VistA Patch Display Page: 1

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

Run Date: JAN 22, 2018 Designation: IVM\*2\*164 TEST v1

Package : INCOME VERIFICATION MATCH Priority : MANDATORY

Version : 2 Status : UNDER DEVELOPMENT

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

Associated patches: (u)IVM\*2\*167 <<= must be installed BEFORE `IVM\*2\*164'

Subject: RESIDENTIAL ADDRESS, ADDRESS CHANGES, IVM DEMO UPLOAD TOOL ENHANCEMENT

Category: ROUTINE

ENHANCEMENT

OTHER

Description:

===========

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*DRAFT\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Patch IVM\*2.0\*164 is being released to support the enhancements for the

Enterprise Health Benefit Determination (EHBD) program that focuses on

updates for the Enrollment System Modernization (ESM) project, which

supports Enrollment System Community Care (ESCC).

IVM\*2.0\*164 is also being released in support of Enrollment System (ES)

5.1.0 release. Refer to Informational Patch EAS\*1.0\*151 (Enrollment

Application System) for additional details regarding the ES release.

IVM\*2.0\*164 patch is being released with DG\*5.3\*941 and EAS\*1.0\*151 in

Host File DG\_53\_P941\_V1.KID.

This patch makes the following enhancements to the Veterans Health

Information Systems and Technology Architecture (VistA):

This patch will modify VistA Health Level 7 (HL7) messaging.

VistA Registration will send and receive a new address type of

Residential Address to and from the Enrollment System (ES). This address

is used by Enrollment and Eligibility to retain the geographic residence

of an applicant or patient. It supports the Enrollement System

Community Care program's need to determine geographic distance from a

treatment facility.

For each address type, VistA Registration will also send and receive the

new "Coding Accuracy Support System (CASS) Certified" data element, which

is used to indicate whether or not the format of the address has been

verified by third party software.

The Income Verification Match (IVM) Demographic Upload Utility will

include the Permanent Mailing Address CASS Certified field.

Listing of Updates

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

1. With installation of this patch, VistA receives, stores, and displays

Residential Addresses sent by ES.

a. Address changes are received from ES via Z05 HL7 messages which now

includes the Residential Address in the PID segment.

b. Logic for Confidential Mailing Address now allows VistA to process

Confidential Mailing Address updates when ES is ready to send

them. Previously, when a Confidential Mailing Address was updated

in ES, a Z05 was sent to VistA, but "site number" logic prevented

the address changes from being processed on VistA. The impact of

this change will not be apparent until ES begins to send the

Confidential Mailing Addresses to VistA.

2. When VistA receives a Residential Address type on the Z05 HL7 message

from ES, VistA checks the Date/Time last updated:

a. If, and only if the incoming address is newer, the address is stored

on VistA.

b. If the incoming address on the Z05 is older, it is not stored.

c. No other validation is applicable to Residential Address types

during the Z05 upload.

3. The Z05 HL7 message from ES to VistA includes the new CASS Certified

field for Permanent Mailing, Temporary Mailing, Confidential Mailing,

and Residential Address types in the new ZAV Segment.

a. The new ZAV, Address Verification, segment will be included for

each address type included in the Z05 message.

4. The IVM Demographic Upload Utility is modified to include the

Permanent Mailing Address CASS Certified field.

a. When a Permanent Mailing Address is received from ES on the Z05, the

associated CASS Certified field will either be uploaded to the IVM

Demographic Upload Utility or directly to the PATIENT (#2) file

based on the existing rules for processing a Permanent Mailing

Address.

5. The following menu options allow a Registration user to view, add or

update the Residential Address. If any Residential address field is

added or updated, the system will send the change to ES via the Z07 HL7

message. The new ZAV, Address Verification, segment will be included

for each address type included in the Z05 message.

Load/Edit Patient Data [DG LOAD PATIENT DATA]

Patient Inquiry [DG PATIENT INQUIRY]

Preregister A Patient [DGPRE PRE-REGISTER OPTION]

Eligibility Verification [DG ELIGIBILITY VERIFICATION]

View Registration Data [DG REGISTRATION VIEW]

Register A Patient [DG REGISTER PATIENT]

Address Update [DG ADDRESS UPDATE]

Admit A Patient [DG ADMIT PATIENT]

Patch Components

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

Files & Fields Associated:

File Name (Number) Field Name (Number) New/Modified/Deleted

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

N/A

Forms Associated:

Form Name File # New/Modified/Deleted

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

N/A

Mail Groups Associated:

Mail Group Name New/Modified/Deleted

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

N/A

Options Associated:

Option Name Type New/Modified/Deleted

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

N/A

Protocols Associated:

Protocol Name New/Modified/Deleted

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

N/A

Security Keys Associated:

Security Key Name

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

N/A

Templates Associated:

Template Name Type File Name (Number) New/Modified/Deleted

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

N/A

Additional Information:

N/A

New Service Requests (NSRs):

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

N/A

Patient Safety Issues (PSIs):

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

N/A

Defect Tracking System Ticket(s) & Overview:

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

N/A

Problem:

-------

N/A

Resolution:

----------

N/A

Test Sites:

----------

TBD

Software and Documentation Retrieval Instructions:

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

Patches for this installation are combined in a host file for

distribution: DG\_53\_P941\_V1.KID. The host file was created to simplify

installation at Veterans Health Administration (VHA) facilities. This

file can be obtained from one of the anonymous SFTP directories.

File Name Contents Retrieval Format

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

DG\_53\_P941\_V1.KID DG\*5.3\*941 ASCII

IVM\*2.0\*164

EAS\*2.0\*151

Updated documentation describing the new functionality introduced by this

patch is available.

The preferred method is to retrieve files from :DNS.URL.

This transmits the files from the first available server. Sites may

also elect to retrieve files directly from a specific server.

Sites may retrieve the software and/or documentation directly using

Secure File Transfer Protocol (SFTP) from the ANONYMOUS.SOFTWARE

directory at the following OI Field Offices:

Hines: :DNS.URL

Salt Lake City: :DNS.URL

Documentation can also be found on the VA Software Documentation

Library at: http://:DNS.URL/

Title File Name SFTP Mode

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

IVM Technical Manual IVM\_2\_164\_TM.PDF (binary)

IVM User Manual IVM\_2\_164\_UM.PDF (binary)

Patch Installation:

Pre/Post Installation Overview:

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

The post install process will run routine IVM2164P to add new enries

listed in Post-Install Instructions section to the IVM DEMOGRAPHIC UPLOAD

FIELDS (#301.92) file. If an entry already exists, it will be deleted

and recreated with new data elements.

Pre-Installation Instructions

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

N/A

Installation Instructions

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

Please see the Patch Description for patch DG\*5.3\*941 for installation

instructions.

Post-Installation Instructions

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

The post-install routine, IVM2164P, delivered with this patch, will add

thirty one new records to the IVM DEMOGRAPHIC UPLOAD FIELDS file

(#301.92). If records already exists, IVM2164P deletes them and then

adds records with new data elements. The new records will contain the

following data at the completion of the post-install process:

DHCP FIELD NAME: STREET ADDRESS CASS

HL7 LOCATION: ZAV03 UPLOADABLE DEMOGRAPHIC FIELD: YES

DHCP FILE: PATIENT DHCP FIELD NUMBER: .123

TRANSFORM IVM DATA: YES TRANSFORM DHCP DATA: YES

ADDRESS FIELD?: NO

DHCP LOCATION LOGIC: S DR=.123 D LOOK^IVMPREC9

DHCP OUTPUT LOGIC: S DR=.123 D LOOK^IVMPREC9

DHCP FIELD NAME: TEMPORARY ADDR CASS

HL7 LOCATION: ZAV04 UPLOADABLE DEMOGRAPHIC FIELD: YES

DHCP FILE: PATIENT DHCP FIELD NUMBER: .12115

TRANSFORM IVM DATA: YES TRANSFORM DHCP DATA: YES

ADDRESS FIELD?: NO

DHCP LOCATION LOGIC: S DR=.12115 D LOOK^IVMPREC9

DHCP OUTPUT LOGIC: S DR=.12115 D LOOK^IVMPREC9

DHCP FIELD NAME: CONFIDENTIAL ADDR CASS

HL7 LOCATION: ZAV02 UPLOADABLE DEMOGRAPHIC FIELD: YES

DHCP FILE: PATIENT DHCP FIELD NUMBER: .14117

TRANSFORM IVM DATA: YES TRANSFORM DHCP DATA: YES

ADDRESS FIELD?: NO

DHCP LOCATION LOGIC: S DR=.14117 D LOOK^IVMPREC9

DHCP OUTPUT LOGIC: S DR=.14117 D LOOK^IVMPREC9

DHCP FIELD NAME: RESIDENTIAL ADDR CASS

HL7 LOCATION: ZAV01 UPLOADABLE DEMOGRAPHIC FIELD: YES

DHCP FILE: PATIENT DHCP FIELD NUMBER: .1159

TRANSFORM IVM DATA: YES TRANSFORM DHCP DATA: YES

ADDRESS FIELD?: NO

DHCP LOCATION LOGIC: S DR=.1159 D LOOK^IVMPREC9

DHCP OUTPUT LOGIC: S DR=.1159 D LOOK^IVMPREC9

DHCP FIELD NAME: CONFIDENTIAL STREET [LINE 1]

HL7 LOCATION: PID111C UPLOADABLE DEMOGRAPHIC FIELD: YES

DHCP FILE: PATIENT DHCP FIELD NUMBER: .1411

TRANSFORM IVM DATA: YES TRANSFORM DHCP DATA: YES

ADDRESS FIELD?: NO

DHCP LOCATION LOGIC: S DR=.1411 D LOOK^IVMPREC9

DHCP OUTPUT LOGIC: S DR=.1411 D LOOK^IVMPREC9

DHCP FIELD NAME: CONFIDENTIAL STREET [LINE 2]

HL7 LOCATION: PID112C UPLOADABLE DEMOGRAPHIC FIELD: YES

DHCP FILE: PATIENT DHCP FIELD NUMBER: .1412

TRANSFORM IVM DATA: YES TRANSFORM DHCP DATA: YES

ADDRESS FIELD?: NO

DHCP LOCATION LOGIC: S DR=.1411 D LOOK^IVMPREC9

DHCP OUTPUT LOGIC: S DR=.1411 D LOOK^IVMPREC9

DHCP FIELD NAME: CONFIDENTIAL STREET [LINE 3]

HL7 LOCATION: PID118C UPLOADABLE DEMOGRAPHIC FIELD: YES

DHCP FILE: PATIENT DHCP FIELD NUMBER: .1413

TRANSFORM IVM DATA: YES TRANSFORM DHCP DATA: YES

ADDRESS FIELD?: NO

DHCP LOCATION LOGIC: S DR=.1413 D LOOK^IVMPREC9

DHCP OUTPUT LOGIC: S DR=.1413 D LOOK^IVMPREC9

DHCP FIELD NAME: CONFIDENTIAL ADDRESS CITY

HL7 LOCATION: PID113C UPLOADABLE DEMOGRAPHIC FIELD: YES

DHCP FILE: PATIENT DHCP FIELD NUMBER: .1414

TRANSFORM IVM DATA: YES TRANSFORM DHCP DATA: YES

ADDRESS FIELD?: NO

DHCP LOCATION LOGIC: S DR=.1414 D LOOK^IVMPREC9

DHCP OUTPUT LOGIC: S DR=.1414 D LOOK^IVMPREC9

DHCP FIELD NAME: CONFIDENTIAL ADDRESS STATE

HL7 LOCATION: PID114C UPLOADABLE DEMOGRAPHIC FIELD: YES

DHCP FILE: PATIENT DHCP FIELD NUMBER: .1415

TRANSFORM IVM DATA: YES TRANSFORM DHCP DATA: YES

ADDRESS FIELD?: NO

DHCP LOCATION LOGIC: S DR=.1415 D LOOK^IVMPREC9

DHCP OUTPUT LOGIC: S DR=.1415 D LOOK^IVMPREC9

DHCP FIELD NAME: CONFIDENTIAL ADDRESS ZIP CODE

HL7 LOCATION: PID115C UPLOADABLE DEMOGRAPHIC FIELD: YES

DHCP FILE: PATIENT DHCP FIELD NUMBER: .1416

TRANSFORM IVM DATA: YES TRANSFORM DHCP DATA: YES

ADDRESS FIELD?: NO

DHCP LOCATION LOGIC: S DR=.1416 D LOOK^IVMPREC9

DHCP OUTPUT LOGIC: S DR=.1416 D LOOK^IVMPREC9

DHCP FIELD NAME: CONFIDENTIAL ADDRESS COUNTRY

HL7 LOCATION: PID116C UPLOADABLE DEMOGRAPHIC FIELD: YES

DHCP FILE: PATIENT DHCP FIELD NUMBER: .14116

TRANSFORM IVM DATA: YES TRANSFORM DHCP DATA: YES

ADDRESS FIELD?: NO

DHCP LOCATION LOGIC: S DR=.14116 D LOOK^IVMPREC9

DHCP OUTPUT LOGIC: S DR=.14116 D LOOK^IVMPREC9

DHCP FIELD NAME: CONFIDENTIAL ADDRESS PROVINC

HL7 LOCATION: PID114CF UPLOADABLE DEMOGRAPHIC FIELD: YES

DHCP FILE: PATIENT DHCP FIELD NUMBER: .14114

TRANSFORM IVM DATA: YES TRANSFORM DHCP DATA: YES

ADDRESS FIELD?: NO

DHCP LOCATION LOGIC: S DR=.14114 D LOOK^IVMPREC9

DHCP OUTPUT LOGIC: S DR=.14114 D LOOK^IVMPREC9

DHCP FIELD NAME: CONFIDENTIAL ADDRESS POSTAL CODE

HL7 LOCATION: PID115CF UPLOADABLE DEMOGRAPHIC FIELD: YES

DHCP FILE: PATIENT DHCP FIELD NUMBER: .14115

TRANSFORM IVM DATA: YES TRANSFORM DHCP DATA: YES

ADDRESS FIELD?: NO

DHCP LOCATION LOGIC: S DR=.14115 D LOOK^IVMPREC9

DHCP OUTPUT LOGIC: S DR=.14115 D LOOK^IVMPREC9

DHCP FIELD NAME: CONFIDENTIAL ADDRESS COUNTY

HL7 LOCATION: PID12C UPLOADABLE DEMOGRAPHIC FIELD: YES

DHCP FILE: PATIENT DHCP FIELD NUMBER: .14111

TRANSFORM IVM DATA: YES TRANSFORM DHCP DATA: YES

ADDRESS FIELD?: NO

DHCP LOCATION LOGIC: S DR=.14111 D LOOK^IVMPREC9

DHCP OUTPUT LOGIC: S DR=.14111 D LOOK^IVMPREC9

DHCP FIELD NAME: CONFIDENTIAL ADDRESS CHANGE DT/TM

HL7 LOCATION: RF171CA UPLOADABLE DEMOGRAPHIC FIELD: YES

DHCP FILE: PATIENT DHCP FIELD NUMBER: .14112

TRANSFORM IVM DATA: YES TRANSFORM DHCP DATA: YES

ADDRESS FIELD?: NO

DHCP LOCATION LOGIC: S DR=.14112 D LOOK^IVMPREC9

DHCP OUTPUT LOGIC: S DR=.14112 D LOOK^IVMPREC9

DHCP FIELD NAME: CONFIDENTIAL ADDRESS CHANGE SITE

HL7 LOCATION: RF161CA UPLOADABLE DEMOGRAPHIC FIELD: YES

DHCP FILE: PATIENT DHCP FIELD NUMBER: .14113

TRANSFORM IVM DATA: YES TRANSFORM DHCP DATA: YES

ADDRESS FIELD?: NO

DHCP LOCATION LOGIC: S DR=.14113 D LOOK^IVMPREC9

DHCP OUTPUT LOGIC: S DR=.14113 D LOOK^IVMPREC9

DHCP FIELD NAME: CONFIDENTIAL PHONE NUMBER

HL7 LOCATION: PID113C UPLOADABLE DEMOGRAPHIC FIELD: YES

DHCP FILE: PATIENT DHCP FIELD NUMBER: .1315

TRANSFORM IVM DATA: YES TRANSFORM DHCP DATA: YES

ADDRESS FIELD?: NO

DHCP LOCATION LOGIC: S DR=.1315 D LOOK^IVMPREC9

DHCP OUTPUT LOGIC: S DR=.1315 D LOOK^IVMPREC9

DHCP FIELD NAME: CONFIDENTIAL START DATE

HL7 LOCATION: PID119C UPLOADABLE DEMOGRAPHIC FIELD: YES

DHCP FILE: PATIENT DHCP FIELD NUMBER: .1417

TRANSFORM IVM DATA: YES TRANSFORM DHCP DATA: YES

ADDRESS FIELD?: NO

DHCP LOCATION LOGIC: S DR=.1417 D LOOK^IVMPREC9

DHCP OUTPUT LOGIC: S DR=.1417 D LOOK^IVMPREC9

DHCP FIELD NAME: CONFIDENTIAL END DATE

HL7 LOCATION: PID1110 UPLOADABLE DEMOGRAPHIC FIELD: YES

DHCP FILE: PATIENT DHCP FIELD NUMBER: .1418

TRANSFORM IVM DATA: YES TRANSFORM DHCP DATA: YES

ADDRESS FIELD?: NO

DHCP LOCATION LOGIC: S DR=.1418 D LOOK^IVMPREC9

DHCP OUTPUT LOGIC: S DR=.1418 D LOOK^IVMPREC9

DHCP FIELD NAME: RESIDENTIAL STREET [LINE 1]

HL7 LOCATION: PID111R UPLOADABLE DEMOGRAPHIC FIELD: YES

DHCP FILE: PATIENT DHCP FIELD NUMBER: .1151

TRANSFORM IVM DATA: YES TRANSFORM DHCP DATA: YES

ADDRESS FIELD?: NO

DHCP LOCATION LOGIC: S DR=.1151 D LOOK^IVMPREC9

DHCP OUTPUT LOGIC: S DR=.1151 D LOOK^IVMPREC9

DHCP FIELD NAME: RESIDENTIAL STREET [LINE 2]

HL7 LOCATION: PID112R UPLOADABLE DEMOGRAPHIC FIELD: YES

DHCP FILE: PATIENT DHCP FIELD NUMBER: .1152

TRANSFORM IVM DATA: YES TRANSFORM DHCP DATA: YES

ADDRESS FIELD?: NO

DHCP LOCATION LOGIC: S DR=.1152 D LOOK^IVMPREC9

DHCP OUTPUT LOGIC: S DR=.1152 D LOOK^IVMPREC9

DHCP FIELD NAME: RESIDENTIAL STREET [LINE 3]

HL7 LOCATION: PID118R UPLOADABLE DEMOGRAPHIC FIELD: YES

DHCP FILE: PATIENT DHCP FIELD NUMBER: .1153

TRANSFORM IVM DATA: YES TRANSFORM DHCP DATA: YES

ADDRESS FIELD?: NO

DHCP LOCATION LOGIC: S DR=.1153 D LOOK^IVMPREC9

DHCP OUTPUT LOGIC: S DR=.1153 D LOOK^IVMPREC9

DHCP FIELD NAME: RESIDENTIAL ADDRESS CITY

HL7 LOCATION: PID113R UPLOADABLE DEMOGRAPHIC FIELD: YES

DHCP FILE: PATIENT DHCP FIELD NUMBER: .1154

TRANSFORM IVM DATA: YES TRANSFORM DHCP DATA: YES

ADDRESS FIELD?: NO

DHCP LOCATION LOGIC: S DR=.1154 D LOOK^IVMPREC9

DHCP OUTPUT LOGIC: S DR=.1154 D LOOK^IVMPREC9

DHCP FIELD NAME: RESIDENTIAL ADDRESS STATE

HL7 LOCATION: PID114R UPLOADABLE DEMOGRAPHIC FIELD: YES

DHCP FILE: PATIENT DHCP FIELD NUMBER: .1155

TRANSFORM IVM DATA: YES TRANSFORM DHCP DATA: YES

ADDRESS FIELD?: NO

DHCP LOCATION LOGIC: S DR=.1155 D LOOK^IVMPREC9

DHCP OUTPUT LOGIC: S DR=.1155 D LOOK^IVMPREC9

DHCP FIELD NAME: RESIDENTIAL ADDRESS ZIP CODE

HL7 LOCATION: PID115R UPLOADABLE DEMOGRAPHIC FIELD: YES

DHCP FILE: PATIENT DHCP FIELD NUMBER: .1156

TRANSFORM IVM DATA: YES TRANSFORM DHCP DATA: YES

ADDRESS FIELD?: NO

DHCP LOCATION LOGIC: S DR=.1156 D LOOK^IVMPREC9

DHCP OUTPUT LOGIC: S DR=.1156 D LOOK^IVMPREC9

DHCP FIELD NAME: RESIDENTIAL ADDRESS COUNTRY

HL7 LOCATION: PID116R UPLOADABLE DEMOGRAPHIC FIELD: YES

DHCP FILE: PATIENT DHCP FIELD NUMBER: .11573

TRANSFORM IVM DATA: YES TRANSFORM DHCP DATA: YES

ADDRESS FIELD?: NO

DHCP LOCATION LOGIC: S DR=.11573 D LOOK^IVMPREC9

DHCP OUTPUT LOGIC: S DR=.11573 D LOOK^IVMPREC9

DHCP FIELD NAME: RESIDENTIAL ADDRESS PROVINC

HL7 LOCATION: PID114RF UPLOADABLE DEMOGRAPHIC FIELD: YES

DHCP FILE: PATIENT DHCP FIELD NUMBER: .11571

TRANSFORM IVM DATA: YES TRANSFORM DHCP DATA: YES

ADDRESS FIELD?: NO

DHCP LOCATION LOGIC: S DR=.11571 D LOOK^IVMPREC9

DHCP OUTPUT LOGIC: S DR=.11571 D LOOK^IVMPREC9

DHCP FIELD NAME: RESIDENTIAL ADDRESS POSTAL CODE

HL7 LOCATION: PID115RF UPLOADABLE DEMOGRAPHIC FIELD: YES

DHCP FILE: PATIENT DHCP FIELD NUMBER: .11572

TRANSFORM IVM DATA: YES TRANSFORM DHCP DATA: YES

ADDRESS FIELD?: NO

DHCP LOCATION LOGIC: S DR=.11572 D LOOK^IVMPREC9

DHCP OUTPUT LOGIC: S DR=.11572 D LOOK^IVMPREC9

DHCP FIELD NAME: RESIDENTIAL ADDRESS COUNTY

HL7 LOCATION: PID12R UPLOADABLE DEMOGRAPHIC FIELD: YES

DHCP FILE: PATIENT DHCP FIELD NUMBER: .1157

TRANSFORM IVM DATA: YES TRANSFORM DHCP DATA: YES

ADDRESS FIELD?: NO

DHCP LOCATION LOGIC: S DR=.1157 D LOOK^IVMPREC9

DHCP OUTPUT LOGIC: S DR=.1157 D LOOK^IVMPREC9

DHCP FIELD NAME: RESIDENTIAL ADDRESS CHANGE DT/TM

HL7 LOCATION: RF171RA UPLOADABLE DEMOGRAPHIC FIELD: YES

DHCP FILE: PATIENT DHCP FIELD NUMBER: .1158

TRANSFORM IVM DATA: YES TRANSFORM DHCP DATA: YES

ADDRESS FIELD?: NO

DHCP LOCATION LOGIC: S DR=.1158 D LOOK^IVMPREC9

DHCP OUTPUT LOGIC: S DR=.1158 D LOOK^IVMPREC9

DHCP FIELD NAME: RESIDENTIAL ADDRESS CHANGE SITE

HL7 LOCATION: RF161RA UPLOADABLE DEMOGRAPHIC FIELD: YES

DHCP FILE: PATIENT DHCP FIELD NUMBER: .14114

TRANSFORM IVM DATA: YES TRANSFORM DHCP DATA: YES

ADDRESS FIELD?: NO

DHCP LOCATION LOGIC: S DR=.14114 D LOOK^IVMPREC9

DHCP OUTPUT LOGIC: S DR=.14114 D LOOK^IVMPREC9

The post-install routine, IVM2164P, should be manually deleted from

your system using the KERNEL option Delete Routines [XTRDEL] upon

completion of the installation.

Back-Out Plan:

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

The new entries listed in Post-Installation Instructions need to be

deleted manually using FileMan option ENTER OR EDIT FILE ENTRIES. Backup

message would need to be installed to replace the routines back to old

state.

Routine Information:

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

The second line of each of these routines now looks like:

;;2.0;INCOME VERIFICATION MATCH;\*\*[Patch List]\*\*;21-OCT-94;Build 17

The checksums below are new checksums, and

can be checked with CHECK1^XTSUMBLD.

Routine Name: IVM2164P

Before: n/a After: B50615820 \*\*164\*\*

Routine Name: IVMPREC6

Before:B147873748 After:B179144635 \*\*3,4,12,17,34,58,79,102,115,

140,144,121,151,152,165,167,

164\*\*

Routine Name: IVMPREC8

Before:B233047174 After:B280474456 \*\*5,6,12,58,73,79,102,115,121,

148,151,152,168,167,164\*\*

Routine Name: IVMPRECA

Before: B87632745 After: B91831777 \*\*5,6,12,34,58,56,115,144,121,

151,145,164\*\*

Routine Name: IVMPTRN8

Before: B79090653 After: B91076802 \*\*9,11,19,12,21,17,24,36,37,

47,48,42,34,77,76,75,79,85,89,

98,56,97,104,113,109,114,105,

115,121,151,141,150,160,161,

168,167,164\*\*

Routine Name: IVMPTRN9

Before: B53734874 After: B54344683 \*\*9,11,19,12,21,17,46,50,53,

34,49,58,79,99,116,105,115,152,

160,164\*\*

Routine Name: IVMPTRNA

Before: B15638011 After: B16817717 \*\*46,58,76,105,152,164\*\*

Routine list of preceding patches: 145, 167

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

User Information:

Entered By : THAYER,CHRISTOPHER Date Entered : FEB 6,2017

Completed By: Date Completed:

Released By : Date Released :

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