updated to align with current OIT Documentation Standards and to conform with current Section 508 guidelines; revised to show new links | OIT Documentation Standards Committee |
| July 2016 | 1.1 | Updated instructional text to simplify content. | OIT Documentation Standards Committee |
| November 2015 | 1.0 | Initial draft | OIT Documentation Standards Committee |