



**MEANS TEST SHARING
(MTS)**

**HEALTH ELIGIBILITY CENTER (HEC)
MODULE**

IVMB*2*395

September 1999

Department of Veterans Affairs
VISTA Technical Services

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Introduction

Background

Means Test Sharing (MTS) is the first phase in implementing a full Centralized Means Testing (CMT) process within VA. This is new functionality designed to make completion of the Means Test and Copay Exemption Tests easier on the veteran, and more timely for the VAMCs that need a completed Means Test for billing and workload purposes.

The MTS phase involves the Health Eligibility Center (HEC)'s uploading Means Tests and Copay Exemption Tests into the databases at local VAMCs wherever the veteran has been seen. One or the other of these tests will be flagged as the Primary Test for the year. This will be transparent to the software's users, as uploads will be batched nightly and broadcast to the VAMCs as an HL7 background job by the HEC whenever a test is completed at another VAMC. Notification of the uploads will be sent to a mail group.

In addition to the nightly uploads, VAMCs may query the HEC database for individual Means Tests to see if one is already on file OR if one was done for a future date in anticipation of its being due. If a test is on file with the HEC, the VAMCs can request the download into their local files, even if the Means Test has a future date assigned to it.

About This Module

This module was produced in lieu of replacement pages to the DCD User and Technical Manuals, and is intended for use as a supplement to these manuals.

Installation Guide / Release Notes

No formal Installation Guide or Release Notes are being released with Patch IVMB*2*395. Detailed installation instructions and detailed information about enhancements to the DCD software are provided in the patch description. The complete patch description is available in the National Patch Module (NPM) on FORUM. For your convenience, a copy of the Software Installation Instructions section of the IVMB*2*395 patch description is in Appendix A of this module.

User Manual Updates

Contract Representative Changes

- When a HEC Contact Representative completes a test, that test will be shared with all VAMCs on record as having been visited by the veteran.
- When a HEC Contact Representative corrects a Primary Means Test or a Copay Exemption Test (Income Screen test), the modified test will be shared with all VAMCs on record as having been visited by the veteran.
- When a Contact Representative completes the edit of a DCD test and closes the test, the test will be checked to see if it is the Primary Test. If the test is determined to be the Primary Test, it will be transmitted on the date of closure instead of the Centralized Anniversary Date.

Technical Manual Updates

Modified Options

IVMD BATCH TRANSMISSIONS JOB

Menu Text: Transmit Batch Financial (ORU~Z10) Updates (formerly Transmit DCD Daily Workload (ORU~Z10))

A separation time parameter can be defined to prevent a VAMC from being inundated with too many transmissions in a short period of time. Currently this time is set at 120 seconds. HEC has the capability to change this time by editing the IVMD BATCH TRANSMISSIONS JOB option. The ROUTINE field can be edited to change the existing parameter from BUILD^IVMDZ10U(120) to the desired separation time (by changing 120 to another value).

The process will now send one batch of up to 100 records to each VAMC (in sequential site number order), then start over rather than processing all records from a given VAMC before processing the next VAMC's data. This will enable the process to more efficiently transmit data to the VAMCs.

The financial unsolicited transmission job can be gracefully stopped by using the TBOX TaskMan User [XUTM USER] option, "Stop task", and entering the TaskMan job number.

Files

New Files

| File Number | File Name | Description |
|--------------------|----------------------------|---|
| 742200 | INCOME TEST EXCEPTION | This file contains the exceptions which occur when the Means Test transmissions to the medical centers do not pass the consistency checks and are rejected. |
| 742200.1 | INCOME TEST EXCEPTION TYPE | This file contains the exception types which are returned from the medical centers when Means Test data is transmitted and doesn't pass the consistency checks. |
| 742201 | INCOME TEST AUDIT | This file tracks updates/changes made to a veterans Primary Means Test, the Primary RX Co-Pay Test or Hardship data for Audit purposes. |
| 742201.1 | INCOME TEST AUDIT TYPE | This files contains the audit types which are created based on primary Means Test, primary RX co-pay test, or hardship data updates or changes. |

New Files (continued)

| <i>File Number</i> | <i>File Name</i> | <i>Description</i> |
|--------------------|------------------------|--|
| 742202 | IVMDZ10U STATISTICS | This file will keep track of the performance of the IVMDZ10U Unsolicited financial (Z10) transmissions. It tracks each task job, start time, end time, status, and entries sent to each VAMC. Use VA FileMan to view the entries in this file. When the Financial (Z10) Unsolicited process is run, it will purge all entries that are over 365 days old. If there hasn't been a job successfully completed in 3 days, an email notification will be sent to the IVMDZ10U TRANSMISSION mail group. |

Modified Files

| <i>File Number</i> | <i>File Name</i> | <i>Description of Enhancements / Modifications</i> |
|--------------------|--|---|
| 300.123 | IVM MASTER CLIENT sub-file on the IVM MASTER CLIENT file (#300.12) | The following fields are added: <ul style="list-style-type: none"> • PRIMARY MEANS TEST (#11) • PRIMARY RX CO-PAY TEST (#12) • TRANSMIT TEST TO SITES (#13) • HARDSHIP EFFECTIVE DATE (#14) • HARDSHIP REVIEW DATE (#15) • HARDSHIP REVIEW SITE (#16) • DELETE TEST (#17) • DELETE HARDSHIP (#18) • EFFECTIVE TEST DATE (#19) • EFFECTIVE DT/TM COMPLETED (#20) • CAD ADJUSTED (#21) |
| 301.1 | DCD FINANCIAL/INCOME TEST DATA | The following cross-reference is added: "AP" cross reference on the MASTER ID field (#1) The following new fields are added: <ul style="list-style-type: none"> • HARDSHIP EFFECTIVE DATE (#132) • SITE CONDUCTING TEST (#133) • DT/TM TEST LAST EDITED (#134) • TEST DETERMINED STATUS (#135) |
| 300.1 | IVM FACILITY | The following field is added: OK TO SEND Z10 ORU (#26) |
| | | |

Routines

Refer to the IVMB*2*395 patch description for a list of the routines included in this patch.

Take the following steps to obtain a list of DCD routines:

1. Programmer Options Menu
2. Routine Tools Menu
3. First Line Routine Print Option
4. Routine Selector: **IVMD***

New Mail Group

IVMDZ10U TRANSMISSION

Used to send a notification that a successful Financial Unsolicited (Z10) process hasn't run in the last 3 days. HEC technical staff will need to add individuals responsible for monitoring Financial (Z10) Unsolicited transmissions to this mail group.

Appendix A – Installation Instructions

The following is a copy of Installation Instructions section of patch IVMB*2*395.

INSTALLATION INSTRUCTIONS:
=====

It is recommended this patch be installed outside of normal business hours to avoid any complications resulting from users on the system. Installation will take less than 5 minutes.

1. Place TaskMan in a 'Wait State' prior to starting installation of this patch. This is to prevent HL7 message traffic from being lost. Normally scheduled TaskMan jobs should be reviewed and those scheduled to run during the installation should be rescheduled. Specifically (but not exclusively) the following scheduled options should be reviewed so that installation of this patch does not coincide with execution of these background jobs. These jobs should be rescheduled to run outside of the installation time, as necessary.

```
Transmit DCD Daily Workload (ORU~Z10)    [IVMD BATCH TRANSMISSIONS JOB]
Initial Letter and IAW                    [IVMD INITIAL LTR
AND IAW]
DCD Status Update                        [I VMD STATUS UPDATE]
Auto-Generate Suspense Follow-Up Letter [IVMDL2A]
```

2. Use the INSTALL/CHECK MESSAGE option on the PackMan menu.
3. Review your mapped set. If any of the routines listed in the ROUTINE SUMMARY section are mapped, they should be removed from the mapped set at this time.
4. From the Kernel Installation and Distribution System Menu, select the Installation menu.
5. From this menu, you may elect to use the following options (when prompted for INSTALL NAME, enter IVMB*2.0*395):
 - a. Backup a Transport Global - this option will create a backup message of any routines exported with the patch. It will NOT backup any other changes such as DDs or templates.
 - b. Compare Transport Global to Current System - this option will allow you to view all changes that will be made when the patch is installed. It compares all components of the patch (routines, DDs, templates, etc.).
 - c. Verify Checksums in Transport Global - this option will allow you to ensure the integrity of the routines that are in the transport global.
6. Use the Install Package(s) option and select the package IVMB*2.0*395.

7. When prompted 'Want to DISABLE Scheduled Options, Menu Options, and Protocols? YES//', respond YES. When prompted to select the options you would like to place out of order, enter the following:

```

Transmit DCD Daily Workload (ORU~Z10)    [IVMD BATCH TRANSMISSIONS JOB]
Retransmit Error/Reject Cases (ORU~Z10)  [IVMD RETRANSMIT ORU~Z10]
Initial Letter and IAW                    [IVMD INITIAL LTR
AND IAW]
Income Screens                            [IVMD INCOME]
    
```

8. If routines were unmapped as part of step 2, they should be returned to the mapped set once the installation has run to completion.
9. Remove TaskMan from the 'Wait State' after installation of this patch has completed.
10. TaskMan jobs unscheduled prior to start of the installation should be rescheduled according to defined HEC background processing schedules.
11. Add individuals responsible for monitoring Financial (Z10) Unsolicited transmissions to the IVMDZ10U TRANSMISSION mail group

Sample Installation:

=====

```

Select Installation Option: INstall Package(s)
Select INSTALL NAME:      IVMB*2.0*395
Loaded from Distribution   8/19/99@10:14:04
=> IVMB*2.0*395 version 3
    
```

```

This Distribution was loaded on Aug 19, 1999@10:14:04 with header of
IVMB*2.0*395 version 3
It consisted of the following Install(s):
IVMB*2.0*395
    
```

```

    IVMB*2.0*395
    
```

Install Questions for IVMB*2.0*395

Incoming Files:

```

    300.1    IVM FACILITY (Partial Definition)
Note: You already have the 'IVM FACILITY' File.
    
```

```

    300.12   IVM MASTER CLIENT (Partial Definition)
Note: You already have the 'IVM MASTER CLIENT' File.
    
```

```

    300.13   IVM CLIENT INCOME (Partial Definition)
Note: You already have the 'IVM CLIENT INCOME' File.
    
```

301.1 DCD FINANCIAL/INCOME TEST DATA (Partial Definition)
Note: You already have the 'DCD FINANCIAL/INCOME TEST DATA ' File.

742200 INCOME TEST EXCEPTION
Note: You already have the 'INCOME TEST EXCEPTION' File.

742200.1 INCOME TEST EXCEPTION TYPE (including data)
Note: You already have the 'INCOME TEST EXCEPTION TYPE' File.
Data will NOT be added.

742201 INCOME TEST AUDIT
Note: You already have the 'INCOME TEST AUDIT' File.

742201.1 INCOME TEST AUDIT TYPE (including data)
Note: You already have the 'INCOME TEST AUDIT TYPE' File.
Data will NOT be added.

Want to DISABLE Scheduled Options, Menu Options, and Protocols? YES// NO

Enter the Device you want to print the Install messages.
You can queue the install by enter a 'Q' at the device prompt.
Enter a '^' to abort the install.

DEVICE: HOME// LAT TERMINAL

Install Started for IVMB*2.0*395 :
Aug 19, 1999@10:17:13

Installing Routines:
Aug 19, 1999@10:17:14

Installing Data Dictionaries: ..
Aug 19, 1999@10:17:18

Installing Data:
Aug 19, 1999@10:17:18

Installing PACKAGE COMPONENTS:

Installing OPTION
Aug 19, 1999@10:17:18

Updating Routine file...

Updating KIDS files...

IVMB*2.0*395 Installed.
Aug 19, 1999@10:17:19

Install Completed

Appendix B - HL7 Requirements

This appendix contains those requirements that are specific to HL7. Note that VISTA HL7 development is done using HL7 Version 1.6 and HL7 Standards 2.1. HEC HL7 development is done using HL7 Version 1.5 and HL7 Standards 2.1. The information contained in this appendix was taken from the Means Test Sharing Software Requirement Specification (SRS).

Please note that the following HL7 Message Structures/Definitions have been updated/created for this phase:

- Full Data Transmission (ORU~Z07)
- Full Data Transmission (ORF~Z07)
- Income Test Data Transmission (ORU~Z10)
- Income Test Data Transmission (ORF~Z10)
- Vista Initiated – Financial Query Data Transmission (QRY)
- HEC Initiated Query Data Transmission (QRY)

All HL7 segment Tables are included in this document that apply to the above Message Structure/Definitions. The segment ZMT – VA Specific Means Test Information has three new sequences:

- Segment 24 – Hardship Date
- Segment 25 – Date/Time Last Edited
- Segment 27 – Test-Determined Status

HL7 Message Types

The following HL7 message types will be utilized in Means Test Sharing (Phase 1 of Centralized Means Test):

| Value | Description |
|-------|----------------------------------|
| ACK | GENERAL ACKNOWLEDGMENT |
| ORF | OBSERVATIONAL REPORT RESPONSE |
| ORU | OBSERVATIONAL REPORT UNSOLICITED |
| QRY | QUERY MESSAGE |

HL7 Message Event Types

Means Test Sharing (Phase 1 of Centralized Means Test) will support the receipt and transmission of the following HL7 message event types (data transmissions).

| HL7 Transmission Name | HL7 Message Type | HL7 Event Code |
|--|------------------|----------------|
| Full Data Transmission | ORF/ORU | Z07 |
| Income Test Data Transmission | ORF/ORU | Z10 |
| VistA - Initiated Financial Query Transmission | QRY | QRY |
| HEC - Initiated Query Transmission | QRY | QRY |

HL7 Segments

The following HL7 segments are utilized in Means Test Sharing (Phase 1 of Centralized Means Test) to support exchange of patient data.

| Segment Name | Segment Description |
|--------------|---|
| INI | INSURANCE SEGMENT |
| NTE | NOTES AND COMMENTS SEGMENT |
| PID | PATIENT IDENTIFICATION SEGMENT |
| QRD | QUERY DEFINITION SEGMENT |
| QRF | QUERY FILTER SEGMENT |
| ZBT | VA-SPECIFIC BENEFICIARY TRAVEL SEGMENT |
| ZCD | VA-SPECIFIC CATASTROPHIC DISABILITY SEGMENT |
| ZCT | VA-SPECIFIC EMERGENCY CONTACT SEGMENT |
| ZDP | VA-SPECIFIC PATIENT DEPENDENT INFORMATION SEGMENT |
| ZEL | VA-SPECIFIC PATIENT ELIGIBILITY SEGMENT |
| ZEM | VA-SPECIFIC EMPLOYMENT INFORMATION SEGMENT |
| ZEN | VA-SPECIFIC ENROLLMENT SEGMENT |
| ZGD | VA-SPECIFIC GUARDIAN SEGMENT |
| ZIC | VA-SPECIFIC INCOME SEGMENT |
| ZIE | VA-SPECIFIC PATIENT INELIGIBLE SEGMENT |
| ZIO | VA-SPECIFIC INPATIENT/OUTPATIENT INFORMATION SEGMENT |
| ZIR | VA-SPECIFIC INCOME RELATION SEGMENT |
| ZIV | VA-SPECIFIC MESSAGE PROCESSING SEGMENT |
| ZMT | VA-SPECIFIC MEANS TEST/COPAY TEST INFORMATION SEGMENT |
| ZPD | VA-SPECIFIC PATIENT INFORMATION SEGMENT |
| ZRD | VA-SPECIFIC RATED DISABILITIES SEGMENT |
| ZSP | VA-SPECIFIC SERVICE PERIOD SEGMENT |
| ZTA | VA-SPECIFIC TEMPORARY ADDRESS SEGMENT |

VA MailMan Lower Level Protocol

The VistA HL7 V.1.6 package will be used. This version supports HL7 V.1.5 VA MailMan lower level protocol used by the MTS.

Background Messages

A nightly background job will be used to transmit Full Data Transmissions (ORU~Z07) messages to the HEC (non-VistA system) on a daily basis. These messages will be batched with 1-100 data records per batch.

Acknowledgments

After receipt and processing of all HL7 messages, a general Acknowledgment (ACK) message will be generated from the receiving system to the originating system advising that entity of a successful or failed (error) transmission.

Successful processing of all batched ORU/ORF messages will generate the following HL7 formatted message.

MSH Message Header
MSA Message Acknowledgment

Unsuccessful (error/reject) processing of all batched ORU/ORF messages will generate the following HL7 formatted message.

BHS Batch Header
{ MSH Message Header (Record counter appended to Msg. Control ID)
MSA Message Acknowledgment (Record counter appended to Msg. Control ID
– application-specific error message also included)
}
BTS Batch Trailer

The following Acknowledgment Codes are utilized within Message Acknowledgment (MSA) segment.

| Value | Description |
|-------|--------------------|
| AA | Application Accept |
| AE | Application Error |
| AR | Application Reject |

HL7 QRY-type message acknowledgments are handled singularly for a successful completed batch – the MSA segment is included in ORF message response.

When data is not on file to successfully respond to a VistA generated QRY-type message, format for the ORF message response will be as follows.

MSH Message Header
MSA Message Acknowledgment (AR message also included)
QRD Query Definition (segment as submitted in VistA initiated query)
QRF Query Filter (segment as submitted in VistA initiated query)

HL7 Message Structures/Definitions

In this section, the following elements will be defined for each HL7 message:

- Message Type
- Message Event Code
- Abstract Message Syntax (list of segments used in the message)
- List of Data Fields (sequence numbers used for each segment)

Each HL7 message is composed of segments. Segments contain logical groupings of data. These segments may be repeatable. The Braces, { ... } indicate one or more repetitions of the enclosed group of segments. For each message category there will be a list of HL7 standard segments or VA-specific "Z" segments used in the message. The data fields (represented by sequence numbers) utilized in each segment will also be specified.

Note: HL7 Transmission/Event Type Codes are annotated beside each message type to be used in conjunction with HL7 Observational Results Unsolicited (ORU), Observational Report Response (ORF), and Query (QRY) transmissions. All HL7 Observational Results Unsolicited (ORU) type messages transmitted between HEC and VistA will be in a batch format containing 1-100 records per batch.

Full Data Transmission - (ORU~Z07)

BHS Batch Header
 {MSH Message Header
 PID Patient Identification Segment (SEQ 1,3,5,7-8,11-14,19)
 ZPD VA-Specific Patient Info Segment (SEQ 1,8-9,11-13,17,19)
 ZTA VA-Specific Temporary Address Segment (SEQ 1-7)
 ZIE VA-Specific Patient Ineligible Segment (SEQ 1-4)
 {ZEL VA-Specific Patient Eligibility Segment (SEQ 1-5,6-7,10-11,13-15
 for primary eligibility and SEQ 1-4 for all other eligibility's)
 }
 ZEN VA-Specific Enrollment Segment (SEQ 1-13)
 {ZCD VA-Specific Catastrophic Disability Segment (SEQ 1-13)
 }
 {ZRD VA-Specific Rated Disabilities Segment (SEQ 1-4)
 }
 ZCT VA-Specific Emergency Contact Segment (SEQ 1-7)
 {ZEM VA-Specific Employment Info Segment (SEQ 1-3)
 }
 {ZGD VA-Specific Guardian Segment (SEQ 1-8)
 }
 ZIC VA-Specific Income Segment (SEQ 1-20)
 ZIR VA-Specific Income Relation Segment (SEQ 1-5,10)
 {ZDP VA-Specific Dependent Information Segment (SEQ 1-9 for spouse
 and SEQ 1-7,9 for all other dependents)
 ZIC VA-Specific Income Segment (SEQ 1-12,16-20 for spouse and
 SEQ 1-12,15 for all other dependents)
 ZIR VA-Specific Income Relation Segment (SEQ 1 for spouse and
 SEQ 1,3,6-9 for all other dependents)
 }
 ZIO VA-Specific Patient Info Segment (SEQ 1-4)
 {NTE Notes & Comments (SEQ 1,3)
 }
 {IN1 Insurance Segment (SEQ 1,4-5,7-9,12-13,15-17,28,36)
 }
 ZMT VA-Specific Means Test Information Segment (SEQ 1-13,15-18,21-26)
 ZMT VA-Specific Co-Pay Test Information Segment (SEQ 1-4,9,10,12,15-18,
 22,25-26)
 ZBT VA-Specific Beneficiary Travel Information Segment (SEQ 1-4,7)
 [{ZFE VA-Specific Fee Basis Segment (SEQ 1-5)
 }]
 ZSP VA-Specific Service Period Segment (SEQ 1-3)
 }
 BTS Batch Trailer

Full Data Transmission - (ORF~Z07)

| | |
|------|--|
| BHS | Batch Header |
| {MSH | Message Header |
| MSA | Message Acknowledgment |
| QRD | Query Definition (segment as submitted in HEC initiated query) |
| PID | Patient Identification Segment (SEQ 1,3,5,7-8,11-14,19) |
| ZPD | VA-Specific Patient Info Segment (SEQ 1,8-9,11-13,19) |
| ZTA | VA-Specific Temporary Address Segment (SEQ 1,3-7) |
| ZIE | VA-Specific Patient Ineligible Segment (SEQ 1-4) |
| {ZEL | VA-Specific Patient Eligibility Segment (SEQ 1-5,6-7,10-11,13-15 for primary eligibility and SEQ 1-4 for all other eligibility's) |
| } | |
| ZEN | VA-Specific Enrollment Segment (SEQ 1-13) |
| ZCD | VA-Specific Catastrophic Disability Segment (SEQ 1-13) |
| ZCT | VA-Specific Emergency Contact Segment (SEQ 1-7) |
| {ZEM | VA-Specific Employment Info Segment (SEQ 1-3) |
| } | |
| {ZGD | VA-Specific Guardian Segment (SEQ 1-8) |
| } | |
| ZIC | VA-Specific Income Segment (SEQ 1-20) |
| ZIR | VA-Specific Income Relation Segment (SEQ 1-5,10) |
| {ZDP | VA-Specific Dependent Information Segment (SEQ 1-9 for spouse and SEQ 1-7,9 for all other dependents) |
| ZIC | VA-Specific Income Segment (SEQ 1-12,16-20 for spouse and SEQ 1-12,15 for all other dependents) |
| ZIR | VA-Specific Income Relation Segment (SEQ 1 for spouse and SEQ 1,3,6-9 for all other dependents) |
| } | |
| ZIO | VA-Specific Patient Info Segment (SEQ 1-4) |
| {NTE | Notes & Comments (SEQ 1,3) |
| } | |
| {IN1 | Insurance Segment (SEQ 1,4-5,7-9,12-13,15-17,28,36) |
| } | |
| ZMT | VA-Specific Means Test Information Segment (SEQ 1-13,15-18,21-26) |
| ZMT | VA-Specific Co-Pay Test Information Segment (SEQ 1-4,9,10,12,15-18, 22,25-26) |
| ZBT | VA-Specific Beneficiary Travel Information Segment (SEQ 1-4,7) |
| ZSP | VA-Specific Service Period Segment (SEQ 1-3) |
| } | |
| BTS | Batch Trailer |

Income Test Data Transmission - (ORU~Z10)

BHS Batch Header

{MSH Message Header

PID Patient Identification Segment (SEQ 1,3,7-8,19)

ZIC VA-Specific Income Segment (SEQ 1-20)

ZIR VA-Specific Income Relation Segment (SEQ 1-5,10)

{ZDP VA-Specific Dependent Information Segment (SEQ 1-6,8-9 for spouse and
SEQ 1-6,9 for all other dependents)

ZIC VA-Specific Income Segment (SEQ 1-12,16-20 for spouse and
SEQ 1-12,15 for all other dependents)

ZIR VA-Specific Income Relation Segment (SEQ 1 for spouse and
SEQ 1,3,6-9 for all other dependents)

}

ZMT VA-Specific Means Test (SEQ 1-19,22-26)

ZMT VA-Specific Co-Pay Test (SEQ 1-4,9-10,12,15-19,22,25-26)

ZBT VA-Specific Beneficiary Travel Information Segment (SEQ 1-2)

}

BTS Batch Trailer

Income Test Data Transmission - (ORF~Z10)

MSH Message Header

MSA Message Acknowledgment

QRD Query Definition (segment as submitted in VistA
Initiated Query)

QRF Query Filter (segment as submitted in VistA
Initiated Query)

PID Patient Identification Segment (SEQ 1,3,7-8,19)

ZIC VA-Specific Income Segment (SEQ 1-20)

ZIR VA-Specific Income Relation Segment (SEQ 1-5,10)

{ZDP VA-Specific Dependent Information Segment (SEQ 1-6,8-9 for spouse and
SEQ 1-6,9 for all other dependents)

ZIC VA-Specific Income Segment (SEQ 1-12,16-20 for spouse and
SEQ 1-12,15 for all other dependents)

ZIR VA-Specific Income Relation Segment (SEQ 1 for spouse and
SEQ 1,3,6-9 for all other dependents)

}

ZMT VA-Specific Means Test Information Segment (SEQ 1-19,22-26)

ZMT VA-Specific Co-Pay Test Information Segment (SEQ 1-4,9-10,12,
15-19,22,25-26)

ZBT VA-Specific Beneficiary Travel Information Segment (SEQ 1-2)

VistA Initiated - Financial Query Data Transmission - (QRY)

MSH Message Header
 QRD Query Definition (SEQ 1-4,7-10,12)
 SEQ 1 - Query Date/Time
 SEQ 2 - Query Format Code (“R”: Record-Oriented)
 SEQ 3 - Query Priority (“I”: Immediate)
 SEQ 4 - Query ID (Internal VistA-specific Patient DFN)
 SEQ 7 - Quantity Limited Request (“1~RD”: One/single record)
 SEQ 8 - Who Subject Filter (VistA-specific Patient SSN)
 SEQ 9 - What Subject Filter (“FIN”: Financial)
 SEQ 10 - What Department Data Code (Income Year)
 SEQ 12 - Query Results Level (“T”: Full Results)
 QRF Query Filter (SEQ 1,4-5)
 SEQ 1 - Where Subject Filter (“IVM”)
 SEQ 4 - What User Qualifier (VistA-specific Patient Date of Birth)
 SEQ 5 - Other Subject Query Filter (VistA-specific Patient Sex; “M” or “F”)

HEC Initiated Query Data Transmission - (QRY)

MSH Message Header
 QRD Query Definition (SEQ 1-4,7-10,12)
 SEQ 1 - Query Date/Time
 SEQ 2 - Query Format Code (“R”: Record-oriented)
 SEQ 3 - Query Priority (“I”: Immediate/Single-level; “D”: Deferred/
 Master-level)
 SEQ 4 - Query ID (Internal IVM-specific IVMDA)
 SEQ 7 - Quantity Limited Request (“1~RD”: Single-level; “100000~RD”:
 Master-level)
 SEQ 8 - Who Subject Filter (VistA-specific Patient DFN/Single-level; null/
 Master-level)
 SEQ 9 - What Subject Filter (“DEM”: Demographics)
 SEQ 10 - What Department Data Code (Income Year)
 SEQ 12 - Query Results Level (“T”: Full Results)

HL7 Segment Table Definitions

For each HL7 segment, the data elements contained in the segment are described in table format. These tables are described in the following sections. The abbreviated column headings contained in the tables and associated HL7 data types are also defined.

Abbreviated Column Headings

| Column Heading | Definition |
|----------------|--|
| SEQ | Sequence of data element in segment |
| LEN | Maximum length of data element |
| DT | Data Type |
| R/O | Required/Optional (R=Required, blank=Optional) |
| RP/# | Repeats/Maximum number of repetitions (Y for repeats) |
| TBL# | Number of corresponding HL7 user defined/supported table |

HL7 Data Types

| Data Type (DT) | Definition | VA FileMan Data Type |
|----------------|------------------|-------------------------|
| AD | Address | Free Text |
| CK | Check Digit | No Equivalent |
| CM | Composite | No Equivalent |
| DT | Date | Date Only |
| ID | Coded Value | Set of Codes or Pointer |
| NM | Numeric | Numeric |
| PN | Person Name | Free Text |
| TM | Time | Time Only |
| TN | Telephone Number | Free Text |
| TS | Time Stamp | Date/Time |
| TX | Text | Word processing |
| SI | Sequence ID | Numeric |
| ST | String | Free Text |

HL7 Segment Tables

IN1 Insurance Segment

| SEQ | LEN | DT | R/O | RP/# | TBL # | ELEMENT NAME | VistA ELEMENT NAME VistA File Field or Expression |
|-----|-----|----|-----|------|-------|-------------------------------|--|
| 1 | 4 | SI | R | | | SET ID-INSURANCE | Sequential number |
| 2 | 8 | ID | | | | INSURANCE PLAN ID | Not used at this time. |
| 3 | 6 | ST | | | | INSURANCE COMPANY ID | Not used at this time. |
| 4 | 45 | ST | R | | | INSURANCE COMPANY NAME | NAME Insurance Company (#36) file. Field (.01) |
| 5 | 106 | AD | | | | INSURANCE COMPANY ADDRESS | ADDRESS Insurance Company (#36) file. Fields (.111-.116) |
| 6 | 48 | PN | | | | INSURANCE CO. CONTACT PERS | Not used at this time. |
| 7 | 40 | TN | | | | INSURANCE CO. PHONE NUMBER | PHONE NUMBER Insurance Company (#36) file. Field (.131) |
| 8 | 12 | ST | *R | | | GROUP NUMBER | GROUP NUMBER Health Insurance Policy (#355.3) file. Field (.04) |
| 9 | 35 | ST | *R | | | GROUP NAME | GROUP NAME Health Insurance Policy (#355.3) file. Field (.03) |
| 10 | 12 | ST | | | | INSURED'S GROUP EMP. ID | Not used at this time. |
| 11 | 45 | ST | | | | INSURED'S GROUP EMP. NAME | Not used at this time. |
| 12 | 8 | DT | | | | PLAN EFFECTIVE DATE | EFFECTIVE DATE OF POLICY Patient (#2) file. (mult .312, field 8) |
| 13 | 8 | DT | | | | PLAN EXPIRATION DATE | INSURANCE EXPIRATION DATE Patient (#2) file. (mult .312, field 4) |
| 14 | 55 | ST | | | | AUTHORIZATION INFORMATION | Not used at this time. |
| 15 | 2 | ID | | | | PLAN TYPE | TYPE OF POLICY Health Insurance Policy (#355.3) file. Field (.09) |
| 16 | 48 | PN | *R | | | NAME OF INSURED | NAME OF INSURED Patient (#2) file. (mult. .312, field 17) |
| 17 | 2 | ID | R | | | INSURED'S RELATION TO PATIENT | WHOSE INSURANCE Patient (#2) file. (mult .312, field 6) |
| 18 | 8 | DT | | | | INSURED'S DATE OF BIRTH | Not used at this time. |
| 19 | 106 | AD | | | | INSURED'S ADDRESS | Not used at this time. |
| 20 | 2 | ID | | | | ASSIGNMENT OF BENEFITS | Not used at this time. |
| 21 | 2 | ID | | | | COORDINATION OF BENEFITS | Not used at this time. |
| 22 | 2 | ST | | | | CORD. OF BENEFITS PRIORITY | Not used at this time. |
| 23 | 2 | ID | | | | NOTICE OF ADMISSION CODE | Not used at this time. |
| 24 | 8 | DT | | | | NOTICE OF ADMISSION DATE | Not used at this time. |
| 25 | 2 | ID | | | | RPT OF ELIGIBILITY CODE | Not used at this time. |
| 26 | 8 | DT | | | | RPT OF ELIGIBILITY DATE | Not used at this time. |
| 27 | 2 | ID | | | | RELEASE OF INFORMATION CODE | Not used at this time. |
| 28 | 1 | ID | | | VA01 | PRE-ADMIT CERT. (PAC) | IS PRE-CERT. REQ. Health Insurance Policy (#355.3) file. Field (9) |
| 29 | 8 | DT | | | | VERIFICATION DATE | Not used at this time. |
| 30 | 60 | CM | | | | VERIFICATION BY | Not used at this time. |
| 31 | 2 | ID | | | | TYPE OF AGREEMENT CODE | Not used at this time. |
| 32 | 2 | ID | | | | BILLING STATUS | Not used at this time. |
| 33 | 4 | NM | | | | LIFETIME RESERVE DAYS | Not used at this time. |
| 34 | 4 | NM | | | | DELAY BEFORE L. R. DAY | Not used at this time. |

IN1 Insurance Segment (continued)

| SEQ | LEN | DT | R/O | RP/# | TBL # | ELEMENT NAME | VistA ELEMENT NAME Vista File Field or Expression |
|-----|-----|----|-----|------|-------|-----------------------------|--|
| 35 | 8 | ST | | | | COMPANY PLAN CODE | Not used at this time. |
| 36 | 15 | ST | R | | | POLICY NUMBER | INSURANCE NUMBER Patient (#2) file. (mult .312, field 2) |
| 37 | 12 | NM | | | | POLICY DEDUCTIBLE | Not used at this time. |
| 38 | 12 | NM | | | | POLICY LIMIT - AMOUNT | Not used at this time. |
| 39 | 4 | NM | | | | POLICY LIMIT - DAYS | Not used at this time. |
| 40 | 12 | NM | | | | ROOM RATE - SEMI PRIVATE | Not used at this time. |
| 41 | 12 | NM | | | | ROOM RATE - PRIVATE | Not used at this time. |
| 42 | 1 | ID | | | | INSURED'S EMPLOYMENT STATUS | Not used at this time. |
| 43 | 1 | ID | | | | INSURED'S SEX | Not used at this time. |
| 44 | 106 | AD | | | | INSURED'S EMPLOYER ADDRESS | Not used at this time. |

NTE Notes and Comments Segment

| SEQ | LEN | DT | R/O | RP/# | TBL # | ELEMENT NAME | VistA ELEMENT NAME Annual Means Test (#408.31) File Field or Expression |
|-----|-----|----|-----|------|-------|-------------------|--|
| 1 | 4 | SI | R | | | SET ID | Sequential number |
| 2 | 8 | ID | | | 105 | SOURCE OF COMMENT | Not used at this time. |
| 3 | 120 | TX | | | | COMMENT | COMMENT (50) |

PID Patient Identification Segment

| SEQ | LEN | DT | R/O | RP/# | TBL# | ELEMENT NAME | VistA DESCRIPTION Patient (#2) File Field or Expression |
|-----|-----|----|-----|------|------|----------------------------|--|
| 1 | 4 | SI | | | | Set ID - Patient ID | Sequential Number |
| 2 | 16 | CK | | | | Patient ID (External ID) | Primary Long ID (.363) or VA("PID") |
| 3 | 16 | CM | R | Y | | Patient ID (Internal ID) | Pointer to entry in PATIENT (#2) file |
| 4 | 12 | ST | | | | Alternate Patient ID | Primary Short ID (.364) or VA("PID) |
| 5 | 48 | PN | R | | | Patient Name | Name (.01) |
| 6 | 30 | ST | | | | Mother's Maiden Name | Mother's maiden name (.2403) |
| 7 | 26 | TS | | | | Date of Birth | Date of birth (.03) |
| 8 | 1 | ID | | | 0001 | Sex | Sex (.02) |
| 9 | 48 | PN | | Y | | Patient Alias | Alias (multiple 1, field .01) |
| 10 | 1 | ID | | | VA07 | Race | Race |
| 11 | 106 | AD | | Y | | Patient Address | Address (.111-.116) |
| 12 | 4 | ID | | | | County Code | VA County Code (.117) |
| 13 | 40 | TN | | Y | | Phone Number - Home | Phone number (residence) (.131) |
| 14 | 40 | TN | | Y | | Phone Number - Business | Phone number (work) (.132) |
| 15 | 25 | ST | | | | Language - Patient | Not used |
| 16 | 1 | ID | | | 0002 | Marital Status | Marital Status (.05) |
| 17 | 3 | ID | | | VA08 | Religion | Religion |
| 18 | 20 | CK | | | | Patient Account Number | Not used |
| 19 | 16 | ST | | | | SSN Number - Patient | Social security number (.09) |
| 20 | 25 | CM | | | | Driver's Lic Num - Patient | Not used |
| 21 | 20 | CK | | | | Mother's Identifier | Not used |
| 22 | 1 | ID | | | 0189 | Ethnic Group | Not used |
| 23 | 25 | ST | | | | Birth Place | Not used |
| 24 | 2 | ID | | | | Multiple Birth Indicator | Not used |
| 25 | 2 | NM | | | | Birth Order | Not used |
| 26 | 3 | ID | | Y | 0171 | Citizenship | Not used |
| 27 | 60 | CE | | | 0172 | Veterans Military Status | Not used |

QRD Query Definition Segment

| SEQ | LEN | DT | R/O | RP/# | TBL# | ELEMENT NAME | VistA DESCRIPTION |
|-----|-----|----|-----|------|------|-----------------------------|---|
| 1 | 26 | TS | R | | | QUERY DATE/TIME | DATE/TIME QUERY WAS GENERATED |
| 2 | 1 | ID | R | | 0106 | QUERY FORMAT CODE | SEE HL7 TABLE FOR CODES |
| 3 | 1 | ID | R | | 0091 | QUERY PRIORITY | SEE HL7 TABLE FOR CODES |
| 4 | 10 | ST | R | | | QUERY ID | VistA SPECIFIC INTERNAL ENTRY NUMBER OF PATIENT (#2) FILE |
| 5 | 1 | ID | | | | DEFERRED RESPONSE TYPE | NOT USED AT THIS TIME |
| 6 | 26 | TS | | | | DEFERRED RESPONSE DATE/TIME | NOT USED AT THIS TIME |
| 7 | 10 | CQ | R | | 0126 | QUANTITY LIMITED REQUEST | SEE HL7 TABLE FOR CODES |
| 8 | 20 | ST | R | | | WHO SUBJECT FILTER | SOCIAL SECURITY NUMBER (.09) FIELD OF PATIENT (#2) FILE |
| 9 | 3 | ID | R | Y | 0048 | WHAT SUBJECT FILTER | SEE HL7 TABLE FOR CODES |
| 10 | 20 | ST | R | Y | | WHAT DEPARTMENT DATA CODE | COMPUTED FIELD (INCOME YEAR) |
| 11 | 20 | ST | R | Y | | WHAT DATA CODE VALUE | NOT USED AT THIS TIME |
| 12 | 1 | ID | | | 0108 | QUERY RESULTS LEVEL | SEE HL7 TABLE FOR CODES |

QRF Query Filter Segment

| SEQ | LEN | DT | R/O | RP/# | TBL# | ELEMENT NAME | VistA DESCRIPTION |
|-----|-----|----|-----|------|------|----------------------------|--|
| 1 | 20 | ST | R | Y | | WHERE SUBJECT FILTER | IDENTIFIES DEPT., SYSTEM TO WHICH QUERY PERTAINS |
| 2 | 19 | TS | | | | WHEN DATA START DATE/TIME | NOT USED AT THIS TIME |
| 3 | 20 | TS | | | | WHEN DATA END DATE/TIME | NOT USED AT THIS TIME |
| 4 | 20 | ST | | Y | | WHAT USER QUALIFIER | SPECIFIC PATIENT DATE OF BIRTH |
| 5 | 20 | ST | | Y | | OTHER QUERY SUBJECT FILTER | SPECIFIC PATIENT SEX; "M" OR "F" |

ZBT Beneficiary Travel Segment

| SEQ | LEN | DT | R/O | RP/# | TBL# | ELEMENT NAME | VistA ELEMENT NAME VistA File Field or Expression |
|-----|-----|----|-----|------|------|--------------------------|--|
| 1 | 4 | SI | R | | | SET ID | SEQUENTIAL NUMBER |
| 2 | 8 | DT | | | | DATE CERTIFIED | DATE CERTIFIED (.01) of (#392.2) file |
| 3 | 1 | ID | | | VA01 | ELIGIBLE | ELIGIBLE (3) of (#392.2) file |
| 4 | 10 | NM | | | | AMOUNT CERTIFIED | AMOUNT CERTIFIED (4) of (#392.2) file |
| 5 | 2 | ID | | | VA02 | MEANS TEST STATUS | MEANS TEST STATUS (A;8) of (#392.2) file |
| 6 | 2 | ID | | | VA04 | PRIMARY ELIGIBILITY CODE | PRIMARY ELIG. CODE (A;9) of (#392.2) file |
| 7 | 19 | TS | | | | TRAVEL CLAIM DATE/TIME | * CLAIM DATE/TIME (.01) |

* - Fields are from BENEFICIARY TRAVEL CLAIM (#392) file

ZCT VA-Specific Emergency Contact Segment

| SEQ | LEN | DT | R/O | RP/# | TBL # | ELEMENT NAME | VistA ELEMENT NAME Patient (#2) File Field or Expression |
|--|-----|----|-----|------|-------|------------------------------|---|
| 1 | 4 | SI | R | | | SET ID | SEQUENTIAL NUMBER |
| 2 | 2 | ID | R | | | CONTACT TYPE | 1=NOK, 2=2nd NOK, 3=e-contact, 4=2nd e-contact, 5=designee |
| 3 | 35 | ST | | | | CONTACT NAME | NAME of contact person (see note below) |
| 4 | 30 | ST | | | | CONTACT RELATIONSHIP | RELATIONSHIP TO PATIENT of contact person (see note below) |
| 5 | 106 | AD | | | | CONTACT ADDRESS | ADDRESS of contact person (see note below) |
| 6 | 40 | TN | | | | CONTACT PHONE NUMBER | PHONE NUMBER of contact person (see note below) |
| 7 | 40 | TN | | | | CONTACT WORK PHONE NUMBER | WORK PHONE NUMBER of contact person (see note below) |
| 8 | 1 | ID | | | VA01 | CONTACT ADDRESS SAME AS NOK? | ADDRESS SAME AS PATIENT'S (see note - NOK and NOK2 only) |
| 9 | 1 | ID | | | VA01 | CONTACT PERSON SAME AS NOK? | SAME AS NOK? (see note - first e-contact and designee only) |
| Data is returned from various PATIENT file nodes based on the CONTACT TYPE: type=1, node=.21; type=2, node=.211; type=3, node=.33; type=4, node=.331; type=5, node=34. | | | | | | | |

ZDP VA-Specific Patient Dependent Information Segment

| SEQ | LEN | DT | R/O | RP/# | TBL # | ELEMENT NAME | VistA ELEMENT NAME VistA Field or Expression |
|---|-----|----|-----|------|-------|-------------------------|--|
| 1 | 4 | SI | R | | | SET ID | SEQUENTIAL NUMBER |
| 2 | 48 | PN | R | | | NAME | * NAME (.01) |
| 3 | 1 | ID | | | 0001 | SEX | * SEX (.02) |
| 4 | 8 | DT | | | | DATE OF BIRTH | * DATE OF BIRTH (.03) |
| 5 | 16 | ST | | | | SOCIAL SECURITY NUMBER | * SOCIAL SECURITY NUMBER (.09) |
| 6 | 2 | ID | | | VA09 | RELATIONSHIP TO PATIENT | RELATIONSHIP (.02) field, PATIENT RELATION file (internal value) |
| 7 | 10 | NM | | | | INTERNAL ENTRY NUMBER | INTERNAL ENTRY NUMBER of PATIENT RELATION (408.12) file |
| 8 | 30 | ST | | | | SPOUSES MAIDEN NAME | No corresponding VistA field at this time. |
| 9 | 8 | DT | | | | DEPENDENT DATE | EFFECTIVE DATE(MULT 408.1275;FIELD.01) |
| Notes: * - fields are from either PATIENT(#2) or INCOME PERSON (#408.13) files | | | | | | | |

ZEL VA-Specific Patient Eligibility Segment

| SEQ | LEN | DT | R/O | RP/# | TBL# | ELEMENT NAME | VistA ELEMENT NAME Patient (#2) File Field or Expression |
|-----|-----|----|-----|------|------|---------------------------------|---|
| 1 | 4 | SI | R | | | SET ID | SEQUENTIAL NUMBER (1 is always primary elig.) |
| 2 | 2 | ID | | | VA04 | ELIGIBILITY CODE | ELIGIBILITY CODE |
| 3 | 16 | CK | | | | LONG ID | LONG ID (multiple 361 field .01) |
| 4 | 12 | ST | | | | SHORT ID | SHORT ID (multiple 361 field .04) |
| 5 | 1 | ID | | | VA05 | DISABILITY RETIREMENT FROM MIL | DISABILITY RETIREMENT FROM MIL. (.362) |
| 6 | 8 | NM | | | | CLAIM FOLDER NUMBER | CLAIM FOLDER NUMBER (.313) |
| 7 | 40 | ST | | | | CLAIM FOLDER LOCATION | CLAIM FOLDER LOCATION (.312) |
| 8 | 1 | ID | | | VA01 | VETERAN? | VETERAN? (1901) |
| 9 | 30 | ST | | | | TYPE OF PATIENT | TYPE OF PATIENT (391) |
| 10 | 1 | ID | | | VA06 | ELIGIBILITY STATUS | ELIGIBILITY STATUS (.3611) |
| 11 | 8 | DT | | | | ELIGIBILITY STATUS DATE | ELIGIBILITY STATUS DATE (.3162) |
| 12 | 8 | DT | | | | ELIGIBILITY INTERIM RESPONSE | ELIGIBILITY INTERIM RESPONSE (.3614) |
| 13 | 50 | ST | | | | ELIGIBILITY VERIFICATION METHOD | ELIGIBILITY VERIFICATION METHOD (.3615) |
| 14 | 1 | ID | | | VA01 | RECEIVING A&A BENEFITS? | RECEIVING A&A BENEFITS? (.36205) |
| 15 | 1 | ID | | | VA01 | RECEIVING HOUSEBOUND BENEFITS? | RECEIVING HOUSEBOUND BENEFITS? (.36215) |
| 16 | 1 | ID | | | VA01 | RECEIVING A VA PENSION? | RECEIVING A VA PENSION? (.36235) |
| 17 | 1 | ID | | | VA01 | RECEIVING A VA DISABILITY? | NOT USED AT THIS TIME |
| 18 | 1 | ID | | | VA01 | EXPOSED TO AGENT ORANGE | EXPOSED TO AGENT ORANGE |
| 19 | 1 | ID | | | VA01 | RADIATION EXPOSURE INDICATED | RADIATION EXPOSURE INDICATED |
| 20 | 1 | ID | | | VA01 | ENVIRONMENTAL CONTAMINANTS | ENVIRONMENTAL CONTAMINANTS |
| 21 | 5 | NM | | | | TOTAL ANUAL VA CHECK AMOUNT | TOTAL ANNUAL VA CHECK AMOUNT (.36295) |

ZEM VA-Specific Employment Information Segment

| SEQ | LEN | DT | R/O | RP/# | TBL # | ELEMENT NAME | VistA ELEMENT NAME Patient (#2) File Field or Expression |
|-----|-----|----|-----|------|-------|-------------------|---|
| 1 | 4 | SI | R | | | SET ID | Sequential Number |
| 2 | 1 | ID | | | | EMPLOYMENT PERSON | 1 if patient, 2 if spouse |
| 3 | 2 | ID | | | VA03 | EMPLOYMENT STATUS | EMPLOYMENT STATUS: Patient (.31115) or Spouse (.2515) |
| 4 | 30 | ST | | | | EMPLOYER NAME | EMPLOYER NAME: Patient (.3111) or Spouse (.251) |
| 5 | 30 | ST | | | | OCCUPATION | OCCUPATION (.07) or SPOUSE'S OCCUPATION (.2514) |
| 6 | 106 | AD | | | | EMPLOYER ADDRESS | EMPLOYER ADDRESS: Patient (.3113-.3118) or Spouse (.252-.257) |
| 7 | 40 | TN | | | | EMPLOYER PHONE | EMPLOYER PHONE NUMBER: Patient (.3119) or Spouse (.258) |
| 8 | 1 | ID | | | VA01 | GOVERNMENT AGENCY | GOVERNMENT AGENCY (.3112) [patient only] |

ZEN VA-Specific Enrollment Segment

| SEQ | LEN | DT | R/O | RP/# | TBL# | ELEMENT NAME | VistA ELEMENT NAME Enrollment File (#?) Field or Expression |
|-----|-----|----|-----|------|--------|-----------------------------|--|
| 1 | 4 | SI | R | | | SET ID | Sequential number |
| 2 | 8 | DT | | | | ENROLLMENT DATE | ENROLLMENT DATE |
| 3 | 1 | ID | | | | SOURCE OF ENROLLMENT | SOURCE OF ENROLLMENT 1 = VAMC 2 = HEC 3 = OTHER VAMC |
| 4 | 1 | ID | | | *1 | ENROLLMENT STATUS | ENROLLMENT STATUS |
| 5 | 1 | ID | | | *2 | REASON CANCELED/DECLINED | REASON CANCELED/DECLINED |
| 6 | 60 | TX | | | | CANCELED/DECLINED REMARKS | CANCELED/DECLINED REMARKS |
| 7 | 7 | ID | | | VA0115 | FACILITY RECEIVED | FACILITY RECEIVED |
| 8 | 7 | ID | | | VA0115 | PRIMARY FACILITY | PRIMARY FACILITY |
| 9 | 1 | ID | | | *3 | ENROLLMENT PRIORITY | ENROLLMENT PRIORITY |
| 10 | 8 | DT | | | | EFFECTIVE DATE | EFFECTIVE DATE |
| 11 | 8 | DT | | | | ENROLLMENT APPLICATION DATE | ENROLLMENT APPLICATION DATE |
| 12 | 8 | DT | | | | ENROLLMENT END DATE | ENROLLMENT END DATE |
| 13 | 1 | IS | | | | ENROLLMENT SUB-GROUP | ENROLLMENT SUB-GROUP |

ZGD VA-Specific Guardian Segment

| SEQ | LEN | DT | R/O | RP/# | TBL # | ELEMENT NAME | VistA ELEMENT NAME Patient (#2) File Field or Expression |
|--|-----|----|-----|------|-------|------------------------|---|
| 1 | 4 | SI | R | | | SET ID | Sequential number |
| 2 | 2 | ID | R | | | GUARDIAN TYPE | 1=VA Guardian, 2=Civil Guardian |
| 3 | 35 | ST | | | | GUARDIAN NAME | NAME of guardian (see note below) |
| 4 | 30 | ST | | | | GUARDIAN INSTITUTION | INSTITUTION where guardian is located (see note below) |
| 5 | 30 | ST | | | | GUARDIAN RELATIONSHIP | RELATIONSHIP TO PATIENT of guardian (see note below) |
| 6 | 106 | AD | | | | GUARDIAN ADDRESS | ADDRESS of guardian (see note below) |
| 7 | 40 | TN | | | | GUARDIAN PHONE NUMBER | PHONE NUMBER of guardian (see note below) |
| 8 | 8 | DT | | | | DATE RULED INCOMPETENT | DATE RULED INCOMPETENT (see note below) |
| Data is returned from a different PATIENT file node depending on the GUARDIAN TYPE. If the GUARDIAN TYPE=1, data will be returned from the .29 node. If the GUARDIAN TYPE=2, data will be returned from the .291 node. | | | | | | | |

ZIC VA-Specific Income Information Segment

| SEQ | LEN | DT | R/O | RP/# | TBL # | ELEMENT NAME | VistA ELEMENT NAME Individual Annual Income (#408.21) File Field or Expression |
|--|-----|----|-----|------|-------|---------------------------------|---|
| 1 | 4 | SI | R | | | SET ID | Sequential number (1 is always the primary eligibility) |
| 2 | 8 | DT | | | | INCOME YEAR | YEAR (.01) [month and date will be 0] |
| 3 | 8 | NM | | | | SOCIAL SECURITY | SOCIAL SECURITY (NOT SSI) (.08) |
| 4 | 8 | NM | | | | US CIVIL SERVICE | U.S. CIVIL SERVICE (.09) |
| 5 | 8 | NM | | | | US RAILROAD RETIREMENT | U.S. RAILROAD RETIREMENT (.1) |
| 6 | 8 | NM | | | | MILITARY RETIREMENT | MILITARY RETIREMENT (.11) |
| 7 | 8 | NM | | | | UNEMPLOYMENT COMPENSATION | UNEMPLOYMENT COMPENSATION (.12) |
| 8 | 8 | NM | | | | OTHER RETIREMENT | OTHER RETIREMENT (.13) |
| 9 | 9 | NM | | | | EMPLOYMENT INCOME | TOTAL INCOME FROM EMPLOYMENT (.14) |
| 10 | 8 | NM | | | | INTEREST, DIVIDEND, ANNUITY | INTEREST, DIVIDEND, ANNUITY (.15) |
| 11 | 8 | NM | | | | WORKERS COMP/BLACK LUNG | WORKERS COMP. OR BLACK LUNG (.16) |
| 12 | 9 | NM | | | | OTHER INCOME | ALL OTHER INCOME (.17) |
| 13 | 8 | NM | | | | MEDICAL EXPENSES | MEDICAL EXPENSES (1.01) [veteran only] |
| 14 | 8 | NM | | | | FUNERAL AND BURIAL EXPENSES | FUNERAL AND BURIAL EXPENSES (1.02) [veteran only] |
| 15 | 8 | NM | | | | EDUCATIONAL EXPENSES | EDUCATIONAL EXPENSES (1.03) [veteran only] |
| 16 | 9 | NM | | | | CASH, AMOUNT IN BANK ACCOUNTS | CASH,AMOUNTS IN BANK ACCOUNTS (2.01) [vet/spouse only] |
| 17 | 9 | NM | | | | STOCKS AND BONDS | STOCKS AND BONDS (2.02) [vet/spouse only] |
| 18 | 9 | NM | | | | REAL PROPERTY | REAL PROPERTY (2.03) [vet/spouse only] |
| 19 | 9 | NM | | | | OTHER PROPERTY OR ASSETS | OTHER PROPERTY OR ASSETS (2.04) [vet/spouse only] |
| 20 | 9 | NM | | | | DEBTS | DEBTS (2.05) [vet/spouse only] |
| 21 | 8 | DT | | | | DATE INCOME SCREENING COLLECTED | ENTERED ON (102) |
| 22 | 3 | NM | | | | SITE CONDUCTING TEST | SOURCE OF TEST (.23) |
| 23 | 8 | DT | | | | SOURCE OF TEST | SITE CONDUCTING TEST (.27 - Station Number) |
| Note, data in this segment should be formatted in the message to follow the corresponding ZDP or PID segment in order to indicate which dependent this data is returned for. | | | | | | | |

ZIE VA-Specific Patient Ineligible Segment

| SEQ | LEN | DT | R/O | RP/# | TBL# | ELEMENT NAME | VistA ELEMENT NAME Patient (#2) File Field or Expression |
|-----|-----|----|-----|------|------|--------------------------|---|
| 1 | 4 | SI | R | | | SET ID | SEQUENTIAL NUMBER |
| 2 | 8 | DT | | | | INELIGIBLE DATE | INELIGIBLE DATE (.152) |
| 3 | 40 | ST | | | | INELIGIBLE REASON | INELIGIBLE REASON (.307) |
| 4 | 75 | ST | | | | INELIGIBLE VARO DECISION | INELIGIBLE VARO DECISION (.1656) |
| 5 | 30 | ST | | | | INELIGIBLE TWX CITY | NOT USED AT THIS TIME |
| 6 | 1 | ID | | | | INELIGIBLE TWX SOURCE | NOT USED AT THIS TIME |
| 7 | 4 | ID | | | | INELIGIBLE TWX STATE | NOT USED AT THIS TIME |

ZIO VA-Specific Inpatient/Outpatient Information Segment

| SEQ | LEN | DT | R/O | RP/# | TBL # | ELEMENT NAME | VistA ELEMENT NAME VistA Field or Expression |
|-----|-----|----|-----|------|-------|---|---|
| 1 | 4 | SI | R | | | SET ID | Sequential number |
| 2 | 3 | NM | | | | NUMBER OF INPATIENT DAYS SINCE LAST MEANS TEST | Computed |
| 3 | 3 | NM | | | | NUMBER OF OUTPATIENT DAYS SINCE LAST MEANS TEST | Computed |
| 4 | 8 | DT | | | | DATE OF LAST VISIT | Computed (Last OPT or Inpatient stay) |

ZIR VA-Specific Income Relation Segment

| SEQ | LEN | DT | R/O | RP/# | TBL# | ELEMENT NAME | VistA ELEMENT NAME Income Relation (#408.22) File Field or Expression |
|-----|-----|----|-----|------|------|------------------------------|--|
| 1 | 4 | SI | R | | | SET ID | Sequential number |
| 2 | 1 | ID | | | VA01 | MARRIED LAST CALENDAR YEAR | MARRIED LAST CALENDAR YEAR (.05) |
| 3 | 1 | ID | | | VA01 | LIVED WITH PATIENT | LIVED WITH PATIENT (.06) |
| 4 | 8 | NM | | | | AMOUNT CONTRIBUTED TO SPOUSE | AMOUNT CONTRIBUTED TO SPOUSE (.07) |
| 5 | 1 | ID | | | VA01 | DEPENDENT CHILDREN | DEPENDENT CHILDREN (.08) |
| 6 | 1 | ID | | | VA01 | INCAPABLE OF SELF-SUPPORT | INCAPABLE OF SELF-SUPPORT (.09) |
| 7 | 1 | ID | | | VA01 | CONTRIBUTED TO SUPPORT | CONTRIBUTED TO SUPPORT (.1) |
| 8 | 1 | ID | | | VA01 | CHILD HAD INCOME | CHILD HAD INCOME (.11) |
| 9 | 1 | ID | | | VA01 | INCOME AVAILABLE TO YOU | INCOME AVAILABLE TO YOU (.12) |
| 10 | 2 | NM | | | | NUMBER OF DEPENDENT CHILDREN | NUMBER OF DEPENDENT CHILDREN (.13) |

ZIV VA-Specific Message Processing Segment

| SEQ | LEN | DT | R/O | RP/# | TBL # | ELEMENT NAME | VistA ELEMENT NAME VistA Field or Expression |
|-----|-----|----|-----|------|-------|-----------------------------------|--|
| 1 | 4 | SI | R | | | SET ID | Sequential number |
| 2 | 8 | DT | *R | | | INCOME YEAR | YEAR (.01) Individual Annual Income (#408.21) file. |
| 3 | 2 | ID | | | | CLIENT ID ERROR MESSAGE | No corresponding VistA field at this time. |
| 4 | 16 | ST | | | | NEW CLIENT SSN | SSN (.09) Patient (#2) file. |
| 5 | 2 | ID | | | | SPOUSE ID ERROR MESSAGE | No corresponding VistA field at this time. |
| 6 | 16 | ST | | | | NEW SPOUSE SSN | SSN (.09) Income Person (#408.13) file. |
| 7 | 16 | CK | | | | SPOUSE ID (INTERNAL ENTRY NUMBER) | Internal Entry Number of PATIENT RELATION (#408.12) file. |
| 8 | 2 | ID | | | | IVM CASE STATUS | No corresponding VistA field at this time. |
| 9 | 16 | CK | | | | IVM ID (INTERNAL) | No corresponding VistA field at this time. |
| 10 | 1 | ID | | | | INSURANCE UPLOAD STATUS | Computed (1=Uploaded, 0=Rejected) |
| 11 | 2 | ID | | | | REASON INS. NOT UPLOADED | REASON CODE (.01) of IVM Reasons for Not Uploading Ins. (#301.91) file |
| 12 | 19 | TS | | | | CLIENT DATE OF DEATH | DATE OF DEATH (.351) Patient (#2) file. |

ZPD VA-Specific Patient Information Segment

| SEQ | LEN | DT | R/O | RP/# | TBL# | ELEMENT NAME | VistA ELEMENT NAME Patient (#2) File Field or Expression |
|-----|-----|----|-----|------|------|---------------------------------------|---|
| 1 | 4 | SI | R | | | SET ID - PATIENT ID | Sequential number |
| 2 | 60 | ST | | | | REMARKS | REMARKS (.091) |
| 3 | 20 | ST | | | | PLACE OF BIRTH CITY | PLACE OF BIRTH CITY (.092) |
| 4 | 2 | ST | | | | PLACE OF BIRTH STATE | PLACE OF BIRTH STATE (.093) abbreviation only |
| 5 | 2 | ID | | | VA02 | CURRENT MEANS TEST STATUS | CURRENT MEANS TEST STATUS (.14) |
| 6 | 35 | ST | | | | FATHER'S NAME | FATHER'S NAME (.2401) |
| 7 | 35 | ST | | | | MOTHER'S NAME | MOTHER'S NAME (.2402) |
| 8 | 1 | ID | | | VA01 | RATED INCOMPETENT | RATED INCOMPETENT (.293) |
| 9 | 19 | TS | | | | DATE OF DEATH | DATE OF DEATH (.351) |
| 10 | 48 | PN | | | | COLLATERAL SPONSOR | COLLATERAL SPONSOR (.3601) |
| 11 | 1 | ID | | | VA01 | ACTIVE HEALTH INSURANCE? | ACTIVE HEALTH INSURANCE? (computed) |
| 12 | 1 | ID | | | VA01 | COVERED BY MEDICAID? | COVERED BY MEDICAID? (.381) |
| 13 | 19 | TS | | | | DATE MEDICAID LAST ASKED | DATE MEDICAID LAST ASKED (.382) |
| 14 | 1 | ID | | | VA07 | RACE | RACE (.06) |
| 15 | 3 | ID | | | VA08 | RELIGION | RELIGION (.08) |
| 16 | 1 | ID | | | VA01 | HOMELESS INDICATOR | HOMELESS INDICATOR (computed) |
| 17 | 1 | ID | | | VA01 | POW STATUS INDICATED? | POW STATUS INDICATED? (.525) |
| 18 | 2 | ID | | | VA12 | TYPE OF INSURANCE | TYPE OF INSURANCE (computed) |
| 19 | 1 | ID | | | VA14 | MEDICATION COPAYMENT EXEMPTION STATUS | MEDICATION COPAY EXEMPTION STATUS (computed) |

ZMT VA-Specific Means Test Information Segment

| SEQ | LEN | DT | R/O | RP/# | TBL # | ELEMENT NAME | VistA ELEMENT NAME Annual Means Test (#408.31) File Field or Expression |
|-----|-----|----|-----|------|-------|-------------------------------|--|
| 1 | 4 | SI | R | | | SET ID - PATIENT ID | Sequential number (1= Means Test, 2 = Copay Test) |
| 2 | 8 | DT | | | | MEANS TEST DATE | DATE OF TEST (.01) |
| 3 | 2 | IS | | | VA02 | MEANS TEST STATUS | STATUS (.03) |
| 4 | 10 | NM | | | | INCOME | INCOME (.04) |
| 5 | 10 | NM | | | | NET WORTH | NET WORTH (.05) |
| 6 | 19 | TS | | | | DATE/TIME OF ADJUDICATION | ADJUDICATION DATE/TIME (.1) |
| 7 | 1 | IS | | | VA01 | AGREED TO PAY DEDUCTIBLE | AGREED TO PAY DEDUCTIBLE (.11) |
| 8 | 8 | NM | | | | THRESHOLD A | THRESHOLD A (.12) |
| 9 | 10 | NM | | | | DEDUCTIBLE EXPENSES | DEDUCTIBLE EXPENSES (.15) |
| 10 | 19 | TS | | | | DATE/TIME MT COMPLETED | DATE/TIME COMPLETED (.07) |
| 11 | 1 | IS | | | VA01 | PREVIOUS YR MT THRESHOLD FLAG | PREVIOUS YEARS THRESHOLD (.16) |
| 12 | 2 | NM | | | | TOTAL DEPENDENTS | TOTAL DEPENDENTS (.18) |
| 13 | 1 | IS | | | VA01 | HARDSHIP | HARDSHIP (.2) |
| 14 | 8 | DT | | | | HARDSHIP REVIEW DATE | HARDSHIP REVIEW DATE (.21) |
| 15 | 19 | TS | | | | DATE VETERAN SIGNED TEST | DATE VETERAN SIGNED TEST (.24) |
| 16 | 1 | IS | | | VA01 | DECLINES TO GIVE INCOME INFO | DECLINES TO GIVE INCOME INFO (.14) |
| 17 | 1 | IS | | | | TYPE OF TEST | TYPE OF TEST (.019); 1 = Means Test, 2=Copay Test |
| 18 | 1 | IS | | | | ***SOURCE OF TEST | SOURCE OF TEST (.23); 1=VAMC, 2=IVM,3=DCD,4=Other Source |
| 19 | 1 | IS | | | VA01 | PRIMARY TEST? | PRIMARY INCOME TEST FOR YEAR? (2) |
| 20 | 8 | DT | | | | DATE IVM VERIF. MT COMPLETED | DATE IVM VERIFIED MEANS TEST COMPLETED (.25) |

ZMT VA-Specific Means Test Information Segment

| SEQ | LEN | DT | R/O | RP/# | TBL # | ELEMENT NAME | VistA ELEMENT NAME Annual Means Test (#408.31) File Field or Expression |
|-----|-----|----|-----|------|--------|-------------------------|--|
| 21 | 1 | IS | | | VA01 | REFUSED TO SIGN | REFUSED TO SIGN (.26) |
| 22 | 7 | IS | | | VA0115 | SITE CONDUCTING TEST | SITE CONDUCTING TEST (2.05) |
| 23 | 7 | IS | | | VA0115 | SITE GRANTING HARDSHIP | SITE GRANTING HARDSHIP (2.04) |
| 24 | 8 | DT | | | | HARDSHIP EFFECTIVE DATE | HARDSHIP EFFECTIVE DATE (2.01) |
| 25 | 19 | TS | | | | DATE/TIME LAST EDITED | DATE/TIME LAST EDITED (2.02) |
| 26 | 2 | IS | | | VA02 | TEST-DETERMINED STATUS | TEST-DETERMINED STATUS (2.03) |

Notes:

- * Deletion of a Test: SEQ 1 indicates the type of test to delete.
 SEQ 2 will be used to indicate which income year test to delete. The income year is the year prior to the date of the means test.
 SEQ 3 = HLQ will indicate that the test should be deleted.
- ** Deletion of a Hardship Determination:
 SEQ 24 = HLQ will indicate that the hardship determination should be deleted.
 SEQ 2 will be used to indicate for which income year to delete the hardship determination . The income year is the year prior to the date of the means test.

ZRD Rated Disabilities Segment

| SEQ | LEN | DT | R/O | RP/# | TBL# | ELEMENT NAME | VistA ELEMENT NAME Patient (#2.3721) Sub-File Field or Expression |
|-----|-----|----|-----|------|------|------------------------|--|
| 1 | 4 | SI | R | | | SET ID | Sequential Number |
| 2 | 4 | ID | | | VA13 | RATED DIABILITIES (VA) | RATED DIABILITIES (VA) (.01) |
| 3 | 3 | NM | | | | DISABILITY % | DISABILITY % (2) |
| 4 | 1 | ID | | | VA01 | SERVICE CONNECTED | SERVICE CONNECTED (3) |

ZSP VA-Specific Service Period Segment

| SEQ | LEN | DT | R/O | RP/# | TBL# | ELEMENT NAME | VistA ELEMENT NAME Patient (#2) File Field or Expression |
|-----|-----|----|-----|------|------|------------------------------|---|
| 1 | 4 | SI | R | | | SET ID | Sequential number |
| 2 | 1 | ID | | | VA01 | SERVICE CONNECTED? | SERVICE CONNECTED? (.301) |
| 3 | 3 | NM | | | | SERVICE CONNECTED PERCENTAGE | SERVICE CONNECTED PERCENTAGE (.302) |
| 4 | 2 | ID | | | VA11 | PERIOD OF SERVICE | PERIOD OF SERVICE (.323) |
| 5 | 1 | ST | | | | VIETNAM SERVICE INDICATED? | VIETNAM SERVICE INDICATED? (.32101) |
| 6 | 1 | ID | | | VA01 | P&T | P&T (.304) |
| 7 | 1 | ID | | | VA01 | UNEMPLOYABLE | UNEMPLOYABLE (.305) |
| 8 | 19 | TS | | | | SC AWARD DATE | SC AWARD DATE (.3012) |

ZTA VA-Specific Temporary Address Segment

| SEQ | LEN | DT | R/O | RP/# | TBL # | ELEMENT NAME | VistA ELEMENT NAME Patient (#2) File Field or Expression |
|-----|-----|----|-----|------|-------|--------------------------|---|
| 1 | 4 | SI | R | | | SET ID - PATIENT ID | Sequential Number |
| 2 | 1 | ID | | | VA01 | TEMPORARY ADDRESS? | TEMPORARY ADDRESS ENTER/EDIT? (.12105) |
| 3 | 8 | DT | | | | TEMPORARY ADDRESS START | TEMPORARY ADDRESS START DATE (.1217) |
| 4 | 8 | DT | | | | TEMPORARY ADDRESS END | TEMPORARY ADDRESS END DATE (.1218) |
| 5 | 106 | AD | | | | TEMPORARY ADDRESS | TEMPORARY ADDRESS (fields .1211-.1216) |
| 6 | 4 | ID | | | | TEMPORARY ADDRESS COUNTY | TEMPORARY ADDRESS COUNTY (.12111) |
| 7 | 40 | TN | | | | TEMPORARY ADDRESS PHONE | TEMPORARY PHONE NUMBER (.1219) |

BHS Batch Header Segment

| SEQ | LEN | DT | R/O | RP/# | TBL# | ELEMENT NAME | VistA DESCRIPTION |
|-----|-----|----|-----|------|------|-----------------------------|---|
| 1 | 1 | ST | R | | | Batch Field Separator | Recommended value is ^ (caret) |
| 2 | 4 | ST | R | | | Batch Encoding Characters | Recommended delimiter values: Component = ~ (tilde) Repeat = (bar) Escape = \ (back slash) Subcomponent = & (ampersand) |
| 3 | 15 | ST | | | | Batch Sending Application | When originating from facility: IVM When originating from HEC: IVM CENTER |
| 4 | 20 | ST | | | | Batch Sending Facility | When originating from facility: Station's facility number When originating from HEC: 724 |
| 5 | 15 | ST | | | | Batch Receiving Application | When originating from facility: IVM CENTER When originating from HEC: IVM |
| 6 | 20 | ST | | | | Batch Receiving Facility | When originating from facility: 724 When originating from HEC: Station's facility number |
| 7 | 26 | TS | | | | Batch Creation Date/Time | Date and time batch message was created |
| 8 | 40 | ST | | | | Batch Security | Not used |
| 9 | 20 | ST | | | | Batch Name/ID/Type | 4 Components: Component 1: Batch Name (Not used) Component 2: Processing ID Component 3: Message Type Component 4: Version ID <i>These 4 components must be separated by the HL7 component separator. The processing ID, message type, and version ID correspond to fields of the same name in the MSH segment</i> |
| 10 | 80 | ST | | | | Batch Comment | 2 Components: Component 1: Refer to Table 0008 Component 2: Text Message |
| 11 | 20 | ST | | | | Batch Control ID | Automatically generated by VistA HL7 Package |
| 12 | 20 | ST | | | | Reference Batch Control ID | Batch Control ID of batch message being acknowledged |

BTS Batch Trailer Segment

| SEQ | LEN | DT | R/O | RP/# | TBL# | ELEMENT NAME | VistA DESCRIPTION |
|-----|-----|----|-----|------|------|---------------------|---|
| 1 | 10 | ST | | | | Batch Message Count | Number of messages within the batch message |
| 2 | 80 | ST | | | | Batch Comment | Not used at this time |
| 3 | 100 | CM | | Y | | Batch Totals | Not used at this time |

MSH Message Header Segment

| SEQ | LEN | DT | R/O | RP/# | TBL# | ELEMENT NAME | VistA DESCRIPTION |
|-----|-----|----|-----|------|------|---------------------------------|---|
| 1 | 1 | ST | R | | | Field Separator | Recommended value is ^ (caret) |
| 2 | 4 | ST | R | | | Encoding Characters | Recommended delimiter values: Component = ~ (tilde) Repeat = (bar) Escape = \ (back slash) Subcomponent = & (ampersand) |
| 3 | 15 | ST | | | | Sending Application | When originating from facility: IVM When originating from HEC: IVM CENTER |
| 4 | 20 | ST | | | | Sending Facility | When originating from facility: Station's facility number When originating from HEC: 724 |
| 5 | 30 | ST | | | | Receiving Application | When originating from facility: IVM CENTER When originating from HEC: IVM |
| 6 | 30 | ST | | | | Receiving Facility | When originating from facility: 724 When originating from HEC: Stations facility number |
| 7 | 26 | TS | | | | Date/Time Of Message | Date and time message was created |
| 8 | 40 | ST | | | | Security | Not used |
| 9 | 7 | CM | R | | 0076 | Message Type | 2 Components: Component 1: <i>Refer to HL7 Table 0076</i> Component 2: <i>Message Event Type Code</i> |
| 10 | 20 | ST | R | | | Message Control ID | Automatically generated by VistA HL7 Package |
| 11 | 1 | ID | R | | 0103 | Processing ID | P (Production) |
| 12 | 8 | ID | R | | 0104 | Version ID | 2.2 (Version 2.2) |
| 13 | 15 | NM | | | | Sequence Number | Not used at this time |
| 14 | 180 | ST | | | | Continuation Pointer | Not used at this time |
| 15 | 2 | ID | | | 0155 | Accept Acknowledgment Type | Not used at this time |
| 16 | 2 | ID | | | 0155 | Application Acknowledgment Type | Not used at this time |
| 17 | 2 | ID | | | | Country Code | Not used at this time |

MSA Message Acknowledgment Segment

| SEQ | LEN | DT | R/O | RP/# | TBL# | ELEMENT NAME | VistA DESCRIPTION |
|-----|-----|----|-----|------|------|-----------------------------|--|
| 1 | 2 | ID | R | | 0008 | Acknowledgment Code | <i>Refer to Table 0008</i> |
| 2 | 20 | ST | R | | | Message Control ID | Message Control ID of message being acknowledged |
| 3 | 80 | ST | | | | Text Message | Error text denoting why the message was rejected |
| 4 | 15 | NM | | | | Expected Sequence Number | Not used |
| 5 | 1 | ID | | | 0102 | Delayed Acknowledgment Type | Not used |
| 6 | 100 | CE | | | | Error Condition | Not used |

ZFE VA-Specific Fee Basis Segment

| Field Name | Seq | Len | DT | R/O | R | Table | VistA Description | Origin of Data | U |
|-------------------------|-----|-----|----|-----|---|--------|--|---|---|
| Set ID | 1 | 4 | ST | R | R | | Sequential Number | | Y |
| Treatment Code | 2 | 200 | CE | O | | VA0033 | Treatment Code, shown as identifier and the name of the coding system. Ex: SHORT TERM FEE STATUS^^VA0033 is the identifier (SHORT TERM FEE STATUS) and the coding system (VA0033 table). The second piece of this string is null (text describing the identifier). | TREATMENT TYPE CODE field (#.095) of the AUTHORIZATION multiple (#161.01) of the FEE BASIS PATIENT file (#161). | Y |
| Fee Basis Program | 3 | 200 | CE | R | | VA0034 | Fee Basis Program, shown as the identifier and the name of the coding system. Ex: OUTPATIENT^^VA0034 is the identifier (OUTPATIENT) and the coding system (VA0034 table). The second piece of this string is null (text describing the identifier). | FEE PROGRAM field (#03) of the AUTHORIZATION multiple (#161.01) of the FEE BASIS PATIENT file (#161). | Y |
| Authorization From Date | 4 | 26 | DT | O | | | Beginning date of the Fee Basis authorization The date must be Y2K compliant. | FROM DATE field (#.01) of the AUTHORIZATION multiple (#161.01) of the FEE BASIS PATIENT file (#161) | Y |
| Authorization To Date | 5 | 26 | DT | O | | | Ending date of the Fee Basis authorization The date must be Y2K compliant. | TO DATE field (#.02) of the AUTHORIZATION multiple (#161.01) of the FEE BASIS PATIENT file (#161). | Y |

ZCD VA Specific Catastrophic Disability Segment

| SEQ | LEN | DT | R/O | RP/# | TBL# | ELEMENT NAME | VISTA ELEMENT NAME Patient (#2) File Field or Expression |
|-----|-----|----|-----|------|--------|-------------------------------|---|
| 1 | 4 | SI | R | | | SET ID | SEQUENTIAL NUMBER |
| 2 | 8 | DT | R | | | REVIEW DATE | REVIEW DATE (.394) |
| 3 | 35 | ST | R | | | DECIDED BY | DECIDED BY (.391) |
| 4 | 7 | ID | R | | VA0115 | FACILITY MAKING DETERMINATION | FACILITY MAKING DETERMINATION (.393) |
| 5 | 8 | DT | R | | | DATE OF DECISION | DATE OF DECISION (.392) |
| 6 | 60 | CE | R | | VA0041 | DETERMINATION METHOD | METHOD OF DETERMINATION field (#new field) of the PATIENT file (#2) |
| 7 | 60 | CE | O | | | CD DIAGNOSIS | DIAGNOSIS field (#new field) of the PATIENT file (#2) |
| 8 | 60 | CE | O | | | CD PROCEDURE | PROCEDURE field (#new field) of the PATIENT file (#2) |
| 9 | 60 | CE | O | | VA0042 | AFFECTED EXTREMITY | AFFECTED EXTREMITY (#new field) of the PATIENT file (#2) |
| 10 | 4 | CE | O | | VA0043 | CD CONDITION | CONDITION field (#new field) in the PATIENT file (#2) |
| 11 | 6 | ST | O | | | SCORE | SCORE [NEW FIELD]. Valid Value any whole number. |
| 12 | 1 | ID | R | | 0136 | CATASTROPHICALLY DISABLED | VETERAN CATASTROPHICALLY DISABLED (#new field) |
| 13 | 60 | CE | O | | VA0045 | PERMANENT INDICATOR | PERMANENT INDICATOR field (#new field) in the PATIENT file (#2) |

Supported/User-Defined HL7 Tables

Table 0001 Sex

| Value | Description |
|-------|-------------|
| F | FEMALE |
| M | MALE |
| O | OTHER |
| U | UNKNOWN |

Table 0002 Marital Status

| Value | Description |
|-------|-------------|
| A | SEPARATED |
| D | DIVORCED |
| M | MARRIED |
| S | SINGLE |
| W | WIDOWED |

Table 0008 Acknowledgment code

| Value | Description |
|-------|--|
| AA | Original mode: Application Accept Enhanced mode: Application Acknowledgment: Accept |
| AE | Original mode: Application Error Enhanced mode: Application Acknowledgment: Error |
| AR | Original mode: Application Reject Enhanced mode: Application Acknowledgment: Reject |
| CA | Enhanced mode: Accept Acknowledgment: Commit Accept |
| CE | Enhanced mode: Accept Acknowledgment: Commit Error |
| CR | Enhanced mode: Accept Acknowledgment: Commit Reject |

Table 0076 Message Type

| Value | Description |
|-------|------------------------|
| ADT | ADT MESSAGE |
| ACK | GENERAL ACKNOWLEDGMENT |

Table 0103 Processing ID

| Value | Description |
|-------|-------------|
| D | DEBUGGING |
| P | PRODUCTION |
| T | TRAINING |

Table 0104 Version ID

| Value | Description |
|-------|-------------|
| 2.0 | RELEASE 2.0 |
| 2.0D | DEMO 2.0 |
| 2.1 | RELEASE 2.1 |
| 2.2 | RELEASE 2.2 |

Table VA01 Yes/No

| Value | Description |
|-------|-------------|
| 0 | NO |
| 1 | YES |

Table VA02 Current Means Test Status

Code (#.02) field of Means Test Status (#408.32) file

| Value | Description |
|-------|----------------------|
| A | CATEGORY A |
| B | CATEGORY B |
| C | CATEGORY C |
| E | EXEMPT |
| I | INCOMPLETE |
| L | NO LONGER APPLICABLE |
| M | NON-EXEMPT |
| N | NO LONGER REQUIRED |
| P | PENDING ADJUDICATION |
| R | REQUIRED |

Table VA03 Employment Status

Employment Status (#.31115) field of Patient (#2) file

| Value | Description |
|-------|----------------------|
| 1 | EMPLOYED FULL TIME |
| 2 | EMPLOYED PART TIME |
| 3 | NOT EMPLOYED |
| 4 | SELF EMPLOYED |
| 5 | RETIRED |
| 6 | ACTIVE MILITARY DUTY |
| 9 | UNKNOWN |

Table VA04 Eligibility

Internal Entry Number of MAS Eligibility Code (#8.1) file

| Value | Description |
|-------|-------------------------------|
| 1 | SERVICE CONNECTED 50% to 100% |
| 2 | AID & ATTENDANCE |
| 3 | SC LESS THAN 50% |
| 4 | NSC - VA PENSION |
| 5 | NSC |
| 6 | OTHER FEDERAL AGENCY |
| 7 | ALLIED VETERAN |
| 8 | HUMANITARIAN EMERGENCY |
| 9 | SHARING AGREEMENT |
| 10 | REIMBURSABLE INSURANCE |
| 12 | CHAMPVA |
| 13 | COLLATERAL OF VET. |
| 14 | EMPLOYEE |
| 15 | HOUSEBOUND |
| 16 | MEXICAN BORDER WAR |
| 17 | WORLD WAR I |
| 18 | PRISONER OF WAR |

Table VA05 Disability Retirement From Military

Disability Ret. From Military? (#.362) field of Patient (#2) file

| Value | Description |
|-------|---|
| 0 | NO |
| 1 | YES, RECEIVING MILITARY RETIREMENT |
| 2 | YES, RECEIVING MILITARY RETIREMENT IN LIEU OF VA COMPENSATION |
| 3 | UNKNOWN |

Table VA06 Eligibility Status

Eligibility Status (#.3611) field of Patient (#2) file

| Value | Description |
|-------|-------------------------|
| P | PENDING VERIFICATION |
| R | PENDING RE-VERIFICATION |
| V | VERIFIED |

Table VA07 Race

Abbreviation (#2) field of Race (#10) file

| Value | Description |
|-------|----------------------------------|
| 1 | HISPANIC, WHITE |
| 2 | HISPANIC, BLACK |
| 3 | AMERICAN INDIAN OR ALASKA NATIVE |
| 4 | BLACK, NOT OF HISPANIC ORIGIN |
| 5 | ASIAN OR PACIFIC ISLANDER |
| 6 | WHITE, NOT OF HISPANIC ORIGIN |
| 7 | UNKNOWN |

Table VA08 Religion

Code (#3) field of Religion (#13) file

| Value | Description |
|-------|---------------------------|
| 0 | CATHOLIC |
| 1 | JEWISH |
| 2 | EASTERN ORTHODOX |
| 3 | BAPTIST |
| 4 | METHODIST |
| 5 | LUTHERAN |
| 6 | PRESBYTERIAN |
| 7 | UNITED CHURCH OF CHRIST |
| 8 | EPISCOPALIAN |
| 9 | ADVENTIST |
| 10 | ASSEMBLY OF GOD |
| 11 | BRETHREN |
| 12 | CHRISTIAN SCIENTIST |
| 13 | CHURCH OF CHRIST |
| 14 | CHURCH OF GOD |
| 15 | DISCIPLES OF CHRIST |
| 16 | EVANGELICAL COVENANT |
| 17 | FRIENDS |
| 18 | JEHOVAH'S WITNESS |
| 19 | LATTER-DAY SAINTS |
| 20 | ISLAM |
| 21 | NAZARENE |
| 22 | OTHER |
| 23 | PENTECOSTAL |
| 24 | PROTESTANT, OTHER |
| 25 | PROTESTANT, NO PREFERENCE |
| 26 | REFORMED |
| 27 | SALVATION ARMY |
| 28 | UNITARIAN; UNIVERSALIST |
| 29 | UNKNOWN/NO PREFERENCE |

Table VA09 Relationship Number

Relationship Number (#.001) field [internal entry number] of Relationship (#408.11) file

| Value | Description |
|-------|-----------------|
| 1 | SELF |
| 2 | SPOUSE |
| 3 | SON |
| 4 | DAUGHTER |
| 5 | STEPSON |
| 6 | STEPDAUGHTER |
| 7 | FOSTER SON |
| 8 | FOSTER DAUGHTER |
| 9 | SON-IN-LAW |
| 10 | DAUGHTER-IN-LAW |
| 11 | BROTHER |
| 12 | SISTER |
| 13 | STEPBROTHER |
| 14 | STEPSISTER |
| 15 | BROTHER-IN-LAW |
| 16 | SISTER-IN-LAW |
| 17 | FATHER |
| 18 | MOTHER |
| 19 | STEPPFATHER |
| 20 | STEPMOTHER |

Table VA09 Relationship Number (continued)

Relationship Number (#.001) field [internal entry number] of Relationship (#408.11) file

| Value | Description |
|-------|---------------------|
| 21 | FATHER-IN-LAW |
| 22 | MOTHER-IN-LAW |
| 23 | GRANDFATHER |
| 24 | GRANDMOTHER |
| 25 | GREAT-GRANDFATHER |
| 26 | GREAT-GRANDMOTHER |
| 27 | GRANDSON |
| 28 | GRANDDAUGHTER |
| 29 | GREAT-GRANDSON |
| 30 | GREAT-GRANDDUAGHTER |
| 31 | NEPHEW |
| 32 | NIECE |
| 33 | UNCLE |
| 34 | AUNT |
| 99 | OTHER |

Table VA11 Period of Service

Internal Entry Number of Period of Service (#21) file

| Value | Description |
|-------|---------------------------|
| 0 | KOREAN |
| 1 | WORLD WAR I |
| 2 | WORLD WAR II |
| 3 | SPANISH AMERICAN |
| 4 | PRE-KOREAN |
| 5 | POST-KOREAN |
| 6 | OPERATION DESERT SHIELD |
| 7 | VIETNAM ERA |
| 8 | POST-VIETNAM |
| 9 | OTHER OR NONE |
| A | ARMY—ACTIVE DUTY |
| B | NAVY, MARINE—ACTIVE DUTY |
| C | AIR FORCE—ACTIVE DUTY |
| D | COAST GUARD—ACTIVE DUTY |
| E | RETIRED, UNIFORMED FORCES |
| F | MEDICAL REMEDIAL ENLIST |
| G | MERCHANT SEAMEN—USPHS |
| H | OTHER USPHS BENEFICIARIES |
| I | OBSERVATION/EXAMINATION |
| J | OFFICE OF WORKERS COMP |
| K | JOB CORPS/PEACE CORPS |
| L | RAILROAD RETIREMENT |
| M | BENEFICIARIES-FOREIGN GOV |
| N | HUMANITARIAN (NON-VET) |
| O | CHAMPUS RESTORE |
| P | OTHER REIMBURS. (NON-VET) |
| Q | OTHER FEDERAL - DEPENDENT |
| R | DONORS (NON-VET) |
| S | SPECIAL STUDIES (NON-VET) |
| T | OTHER NON-VETERANS |
| U | CHAMPVA—SPOUSE, CHILD |
| V | CHAMPUS |
| W | CZECHOSLOVAKIA/POLAND SVC |
| X | PERSIAN GULF WAR |
| Y | CAV/NPS |
| Z | MERCHANT MARINE |

Table VA13 Rated Disabilities

Number (.001) Field [internal entry number] of the Rated Disabilities (#31) File
(Sample listing of possible values)

| Value | Description |
|-------|------------------------|
| 1 | OSTEOMYELITIS |
| 2 | BONE DISEASE |
| 3 | RHEUMATOID ARTHRITIS |
| 4 | DEGENERATIVE ARTHRITIS |
| 5 | ARTHRITIS |

Table VA14 Medication Copayment Exemption Status

| Value | Description |
|-------|-------------|
| 0 | NON-EXEMPT |
| 1 | EXEMPT |

Table VA15 Enrollment Status

| Value | Description |
|-------|-------------------|
| 1 | Unverified |
| 2 | Verified |
| 3 | Inactive |
| 4 | Rejected |
| 5 | Suspended |
| 6 | Terminated |
| 7 | Canceled/Declined |
| 8 | Expired |
| 9 | Pending |

Table VA0115 Servicing Facility (user defined)

(From Intface-ambcare.doc)
Sample listing of possible values

| Value | Description |
|---------|----------------------------|
| 512 9AC | Perry Point (Nursing Home) |

Table VA16 Reason Enrollment Canceled/Declined

| Value | Description |
|-------|------------------------|
| 1 | Dissatisfied with Care |
| 2 | Geographic Access |
| 3 | Other Insurance |
| 4 | Other |

Table VA17 Enrollment Priority

| Value | Description |
|-------|-------------|
| 1 | Priority 1 |
| 2 | Priority 2 |
| 3 | Priority 3 |
| 4 | Priority 4 |
| 5 | Priority 5 |
| 6 | Priority 6 |
| 7 | Priority 7 |