

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 ELEMENT	NAME TITLE	GLOBAL LOCATION	DATA 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",SE(X,1,30),DA)="
                                2)= K ^DG(12.12,"B",SE(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):
```

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

DATA ELEMENT	NAME TITLE	GLOBAL LOCATION	DATA 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 ELEMENT	NAME TITLE	GLOBAL LOCATION	DATA 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 ELEMENT	NAME TITLE	GLOBAL LOCATION	DATA 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 ELEMENT	NAME TITLE	GLOBAL LOCATION	DATA 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 ELEMENT	NAME TITLE	GLOBAL LOCATION	DATA 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)		

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

DATA ELEMENT	NAME TITLE	GLOBAL LOCATION	DATA 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).	
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).	
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).	
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 ELEMENT	NAME TITLE	GLOBAL LOCATION	DATA 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).	

4. 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 ELEMENT	NAME TITLE	GLOBAL LOCATION	DATA 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 ELEMENT	NAME TITLE	GLOBAL LOCATION	DATA 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: ^

5. 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 ELEMENT	NAME TITLE	GLOBAL LOCATION	DATA 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(DUZ) 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(DUZ) 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)=\$(\$D(^DPT(D0,.13)):^(.13),1:"") S
X=\$P(Y(1),U,2)=" I X S X=DIV S Y(1)=\$(\$
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)=\$(\$D(^DPT(D0,.13)):^(.13),1:"") S
X=\$P(Y(1),U,2)=" I X S X=DIV S Y(1)=\$(\$
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]
whenever 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 VAFCF08 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>

- 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)

2. 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 Phone	Country Code	CONFIDENTIAL COUNTRY CODE field (#.13201)
	Area Code	CONFIDENTIAL PHONE NUMBER field (#.1315)
	Phone Number	CONFIDENTIAL PHONE NUMBER field (#.1315)
	Extension	CONFIDENTIAL EXTENSION field (#.13214)
Residential Phone	Country Code	COUNTRY CODE [RESIDENCE] field (#.1327)
	Area Code	PHONE NUMBER [RESIDENCE] field (#.131)
	Phone Number	PHONE NUMBER [RESIDENCE] field (#.131)
	Extension	EXTENSION [RESIDENCE] field (#.13211)
Cellular Phone	Country Code	COUNTRY CODE [CELLULAR] field (#.1328)
	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
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10	TEMPORARY ADDRESS INTERNATIONAL PHONE (COUNTRY CODE~AREA CODE~PHONE NUMBER~EXTENSION)

2. 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 Phone	Country Code	CONFIDENTIAL COUNTRY CODE field (#.13201)
	Area Code	CONFIDENTIAL PHONE NUMBER field (#.1315)
	Phone Number	CONFIDENTIAL PHONE NUMBER field (#.1315)
	Extension	CONFIDENTIAL EXTENSION field (#.13214)
Residential Phone	Country Code	COUNTRY CODE [RESIDENCE] field (#.1327)
	Area Code	PHONE NUMBER [RESIDENCE] field (#.131)
	Phone Number	PHONE NUMBER [RESIDENCE] field (#.131)
	Extension	EXTENSION [RESIDENCE] field (#.13211)
Cellular Phone	Country Code	COUNTRY CODE [CELLULAR] field (#.1328)
	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	<p>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.</p> <p>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.</p>

Known Issues

No known or open issues were identified in this release.

Product Documentation

<u>Documentation Title</u>	<u>File Name</u>
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