INCOME VERIFICATION MATCH

(IVM)

TECHNICAL MANUAL

Version 2.0

October 1994

Department of Veterans Affairs
V*IST***A** Health Systems Design and Development (HSD&D)

Revision History

Date	Description	Project Manager (beginning 1/19/05)	Author
10/9/01	Added OBX segment to ORU~Z07 HL7 Message Definition in Appendix A		Karen Stella
10/9/01	Updated OBX segment in ORF~Z11 and ORU~Z11 HL7 Message Definitions in Appendix A		Karen Stella
10/9/01	Updated OBX Segment Table in Appendix B to include NTR data descriptions		Karen Stella
10/9/01	Added VA0052 and VA0053 to Supported/User-Defined Tables section in Appendix B		Karen Stella
10/19/01	Added OBX segment to ORF~Z07 HL7 Message Definition in Appendix A		Karen Stella
10/19/01	Added ORU/ORF~Z10 HL7 Message Definitions in Appendix A		Karen Stella
10/19/01	Added sequences 24 – 26 to ZMT segment table definition in appendix B		Karen Stella
10/19/01	Added sequences to 22 – 23 to ZIC Segment Table Definition in Appendix B		Karen Stella
10/19/01	Added sequences 6 – 13 to ZCD Segment Table Definition in Appendix B		Karen Stella
10/19/01	Added ZIV to Segment Table Definitions in Appendix B		Karen Stella
10/30/01	Added ORU/ORF to HL7 Message Events Table in Appendix A		Karen Stella
12/7/01	Added ORF~Z06 to HL7 Message Definitions in Appendix A		Karen Stella
12/7/01	Updated ZMT Segment Table in Appendix A		Karen Stella
12/7/01	Added Table VA0051 to Supported/User-Defined Tables section in Appendix B		Karen Stella
12/7/01	Updated Table VA15 in Supported/User-Defined Tables section in Appendix B		Karen Stella
12/7/01	Updated Table VA0035 in Supported/User-Defined Tables section in Appendix B		Karen Stella
1/2/2002	Updated Enrollment Trigger Events section in Appendix A		Kevin Louck Bob Shetler
1/10/02	Added ZMH Segment Table to Segment Table Definitions in Appendix B		Brian Morgan
4/18/02	Changed narrative occurrences of HL7 V. 1.5 to reflect V. 1.6		Karen Stella
4/18/02	Corrected descriptions of ORU/ORF~Z10 to reflect that they are communications FROM HEC		Karen Stella
5/22/02	Updated date in footers		Karen Stella
5/23/02	Updated ZEL Segment Table in Appendix B		Karen Stella
5/23/02	Added PD1 Segment Table to Segment Table Definitions in Appendix B		Karen Stella
5/31/02	Updated ZMT Segment Table in Appendix B to reflect new test type		Karen Stella

Date	Description	Project Manager (beginning 1/19/05)	Author
10/1/02	Updated HL7 Message Definitions in Appendix A HL7 to support Address Indexing		Brian Morgan
10/7/02	Updated HL7 Segment Table Definitions in Appendix B to support Geographic Means Test and Address Indexing		Karen Stella
11/4/02	Updated HL7 Appendices B to support Geographic Means Test and Address Indexing		Karen Stella
11/5/02	Updated HL7 Appendices B to support Geographic Means Test and Address Indexing		Karen Stella
11/19/02	Added Sequence 34 to ZEL Segment Table Definitions in Appendix B to support Geographic Means Test and Address Indexing		Karen Stella
11/21/02	Added Appendix D – HL7 Flow Diagram		Karen Stella
2/11/03	Added Table VA0040 to Appendix D to support Enrollment Sub-Priority Group		Karen Stella
2/12/03	Updated Table VA0035 in Appendix D to support Enrollment Sub-Priority Group		Karen Stella
2/14/03	Updated Table VA 0004 in appendix D to include Purple Heart code		Brian Morgan Karen Stella
3/3/03	Updated MSH Segment Table in Appendix B (IVM*2*69)		Eric Gustin Karen Stella
3/4/03	Added FTI Segment Table in Appendix B (IVM*2*69)		Eric Gustin Karen Stella
3/4/03	Updated PID Segment Table in Appendix B (IVM*2*69)		Eric Gustin Karen Stella
3/4/03	Updated PD1 Segment Table in Appendix B (IVM*2*69)		Eric Gustin Karen Stella
3/4/03	Updated ZIC Segment Table in Appendix B (IVM*2*69)		Eric Gustin Karen Stella
3/4/03	Updated ZDP Segment Table in Appendix B (IVM*2*69)		Eric Gustin Karen Stella
3/4/03	Updated ZIR Segment Table in Appendix B (IVM*2*69)		Eric Gustin Karen Stella
3/4/03	Updated ZIV Segment Table in Appendix B (IVM*2*69)		Eric Gustin Karen Stella
3/4/03	Updated ZMT Segment Table in Appendix B (IVM*2*69)		Eric Gustin Karen Stella
3/4/03	Updated HL7 Data Types Table in Appendix B (IVM*2*69)		Eric Gustin Karen Stella
3/4/03	Updated HL7 Message Definitions in Appendix A (IVM*2*69)		Eric Gustin Karen Stella
3/4/03	Updated list of HL7 Segments in Appendix A (IVM*2*69)		Eric Gustin Karen Stella
3/7/03	Updates per team feedback		Pat Wilson Karen Stella
5/13/03	Updated ORF/ORU~Z07, ORF/ORU~Z11 message definitions in Appendix A (IVM*2*75)		Chintan Naik Karen Stella
5/13/03	Updated ZEL Segment Table in Appendix B (IVM*2*75)		Chintan Naik Karen Stella
6/19/03	Updated ORU~Z05 message definition in Appendix A (IVMB*2*739)		Stu Kovach Karen Stella

Date	Description	Project Manager (beginning 1/19/05)	Author
6/19/03	Updated EDB references in Appendix A		Pat Wilson
8/8/03	Updated the VA-Specific Patient Information Segment (ZPD) in Appendix B HL7 Table Segment Definitions (IVM*2*85) to accommodate the additional Date of Death enhancement information (source of notification for date of death, date of last entry or update, and submitter/user information).		Tom Hamilton
8/11/03	Updated ORU~Z05, ORU~Z07, ORF~Z07, ORU~Z11, and ORF~Z11 message definitions in Appendix A (IVMB*2*85)		Tom Hamilton
8/11/03	Updated the VA-Specific Patient Information Segment (ZPD) in Appendix B HL7 Table Segment Definitions (IVM*2*85) 31 and 32 based on team feedback.		Tom Hamilton
3/3/04	Removed the ZPD VA-Specific Patient Info Segment Sequence #s 31 & 32 (IVM*2*85) from the Demographic Data Transmission - ORU~Z05 HL7 message definition in Appendix A.		Tom Hamilton
3/12/04	Added ZMH to the following message definitions in Appendix A: • ORU/ORF~Z07 • ORU/ORF~Z11		Karen Stella (per email from Pat Wilson)
5/20/04	Added ZMT VA-Specific LTC Co-Pay Exemption Test Information segment sequences 1-4,7,9-10,12,16-18,22,25 to the ORF~Z10 message definition in Appendix A (IVM*2*56) Added sequences to segments QRD, QRF, ZIC and ZMT in the ORF~Z10 message definition in Appendix A (IVM*2*56)		Tom Hamilton
5/20/04	Added sequences to segments PID, ZPD, ZIE, ZEL, ZCD and OBX in the ORF~Z11 message definition in Appendix A (IVM*2*56)		Tom Hamilton
5/20/04	Updated the VA-Specific Patient Ineligible Segment (ZIE) table for seq. #s 5, 6 and 7 in Appendix B HL7 Table Segment Definitions (IVM*2*56)		Tom Hamilton
5/20/04	Updated the VA-Specific Military History Segment (ZMH) table for seq. #s 2, 3 and 4 in Appendix B HL7 Table Segment Definitions (IVM*2*56)		Tom Hamilton
5/20/04	Added Table VA038 - Military History Type in Appendix D - Supported/User-Defined VA HL7 Tables (IVM*2*56)		Tom Hamilton
5/24/04	Updated the VA-Specific Emergency Contact Segment (ZCT) table TBL# for SEQ 8 & 9 from VA01 To VA001 in Appendix B HL7 Table Segment Definitions (IVM*2*56)		Tom Hamilton

Date	Description	Project Manager (beginning 1/19/05)	Author
5/24/04	Updated the VA-Specific Patient Eligibility Segment (ZEL) table TBL# for seq. #s 2, 5, 8, 10, and 14-20 in Appendix B HL7 Table Segment Definitions (IVM*2*56). Also added missing information for seq. 29, Agent Orange Exposure Location, and new seq. #s 36, 37 and 38 in same VA-Specific Patient Eligibility Segment (ZEL) table.		Tom Hamilton
5/27/04	Added ZEL sequences 29, 37 & 38 to the ORU~Z07/ ORF~Z07 message definitions in Appendix A (IVM*2*56)		Tom Hamilton
6/3/04	Added COMBAT VETERAN END DATE (.5295) Enrollment Trigger Event to the *Trigger Events Implemented via Cross-References* table in Appendix A (IVM*2*56)		Tom Hamilton
8/6/04	Added ZEL sequence 22 to the ORF/ORU~Z07 HL7 message definitions and ZEL sequence 38 to the ORF/ORU~Z11 HL7 message definitions in Appendix A. Added sequence 33, Filipino Veteran Proof, to the ZPD (VA Specific Patient Info Segment) HL7 Segment Table Definitions in Appendix B. Added ZPD sequence 33 to the ORF/ORU~Z07 HL7 message definition in Appendix A. Added new Table VA048 - Filipino Veteran Proof in Appendix D. (IVM*2*97)		Debbie Myers
10/19/04	Corrected Sequence 24 in the VA-Specific Patient Eligibility Segment (ZEL) table in Appendix B.		Pat Wilson Tom Hamilton
10/29/04	Updated table of contents to include ZMH segment table and several supported HL7 reference tables.		Karen Stella
11/04/04	Added PID (Patient Identification Segment) sequence 2, PD1 Patient Demographic 1 Segment (SEQ 3), ZMT VA-Specific Means Test Information Segment sequences 22-29, ZMT VA-Specific LTC Test Information Segment (SEQ 1-5,7,9-10,12,16-18,22,25), ZCD VA-Specific Catastrophic Disability Segment sequences 6-13, ZIC VA-Specific Income Segment sequences 22 & 23, and OBX Observation/Result Segment sequence 12 to the ORF/ORU~Z07 HL7 message definitions in Appendix A. Deleted Sequences 5-12 in the Patient Demographic 1 Segment (PD1) table in the HL7 Segment Table Definitions in Appendix B.		Pat Wilson Tom Hamilton

Date	Description	Project Manager (beginning 1/19/05)	Author
11/10/04	Added curly brackets indicating a repeating segment to the ZMH segment in the ORF/ORU~Z07/Z11 HL7 message definitions in Appendix A.		Terry Moore Tom Hamilton
01/04/05	Checked and updated for 508 compliance by adding alt text to graphics.		Tom Hamilton
1/19/05	Updates to ORU~Z05 message definition in Appendix A	Katherine Harris	Karen Stella
1/19/05	Updates to ZPD segment element names in Appendix B	Katherine Harris	Karen Stella
4/22/05	Updated ZPD segment, sequence length of Sequence 33, in Appendix B per email discussion with ESR team members	Katherine Harris	Karen Stella
4/22/05	Added Table 0048 to Appendix C	Katherine Harris	Karen Stella
4/22/05	Added Table 0126 to Appendix C	Katherine Harris	Karen Stella
4/22/05	Updated ORU~Z07 message definition in Appendix A per email from Laurie Sheppard	Katherine Harris	Laurie Sheppard Karen Stella
4/22/05	Added supplemental data tables following the ZMH segment table in Appendix B per email from Pat Wilson	Katherine Harris	Pat Wilson Terry Moore Karen Stella
4/25/05	Added Table 0017 (Transaction Type) to Appendix C	Katherine Harris	Karen Stella
4/25/05	Added Table 0105 (Source of Comment) to Appendix C	Katherine Harris	Karen Stella
4/25/05	Added Table 0005 (Race) to Appendix C	Katherine Harris	Karen Stella
4/25/05	Added Table 0006 (Religion) to Appendix C	Katherine Harris	Karen Stella
4/25/05	Added Table 0189 (Ethnic Group) to Appendix C	Katherine Harris	Karen Stella
4/25/05	Added Table 0136 (Yes/No Indicator) to Appendix C	Katherine Harris	Karen Stella
4/25/05	Added Table 0106 (Query/Response Format Code) to Appendix C	Katherine Harris	Karen Stella
4/25/05	Added Table 0091 (Query Priority) to Appendix C	Katherine Harris	Karen Stella
4/25/05	Added Table 0108 (Query Results Level) to Appendix C	Katherine Harris	Karen Stella
4/25/05	Added Table 0125 (Value Type) to Appendix C	Katherine Harris	Karen Stella
4/25/05	Added Table 0078 (Abnormal Flags) to Appendix C	Katherine Harris	Karen Stella
4/25/05	Added Table 0080 (Nature of Abnormal Testing) to Appendix C	Katherine Harris	Karen Stella
4/25/05	Added Table 0085 (Observation Result Status Codes Interpretation) to Appendix C	Katherine Harris	Karen Stella
4/25/05	Added Table 0283 (Referral Status) to Appendix C	Katherine Harris	Karen Stella
4/25/05	Added Table 0280 (Referral Priority) to Appendix C	Katherine Harris	Karen Stella
4/25/05	Added Table 0281 (Referral Type) to Appendix C	Katherine Harris	Karen Stella
4/25/05	Added Table 0282 (Referral Disposition) to Appendix C	Katherine Harris	Karen Stella

Date	Description	Project Manager (beginning 1/19/05)	Author
4/25/05	Added Table 0283 (Referral Category) to Appendix C	Katherine Harris	Karen Stella
4/25/05	Added Table VA041 (Determination Method) to Appendix D	Katherine Harris	Karen Stella
4/29/05	Added Table VA042 (Affected Extremity) to Appendix D	Katherine Harris	Karen Stella
4/29/05	Added Table VA043 (Condition Codes) to Appendix D	Katherine Harris	Karen Stella
4/29/05	Added Table VA045 (CD Permanent Indicator) to Appendix D	Katherine Harris	Karen Stella
4/29/05	Added Table VA017 (Enrollment Priority) to Appendix D	Katherine Harris	Karen Stella
4/29/05	Added Table VA022 (Radiation Exposure Method) to Appendix D	Katherine Harris	Karen Stella
4/29/05	Added Table VA036 (Military Sexual Trauma Status) to Appendix D	Katherine Harris	Karen Stella
4/29/05	Added placeholder for Table VA010 (Means Test Indicator) to Appendix D	Katherine Harris	Karen Stella
4/29/05	Added placeholder for Table VA060 (Type of Financial Test) to Appendix D	Katherine Harris	Karen Stella
4/29/05	Added Table VA012 (Type of Insurance) to Appendix D	Katherine Harris	Karen Stella
4/29/05	Added placeholder for Table 0176 (Master File Application Identifier) to Appendix C	Katherine Harris	Karen Stella
4/29/05	Added placeholder for Table 0102 (Delayed Acknowledgement Type) to Appendix C	Katherine Harris	Karen Stella
4/29/05	Added Table 0155 (Accept/Application Acknowledgement Conditions) to Appendix C	Katherine Harris	Karen Stella
4/29/05	Added Table 0211 (Alternate Character Sets) to Appendix C	Katherine Harris	Karen Stella
4/29/05	Added Table 0356 (Alternate Character Set Handling Scheme) to Appendix C	Katherine Harris	Karen Stella
4/29/05	Removed Table VA021 (Enrollment Priority) from Appendix D. (Replaced by Table VA017).	Katherine Harris	Karen Stella
4/29/05	Added code column to Table VA033 (Fee Basis Treatment Code Type)	Katherine Harris	Karen Stella
4/29/05	Added code column to Table VA034 (Fee Basis Program)	Katherine Harris	Karen Stella
4/29/05	Changed column heading Value to Code in all tables in Appendices C and D	Katherine Harris	Karen Stella
4/29/05	Added placeholder for Table 0072 (Insurance Plan ID) to Appendix C	Katherine Harris	Karen Stella
4/29/05	Added placeholder for Table 0132 (Transaction Code) to Appendix C	Katherine Harris	Karen Stella
4/29/05	Added placeholder for Table 0024 (Fee Schedule) to Appendix C	Katherine Harris	Karen Stella
4/29/05	Added placeholder for Table 0049 (Department Code) to Appendix C	Katherine Harris	Karen Stella
4/29/05	Added placeholder for Table 0018 (Patient Type) to Appendix C)	Katherine Harris	Karen Stella

Date	Description	Project Manager (beginning 1/19/05)	Author
4/29/05	Added placeholder for Table 0051 (Diagnosis Code) to Appendix C	Katherine Harris	Karen Stella
4/29/05	Added placeholder for Table 0084 (Performed by Code) to Appendix C	Katherine Harris	Karen Stella
4/29/05	Added placeholder for Table 0088 (Procedure Code) to Appendix C	Katherine Harris	Karen Stella
4/29/05	Added Placeholder for Table 0340 (Procedure Code Modifier) to Appendix C	Katherine Harris	Karen Stella
4/29/05	Added placeholder for Table 0296 (Primary Language) to Appendix C	Katherine Harris	Karen Stella
4/29/05	Added placeholder for Table 0171 (Citizenship) to Appendix C	Katherine Harris	Karen Stella
4/29/05	Added placeholder for Table 0172 (Veterans Military Status) to Appendix C	Katherine Harris	Karen Stella
5/4/05	Added Table VA010 (Means Test Indicator) to Appendix D	Katherine Harris	Karen Stella
5/4/05	Added Table 0132 (Transaction Code) to Appendix C	Katherine Harris	Karen Stella
5/4/05	Added Table VA060 (Type of Financial Test) to Appendix D	Katherine Harris	Karen Stella
5/4/05	Removed placeholder for Table 0176 (Master File Application Identifier) in Appendix C; removed references from all segment tables in Appendix B	Katherine Harris	Karen Stella
5/4/05	Added Table 0024 (Fee Schedule) to Appendix C	Katherine Harris	Karen Stella
5/4/05	Added Table 0018 (Patient Type) to Appendix C)	Katherine Harris	Karen Stella
5/4/05	Added Table 0102 (Delayed Acknowledgement Type) to Appendix C	Katherine Harris	Karen Stella
5/4/05	Added Table 0049 (Department Code) to Appendix C	Katherine Harris	Karen Stella
5/4/05	Added Table 0051 (Diagnosis Code) to Appendix C	Katherine Harris	Karen Stella
5/4/05	Removed placeholder for Table 0084 (Performed by Code) in Appendix C; removed references from all segment tables	Katherine Harris	Karen Stella
5/4/05	Added Table 0088 (Procedure Code) to Appendix C	Katherine Harris	Karen Stella
5/4/05	Added Table 0340 (Procedure Code Modifier) to Appendix C	Katherine Harris	Karen Stella
5/4/05	Removed placeholder for Table 0296 (Primary Language) from Appendix C; removed references from all segment tables in Appendix B	Katherine Harris	Karen Stella
5/4/05	Removed placeholder for Table 0171 (Citizenship) to Appendix C; removed references from all segment tables in Appendix B	Katherine Harris	Karen Stella
5/4/05	Added Table 0172 (Veterans Military Status) to Appendix C	Katherine Harris	Karen Stella

Date	Description	Project Manager (beginning 1/19/05)	Author
5/4/05	Removed placeholder for Table 0072 (Insurance Plan ID) from Appendix C; removed references from all segment tables in Appendix B	Katherine Harris	Karen Stella
5/4/05	Removed references to IV tables from ZIV segment table in Appendix B	Katherine Harris	Karen Stella
5/4/05	Removed Table 0132 (Transaction Code) from Appendix C; removed reference from the FTI segment table in Appendix B	Katherine Harris	Pat Wilson Karen Stella
5/4/05	Updated the FTI segment table in Appendix B based on email from Pat.	Katherine Harris	Pat Wilson Karen Stella
5/4/05	Updated the ZIV segment table in Appendix B based on email from Pat.	Katherine Harris	Pat Wilson Karen Stella
9/20/05	Updated ZPD segment table in Appendix B (IVM*2.0*113)	Katherine Harris	Karen Stella
9/20/05	Updated ORU~Z07, ORF~Z07, ORU~Z11, and ORF~Z11 message definitions in Appendix A (IVM*2.0*113)	Katherine Harris	Karen Stella
9/22/05	Updated Enrolment Trigger Events in Appendix A	Katherine Harris	Karen Stella
10/25/05	IVM Address Change Log File #301.7 added to Files List (IVM*2*108)	Katherine Harris	Tavia Leonard
12/16/05	IVM*2*109 – Enrollment VistA Changes Early Release – updated Table VA004 in Appendix D	Katherine Harris	Karen Stella
12/16/05	IVM*2*109 – Enrollment VistA Changes Early Release – updated Table VA015 in Appendix D	Katherine Harris	Karen Stella
2/9/06	IVM*2*109 – Enrollment VistA Changes Early Release – updated ZEL segment in Appendix B	Katherine Harris	Karen Stella
2/9/06	IVM*2*109 – Enrollment VistA Changes Early Release – modified the ORU~Z07 and ORF~Z07 message definitions in Appendix A	Katherine Harris	Karen Stella
2/9/06	IVM*2*109 – Enrollment VistA Changes Early Release – modified the ORU~Z11 and ORF~Z11 message definitions in Appendix A	Katherine Harris	Karen Stella
3/16/06	IVM*2*114 -Updated ORU~Z07, ORF~Z07, and ORF~Z11 message definitions in Appendix A	Katherine Harris	Tavia Leonard
3/16/06	IVM*2*114 -Added Table VA026 Military Service Component in Appendix D	Katherine Harris	Tavia Leonard
3/18/06	IVM*2*114 -Updated Enrollment Trigger Events in Appendix A	Katherine Harris	Tavia Leonard
3/19/06	IVM*2*114 -Updated ZPD segment table in Appendix B	Katherine Harris	Tavia Leonard
7/13/06	IVM*2*21 (released 8/19/99) – National Reenrollment (a.k.a. Enrollment Phase Two) – removed Eligibility Code 21 (Catastrophically Disabled) from Table VA004 in Appendix D	Katherine Harris	Karen Stella (per email from Darlene Morris)

Date	Description	Project Manager (beginning 1/19/05)	Author
9/14/06	Retrofit changes made by Tavia Leonard for IVM*2*114 - Operation Enduring & Iraqi Freedom (Z07 Enhancements) (See Revision History entries for 3/16/06-3/19/06.)	Katherine Harris	Karen Stella

Table of Contents

Revision History ..... **i**

Introduction **1**
Background 1
Functionality 1

Implementation and Maintenance **3**

Routines **4**
Callable Routines 4
Routines to Map 4
Routine List 4

Files **5**
Globals to Journal 5
File List 5
File Flow (Relationships Between Files) 5

Exported Options **7**
Menu Diagram 7

Archiving and Purging **9**
Archiving 9
Purging 9

Package-wide Variables **9**
SACC Exemptions/Non-Standard Code 9

External/Internal Relations **10**
External Relations 10
DBIA Agreements 10
Internal Relations 10

Security **11**
Security Management 11
Security Keys 11
VA FileMan Access Codes 12

How to Generate On-line Documentation **13**
Xindex 13
List File Attributes 13

Glossary **14**

Appendix A - IVM Data Transmissions 16
Purpose.....16
Scope.....16
General.....16
Communications Protocol.....16
Background Messages 16
Batch Messages.....17
HL7 Message Event Types 17
HL7 Message Segments.....18
HL7 Message Definitions 19
SSN Data Transmission - (ORU~Z03) 19
Insurance Data Transmission - (ORU~Z04).....20
Demographic Data Transmission - (ORU~Z05).....20
Means Test Data Transmission – (ORF~Z06).....21
Means Test Data Transmission - (ORU~Z06).....21
Full Data Transmission - (ORU~Z07).....22
Full Data Transmission - (ORF~Z07).....23
Case Status Data Transmission - (ORU~Z08).....24
Billing/Collection Data Transmission - (ORU~Z09) 24
Billing/Collection Data Transmission - (ORU~Z09) 24
Income Test Data Transmission - (ORU~Z10) 25
Income Test Data Transmission - (ORF~Z10) 25
V*IST***A** Initiated - Enrollment/Eligibility Query Data Transmission - (QRY).....26
Enrollment/Eligibility Data Transmission - (ORF~Z11).....26
Enrollment/Eligibility Data Transmission - (ORU~Z11) 27
Trigger Events.....28
Enrollment Trigger Events.....28
Trigger Events Implemented via File Cross-References 28
Trigger Events Implemented via Event Drivers 29
Trigger Events Implemented via Routine Hook 29
IVM Trigger Events.....29
Trigger Events Implemented via File Cross-References 29
Trigger Events Implemented via File Event Drivers 29
Trigger Events Implemented via Routine Hook 29

Appendix B - HL7 Segment Table Definitions.....30
HL7 Abbreviated Column Headings 30
HL7 Data Types.....30
HL7 Segment Tables.....31
Financial Transaction (FTI) 31
Insurance Segment (IN1) 32
Notes and Comments Segment (NTE).....33
Patient Identification Segment (PID).....34
Patient Demographic 1 Segment (PD1).....34
Query Definition Segment (QRD) 35
Observation/Result Segment (OBX) 35

Query Filter Segment (QRF) 36
Referral Information Segment (RF1)....36
VA-Specific Beneficiary Travel Segment (ZBT)....36
VA-Specific Catastrophic Disability Segment (ZCD)....37
VA-Specific Emergency Contact Segment (ZCT) 37
VA-Specific Patient Dependent Information Segment (ZDP)....37
VA-Specific Patient Eligibility Segment (ZEL)....38
VA-Specific Employment Information Segment (ZEM) 39
VA-Specific Enrollment Segment (ZEN)....39
VA-Specific Fee Basis Segment (ZFE)....40
VA-Specific Guardian Segment (ZGD)....40
VA-Specific Income Information Segment (ZIC) 41
VA-Specific Patient Ineligible Segment (ZIE)....42
VA-Specific Inpatient/Outpatient Information Segment (ZIO)....42
VA-Specific Income Relation Segment (ZIR)....42
VA-Specific Message Processing Segment (ZIV)....43
VA-Specific Military History Segment (ZMH)....44
VA-Specific Means Test Information Segment (ZMT)....45
VA-Specific Patient Information Segment (ZPD)....47
VA-Specific Rated Disabilities Segment (ZRD) 48
VA-Specific Service Period Segment (ZSP) 48
VA-Specific Temporary Address Segment (ZTA)....49
Batch Header Segment (BHS) 49
Batch Trailer Segment (BTS) 50
Message Header Segment (MSH)....50
Message Acknowledgment Segment (MSA)....51
Master File Identification Segment (MFI)....51
Master File Entry Segment (MFE) 51
Location Identification Segment (LOC) 52

Appendix C - Supported/User-Defined Standard HL7 Tables....53
Table 0001 - Sex 53
Table 0002 - Marital Status 53
Table 0003 - Event Type Codes 53
Table 0005 - Race 53
Table 0006 – Religion....54
Table 0008 - Acknowledgment Code 55
Table 0017 – Transaction Type 55
Table 0018 – Patient Type 56
Table 0024 – Fee Schedule 56
Table 0048 – What Subject Filter 57
Table 0049 – Department Code 57
Table 0051 – Diagnosis Code 58
Table 0076 - Message Type....58
Table 0078 - Abnormal Flags 58
Table 0080 - Nature of Abnormal Testing....59

Table 0085 - Observation Result Status Codes Interpretation....59
Table 0088 – Procedure Code....59
Table 0091 – Query Priority....59
Table 0102 – Delayed Acknowledgement Type....59
Table 0103 - Processing ID....60
Table 0104 - Version ID....60
Table 0105 – Source of Comment....60
Table 0106 - Query/Response Format Code....60
Table 0108 - Query Results Level....60
Table 0125 - Value Type....61
Table 0126 – Quantity Limited Request....61
Table 0136 – Yes/No Indicator....61
Table 0155 – Accept/Application Acknowledgment Conditions....61
Table 0172 – Veterans Military Status....62
Table 0175 - Master File Identifier Code....62
Table 0178 - File Level Event Code....62
Table 0179 - Response Level....62
Table 0180 - Record Level Event Code....62
Table 0189 - Ethnic Group....62
Table 0211 – Alternate Character Sets....63
Table 0280 - Referral Priority....63
Table 0281 - Referral Type....63
Table 0282 - Referral Disposition....63
Table 0283 - Referral Status....63
Table 0284 - Referral Category....64
Table 0340 – Procedure Code Modifier....64
Table 0356 – Alternate Character Set Handling Scheme....64
Table 0363 - Source of Address....64

Appendix D - Supported/User-Defined VA HL7 Tables....65
Table VA001 - Yes/No....65
Table VA002 - Current Means Test Status....65
Table VA003 - Employment Status....65
Table VA004 - Eligibility....66
Table VA005 - Disability Retirement From Military....66
Table VA006 - Eligibility Status....66
Table VA007 - Race....67
Table VA008 - Religion....67
Table VA009 - Relationship Number....68
Table VA010 –Means Test Indicator....68
Table VA011 - Period of Service....69
Table VA012 – Type of Insurance....69
Table VA013 - Rated Disabilities....70
Table VA014 - Medication Copayment Exemption Status....70
Table VA015 - Enrollment Status....70
Table VA016 - Reason Enrollment Canceled/Declined....70

Table VA017 – Enrollment Priority 71
Table VA022 – Radiation Exposure Method 71
Table VA026 – Military Service Component.....71
Table VA033 - Fee Basis Treatment Code Type.....71
Table VA034 - Fee Basis Program 71
Table VA035 - Enrollment Sub-Group.....72
Table VA036 –Military Sexual Trauma Status 72
Table VA038 - Military History Type.....72
Table VA0040 - Enrollment Group Threshold Type.....72
Table VA041 – Determination Method 73
Table VA042 – Affected Extremity.....73
Table VA043 –Condition Codes.....73
Table VA045 – CD Permanent Indicator.....73
Table VA048 – Filipino Veteran Proof 73
Table VA0051 - Means Test Signature Status.....73
Table VA0052 - NTR Verification Method 74
Table VA0053 - NTR Qualifiers 74
Table VA060 – Type of Financial Test 74
Table VA061 – Invalid Address Reason 74
Table VA0115 - Servicing Facility.....74

Introduction

Background

Public Law 101-508 permits the Department of Veterans Affairs (VA) to verify income data with the Internal Revenue Service (IRS) and Social Security Administration (SSA) for veterans receiving VA health care services whose eligibility for medical care is based on income. The income verification match process for Veterans Health Administration (VHA) medical facilities is centralized and performed at the Health Eligibility Center (HEC) in Atlanta, Georgia.

Functionality

IVM provides all of the functionality required to complete the eligibility verification process; electronically receive the revised VA Form 10-10F from the HEC; and automatically file the updated test in the **V***IST***A** Means Test module.

IVM provides all of the functionality required to complete the eligibility verification process; electronically receive the revised VA Form 10-10F from the HEC; and automatically file the updated test in the **V***IST***A** Means Test module. User Interactive Functions	Noninteractive Functions
• View/verify patient demographic, insurance, and SSN information received from SSA and IRS • Upload verified data • View billing/collection and Means Test activity • Configure, monitor, and purge the IVM system	• Exchange of data, on an ad hoc basis, between your facility and the HEC via electronic transmissions • Scheduled transmission to the HEC of all Means Tests meeting IVM criteria, as well as IVM-related billing and collections activity, via the *IVM Background Job* option *Note: Certain enrollment events, when they occur, are also sent to the HEC via the nightly background job.*

Related Manuals

IVM V. 2.0 User Manual
IVM V. 2.0 Installation Guide
IVM V. 2.0 Release Notes

Integration

IVM V. 2.0 provides functionality that impacts Registration, Medical Care Cost Recovery (MCCR), and Information Resource Management (IRM) staff at your facility. It is highly integrated with the following packages:

Package Name	Integration
Patient Information Management System (PIMS)	• PIMS demographic, Means Test, enrollment, eligibility, and income information is sent to the HEC • Means Test and demographic information verified by the HEC is uploaded into PIMS files
Integrated Billing (IB)	IB provides billing and collections information, for billings resulting from IVM activity, that is transmitted back to the HEC and the Enrollment Database (EDB)
Health Level 7 (HL7)	Provides the foundation for all communications between your facility and the HEC

Implementation and Maintenance

There are three parameters included with the IVM software. These parameters, which can be edited through the IVM Parameter Enter/Edit option, control whether notification messages are sent to the IVM MESSAGES mail group when SSN, demographic, and insurance information is received from the HEC. If no entry is made, the default action is to generate the messages. This option may be used to inactivate the messages.

The background option *IVM Background Job* must be queued to run daily. It is recommended that it is run during non-peak hours. The option will transmit the following information to the HEC: Means Test, patient demographic, eligibility, income test, insurance, enrollment, and IVM-related billing and collections.

All IVM notifications generated by the system are sent to the *IVM Messages* mail group. At a minimum, both the IRM Support Specialist and the IVM systems coordinator should be added as members of this group.

No data in the IVM files should be edited. This data is added and maintained automatically by the module.

Routines

Per VHA Directive 10-93-142 regarding security of software that affects financial systems, most of the IVM routines may not be modified. The third line of routines that may not be modified is so noted. The IVM output routines in the IVMR* namespace are exempt from this requirement.

Callable Routines

The IVM package has no supported callable routines.

Routines to Map

It is recommended that the following routines be mapped.

IVML*
IVMR*
IVMU*

Routine List

Take the following steps to obtain a list of routines in the IVM V. 2.0 software:

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

Files

Globals to Journal

The IVM global is the only global used with the IVM software and it should be journaled.

File List

Per VHA Directive 10-93-142 regarding security of software that affects financial systems, the IVM Data Dictionaries may not be modified. The file descriptions of these files are so noted.

File Number	File Name	Global
301.5	IVM PATIENT	^IVM(301.5
301.6	IVM TRANSMISSION LOG	^IVM(301.6
301.61	IVM BILLING TRANSMISSION	^IVM(301.61
301.63	IVM EXTRACT MANAGEMENT	^IVM(301.63
301.7	IVM ADDRESS CHANGE LOG	^IVM(301.7
301.9	IVM SITE PARAMETER	^IVM(301.9
301.91*	IVM REASONS FOR NOT UPLOADING INSURANCE	^IVM(301.91
301.92*	IVM DEMOGRAPHIC UPLOAD FIELDS	^IVM(301.92
301.93*	IVM CASE CLOSURE REASON	^IVM(301.93

*File comes with data

Take the following steps to obtain information about the files and templates in the IVM software:

File Flow (Relationships Between Files)

1. VA FileMan Menu
2. Data Dictionary Utilities Menu
3. List File Attributes Option
4. Enter File # or range of File #s
5. Select Listing Format: Standard
6. You will see what files point to the selected file. To see what files the selected file points to, look for fields that say “POINTER TO”.

Templates

1. VA FileMan Menu
2. Print File Entries Option
3. Output from what File: Print Template
   Sort Template
   Input Template
   List Template
4. Sort by: Name
5. Start with name: IVM
6. Within name, sort by: <RET>
7. First print field: Name

Exported Options

Take the following are the steps to obtain information about menus, exported protocols, exported options, and exported remote procedures relating to the IVM package.

Menu Diagram

1. Programmers Options
2. Menu Management Menu
3. Display Menus and Options Menu
4. Diagram Menus
5. Select User or Option Name: O.IVM MAIN MENU

Exported Protocols

1. VA FileMan Menu
2. Print File Entries Option
3. Output from what File: PROTOCOL
4. Sort by: Name
5. Start with name: IVM
6. Within name, sort by: <RET>
7. First print field: Name

Exported Options

1. VA FileMan Menu
2. Print File Entries Option
3. Output from what File: OPTION
4. Sort by: Name
5. Start with name: IVM
6. Within name, sort by: <RET>
7. First print field: Name

Exported Remote Procedures

1. VA FileMan Menu
2. Print File Entries Option
3. Output from what File: REMOTE PROCEDURE
4. Sort by: Name
5. Start with name: IVM
6. Within name, sort by: <RET>
7. First print field: Name

Archiving and Purging

Archiving

There are no archiving capabilities included with the IVM software.

Purging

The Purge IVM Transmissions option allows IRM to purge entries from the IVM TRANSMISSION LOG File (#301.6) which are associated with closed cases (entries in the IVM PATIENT File (#301.5)) from the previous Means Test year).

Package-wide Variables

There are no package-wide variables associated with the IVM software package.

SACC Exemptions/Non-Standard Code

There are no SACC Exemptions associated with the IVM software package.

External/Internal Relations

External Relations

The following **V***IST***A** package versions (or higher) MUST be installed PRIOR to loading this version of IVM.

Kernel	V. 7.1
VA FileMan	V. 20.0
PIMS	V. 5.3
Integrated Billing	V. 2.0
OERR	V. 2.5
V*IST***A** HL7	V. 1.6

DBIA Agreements

Take the following steps to obtain database integration agreements for the IVM package.

Take the following steps to obtain database integration agreements for the IVM package. Custodial Package	Subscriber Package
1. FORUM 2. DBA MENU 3. Integration Agreement Menu Custodial Package Menu 4. Active by Custodial Package Option 5. Select Package Name: IVM	1. Forum 2. DBA MENU 3. Integration Agreement Menu 4. Subscriber Package Menu 5. Print Active by Subscriber Package Option 6. Start with subscriber package: IVM

Internal Relations

All of the IVM V. 2.0 package options have been designed to stand alone.

Security

Security Management

Public Law 101-508 permits the Department of Veterans Affairs (VA) to verify income data with the Internal Revenue Service (IRS) and Social Security Administration (SSA) for veterans receiving VA health care services whose eligibility for medical care is based on income. The IVM process for Veterans Health Administration (VHA) medical facilities is centralized and performed at the HEC in Atlanta, Georgia.

Per VHA Directive 10-93-142 regarding security of software that affects financial systems and central data bases, IVM routines may not be modified with the following exception: IVMR* - IVM Reports. In compliance with this same directive, the IVM Data Dictionaries may not be modified.

Security Keys

Take the following steps to obtain information about the security keys contained in the IVM software:

1. VA FileMan Menu
2. Print File Entries
3. Output From What File: Security Key
4. Sort By: Name
5. Start With Name: First// IVM
6. Go To Name: Last// IVMZ
7. Within Name, Sort By: <RET>
8. First Print Field: Name
9. Then Print Field: Description

VA FileMan Access Codes

The following is a list of recommended VA FileMan access codes for the files in the IVM software.

File Number	File Name	DD Access	RD Access	WR Access	DEL Access	LAYGO Access
301.5	IVM PATIENT	@		@	@	@
301.6	IVM TRANSMISSION LOG	@		@	@	@
301.61	IVM BILLING TRANSMISSION	@		@	@	@
301.63	IVM EXTRACT MANAGEMENT	@		@	@	@
301.7	IVM ADDRESS CHANGE LOG	@		@	@	@
301.9	IVM SITE PARAMETER	@		@	@	@
301.91	IVM REASONS FOR NOT UPLOADING INSURANCE	@		@	@	@
301.92	IVM DEMOGRAPHIC UPLOAD FIELDS	@		@	@	@
301.93	IVM CASE CLOSURE REASON	@		@	@	@

How to Generate On-line Documentation

This section describes some of the various methods by which users may secure IVM technical documentation. On-line technical documentation pertaining to the IVM software, in addition to that which is located in the help prompts, may be generated through utilization of several Kernel options, including those listed in this section. Refer to the **V***IST***A** Kernel Reference Manual for further information about other utilities which supply on-line technical documentation.

Xindex

This option analyzes the structure of a routine(s) to determine in part if the routine(s) adheres to **V***IST***A** Programming Standards. The XINDEX output may include the following components: compiled list of errors and warnings, routine listing, local variables, global variables, naked globals, label references, and external references. By running XINDEX for a specified set of routines, the user might discover any deviations from **V***IST***A** Programming Standards which exist in the selected routine(s) and see how routines interact with one another, that is, which routines call or are called by other routines.

To run XINDEX for the IVM package, specify the IVM namespace at the "routine(s) ?>" prompt. IVM initialization routines which reside in the UCI in which XINDEX is being run, as well as local routines found within the IVM namespace, should be omitted at the "routine(s)?>" prompt. To omit routines from selection, preface the namespace with a minus sign (-).

List File Attributes

This VA FileMan option allows the user to generate documentation pertaining to files and file structure. Using this option via the "Standard" format will yield the following data dictionary information for a specified file(s): file name and description, identifiers, cross-references, files pointed to by the file specified, files which point to the file specified, input templates, print templates, and sort templates. In addition, the following applicable data is supplied for each field in the file: field name, number, title, global location, description, help prompt, cross-reference(s), input transform, date last edited, and notes.

Using the "Global Map" format of this option generates an output which lists all cross-references for the file selected, global location of each field in the file, input templates, print templates, and sort templates, when applicable. For a comprehensive list of IVM files, please refer to the FILES section of this manual.

Glossary

This glossary contains terms and their definitions as they relate to the IVM package.

Category A veteran	A patient who, as a result of Means Testing, is in the mandatory category in regard to eligibility for VA care.
Category C veteran	A patient who, as a result of Means Testing, is in the discretionary category in regard to eligibility for VA care.
Enrollment Database (EDB)	Oracle database physically located at the Austin Automation Center (AAC) that will be the central repository for enrollment, eligibility, means test and IVM data.
Full Data Transmission	A complete information profile transmitted to the HEC containing patient demographic, eligibility, Means Test, income, insurance, and enrollment information.
HEC	Health Eligibility Center (formerly IVM Center)
HL7	Health Level 7 is an interface specification designed to standardize the way in which health care information is transferred between systems. IVM utilizes the **V***IST***A** HL7 package to assist in transporting data using this specification.
IRS	Internal Revenue Service
IVM	Income Verification Match. A program designed to verify income and insurance data reported by the veteran with that received from IRS (Internal Revenue Service), SSA (Social Security Administration), and other sources.

Means Test	Eligibility for VA hospital care and nursing home care is divided into two categories - mandatory and discretionary. An income assessment is made to determine whether a non service-connected veteran, who is not in receipt of VA monetary benefits or otherwise exempt from income assessment, is eligible for cost-free VA medical care. This income assessment is known as "Means Testing". Patients whose income is above the defined income levels must agree to make copayments to VA for outpatient and inpatient care rendered.
SSA	Social Security Administration
Suggested SSN	Patient or spouse SSNs returned from SSA as possible matches based on name, sex, and date of birth. These SSNs will be validated by the HEC before being returned to the field facilities.
Third Party Claim	When a party other than the patient, such as an insurance company, is billed.

Appendix A - IVM Data Transmissions

Basic knowledge of the HL7 protocol is assumed and the information contained in the HL7 protocol will not be repeated *here.* Further information concerning the HL7 protocol may be found in the HL7 Interface Standards V. 2.3.1.

Purpose

This document specifies the purpose of the interface between the **V***IST***A** IVM package and the HEC (non- **V***IST***A**) system based on the HL7 protocol. It is intended that this interface form the basis for exchange of healthcare information between the **V***IST***A** IVM package and the HEC system.

Scope

This document describes the messages that are exchanged between the **V***IST***A** IVM package and the HEC (non- **V***IST***A**) system for the purpose of exchanging income test, demographic, insurance, and enrollment information.

General

This application uses the abstract message approach and encoding rules specified by HL7. HL7 is used for communicating data associated with various events that occur in healthcare environments. For example, when a Means Test is added in **V***IST***A**, the event will trigger a Full Data Transmission message to the HEC.

Communications Protocol

HL7 V. 1.6 of the VA MailMan lower level protocol (LLP) will be used to transmit HL7 messages between the local site and the HEC.

Background Messages

On a daily basis, the data associated with various events that occur in **V***IST***A** will be transmitted to the HEC. The IVM Background Job option will be used to transmit a HL7 unsolicited Full Data Transmission (ORU~Z07) for each **V***IST***A** event occurring that day.

Batch Messages

All HL7 unsolicited messages sent from the **V***IST***A** IVM application and received from the HEC (non- **V***IST***A**) system will be in a batch format. Each batch will contain 1-100 messages/records per batch.

HL7 Message Event Types

IVM V. 2.0 supports the receipt and transmission of the following HL7 message event types (data transmissions).

HL7 Transmission Name	HL7 MESSAGE TYPE	HL7 Event Code
SSN Data Transmission	ORU	Z03
Insurance Data Transmission	ORU	Z04
Follow-up Data Transmission	ORU	Z04
Demographic Data Transmission	ORU	Z05
Means Test Data Transmission	ORF/ORU	Z06
Full Data Transmission	ORF/ORU	Z07
Case Status Data Transmission	ORU	Z08
Billing/Collection Data Transmission	ORU	Z09
Income Test Data Transmission	ORU/ORF	Z10
Enrollment/Eligibility Data Transmission	ORF/ORU	Z11
V*IST***A** – Initiated Enrollment/Eligibility Query Transmission	QRY	QRY
IVM – Initiated Query Transmission	QRY	QRY

HL7 Message Segments

IVM V.2.0 utilizes the following HL7 segments to support the exchange of patient data.

Segment ID	Segment Name
FT1	Financial Segment
IN1	Insurance Segment
LOC	Location Identification Segment
MFE	Master File Entry Segment
MFI	Master File Identification Segment
MSH	Message Header
NTE	Notes And Comments Segment
OBX	Observation/Result Segment
PD1	Patient Demographic 1 Screen
PID	Patient Identification Segment
QRD	Query Definition Segment
QRF	Query Filter Segment
RF1	Referral Information 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
ZFE	VA-Specific Fee Basis 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
ZMH	VA-Specific Military History 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

HL7 Message 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)

An HL7 message is composed of individual HL7 segments. Each individual segment contains logical groupings of data. The Braces { } indicate one or more repetitions of the enclosed group of segments. The Brackets [ ] indicate that a segment may be optional. For each message, 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. The HL7 Transmission/Event Type Codes are annotated beside each message type.

Please note that an ORF transmission contains the MSA and QRD segments, but the ORU transmission does not.

<u>SSN Data Transmission - (ORU~Z03)</u>
The SSN data transmission transmits new veteran or spouse social security numbers to your facility from the HEC.

BHS	Batch Header Segment
{MSH	Message Header
PID	Patient Identification Segment (***SEQ 1,3,5,7,19***)
ZIV	VA-Specific Message Processing Segment (***SEQ 1-7,12***)
}	
BTS	Batch Trailer

Insurance Data Transmission - (ORU~Z04)

The insurance data transmission transmits patient insurance information to your facility from HEC.

BHS Batch Header
{MSH message header
PID Patient Information Segment (***SEQ 1,3,5,7,19***)
IN1 Insurance Segment (***SEQ 1,4,5,7-9,12,13,15-17,28,36***)
ZIV VA-Specific Message Processing Segment (***SEQ 1,9,12***)
}
BTS Batch Trailer

Follow-up insurance data transmissions are transmitted from your facility to alert the HEC as to the action taken regarding insurance information acceptance or rejection. The format for the responding transmission follows (message will NOT be batched).

MSH Message Header
PID Patient Identification Segment (***SEQ 1,3,5,7,19***)
IN1 Insurance Segment (***SEQ 1,4,36***)
ZIV VA-Specific Message Processing Segment (***SEQ 1,9-11***)

Demographic Data Transmission - (ORU~Z05)
Newly identified or updated demographic-type information for a patient transmitted from the HEC to the VAMC.

BHS Batch Header
{MSH Message Header
PID Patient Identification Segment ***(SEQ 1,3,5,7,8,11-13,19)***
ZPD VA-Specific Patient Info Segment ***(SEQ 1,9, 31-33)***
ZGD VA-Specific Guardian Segment ***(SEQ 1-8)***
}
RF1 Referral Information Segment ***(SEQ 6-10)***

BTS Batch Trailer

Means Test Data Transmission – (ORF~Z06)

The means test data transmission returns an observation of the means test signature in response to the site's transmission of a means test image. (HEC to **V***IST***A**)

BHS Batch Header
{MSH Message Header
PID Patient Identification Segment (***SEQ 1,3,19***)
}
ZMT VA-Specific Means Test Info Segment (***SEQ 1-5,7-12,15,17-21***)
}
BTS Batch Trailer

Means Test Data Transmission - (ORU~Z06)

The means test data transmission transmits the IVM-verified means test from the EDB to your facility.

BHS Batch Header
{MSH Message Header
PID Patient Identification Segment (***SEQ 1,3,5,19***)
ZIC VA-Specific Income Segment (***SEQ 1,2***)
ZIR VA-Specific Income Relation Segment (***SEQ 1***)
{ZDP VA-Specific Dependent Info Segment (***SEQ 1***)
ZIC VA-Specific Income Segment (***SEQ 1***)
ZIR VA-Specific Income Relation Segment (***SEQ 1***)
}
ZMT VA-Specific Means Test Info Segment (***SEQ 1-3,8,10,12,17,18,20,25,26***)
ZIV VA-Specific Message Processing Segment (***SEQ 1,2,8***)
}
BTS Batch Trailer

Full Data Transmission - (ORU~Z07)

The Full Data Transmission transmits a complete profile of patient demographic, eligibility, Means Test, income, insurance, and enrollment information to the HEC.

BHS Batch Header
{MSH Message Header
PID Patient Identification Segment ***(SEQ 1-3,5,7,8,11-14,19)***
PD1 Patient Demographic Segment ***(SEQ 3)***
ZPD VA-Specific Patient Info Segment ***(SEQ 1,8,9,11-13,17,19, 31-33,40)***
ZTA VA-Specific Temporary Address Segment ***(SEQ 1-7)***
ZIE VA-Specific Patient Ineligible Segment ***(SEQ 1-3)***
{ZEL VA-Specific Patient Eligibility Segment ***(SEQ 1,2,5-8,10,11,13-25,29,34,35,37,38,39 for primary eligibility and SEQ 1,2 for all other eligibilities)***
}
ZEN VA-Specific Enrollment Segment ***(SEQ 1-13***)
ZCD VA-Specific Catastrophic Disability Segment ***(SEQ 1-13)***
{ZMH} VA-Specific Military History Segment ***(SEQ 1-5)***
{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 1-23)***
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 1-18,22-29)***
ZMT VA-Specific CoPay Test Information Segment ***(SEQ 1-4,9,12,15-18)***
ZMT VA-Specific LTC Test Information Segment ***(SEQ 1-5,7,9-10,12,16-18,22,25)***
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 1-8)***

{[OBX Observation/Result Segment ***(SEQ 2,3,5,11,12,14,15,17)***
]}
RF1 Referral Information Segment ***(SEQ 6-10)***
}
BTS Batch Trailer

Full Data Transmission - (ORF~Z07)

The Full Data Transmission transmits a complete profile of patient demographic, eligibility, Means Test, income, insurance, and enrollment information to the HEC.

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)***
PD1	Patient Demographic Segment ***(SEQ 3)***
ZPD	VA-Specific Patient Info Segment ***(SEQ 1,8,9,11-13,17,19, 31-33,40)***
ZTA	VA-Specific Temporary Address Segment ***(SEQ 1-7)***
ZIE	VA-Specific Patient Ineligible Segment ***(SEQ 1-3)***
{ZEL	VA-Specific Patient Eligibility Segment ***(SEQ 1,2,5-8,10,11,13-25,29,34,35,37,38,39 for primary eligibility and SEQ 1,2 for all other eligibilities)***
}	
ZEN	VA-Specific Enrollment Segment ***(SEQ 1-13)***
ZCD	VA-Specific Catastrophic Disability Segment ***(SEQ 1-13)***
{ZMH}	VA-Specific Military History Segment ***(SEQ 1-5)***
{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 1-23)***
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 1-18,22-29)***
ZMT	VA-Specific CoPay Test Information Segment ***(SEQ 1-4,9,12,15-18)***
ZMT	VA-Specific LTC Test Information Segment ***(SEQ 1-5,7,9-10,12,16-18,22,25)***
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 1-8)***
{[OBX	Observation/Result Segment ***(SEQ 2,3,5,11,12,14,15,17)***
]}	
RF1	Referral Information Segment ***(SEQ 6-10)***
}	
BTS	Batch Trailer

Case Status Data Transmission - (ORU~Z08)

The case status data transmission is generated by the HEC to alert your facility of closed cases.

BHS Batch Header
{MSH Message Header
PID Patient Identification Segment ***(SEQ 1,3,5,7,19)***
ZIV VA-Specific Message Processing Segment ***(SEQ 1,2,8)***
}
BTS Batch Trailer

Billing/Collection Data Transmission - (ORU~Z09)

The billing/collection data transmission transmits IVM-related billing and collections information to the HEC **for cases that were closed via the HEC Legacy system**.

BHS Batch Header
{MSH Message Header
PID Patient Identification Segment (***SEQ 1,3,5,7,19***)
FT1 Financial Transaction (***SEQ 1,4,6,7,9,11***)
}
ZIC VA-Specific Income Segment (***SEQ 1,2***)
}
BTS Batch Trailer

Billing/Collection Data Transmission - (ORU~Z09)

The billing/collection data transmission transmits IVM-related billing and collections information to the EDB **for cases that were closed via a Z06 from EDB**.

BHS Batch Header
{MSH Message Header
PID Patient Identification Segment (***SEQ 1-5,7,8,19***)
PD1 Patient Demographic Segment (***SEQ 1,3***)
{FT1 Financial Transaction (***SEQ 1,4,6,7,9,11,12***)
}
ZIC VA-Specific Income Segment (***SEQ 1,2***)
}
BTS Batch Trailer

Income Test Data Transmission - (ORU~Z10)

The income test data transmission transmits income data for veteran, spouse, and dependents from the HEC.

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 1-19,22-26,28,29)***
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)

The income test data transmission transmits income data for veteran, spouse, and dependents from the HEC.

MSH	Message Header
MSA	Message Acknowledgment
QRD	Query Definition ***(SEQ 1-4, 7-12)***
QRF	Query Filter ***(SEQ 1,4,5)***
PID	Patient Identification Segment ***(SEQ 1,3,7,8,19)***
ZIC	VA-Specific Income Segment ***(SEQ 1-21)***
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 1-19,22-29)***
ZMT	VA-Specific Co-Pay Test Information Segment ***(SEQ 1-4,9,10,12,15-19,22,25-27)***
ZMT	VA-Specific LTC Co-Pay Exemption Test Information Segment ***(SEQ 1-4,7,9,10,12,16-18,22,25)***
ZBT	A-Specific Beneficiary Travel Information Segment ***(SEQ 1-4)***
BTS	Batch Trailer

V*IST***A** Initiated - Enrollment/Eligibility 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 ***("OTH": Other)***
SEQ 10 - What Department Data Code ***("ENROLLMENT")***
SEQ 11 – What data code value
(Date for which to return enrollment, if no date is specified assume the most recent enrollment data is being requested.)
SEQ 12 - Query Results Level ***("T": Full Results)***
QRF Query Filter ***(SEQ 1,4,5)***
SEQ 1 - Where Subject Filer ***("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")***

Enrollment/Eligibility Data Transmission - (ORF~Z11)

The Enrollment/Eligibility Data Transmission transmits a veteran's eligibility and enrollment information from the HEC to the VAMCs.

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 1-5,7,8,19)***
ZPD VA-Specific Patient Info Segment ***(SEQ 1,8,9,12,17,19,31,32,40)***
ZIE VA-Specific Patient Ineligible Segment ***(SEQ 1-7)***
{ZEL VA-Specific Patient Eligibility Segment ***(SEQ 1,2,5-8,10,11,13-21,29,34,35,38,39 for primary eligibility and SEQ 1-2 for all other eligibilities)***
}
ZEN VA-Specific Enrollment Segment ***(SEQ 1-13)***
ZMT VA-Specific Means Test Information Segment ***(SEQ 1,3)***
In this message, the segment is meant only to convey the Means Test status on which the enrollment priority was based. The SET ID Field should contain a value of "1" ("1" means that the segment refers to a means test and "2" means that the segment refers to a copay test) and SEQ 3 should contain the means test status.
ZCD VA-Specific Catastrophic Disability Segment ***(SEQ 1-13)***
ZSP VA-Specific Service Period Segment ***(SEQ 1-3,6-8)***
{ZMH} VA-Specific Military History Segment ***(SEQ 1-4)***
{ZRD VA-Specific Rated Disabilities Segment ***(SEQ 1-3)***
}
[OBX Observation/Result Segment ***(SEQ 1-3,5,11,12,14-17)***
]

Enrollment/Eligibility Data Transmission - (ORU~Z11)

The Enrollment/Eligibility Data Transmission transmits a veteran's eligibility and enrollment information from the HEC to the VAMCs.

BHS	Batch Header
{MSH	Message Header
PID	Patient Identification Segment ***(SEQ 1,3,5,7,8,19)***
ZPD	VA-Specific Patient Info Segment ***(SEQ 1,8,9,12,17,19,31,32,40)***
ZIE	VA-Specific Patient Ineligible Segment ***(SEQ 1-4)***
{ZEL	VA-Specific Patient Eligibility Segment ***(SEQ 1,2,5-8,10,11,13-21,34,35,38,39 for primary eligibility and SEQ 1,2 for all other eligibilities)***
}	
ZEN	VA-Specific Enrollment Segment ***(SEQ 1-13)***
ZMT	VA-Specific Means Test Information Segment ***(SEQ 1,3)*** **In this message the segment is meant only to convey the means test status on which the enrollment priority was based. The SET ID Field should contain a value of '1' ('1' means that the segment refers to a means test and '2' means that the segment refers to a copay test) and SEQ 3 should contain the means test status.**
ZCD	VA-Specific Catastrophic Disability Segment ***(SEQ 1-13)***
ZSP	VA-Specific Service Period Segment ***(SEQ 1-3,6-8)***
{ZMH}	VA-Specific Military History Segment ***(SEQ 1-4)***
{ZRD	VA-Specific Rated Disabilities Segment ***(SEQ 1-3)***
}	
[OBX	Observation/Result Segment ***(SEQ 2,3,5,11,16)***
]	
}	
BTS	Batch Trailer

Trigger Events

Enrollment Trigger Events

The following enrollment events in **V***IST***A** will trigger an HL7 Full Data Transmission (ORU~Z07) message to be sent to the HEC for a patient.

Trigger Events Implemented via File Cross-References

File/Field #	Cross-Reference	API Call
PATIENT (#2) FILE		
PRIMARY ELIGIBILITY (.361)	AENR361	AUTOUPD^DGENA2
ELIGIBILITY (.01) in the PATIENT ELIGIBILITIES sub-file (2.0361)	AENR01	AUTOUPD^DGENA2
DATE OF DEATH (.351)	AENR351	AUTOUPD^DGENA2
SERVICE CONNECTED (.301)	AENR301	AUTOUPD^DGENA2
SERVICE CONNECTED PERCENTAGE (.302)	AENR302	AUTOUPD^DGENA2
POW STATUS INDICATED (.525)	AENR525	AUTOUPD^DGENA2
RECEIVING A&A BENEFITS (.36205)	AENR36205	AUTOUPD^DGENA2
RECEIVING HOUSEBOUND BENEFITS (.36215)	AENR36215	AUTOUPD^DGENA2
RECEIVING A VA PENSION (.36235)	AENR36235	AUTOUPD^DGENA2
TOTAL ANNUAL VA CHECK AMOUNT (.36295)	AENR36295	AUTOUPD^DGENA2
DISABILITY RET. FROM MILITARY (.362)	AENR362	AUTOUPD^DGENA2
MEDICAID (.381)	AENR381	AUTOUPD^DGENA2
EXPOSED TO AGENT ORANGE (.32102)	AENR32102	AUTOUPD^DGENA2
RADIATION EXPOSURE (.32103)	AENR32103	AUTOUPD^DGENA2
ENVIRONMENTAL CONTAMINANTS (.322013)	AENR322013	AUTOUPD^DGENA2
NAME (.01)	AENR01	EVENT^IVMPLOG
SEX (.02)	AENR02	EVENT^IVMPLOG
DATE OF BIRTH (.03)	AENR03	EVENT^IVMPLOG
SOCIAL SECURITY NUMBER (.09)	AENR09	EVENT^IVMPLOG
STREET ADDRESS [LINE 1] (.111)	AENR111	EVENT^IVMPLOG
STEEET ADDRESS [LINE 2] (.112)	AENR112	EVENT^IVMPLOG
STREET ADDRESS [LINE 3] (.113)	AENR113	EVENT^IVMPLOG
CITY (.114)	AENR114	EVENT^IVMPLOG
STATE (.115)	AENR115	EVENT^IVMPLOG
COUNTY (.117)	AENR117	EVENT^IVMPLOG
ZIP+4 (.1112)	AENR1112	EVENT^IVMPLOG
PHONE NUMBER [RESIDENCE] (.131)	AENR131	EVENT^IVMPLOG
PHONE NUMBER [WORK] (.132)	AENR132	EVENT^IVMPLOG
INELIGIBLE DATE (.152)	AENR152	EVENT^IVMPLOG
EMERGENCY RESPONSE INDICATOR (.181)	AENR181	EVENT^IVMPLOG
COMBAT VETERAN END DATE (.5295)	AENR5295	EVENT^IVMPLOG
LOCATION OF SERVICE (.01) in the SERVICE [OEF OR OIF] sub-file (#23215)	AENR321501	EVENT^IVMPLOG
OEF/OIF FROM DATE (2) in the SERVICE [OEF OR OIF] sub-file (#23215)	AENR321502	EVENT^IVMPLOG
OEF/OIF TO DATE (3) in the SERVICE [OEF OR OIF] sub-file (#23215)	AENR321503	EVENT^IVMPLOG

Trigger Events Implemented via Event Drivers

Event Driver	Event Protocol	API Call
DG MEANS TEST EVENTS	DGEN AUTOMATIC ENROLLMENT UPDATE	AUTOUPD^DGENA2

Trigger Events Implemented via Routine Hook

Routine Name	API Call (Hook)	Description
DGMSTAPI	NEWSTAT^DGMSTAPI	Call to create a new MST HISTORY FILE (#29.11) entry. Will also queue HL7 message for HEC database updates

IVM Trigger Events

The following IVM events in **V***IST***A** will trigger an HL7 Full Data Transmission (ORU~Z07) message to be sent to the HEC for a patient.

Trigger Events Implemented via File Cross-References

File/Field #	Cross-Reference	Function Call
PATIENT (#2) FILE		
NAME (.01)	IVM01	DPT^IVMPXFR
SEX (.02)	IVM02	DPT^IVMPXFR
DATE OF BIRTH (.03)	IVM03	DPT^IVMPXFR
SOCIAL SECURITY NUMBER (.09)	IVM09	DPT^IVMPXFR
STREET ADDRESS [LINE 1] (.111)	IVM111	DPT^IVMPXFR
STEEET ADDRESS [LINE 2] (-112)	IVM112	DPT^IVMPXFR
STREET ADDRESS [LINE 3] (.113)	IVM113	DPT^IVMPXFR
CITY (.114)	IVM114	DPT^IVMPXFR
STATE (.115)	IVM115	DPT^IVMPXFR
COUNTY (.117)	IVM117	DPT^IVMPXFR
ZIP+4 (.1112)	IVM1112	DPT^IVMPXFR
PHONE NUMBER [RESIDENCE] (.131)	IVM131	DPT^IVMPXFR
PHONE NUMBER [WORK] (.132)	IVM132	DPT^IVMPXFR
DATE OF DEATH (.351)	IVM351	DPT^IVMPXFR

Trigger Events Implemented via File Event Drivers

Event Driver	Event Protocol	Function Call
DG MEANS TEST EVENTS	IVM MEANS TEST EVENT	EN^IVMPMTE

Trigger Events Implemented via Routine Hook

Routine Name	API Call (Hook)	Description
DGNTAPI	FILENTR^DGNTAPI	Call to create a new NTR HISTORY FILE (#28.11) entry. Will also queue HL7 message for HEC database updates.
DGRPEIS2	LOGDCD^IVMCUC	Routine hook will monitor changes to the fields contained on Screen #9 (Income Screening Data) of the Registration module**.**

Appendix B - 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.

HL7 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	Definition	VA FileMan Data Type
AD	Address	Free Text
CE	Coded Element	Set of Codes or Pointer
CK	Check Digit	No Equivalent
CM	Composite	No Equivalent
CP	Composite Price	Free Text
CX	Extended Composite ID with Check Digit	Set of Codes or Pointer
DLN	Drivers License Number	No Equivalent
DT	Date	Date Only
EI	Entity Identifier	Set of Codes or Pointer
FT	Formatted Text Data	No Equivalent
HD	Hierarchic Designator	No Equivalent
ID	Coded Value	Set of Codes or Pointer
IS	Coded Value for user-defined tables	Set of Codes or Pointer
NM	Numeric	Numeric
PN	Person Name	Free Text
PT	Processing Type	No Equivalent
SI	Sequence ID	Numeric
ST	String	Free Text
TM	Time	Time Only
TN	Telephone Number	Free Text
TS	Time Stamp	Date/Time
TX	Text	Word processing
XCN	Extended Composite ID Number and Name for Persons	No Equivalent
XON	Extended Composite Name and Identification Number for Organizations	No Equivalent
XPN	Extended Person Name	No Equivalent
XTN	Extended Telecommunication Number	No Equivalent

HL7 Segment Tables

Financial Transaction (FTI)

SEQ	LEN	DT	R/O	RP/#	TBL #	ELEMENT NAME	**VISTA** File# 301.61 – IVM BILLING TRANSMISSION
1	4	SI	0			Set ID-FT1	SEQUENTIAL NUMBER
2	12	ST	O			Transaction ID	Not used
3	10	ST	O			Transaction Batch ID	Not used
4	26	TS	R			Transaction Date	DATE BILL CREATED (#.07)
5	26	TS	O			Transaction Posting Date	Not used
6	8	IS	R		0017	Transaction Type	If BILL CANCELLED (#.11) then 2 If DATE BILL CLOSED (#.1) AND DATE LAST TRANSMITTED (#.13) Then 4 If AMOUNT COLLECTED (#.09) AND DATE LAST TRANSMITTED (#.13) Then 3 Else 1
7	80	CE	R			Transaction Code	This field is used to uniquely identify each bill or charge which is stored in this file. This number will be equal to the bill number for insurance claims, or to the REFERENCE NUMBER (#.01) for charges stored in File #350, INTEGRATED BILLING ACTIONS.
8	40	ST	B			Transaction Description	Not used
9	40	ST	B			Transaction Description – Alt	4 Components: CLASSIFICATION (#.03) BILL TYPE (#.04) BILL FROM (#.05) BILL TO (#.06)
10	9	NM	O			Transaction Quantity	Not used
11	12	CP	O			Transaction Amount – Extended	AMOUNT COLLECTED (#.09)
12	13	CP	O			Transaction Amount – Unit	AMOUNT BILLED (#.08)
13	60	CE	O		0049	Department Code	Not used
14	60	CE	O			Insurance Plan Id	Not used
15	12	CP	O			Insurance Amount	Not used
16	80	PL	O			Assigned Patient Location	Not used
17	1	IS	O		0024	Fee Schedule	Not used
18	2	IS	O		0018	Patient Type	Not used
19	60	CE	O	Y	0051	Diagnosis Code	Not used
20	120	XCN	O			Performed By Code	Not used
21	120	XCN	O			Ordered By Code	Not used
22	12	CP	O			Unit Cost	Not used
23	22	EI	O			Filter Order Number	Not used
24	120	XCN	O			Entered By Code	Not used
25	80	CE	O		0088	Procedure Code	Not used
26	80	CE	O		0340	Procedure Code Modifier	Not used

Insurance Segment (IN1)

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 Field (#.01) of INSURANCE COMPANY (#36) File.
5	106	AD				Insurance Company Address	ADDRESS fields (#.111-.116) of INSURANCE COMPANY (#36) File.
6	48	PN				Insurance Co. Contact Pers	Not used at this time.
7	40	TN				Insurance Co. Phone Number	PHONE NUMBER Field (#.131) of INSURANCE COMPANY (#36) File.
8	12	ST	*R			Group Number	GROUP NUMBER Field (.04) of GROUP INSURANCE PLAN File. (#355.3).
9	35	ST	*R			Group Name	GROUP NAME Field (.03) of GROUP INSURANCE PLAN File (#355.3).
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 (Mult .312, Field #8) of PATIENT (#2) File.
13	8	DT				Plan Expiration Date	INSURANCE EXPIRATION DATE (Mult .312, Field #4) of PATIENT (#2) File.
14	55	ST				Authorization Information	Not used at this time.
15	2	ID				Plan Type	TYPE OF PLAN Field (#.09), of GROUP INSURANCE PLAN (#355.3) File.
16	48	PN	*R			Name of Insured	NAME OF INSURED (Mult .312, Field #6) (Mult. .312, Field #17) of PATIENT (#2) File.
17	2	ID	R			Insured's Relation To Patient	WHOSE INSURANCE Field of PATIENT (#2) File.
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	IS			VA001	Pre-Admit Cert. (Pac)	IS PRE-CERT. REQ. Field (#.06) of GROUP INSURANCE PLAN File (#355.3).
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.

Insurance Segment (IN1), continued

SEQ	LEN	DT	R/O	RP/#	TBL #	Element Name	**VISTA** Element Name **VISTA** File Field or Expression
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.
35	8	ST				Company Plan Code	Not used at this time.
36	15	ST	R			Policy Number	INSURANCE NUMBER (Mult 2.312, Field #1) of PATIENT (#2) File.
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.

- Field SEQ 8 and Field SEQ 9 – At a minimum, one of these fields is required.
- Field SEQ 16 – This field is required if Field SEQ 17 does not contain a "v" for veteran.

Notes and Comments Segment (NTE)

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			0105	Source of Comment	Not used at this time.
3	120	TX				Comment	COMMENT Field (#50)

Patient Identification Segment (PID)

SEQ	LEN	DT	R/O	RP/#	TBL#	Element Name	**VISTA** Description PATIENT (#2) File Field or Expression
1	4	SI	O			Set ID – Patient ID	Sequential Number
2	20	CX	O			Primary Long ID	Integrated Control # (ICN) (991.01) & Checksum (991.02) - ICN & "V" & Checksum
3	20	CX	R	Y		Patient ID (Internal ID)	Pointer to entry in PATIENT (#2) File
4	20	CX	O	Y		Alternate Patient ID	PRIMARY SHORT ID Field (#.364) or VA("PID)
5	48	XPN	R	Y		Patient Name	NAME Field (#.01)
6	48	XPN	O			Mother's Maiden Name	MOTHER'S MAIDEN NAME Field (#.2403)
7	26	TS	O			Date/Time of Birth	DATE OF BIRTH (#.03)
8	1	IS	O		0001	Sex	SEX (#.02)
9	48	XPN	O	Y		Patient Alias	ALIAS (Multiple 1, Field #.01)
10	1	IS	O		0005	Race	Race
11	106	XAD	O	Y		Patient Address	ADDRESS Field (#.111-.116)
12	4	IS	B			County Code	VA COUNTY CODE Field (#.117)
13	40	XTN	O	Y		Phone Number – Home	PHONE NUMBER (RESIDENCE) Field (#.131)
14	40	XTN	O	Y		Phone Number – Business	PHONE NUMBER (WORK) Field (#.132)
15	60	CE	O			Primary Language	Not used
16	1	IS	O		0002	Marital Status	MARITAL STATUS Field (#.05)
17	3	IS	O		0006	Religion	Religion
18	20	CK	O			Patient Account Number	Not used
19	16	ST	O			SSN Number – Patient	SOCIAL SECURITY NUMBER Field (#.09)
20	25	DLN	O			Driver's License Number – Patient	Not used
21	20	CK	O	Y		Mother's Identifier	Not used
22	1	IS	O		0189	Ethnic Group	Not used
23	60	ST	O			Birth Place	Not used
24	2	ID	O		0136	Multiple Birth Indicator	Not used
25	2	NM	O			Birth Order	Not used
26	4	IS	O	Y		Citizenship	Not used
27	60	CE	O		0172	Veterans Military Status	Not used
28	80	CE	O			Nationality	Not used
29	26	TS	O			Patient Death and Time	Not used
30	1	ID	O		0136	Patient Death Indicator	Not used

Patient Demographic 1 Segment (PD1)

SEQ	LEN	DT	R/O	RP/#	TBL#	Element Name	**VISTA** Description
1	2	IS	R			Set ID	
2	2	ID				Living Arrangement	NOT USED
3	90	XON				CIRN (Master of Record) ~ ~ Station Number	CIRN MASTER OF RECORD (Field 991.03) ~ ~ STATION NUMBER (File #4 Field 99)
4	90	XCN				PATIENT PRIMARY CARE PROVIDER NAME & ID No	2 Sub-Components Pointer to entry in NEW PERSON File (#200) & Facility Number (File #389.9 Field.04) <family name (ST) > <last name prefix (ST)> <given name (ST)> <middle initial or name (ST)> <suffix (e.g., JR or III) (ST)> <prefix (e.g., DR) (ST)> <degree (e.g., MD) (IS)> This will always be **VA200** (NEW PERSON File)

Query Definition Segment (QRD)

SEQ	LEN	DT	R/O	RP/#	TBL#	Element Name	**V***IST***A** Description
1	26	TS	R			Query Date/Time	Date/Time query was generated.
2	1	ID	R		0106	Query Format Code	See Table 0106 in Appendix C for codes.
3	1	ID	R		0091	Query Priority	See Table 0091 in Appendix C for codes.
4	10	ST	R			Query ID	**V***IST***A** -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 Table 0126 in Appendix C 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 Table 0048 in Appendix C 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 Table 0108 in Appendix C for codes.

Observation/Result Segment (OBX)

SEQ	LEN	DT	R/O	RP/#	TBL #	Element Name	**V***IST***A** DESCRIPTION
1	10	SI	O			Set ID - OBX	Not used
2	2	ID	C		0125	Value Type	CE
3	590	CE	R			Observation Identifier	38.1^SECURITY LOG (patient security) **V***IST***A** ~28.11 (NTR)
4	20	ST	C			Observation Sub-ID	Not used
5	65536[1]	*	C	Y[2]		Observation Value	Sensitive = Y (patient security) Not Sensitive = N (patient security) NOTE: This will be a repeating field for NTR. <identifier (ST)>~<text (ST)>~<name of coding system (ST)>|<identifier #2 (ST)>~<text #2(ST)>~<name of coding system #2(ST)>|etc…
6	60	CE	O			Units	Not used
7	10	ST	O			References Range	Not used
8	5	ID	O	Y/5	0078	Abnormal Flags	Not used
9	5	NM	O			Probability	Not used
10	2	ID	O	Y	0080	Nature of Abnormal Test	Not used
11	1	ID	R		0085	Observ Result Status	R=Results entered, Not verified (patient security) F=Final Results (NTR)
12	26	TS	O			Date Last Obs Normal Values	Diagnosed With Head and Neck Cancer Date/Time (NTR)
13	20	ST	O			User Defined Access Checks	Not used
14	26	TS	O			Date/Time of the Observation	Date/Time of the Observation (patient security) Verification Method Date/Time (NTR)
15	60	CE	O			Producer's ID	Station Number of Site Reporting Verification Method Status (NTR)
16	80	XCN	O			Responsible Observer	'Security Assigned Remotely By' = AAC (patient security) Component #14, Sub-Component #2 - Station Number of Site Reporting Diagnosed With Head and Neck Cancer Status (NTR)
17	60	CE	O	Y		Observation Method	Verification Method: (NTR) S (Qual Military Srvc) M (Military Med Rec) N (Not Qualified)

[1] The length of the observation value field is variable, depending upon value type. See Sequence 2 in OBX table above.

[2] May repeat for multipart, single answer results with appropriate data types, e.g., CE, TX, and FT data types.

Query Filter Segment (QRF)

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"

Referral Information Segment (RF1)

SEQ	LEN	DT	R/O	RP/#	TBL #	Element Name	VISTA Element Name PATIENT (#2) File Field or Expression
1	250	CE	O		0283	Referral Status	Not Used
2	250	CE	O		0280	Referral Priority	Not Used
3	250	CE	O		0281	Referral Type	Not Used
4	250	CE	O	Y	0282	Referral Disposition	Not Used
5	250	CE	O		0284	Referral Category	Not Used
6	30	EI	R		0363	Originating Referral Identifier	4 components: 1 – Site of Change (Field #.12 of the Patient (#2) File) 2 – Source of Change (Field #.119 of the Patient (#2) File) 3 – Not Used 4 – Not used
7	26	TS	O			Effective Date	Date/Time of change (Field #.118 of the Patient (#2) File)
8	26	TS	O			Expiration Date	Invalid Address Date (TBD at a later date)
9	26	TS	O			Process Date	Date Checked by NCOA (TBD at a later date)
10	250	CE	O	Y	VA061	Referral Reason	Invalid Address Reason (TBD at a later date)
11	30	EI	O	Y		External Referral Identifier	Not Used

VA-Specific Beneficiary Travel Segment (ZBT)

SEQ	LEN	DT	R/O	RP/#	TBL#	Element Name	VISTA Element Name VISTA BENEFICIARY TRAVEL CERTIFICATION File (#392.2) Field or Expression
1	4	SI	R			Set ID	Sequential Number
2	8	DT				Date Certified	Date Certified Field (#.01) of File #392.2
3	1	IS			VA01	Eligible	Eligible Field (#3) of File #392.2
4	10	NM				Amount Certified	Amount Certified Field (#4) of File #392.2
5	2	IS			VA02	Means Test Status	Means Test Status (A;8) of File #392.2
6	2	IS			VA04	Primary Eligibility Code	Primary Elig. Code (A;9) of File #392.2
7	19	TS				Travel Claim Date/Time	Claim Date/Time (#.01) of File #392
**Fields are from BENEFICIARY TRAVEL CLAIM File (#392).							

VA-Specific Catastrophic Disability Segment (ZCD)

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		VA041	Determination Method	METHOD OF DETERMINATION Field (#395)
7	60	CE	O			CD Diagnosis	`CD STATUS DIAGNOSES` Field (#396)
8	60	CE	O			CD Procedure	`CD STATUS PROCEDURES` Field (#397)
9	60	CE	O		VA042	Affected Extremity	AFFECTED EXTREMITY Field (#`397.1`)
10	4	CE	O		VA043	CD Condition	`CD STATUS CONDITIONS` Field (#398)
11	6	ST	O			Score	SCORE Field (#398.1). Valid Value any whole number.
12	1	ID	R		0136	Catastrophically Disabled	VETERAN CATASTROPHICALLY DISABLED? Field (#399.39)
13	60	CE	O		VA045	Permanent Indicator	PERMANENT INDICATOR Field (#398.2)

VA-Specific Emergency Contact Segment (ZCT)

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	IS			VA001	Contact Address Same As NOK?	Address Same as Patient's (See Note - NOK And NOK2 Only)
9	1	IS			VA001	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.							

VA-Specific Patient Dependent Information Segment (ZDP)

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 Field (#.01)
3	1	ID			0001	Sex	* SEX Field (#.02)
4	8	DT				Date of Birth	* DATE OF BIRTH Field (#.03)
5	16	ST				Social Security Number	* SOCIAL SECURITY NUMBER Field (#.09)
6	2	IS			VA009	Relationship To Patient	RELATIONSHIP (#.02) Field of PATIENT RELATION (#408.12) File
7	10	NM				Internal Entry Number	Internal Entry Number(IEN) of entry in PATIENT RELATION (#408.12) File
8	30	ST				Spouse's Maiden Name	No corresponding VISTA Field at this time.
9	8	DT				Dependent Date	EFFECTIVE DATE (Mult 408.1275; Field #.01)

VA-Specific Patient Eligibility Segment (ZEL)

SEQ	LEN	DT	R/O	RP/#	TBL#	Element Name	**V***IST***A** Element Name PATIENT (#2) File Field or Expression
1	4	SI	R			Set ID	Sequential Number (1 is always Primary Elig.)
2	2	IS			VA004	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			0136	Military Disability Retirement	Military Disability Retirement Field (#.3602) Data values: 1=YES, RECEIVING MILITARY RETIREMENT
6	8	NM				Claim Folder Number	CLAIM FOLDER NUMBER Field (#.313)
7	40	ST				Claim Folder Location	*CLAIM FOLDER LOCATION Field (#.312)
8	1	IS			VA001	Veteran?	VETERAN? Field (#1901)
9	30	ST				Type of Patient	TYPE OF PATIENT Field (#391)
10	1	IS			VA006	Eligibility Status	ELIGIBILITY STATUS Field (#.3611)
11	8	DT				Eligibility Status Date	ELIGIBILITY STATUS DATE Field (#.3612)
12	8	DT				Eligibility Interim Response	ELIGIBILITY INTERIM RESPONSE Field (#.3614)
13	50	ST				Eligibility Verification Method	ELIGIBILITY VERIFICATION METHOD Field (#.3615)
14	1	IS			VA001	Receiving A&A Benefits?	RECEIVING A&A BENEFITS? Field (#.36205)
15	1	IS			VA001	Receiving Housebound Benefits?	RECEIVING HOUSEBOUND BENEFITS? Field (#.36215)
16	1	IS			VA001	Receiving A VA Pension?	RECEIVING VA PENSION? Field (#.36235)
17	1	IS			VA001	Receiving A VA Disability?	Receiving VA Disability? Field (#.3025)
18	1	IS			VA001	Exposed To Agent Orange	AGENT ORANGE EXPOS. INDICATED Field (#.32102)
19	1	IS			VA001	Radiation Exposure Indicated	RADIATION EXPOSURE INDICATED? Field (#.32103)
20	1	IS			VA001	Environmental Contaminants	ENVIRONMENTAL CONTAMINANTS? Field (#.322013)
21	8	NM				Total Annual VA Check Amount	TOTAL ANNUAL VA CHECK AMOUNT Field (#.36295)
22	1	ID			VA022	Radiation Exposure Method	RADIATION EXPOSURE METHOD Field (#.3212)
23	1	ID			VA036	Current MST Status	Computed
24	19	TS				MST Status Change Date	Computed
25	7	ID			VA0115	Site Determining MST status	Computed
26	8	DT				Agent Orange Reg Date	AGENT ORANGE REGISTRATION DATE Field (#.32107)
27	8	DT				Agent Orange Exam Date	AGENT ORANGE EXAM DATE Field (#.32109)
28	6	NM				Agent Orange Reg #	AGENT ORANGE REGISTRATION # Field (#.3211)
29	20	CE				Agent Orange Exposure Location	AGENT ORANGE EXPOSURE LOCATION Field (#.3213)
30	8	DT				Radiation Exposure Date	RADIATION EXPOSURE DATE Field (#.32111)
31	8	DT				Environ. Contaminants Exam Date	ENVIR. CONT. EXAM DATE Field (#.322015)
32	8	DT				Environ. Contaminants Reg Date	ENVIR. CONT. REGISTRATION DATE Field (#.322014)
33	8	DT				Monetary Benefits Date	MONETARY BEN. VERIFY DATE Field (#.306)
34	8	DT				User Enrollee Valid Through	USER ENROLLEE STATUS (#.3617)
35						User Enrollee Site	USER ENROLLEE STIE (#.3618)
36						Eligibility Verification Source and Site	Not used at this time
37	1	ID			VA001	Combat Veteran Eligibility Indicator	COMBAT SERVICE INDICATED? Field (#.5291) (Computed)
38	8	DT				Combat Veteran Eligibility End Date	COMBAT VETERAN END DATE Field (#.5295)
39	1	ID			0136	Discharge Due to Disability	Discharge Due to Disability Field (#.3603) Data values: 1=YES, RECEIVING MILITARY RETIREMENT

VA-Specific Employment Information Segment (ZEM)

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	IS			VA003	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	IS			VA001	Government Agency	Government Agency (#.3112) (Patient Only)

VA-Specific Enrollment Segment (ZEN)

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				Enrollment Date	ENROLLMENT DATE Field (#.1) of ENROLLMENT File (#27.11)
3	1	ID				Source of Enrollment	SOURCE OF ENROLLMENT Field (#.03) of ENROLLMENT File (#27.11) 1 = VAMC; 2 = HEC; 3 = Other VAMC
4	1	IS			VA015	Enrollment Status	ENROLLMENT STATUS Field (#.04) of ENROLLMENT File (#27.11)
5	2	IS			VA016	Reason Canceled/Declined	REASON CANCELED/DECLINED Field #.05) of ENROLLMENT File (#27.11)
6	60	TX				Canceled/Declined Remarks	CANCELED/DECLINED REMARKS Field (#25) of ENROLLMENT File (#27.11)
7	7	IS			VA0115	Facility Received	FACILITY RECEIVED Field (#.06) of ENROLLMENT File (#27.11)
8	7	IS			VA0115	Preferred Facility	PREFERRED FACILITY Field (#27.02) of PATIENT File (#2)
9	1	IS			VA017	Enrollment Priority	ENROLLMENT PRIORITY Field (#.07) of ENROLLMENT File (#27.11)
10	8	DT				Effective Date	EFFECTIVE DATE Field (#.08) of ENROLLMENT File (#27.11)
11	8	DT				Enrollment Application Date	ENROLLMENT APPLICATION DATE Field (#.01) of ENROLLMENT File (#27.11)
12	8	DT				Enrollment End Date	ENROLLMENT END DATE Field (#.11) of ENROLLMENT File (#27.11)
13	1	IS			VA035	Enrollment Sub-group	ENROLLMENT SUB-GROUP Field (#.12) of the ENROLLMENT File (#27.11)

VA-Specific Fee Basis Segment (ZFE)

SEQ	LEN	DT	R/O	RP/#	TBL#	Element Name	**VISTA** Element Name **VISTA** Field or Expression
1	4	ST	R			Set ID	Sequential Number
2	200	CE	O		VA033	Treatment Code	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).
3	200	CE	R		VA034	Fee Basis Program	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).
4	26	DT	O			Authorization From Date	Beginning date of the Fee Basis authorization The date must be Y2K compliant.
5	26	DT	O			Authorization To Date	Ending date of the Fee Basis authorization The date must be Y2K compliant.

VA-Specific Guardian Segment (ZGD)

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 (#2) 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.

VA-Specific Income Information Segment (ZIC)

SEQ	LEN	DT	R/O	RP/#	TBL #	Element Name	**V***IST***A** Element Name INDIVIDUAL ANNUAL INCOME (#408.21) File Field or Expression
1	4	SI	R			Set ID	Sequential Number (1 is always Primary Eligibility.)
2	8	DT				Income Year	YEAR Field (#.01) (Month and Date will be 0.)
3	8	NM				Social Security	SOCIAL SECURITY (NOT SSI) Field (#.08)
4	8	NM				Us Civil Service	U.S. CIVIL SERVICE Field (#.09)
5	8	NM				Us Railroad Retirement	U.S. RAILROAD RETIREMENT Field (#.1)
6	8	NM				Military Retirement	MILITARY RETIREMENT Field (#.11)
7	8	NM				Unemployment Compensation	UNEMPLOYMENT COMPENSATION Field (#.12)
8	8	NM				Other Retirement	OTHER RETIREMENT Field (#.13)
9	9	NM				Employment Income	TOTAL INCOME FROM EMPLOYMENT Field (#.14)
10	8	NM				Interest, Dividend, Annuity	INTEREST, DIVIDEND, ANNUITY Field (#.15)
11	8	NM				Workers Comp/Black Lung	WORKERS COMP. OR BLACK LUNG Field (#.16)
12	9	NM				Other Income	ALL OTHER INCOME Field (#.17)
13	8	NM				Medical Expenses	MEDICAL EXPENSES Field (#1.01) (Veteran Only)
14	8	NM				Funeral And Burial Expenses	FUNERAL AND BURIAL EXPENSES Field (#1.02) (Veteran Only)
15	8	NM				Educational Expenses	EDUCATIONAL EXPENSES Field (#1.03) (Veteran Only)
16	9	NM				Cash, Amount in Bank Accounts	CASH,AMOUNTS IN BANK ACCOUNTS Field (#2.01) [vet/spouse only]
17	9	NM				Stocks and Bonds	STOCKS AND BONDS Field (#2.02) (veteran/spouse only)
18	9	NM				Real Property	REAL PROPERTY Field (#2.03) (veteran/spouse only)
19	9	NM				Other Property or Assets	OTHER PROPERTY OR ASSETS Field (#2.04) (veteran/spouse only)
20	9	NM				Debts	DEBTS Field (#2.05) (veteran/spouse only)
21	8	DT				Date Income Screening Collected	ENTERED ON Field (#102)
22	3	NM				Site Conducting Test	SITE CONDUCTING TEST Field (#2.05)
23	8	DT				Source of Test	SOURCE OF TEST Field (#.23) - 1=VAMC, 2=IVM

VA-Specific Patient Ineligible Segment (ZIE)

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 Field (#.152)
3	40	ST				Ineligible Reason	INELIGIBLE REASON Field (#.307)
4	75	ST				Ineligible VARO Decision	INELIGIBLE VARO DECISION Field (#.1656)
5	30	ST				Ineligible Twx City	INELIGIBLE TWX CITY (#.1653)
6	1	ID				Ineligible Twx Source	INELIGIBLE TWX SOURCE (#.1651)
7	4	ID				Ineligible Twx State	INELIGIBLE TWX STATE (#.1654)

VA-Specific Inpatient/Outpatient Information Segment (ZIO)

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 field
3	3	NM				Number of Outpatient Days Since Last Means Test	Computed field
4	8	DT				Date of Last Visit	Computed field (Last Opt or Inpatient Stay)

VA-Specific Income Relation Segment (ZIR)

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	IS			VA001	Married Last Calendar Year	MARRIED LAST CALENDAR YEAR Field (#.05)
3	1	IS			VA001	Lived With Patient	LIVED WITH PATIENT Field (#.06)
4	8	NM				Amount Contributed to Spouse	AMOUNT CONTRIBUTED TO SPOUSE Field (#.07)
5	1	IS			VA001	Dependent Children	DEPENDENT CHILDREN Field (#.08)
6	1	IS			VA001	Incapable of Self Support	INCAPABLE OF SELF-SUPPORT Field (#.09)
7	1	IS			VA001	Contributed to Support	CONTRIBUTED TO SUPPORT Field (#.1)
8	1	IS			VA001	Child Had Income	CHILD HAD INCOME Field (#.11)
9	1	IS			VA001	Income Available to You	INCOME AVAILABLE TO YOU Field (#.12)
10	2	NM				Number of Dependent Children	NUMBER OF DEPENDENT CHILDREN Field (#.13)
11	0	ST				Total Dependents	Computed: NUMBER OF DEPENDENT CHILDREN field (#.13) + 1 (If Spouse Indicated), (MARRIED LAST CALENDAR YEAR Field (#.05) or LIVED WITH PATIENT Field (#.06) or AMOUNT CONTRIBUTED TO SPOUSE Field (#.07)), otherwise, + 0
12	0	NM				Patient Income	Computed: Income - same fields as ZIC incomes
13	0	ST			VA010	Total Dependents Not Applicable FOR MT Indicators AS,N,X,U	Computed: If MT Indicator not = to Cat A or Cat C, change number of dependents to XX (not applicable)

VA-Specific Message Processing Segment (ZIV)

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				Income Year	YEAR Field (#.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 Field (#.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 Care Status	0 – Cancel Z06 MT 1 – Create/Update Z06 MT and Close/Convert Case
9	16	CK				IVM ID (Internal)	IVM SPECIFIC INTERNAL ENTRY ID Field (#.07)
10	1	ID				Insurance Upload Status	UPLOAD INSURANCE DATA (.04) 0 - NOT UPLOADED 1 - UPLOADED
11	2	ID				Reason Ins. Not Uploaded	REASON NOT UPLOADING INSURANCE Field (#.08) 1 - ALREADY HAVE INSURANCE POLICY 2 - DATA APPEARS TO BE INCORRECT 3 - INSURANCE COMPANY CLOSED 4 - POLICY PLAN TYPE IS HMO 5 - POLICY PLAN TYPE IS PPO 6 - POLICY COVERAGE EXPIRED 7 - POLICY BENEFITS FULLY USED 8 - BENEFITS NOT AVAILABLE 9 - COVERAGE FOR SPOUSE ONLY
12	19	TS				Client Date of Death	DATE OF DEATH Field (#.351) Patient (#2) File

VA-Specific Military History Segment (ZMH)

SEQ	LEN	DT	R/O	RP/#	TBL #	ELEMENT NAME	VISTA ELEMENT NAME PATIENT (#2) File Field or Expression
1	4	SI	R			SET ID – MILITARY HISTORY	SEQUENTIAL NUMBER
2	4	IF	R		VA038	MILITARY HISTORY TYPE	Varies based upon Service - (.321) or (.322) or (.52). See table below.
3	80	CE	R			SERVICE INDICATOR	Varies based upon Service - (.321) or (.322) or (.52). See table below
4	29	DR	0			SERVICE ENTRY DATE AND SERVICE SEPARATION DATE	Varies based upon Service - (.321) or (.322) or (.52). See table below
5	8	IS	O		VA026	SERVICE COMPONENT	Varies based upon Service - (.321) or (.322) or (.52). See table below

This table details the field number for each field * - indicates multiple occurrences are possible

Type	Indicator #1	Indicator #2	Indicator #3	From Date	To Date	Service Component
SL	Service branch [Last] (.325)	Service number [Last] (.328)	Service Discharge Type [Last] (.324)	Service Entry Date [Last] (.326)	Service Separation Date [Last] (.327)	Service Component [Last] (.32911)
SNL	Service branch [NTL] (.3291)	Service number [NTL] (.3294)	Service Discharge Type [NTL] (.329)	Service Entry Date [NTL] (.3292)	Service Separation Date [NTL] (.3293)	Service Component [NTL] (.32912)
SNNL	Service branch [NNTL] (.3296)	Service number [NNTL] (.3299)	Service Discharge Type [NNTL] (.3295)	Service Entry Date [NNTL] (.3297)	Service Separation Date [NNTL] (.3298)	Service Component [NNTL] (.32913)
POW	POW Status Indicated (.525)	POW Confinement Location (.526)	Not used	POW from date (.527)	POW to date (.528)	Not used
COMB	Combat Service Indicated (.5291)	Combat Service Location (.5292)	Not used	Combat from date (.5293)	Combat to date (.5294)	Not used
VIET	Vietnam Service Indicated (.32101)	Not used	Not used	Vietnam from date (.32104)	Vietnam to date (.32105)	Not used
LEBA	Lebanon Service Indicated (.3221)	Not used	Not used	Lebanon from date (.3222)	Lebanon to date (.3223)	Not used
GREN	Grenada Service Indicated (.3224)	Not used	Not used	Grenada from date (.3325)	Grenada to date (.3226)	Not used
PANA	Panama Service Indicated (.3227)	Not used	Not used	Panama from date (.3228)	Panama to date (.3229)	Not used
GULF	Persian Gulf Service (.32201)	Not used	Not used	Persian Gulf from date (.322011)	Persian Gulf to date (.322012)	Not used
SOMA	Somalia Service Indicated (.322016)	Not used	Not used	Somalia from date (.322017)	Somalia to date (.322018)	Not used
YUGO	Yugoslavia Service Indicated (.322019)	Not used	Not used	Yugoslavia from date (.32202)	Yugoslavia to date (.322021)	Not used
PH	Current PH Indicator (.531)	Current Purple Heart Status (.532)	Current Purple Heart Remarks (.533)	Not used	Not used	Not used
*OEIF	Location of Service (#2.3215,.01)	Entered by Site (#2.3215,.06)	Not used	From Date (#2.3215,.02)	To Date (#2.3215,.03)	Not used

This table depicts the service indicators/qualifiers identified for the ZMH segment.

Type	Indicator #1	Indicator #2	Indicator #3	From Date	To Date	Service Component
SL	Service branch	Service number	Discharge type	Entered	Separated	Service Component
SNL	Service branch	Service number	Discharge type	Entered	Separated	Service Component
SNNL	Service branch	Service number	Discharge type	Entered	Separated	Service Component
POW	Indicated - 'Y', 'N' or 'U'	Confinement Location	Not used	From date	To date	Not used
COMB	Indicated - 'Y', 'N' or 'U'	Service Location	Not used	From date	To date	Not used
VIET	Indicated - 'Y', 'N' or 'U'	Not used	Not used	From date	To date	Not used
LEBA	Indicated - 'Y', 'N' or 'U'	Not used	Not used	From date	To date	Not used
GREN	Indicated - 'Y', 'N' or 'U'	Not used	Not used	From date	To date	Not used
PANA	Indicated - 'Y', 'N' or 'U'	Not used	Not used	From date	To date	Not used
GULF	Indicated - 'Y', 'N' or 'U'	Not used	Not used	From date	To date	Not used
SOMA	Indicated - 'Y', 'N' or 'U'	Not used	Not used	From date	To date	Not used
YUGO	Indicated - 'Y', 'N' or 'U'	Not used	Not used	From date	To date	Not used
PH	PH Indicator	PH Status	Rejected Remarks	Not used	Not used	Not used
OEIF	Location of Service	Entered By Site	Not used	From date	To date	Not used

VA-Specific Means Test Information Segment (ZMT)

SEQ	LEN	DT	R/O	RP/#	TBL #	Element Name	**V***ist***A** 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. 4 = LTC Copay Test Exemption Test)
2	8	DT				Means Test Date	DATE OF TEST Field (#.01)
3	2	IS			VA002	Means Test Status	STATUS Field (#.03)
4	10	NM				Income	INCOME Field (#.04)
5	10	NM				Net Worth	NET WORTH Field (#.05)
6	19	TS				Date/Time of Adjudication	ADJUDICATION DATE/TIME Field (#.1)
7	1	IS			VA001	Agreed to Pay Deductible	AGREED TO PAY DEDUCTIBLE Field (#.11)
8	8	NM				Threshold A	THRESHOLD A Field (#.12)
9	10	NM				Deductible Expenses	DEDUCTIBLE EXPENSES Field (#.15)
10	19	TS				Date/Time MT Completed	DATE/TIME COMPLETED Field (#.07)
11	1	IS			VA001	Previous Yr MT Threshold Flag	PREVIOUS YEARS THRESHOLD Field (#.16)
12	2	NM				Total Dependents	TOTAL DEPENDENTS Field (#.18)
13	1	IS			VA001	Hardship	HARDSHIP Field (#.2)
14	8	DT				Hardship Review Date	HARDSHIP REVIEW DATE Field (#.21)
15	19	TS				Date Veteran Signed Test	DATE VETERAN SIGNED TEST Field (#.24)
16	1	IS			VA001	Declines to Give Income Info	DECLINES TO GIVE INCOME INFO Field (#.14)
17	1	ID			VA060	Type of Test	TYPE OF TEST Field (#.019) 1 = Means Test 2= Copay Test 4 = LTC Copay Exemption Test
18	1	ID				***Source of Test	SOURCE OF TEST Field (#.23) (1=VAMC, 2=IVM)
19	1	IS			VA001	Primary Test?	PRIMARY INCOME TEST FOR YEAR? Field (#2)
20	8	DT				Date IVM Verif. MT Completed	DATE IVM VERIFIED MEANS TEST COMPLETED Field (#.25)
21	1	IS			VA001	Refused To Sign	REFUSED TO SIGN Field (#.26)
22	3	NM				****Site Conducting Test	SITE CONDUCTING TEST Field (#2.05)

SEQ	LEN	DT	R/O	RP/#	TBL #	Element Name	**V***IST***A** Element Name ANNUAL MEANS TEST (#408.31) File Field or Expression
23	3	NM				Hardship Review Site	SITE GRANTING HARDSHIP Field (#2.04)
24	8	DT				Hardship Effective Date	HARDSHIP EFFECTIVE DATE Field (#2.01)
25		DT				Date/Time Last Edited	DATE/TIME LAST EDITED Field (#2.02)
26	2	ID			VA 02	Test determined Status	TEST DETERMINED STATUS Field (#2.03)
27	1	IS			VA0051	***Means Test Signature Indicator	MEANS TEST SIGNED? Field (#.29)
28	8	NM				GMT Threshold	GMT THRESHOLD Field (#.27)
29	80	FT				Hardship Reason	HARDSHIP REASON Field (#2.09)

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.

*** Means Test Signature Indicator
SEQ 27 was added by Patch IVMB*2*600 for the Implement Signed Means Test Strategy project. VAMCs receive and store data from SEQ 27, but do not include this sequence in transmissions to the HEC. VAMCs send means test signature images to the HEC via FAX. HEC staff processes those images using commercial software with updates to the HEC database via custom remote procedure calls (RPCs).

VA-Specific Patient Information Segment (ZPD)

SEQ	LEN	DT	R/O	RP/#	TBL#	Element Name	**V***IST***A** Element Name PATIENT (#2) File Field or Expression
1	4	SI	R			Set ID - Patient ID	Sequential Number
2	60	ST				Remarks	REMARKS Field (#.091)
3	20	ST				Place of Birth City	PLACE OF BIRTH CITY Field (#.092)
4	2	ST				Place of Birth State	PLACE OF BIRTH STATE Field (#.093) (Abbreviation Only)
5	2	IS			VA002	Current Means Test Status	CURRENT MEANS TEST STATUS Field (#.14)
6	35	ST				Father's Name	FATHER'S NAME Field (#.2401)
7	35	ST				Mother's Name	MOTHER'S NAME Field (#.2402)
8	1	IS			VA001	Rated Incompetent	RATED INCOMPETENT Field (#.293)
9	19	TS				Date of Death	DATE OF DEATH Field (#.351)
10	48	PN				Collateral Sponsor	COLLATERAL SPONSOR Field (#.3601)
11	1	IS			VA001	Active Health Insurance?	Active Health Insurance? (Computed)
12	1	IS			VA001	Eligible For Medicaid?	ELIGIBLE FOR MEDICAID? Field (#.381)
13	19	TS				Date Medicaid Last Asked	DATE MEDICAID LAST ASKED Field (#.382)
14	1	IS			VA007	Race	RACE Field (#.06)
15	3	IS			VA008	Religion	RELIGION Field (#.08)
16	1	IS			VA001	Homeless Indicator	Homeless Indicator (Computed)
17	1	ST				POW Status Indicated?	POW STATUS INDICATED? Field (#.525) (Y = Yes; N = No; U = Unknown)
18	2	IS			VA012	Type of Insurance	TYPE OF INSURANCE (Computed)
19	1	IS			VA014	Medication Copayment Exemption Status	MEDICATION COPAY EXEMPTION STATUS (Computed) (#354) (.04)
20	2	IS				POW Confinement Location	Not used at this time; sent in ZMH segment
21	2	ST				Primary Care Team (as defined in PCMM)	PRIMARY CARE TEAM (File# 404.51)
22	1	IS			VA001	GI Insurance Policy	GIN INSURANCE POLICY? Field (#.36265)
23	6	NM				Amount of GI Insurance	AMOUNT OF GI INSURANCE Field (#.3626)
24	8	DT				Most Recent Date of Care	MOST RECENT DATE OF CARE Field (#1010.151)
25	30	ST				Most Recent Location of Care	MOST RECENT LOCATION OF CARE Field (#1010.152)
26	8	DT				2nd Most Recent Date of Care	2nd MOST RECENT DATE OF CARE Field (#1010.153)
27	30	ST				2nd Most Recent Location of Care	2nd MOST RECENT LOCATION OF CARE Field (#1010.154)
28	8	DT				Date Ruled Incompetent (Civil)	DATE RULED INCOMPETENT (CIVIL) Field (#.292)
29	8	DT				Date Ruled Incompetent (VA)	DATE RULED INCOMPETENT (VA) Field (#.291)
30	1	ID				Spinal Cord Injury	SPINAL CORD INJURY Field (#57.4) Values: 1:PARAPLEGIA-TRAUMATIC 2:QUADRIPLEGIA- TRAUMATIC 3: PARAPLEGIA-NONTRAUMATIC 4: QUADRIPLEGIA- NONTRAUMATIC X:NOT APPLICABLE
31	1	ID				Source of Notification	SOURCE OF NOTIFICATION FOR DATE OF DEATH Field (#.353) Values: 1:INPATIENT AT VAMC 2:NON-VA MEDICAL FACILITY 3:DEATH CERTIFICATE ON FILE 4:VBA 5:VA INSURANCE 6:SSA 7:NCA 8:NEXT OF KIN/FAMILY/FRIEND 9: OTHER
32	8	DT				Date of Death Last Updated	DATE OF LAST ENTRY OR UPDATE Field (#.354)
33	2	IS			VA048	Filipino Veteran Proof	FILIPINO VETERAN PROOF Field (#3214). Values: PP – US PASSPORT, BC – US BIRTH CERTIFICATE; BA – REPORT OF BIRTH ABROAD OF US CITIZEN, NA – VERIFICATION OF NATURALIZATION, PR – VERIFICATION OF PERMANENT RESIDENCY, VA – VA COMPENSATION AT FULL DOLLAR RATE, NO – NO PROOF.
34-39	TBD	TBD	TBD	TBD	TBD	TBD	TBD
40	1	ST				Emergency Response Indicator	EMERGENCY RESPONSE INDICATOR Field (#.181) Values: K – HURRICANE KATRINA

VA-Specific Rated Disabilities Segment (ZRD)

SEQ	LEN	DT	R/O	RP/#	TBL#	Element Name	**V***IST***A** Element Name PATIENT (#2.3721) Sub-File Field or Expression
1	4	SI	R			Set ID	Sequential Number
2	4	CE				Disability Condition *(See below.)	RATED DISABILITIES (VA) Field (#.01)
3	3	NM				Disability %	DISABILITY % Field (#2)
4	1	IS			VA001	Service Connected Rated Disability	SERVICE CONNECTED Field (#3)

* DISABILITY CONDITION has the coded element data type, which is one of the composite data types. The '~' is always used within the IVM and Enrollment packages as the component separator. The general format for the coded element data type, from the 2.3 version of the HL7 standard, is:

```
<identifier (ST)>~<text (ST)>~<name of coding system (ST)>~<alternate identifier (ST>~
```

The actual format for the DISABILITY CONDITION is:

```
<4-digit DX CODE from the Disability Condition File (#31)>~<45-character NAME Field from the
Disability Condition File>
```

If the DISABILITY CONDITION Field is included in the segment then both of its components are required.

Here is an example of the ZRD segment: **`ZRD^1^5001~BONE DISEASE^30^1`**

VA-Specific Service Period Segment (ZSP)

SEQ	LEN	DT	R/O	RP/#	TBL#	Element Name	**V***IST***A** Element Name PATIENT (#2) File Field or Expression
1	4	SI	R			Set ID	Sequential Number
2	1	IS	R		VA001	Service Connected?	SERVICE CONNECTED? Field (#.301)
3	3	NM				Service Connected Percentage	SERVICE CONNECTED PERCENTAGE Field (#.302)
4	2	IS			VA011	Period of Service	PERIOD OF SERVICE Field (#.323)
5	1	ST				Vietnam Service Indicated?	VIETNAM SERVICE INDICATED? Field (#.32101)
6	1	IS			VA001	P&T	P&T Field (#.304)
7	1	IS			VA001	Unemployable	UNEMPLOYABLE Field (#.305)
8	19	TS				SC Award Date	SC AWARD DATE Field (#.3012)

VA-Specific Temporary Address Segment (ZTA)

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	IS			VA001	Temporary Address?	TEMPORARY ADDRESS ENTER/EDIT? Field (#.12105)
3	8	DT				Temporary Address Start	TEMPORARY ADDRESS START DATE Field (#.1217)
4	8	DT				Temporary Address End	TEMPORARY ADDRESS END DATE Field (#.1218)
5	106	AD				Temporary Address	TEMPORARY ADDRESS Fields (#.1211-.1216)
6	4	ID				Temporary Address County	TEMPORARY ADDRESS COUNTY Field (#.12111)
7	40	TN				Temporary Address Phone	TEMPORARY PHONE NUMBER Field (#.1219)

Batch Header Segment (BHS)

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	The following fields in File #101: #770.4 #770.6 #770.8 #770.9 #770.95
10	80	ST				Batch Comment	Only used for acknowledgments ERROR MESSAGE Field (#22) of File #772
11	20	ST				Batch Control ID	MESSAGE ID Field (#2) of File #772
12	20	ST				Reference Batch Control ID	MESSAGE ID Field (#2) of File #772

Batch Header Segment (BHS), continued

SEQ	LEN	DT	R/O	RP/#	TBL#	Element Name	**V***IST***A** Description
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 *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*
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 **V***IST***A** HL7 Package
12	20	ST				Reference Batch Control ID	Batch Control ID of batch message being acknowledged

Batch Trailer Segment (BTS)

SEQ	LEN	DT	R/O	RP/#	TBL#	Element Name	**V***IST***A** 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

Message Header Segment (MSH)

SEQ	LEN	DT	R/O	RP/#	TBL#	Element Name	**V***IST***A** Description
1	1	ST	R			Field Separator	Recommended value is ^ (caret) (File #771, Field #100)
2	4	ST	R			Encoding Characters	Recommended delimiter values: Component = **~** (tilde) Repeat = **|** (bar) Escape = \ (back slash) Subcomponent = **&** (ampersand)
3	180	HD	O			Sending Application	Sending application (File #771, Field #.01)
4	180	HD	O			Sending Facility	Sending facility (File #771, Field #3)
5	180	HD	O			Receiving Application	Receiving application (File #771, Field #.01)
6	180	HD	O			Receiving Facility	Receiving facility (File #771 Field #3)
7	26	TS	O			Date/Time of Message	Date and time message was created
8	40	ST	O			Security	Not used
9	7	CM	R		0076 0003	Message Type	2 Components: Component 1: Refer to Table 0076 in Appendix C Component 2: Message Event Type Code
10	20	ST	R			Message Control ID	Automatically generated by **V***IST***A** HL7 Package
11	3	PT	R		0103	Processing ID	**P** (PRODUCTION) (File #101 Field #770.6)
12	8	ID	R		0104	Version Id	**2.3.1** (HL7 VERSION 2.3.1) (File #101 Field #770.95)
13	15	NM	O			Sequence Number	Not used
14	180	ST	O			Continuation Pointer	Not used
15	2	ID	O		0155	Accept Acknowledgment Type	AL – Always used (File #101 Field #770.8)
16	2	ID	O		0155	Application Acknowledgment Type	AL – Always used (File #101 Field #770.9)
17	2	ID	O			Country Code	US (File #771 Field #7)
18	6	ID	O	Y/3	0211	Character Set	Not used
19	60	CE	O			Principal Language Of Message	Not used
20	20	ID	O		0356	Alternate Character Set Handling Scheme	Not used

Message Header Segment (MSH) , continued

SEQ	LEN	DT	R/O	RP/#	TBL#	Element Name	**V***IST***A** Description
6	30	ST				Receiving Facility	Station #
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	MFN~M0F
10	20	ST	R			Message Control ID	Automatically generated by **V***IST***A** HL7 Package
11	1	ID	R		0103	Processing ID	**P** (Production)
12	8	ID	R		0104	Version ID	**2.3** (Version 2.3)
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	NE (never acknowledge)
16	2	ID			0155	Application Acknowledgment Type	AL (always acknowledge)
17	3	ID				Country Code	US
18	6	ID		Y/3	0211	Character Set	Not used at this time
19	60	CE				Principal Language of Message	Not used at this time

Message Acknowledgment Segment (MSA)

SEQ	LEN	DT	R/O	RP/#	TBL#	Element Name	**V***IST***A** Description
1	2	ID	R		0008	Acknowledgment Code	Refer to Table 0008 in Appendix C
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

Master File Identification Segment (MFI)

SEQ	LEN	DT	R/O	RP/#	TBL#	Element Name	**V***IST***A** Description
1	60	CE	R		0175	Master File Identifier	‘5P12~POSTAL CODE~VHA’ or ‘5P13~COUNTY CODE~VHA’
2	180	HD	O			Master File Application Identifier	Not used
3	3	ID	R		0178	File-Level Event Code	'UPD'
4	26	TS	O			Entered Date/Time	Not used
5	26	TS	O			Effective Date/Time	Not used
6	2	ID	R		0179	Response Level Code	'NE'

Master File Entry Segment (MFE)

SEQ	LEN	DT	R/O	RP/#	TBL#	Element Name	**V***IST***A** Description
1	3	ID	R		0180	Record-Level Event Code	'MAD' or 'MUP'
2	20	ST	C			MFN Control ID	Not used
3	26	TS				Effective Date/Time	Effective Date/Time
4	60	CE	R	Y		Primary Key Value	Same as LOC Sequence #1

Location Identification Segment (LOC)

SEQ	LEN	DT	R/O	RP/#	TBL#	Element Name	VISTA Description
1	200	PL	R			Primary Key Value - LOC	**Postal Code:** CODE Field (#.01) of the POSTAL CODE File (#5.12). This data was obtained from the U. S. Postal Service, but could include other external sources in the future as postal codes belonging to other countries are introduced to the system. **County Code:** 5-digit FIPS CODE Field (#.01) of the COUNTY CODE File (#5.13)
2	48	ST	O			Location Description	**Postal Code:** Postal Code Master File Update **County Code:** County Code Master File Update
3	2	IS	R			Location Type - LOC	L
4	90	XON	O			Organization Name - LOC	Not Used
5	106	XAD	O			Location Address	**Postal Code:** POSTAL CODE File (#5.12) **County Code:** COUNTY CODE File (#5.12)
6	40	XTN	O			Location Phone	Not used
7	60	CE	O			License Number	Not used
8	3	IS	O			Location Equipment	Not Used

Appendix C - Supported/User-Defined Standard HL7 Tables

Table 0001 - Sex

Code	Description
F	FEMALE
M	MALE
O	OTHER
U	UNKNOWN

Table 0002 - Marital Status

Code	Description
A	SEPARATED
D	DIVORCED
M	MARRIED
S	SINGLE
W	WIDOWED

Table 0003 - Event Type Codes

Code	Description
M05 MFN/MFK	Patient location master file

Table 0005 - Race

Code	Description
1002-5	American Indian or Alaska Native
2028-9	Asian
2054-5	Black or African American
2076-8	Native Hawaiian or Other Pacific Islander
2106-3	White
2131-1	Other Race

Table 0006 – Religion

Code	Description
ABC	Christian: American Baptist Church
AGN	Agnostic
AME	Christian: African Methodist Episcopal Zion
AMT	Christian: African Methodist Episcopal
ANG	Christian: Anglican
AOG	Christian: Assembly of God
ATH	Atheist
BAH	Baha'i
BAP	Christian: Baptist
BMA	Buddhist: Mahayana
BOT	Buddhist: Other
BTA	Buddhist: Tantrayana
BTH	Buddhist: Theravada
BUD	Buddhist
CAT	Christian: Roman Catholic
CFR	Chinese Folk Religionist
CHR	Christian
CHS	Christian: Christian Science
CMA	Christian: Christian Missionary Alliance
CNF	Confucian
COC	Christian: Church of Christ
COG	Christian: Church of God
COI	Christian: Church of God in Christ
COL	Christian: Congregational
COM	Christian: Community
COP	Christian: Other Pentecostal
COT	Christian: Other
CRR	Christian: Christian Reformed
EOT	Christian: Eastern Orthodox
EPI	Christian: Episcopalian
ERL	Ethnic Religionist
EVC	Christian: Evangelical Church
FRQ	Christian: Friends
FWB	Christian: Free Will Baptist
GRE	Christian: Greek Orthodox
HIN	Hindu
HOT	Hindu: Other
HSH	Hindu: Shaivites
HVA	Hindu: Vaishnavites
JAI	Jain
JCO	Jewish: Conservative
JEW	Jewish
JOR	Jewish: Orthodox
JOT	Jewish: Other
JRC	Jewish: Reconstructionist
JRF	Jewish: Reform
JRN	Jewish: Renewal
JWN	Christian: Jehovah's Witness
LMS	Christian: Lutheran Missouri Synod
LUT	Christian: Lutheran
MEN	Christian: Mennonite
MET	Christian: Methodist
MOM	Christian: Latter-day Saints
MOS	Muslim
MOT	Muslim: Other
MSH	Muslim: Shiite
MSU	Muslim: Sunni
NAM	Native American
NAZ	Christian: Church of the Nazarene

Table 0006 – Religion, continued

NOE	Nonreligious
NRL	New Religionist
ORT	Christian: Orthodox
OTH	Other
PEN	Christian: Pentecostal
PRC	Christian: Other Protestant
PRE	Christian: Presbyterian
PRO	Christian: Protestant
QUA	Christian: Friends
REC	Christian: Reformed Church
REO	Christian: Reorganized Church of Jesus Christ-LDS
SAA	Christian: Salvation Army
SEV	Christian: Seventh Day Adventist
SHN	Shintoist
SIK	Sikh
SOU	Christian: Southern Baptist
SPI	Spiritist
UCC	Christian: United Church of Christ
UMD	Christian: United Methodist
UNI	Christian: Unitarian
UNU	Christian: Unitarian Universalist
VAR	Unknown
WES	Christian: Wesleyan
WMC	Christian: Wesleyan Methodist

Table 0008 - Acknowledgment Code

Code	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 0017 – Transaction Type

Code	Description
AJ	Adjustment
CD	Credit
CG	Charge
CO	Co-payment
PY	Payment

Table 0018 – Patient Type

Code	Description
00	Surgical
10	Medical
60	Home Nursing Service
85	Psychiatric Contract
86	Psychiatric
95	Neurological Contract
96	Neurological

Table 0024 – Fee Schedule

Code	Description
1	Charge exceeds maximum payable
2	Math error, 3-Not entitled to treatment
4	Other, 5-Previously Paid
6	Exceed monthly dollar limitation
7	Physician's signature missing
8	Patient's signature missing
9	Medication not emergent
A	Pharmacist's certification missing
B	Pharmacist's signature missing
C	Required drug information missing
D	Item not on payable list
E	Veteran information missing
F	Personal items/Private Room
G	Vet refused transfer
H	For recurring or refill medication
I	Payment made for Generic drug
J	Mill Bill Authority

Table 0048 – What Subject Filter

Code	Description
ADV	Advice/diagnosis
ANU	Nursing unit lookup (returns patients in beds, excluding empty beds)
APA	Account number query, return matching visit
APM	Medical record number query, returns visits for a medical record number
APN	Patient name lookup
APP	Physician lookup
ARN	Nursing unit lookup (returns patients in beds, including empty beds)
CAN	Cancel. Used to cancel a query
DEM	Demographics
FIN	Financial
GID	Generate new identifier
GOL	Goals
MRI	Most recent inpatient
MRO	Most recent outpatient
NCK	Network clock
NSC	Network status change
NST	Network statistic
ORD	Order
OTH	Other
PRB	Problems
PRO	Procedure
RAR	Pharmacy administration information
RDR	Pharmacy dispense information
RER	Pharmacy encoded order information
RES	Result
RGR	Pharmacy give information
ROR	Pharmacy prescription information
SAL	All schedule related information, including open slots, booked slots, blocked slots
SBK	Booked slots on the identified schedule
SBL	Blocked slots on the identified schedule
SOF	First open slot on the identified schedule after the start date/time
SOP	Open slots on the identified schedule between the begin and end of the start date/time range
SSA	Time slots available for a single appointment
SSR	Time slots available for a recurring appointment
STA	Status
VXI	Vaccine Information
XID	Get cross-referenced identifiers

Table 0049 – Department Code

Code	Description
0	NET 30
1	Subject to interest

Table 0051 – Diagnosis Code

Code	Description
253.2	PANHYPOPITUITARISM
253.3	PITUITARY DWARFISM
253.4	ANTER PITUITARY DIS NEC
253.5	DIABETES INSIPIDUS
253.6	NEUROHYPOPHYSIS DIS NEC
253.7	IATROGENIC PITUITARY DIS
253.8	DISEASES OF THYMUS NEC
253.8	DISEASES OF THYMUS NEC
253.9	PITUITARY DISORDER NOS
254.1	ABSCESS OF THYMUS

Table 0076 - Message Type

Code	Description
ADT	ADT MESSAGE
ACK	GENERAL ACKNOWLEDGMENT
MFN	MASTER FILE NOTIFICATION
ORF	OBSERV. RESULT/RECORD RESPONSE
ORU	OBSERV RESULT/UNSOLICITED
QRY	QUERY

*Note: This is not the complete table. It contains those message types used by the **V**ist**A**/HEC interface.*

Table 0078 - Abnormal Flags

Code	Description
<	Below absolute low-off instrument scale
>	Above absolute high-off instrument scale
A	Abnormal (applies to non-numeric results)
AA	Very abnormal (applies to non-numeric units, analogous to panic limits for numeric units)
B	Better--use when direction not relevant
D	Significant change down
H	Above high normal
HH	Above upper panic limits
I	Intermediate. Indicates for microbiology susceptibilities only.
L	Below low normal
LL	Below lower panic limits
MS	Moderately susceptible. Indicates for microbiology susceptibilities only.
N	Normal (applies to non-numeric results)
null	No range defined, or normal ranges don't apply
R	Resistant. Indicates for microbiology susceptibilities only.
S	Susceptible. Indicates for microbiology susceptibilities only.
U	Significant change up
VS	Very susceptible. Indicates for microbiology susceptibilities only.
W	Worse--use when direction not relevant

Table 0080 - Nature of Abnormal Testing

Code	Description
A	An age-based population
B	Breed
N	None - generic normal range
R	A race-based population
S	A sex-based population
SP	Species
ST	Strain

Table 0085 - Observation Result Status Codes Interpretation

Code	Description
C	Record coming over is a correction and thus replaces a final result
D	Deletes the OBX record
F	Final results; Can only be changed with a corrected result.
I	Specimen in lab; results pending
N	Not asked; used to affirmatively document that the observation identified in the OBX was not sought when the universal service ID in OBR-4 implies that it would be sought.
O	Order detail description only (no result)
P	Preliminary results
R	Results entered -- not verified
S	Partial results
U	Results status change to final without retransmitting results already sent as _preliminary._ E.g., radiology changes status from preliminary to final
W	Post original as wrong, e.g., transmitted for wrong patient
X	Results cannot be obtained for this observation

Table 0088 – Procedure Code

Code	Description
10141	INCISION AND DRAINAGE OF HEMATOMA; COMPLICATED

Table 0091 – Query Priority

Code	Description
D	Deferred
I	Immediate

Table 0102 – Delayed Acknowledgement Type

Code	Description
D	Message received, stored for later processing
F	Acknowledgment after processing

Table 0103 - Processing ID

Code	Description
D	DEBUGGING
P	PRODUCTION
T	TRAINING

Table 0104 - Version ID

Code	Description
2.0	RELEASE 2.0
2.0D	DEMO 2.0
2.1	RELEASE 2.1
2.2	RELEASE 2.2

Table 0105 – Source of Comment

Code	Description
L	Ancillary (filler) department is source of comment
O	Other system is source of comment
P	Orderer (placer) is source of comment

Table 0106 - Query/Response Format Code

Code	Description
D	Response is in display format
R	Response is in record-oriented format
T	Response is in tabular format

Table 0108 - Query Results Level

Code	Description
O	Order plus order status
R	Results without bulk text
S	Status only
T	Full results

Table 0125 - Value Type

Code	Description
AD	Address
CE	Coded Entry
CF	Coded Element With Formatted Values
CK	Composite ID With Check Digit
CN	Composite ID And Name
CP	Composite Price
CX	Extended Composite ID With Check Digit
DT	Date
ED	Encapsulated Data
FT	Formatted Text (Display)
MO	Money
NM	Numeric
PN	Person Name
RP	Reference Pointer
SN	Structured Numeric
ST	String Data.
TM	Time
TN	Telephone Number
TS	Time Stamp (Date & Time)
TX	Text Data (Display)
XAD	Extended Address
XCN	Extended Composite Name And Number For Persons
XON	Extended Composite Name And Number For Organizations
XPN	Extended Person Name
XTN	Extended Telecommunications Number

Table 0126 – Quantity Limited Request

Code	Description
CH	Characters
LI	Lines
PG	Pages
RD	Records
ZO	Locally defined

Table 0136 – Yes/No Indicator

Code	Description
N	No
Y	Yes

Table 0155 – Accept/Application Acknowledgment Conditions

Code	Description
AL	Always
ER	Error/reject conditions only
NE	Never
SU	Successful completion only

Table 0172 – Veterans Military Status

Code	Description
N	Non Veteran
Y	Veteran

Table 0175 - Master File Identifier Code

Code	Description
Z04	VHA INSTITUTION (#4) File
5P12	POSTAL CODE (#5.12) File
5P13	COUNTY CODE (#5.13) File

Table 0178 - File Level Event Code

Code	Description
REP	Replace current version of this master file with the version contained in this message
UPD	Change file records as defined in the record level event codes for each record that follows

Table 0179 - Response Level

Code	Description
NE	Never. No application-level response needed
ER	Error/Reject conditions only. Only MFA segments denoting errors must be returned via the application-level acknowledgment for this message
AL	Always. All MFA segments (whether denoting errors or not) must be returned via the application-level acknowledgment message
SU	Success. Only MFA segments denoting success must be returned via the application-level acknowledgment for this message

Table 0180 - Record Level Event Code

Code	Description
MAD	Add record to master file
MDL	Delete record from master file
MUP	Update record for master file
MDC	Deactivate: discontinue using record in master file, but do not delete from database
MAC	Reactivate deactivated record

Table 0189 - Ethnic Group

Code	Description
H	Hispanic or Latino
N	Not Hispanic or Latino
U	Unknown

Table 0211 – Alternate Character Sets

Code	Description
8859/1	The printable characters from the ISO 8859/1 Character set
8859/2	The printable characters from the ISO 8859/2 Character set
8859/3	The printable characters from the ISO 8859/3 Character set
8859/4	The printable characters from the ISO 8859/4 Character set
8859/5	The printable characters from the ISO 8859/5 Character set
8859/6	The printable characters from the ISO 8859/6 Character set
8859/7	The printable characters from the ISO 8859/7 Character set
8859/8	The printable characters from the ISO 8859/8 Character set
8859/9	The printable characters from the ISO 8859/9 Character set
ASCII	The printable 7-bit ASCII character set. (This is the default if this field is omitted)
ISO IR14	Code for Information Exchange (one byte)(JIS X 0201-1976). Note that the code contains a space, i.e. "ISO IR14".
ISO IR159	Code of the supplementary Japanese Graphic Character set for information interchange (JIS X 0212-1990). Note that the code contains a space, i.e. "ISO IR159".
ISO IR87	Code for the Japanese Graphic Character set for information interchange (JIS X 0208-1990), Note that the code contains a space, i.e. "ISO IR87".
UNICODE	The world wide character standard from ISO/IEC 10646-1-19931

Table 0280 - Referral Priority

Code	Description
A	ASAP
R	Routine
S	STAT

Table 0281 - Referral Type

Code	Description
Hom	Home Care
Lab	Laboratory
Med	Medical
Psy	Psychiatric
Rad	Radiology
Skn	Skilled Nursing

Table 0282 - Referral Disposition

Code	Description
AM	Assume Management
RP	Return Patient After Evaluation
SO	Second Opinion
WR	Send Written Report

Table 0283 - Referral Status

Code	Description
A	Accepted
E	Expired
P	Pending
R	Rejected

Table 0284 - Referral Category

Code	Description
A	Ambulatory
E	Emergency
I	Inpatient
O	Outpatient

Table 0340 – Procedure Code Modifier

Code	Description
57	DECISION FOR SURGERY

Table 0356 – Alternate Character Set Handling Scheme

Code	Description
<null>	This is the default, indicating that there is no character set switching occurring in this message.
2.3	The character set switching mode specified in HL7 2.3, sections 2.8.28.6.1, and 2.9.2. Note that the escape sequences used in this mode do not use the ASCII "esc" character. They are "HL7 escape sequences" as defined in HL7 2.3, sec. 2.9 as defined in I
ISO 2022-1994	This standard is titled "Information Technology - Character Code Structure and Extension Technique". This standard specifies an escape sequence from basic one byte character set to specified other character set, and vice versa.

Table 0363 - Source of Address

ADDRESS CHANGE SOURCE Field (#.119) of PATIENT File (#2)

Code	Description
USVAHEC	US VA Health Eligibility Center
USVAMC	US VA Medical Center
USVAHBSC	US VA Health Benefits Service Center
USNCOA	US National Change Of Address
USVABVA	US VA Board of Veteran's Appeals Application
USVAINS	US VA Philadelphia Insurance Center
USPS	US COA electronic file from the US Postal Service with forwarding address generated from enrollment letters
USVA	US Department of Veterans Affairs

Appendix D - Supported/User-Defined VA HL7 Tables

Table VA001 - Yes/No

Code	Description
0	NO
1	YES

Table VA002 - Current Means Test Status

CODE (#.02) Field of MEANS TEST STATUS (#408.32) File

Code	Description
0	EXEMPT (LTC CO-PAY EXEMPTION TEST)
1	NON- EXEMPT (LTC CO-PAY EXEMPTION TEST)
A	MT COPAY EXEMPT
B	CATEGORY B
C	MT COPAY REQUIRED
E	EXEMPT
G	GMT COPAY REQUIRED
I	INCOMPLETE
L	NO LONGER APPLICABLE
M	NON-EXEMPT
N	NO LONGER REQUIRED
P	PENDING ADJUDICATION
R	REQUIRED

Table VA003 - Employment Status

EMPLOYMENT STATUS (#.31115) Field of PATIENT (#2) File

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

Table VA004 - Eligibility

Internal Entry Number of MAS ELIGIBILITY CODE (#8.1) File

Code	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
12	CHAMPVA
13	COLLATERAL OF VET.
14	EMPLOYEE
15	HOUSEBOUND
17	WORLD WAR I
18	PRISONER OF WAR
19	TRICARE
20	MEDICARE
22	PURPLE HEART

Table VA005 - Disability Retirement From Military

DISABILITY RET. FROM MILITARY? (#.362) Field of PATIENT (#2) File

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

Table VA006 - Eligibility Status

ELIGIBILITY STATUS (#.3611) Field of PATIENT (#2) File

Code	Description
P	PENDING VERIFICATION
R	PENDING RE-VERIFICATION
V	VERIFIED

Table VA007 - Race

ABBREVIATION (#2) Field of RACE (#10) File

Code	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 VA008 - Religion

CODE (#3) Field of RELIGION (#13) File

Code	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 VA009 - Relationship Number

RELATIONSHIP NUMBER (#.001) Field [internal entry number] of RELATIONSHIP (#408.11) File

Code	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	STEPFATHER
20	STEPMOTHER
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-GRANDDAUGHTER
31	NEPHEW
32	NIECE
33	UNCLE
34	AUNT
99	OTHER

Table VA010 –Means Test Indicator

Code	Description
AN	This Means Test category includes NSC veterans who are required to complete VA Form 10-10F (Financial Worksheet) and those NSC veterans in receipt of VA pension, aid and attendance, housebound allowance, or entitled to State Medicaid.
AS	This Means Test category includes all compensable service-connected (0-100%) veterans and special category veterans.
C	This Means Test category includes those veterans who, based on income and/or net worth, are required to reimburse VA for care rendered.
N	This Means Test category includes only non-veterans receiving treatment at VA facilities.
U	This Means Test category includes only those patients who require a Means Test, and the Means Test has not been done/completed. The Austin Automation Center (AAC) will not accept an OPC transaction unless the Means Test has been completed.
X	This Means Test category includes treatment of patients who are not required to complete the Means Test for the care being provided.

Table VA011 - Period of Service

Internal Entry Number of PERIOD OF SERVICE (#21) File

Code	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 VA012 – Type of Insurance

Code	Description
0	NO INSURANCE
1	MAJOR MEDICAL
10	PRESCRIPTION
11	MEDICARE SUPPLEMENTAL
12	ALL OTHER
2	DENTAL
3	HMO
4	PPO
5	MEDICARE
6	MEDICAID
7	CHAMPUS
8	WORKMAN COMP
9	INDEMNITY

Table VA013 - Rated Disabilities

NUMBER (.001) Field [internal entry number] of the DISABILITY CONDITION (#31) File
(Sample listing of possible values)

Code	Description
1	OSTEOMYELITIS
2	BONE DISEASE
3	RHEUMATOID ARTHRITIS
4	DEGENERATIVE ARTHRITIS
5	ARTHRITIS

Table VA014 - Medication Copayment Exemption Status

Code	Description
0	NON-EXEMPT
1	EXEMPT

Table VA015 - Enrollment Status

(#.04) Field of the PATIENT ENROLLMENT (#27.11) File

Code	Description
1	Unverified
2	Verified
3	Inactive (not used at this time)
4	Rejected (not used at this time)
5	Suspended (not used at this time)
6	Deceased
7	Canceled/Declined
8	Expired (not used at this time)
9	Pending (not used at this time)
10	Not Eligible
11	Rejected; Fiscal Year
12	Rejected; Mid-cycle
13	Rejected; Stop New Enrollments
14	Rejected; Initial Application by VAMC
15	Pending, No Eligibility Code
16	Pending; Means Test Required
17	Pending; Eligibility Status is Unverified
18	Pending; Other
19	Not Eligible; Refused to Pay Copay
20	Not Eligible; Ineligible Date
21	Pending; Purple Heart Unconfirmed
22	Rejected; Below Enrollment Group Threshold

Table VA016 - Reason Enrollment Canceled/Declined

(#.05) Field of the PATIENT ENROLLMENT (#27.11) File

Code	Description
1	Dissatisfied with Care
2	Geographic Access
3	Other Insurance
4	Other

Table VA017 – Enrollment Priority

Code	Description
1	Priority 1
2	Priority 2
3	Priority 3
4	Priority 4
5	Priority 5
6	Priority 6
7	Priority 7

Table VA022 – Radiation Exposure Method

Code	Description
2	Nagasaki - Hiroshima
3	Nuclear Testing
4	Both

Table VA026 – Military Service Component

Code	Description
R	Regular
V	Activated reserve
G	Activated national guard

Table VA033 - Fee Basis Treatment Code Type

Code	Description
1	Short Term Fee Status
2	Home Nursing Services
3	For I.D. Card Status
4	State Home

Table VA034 - Fee Basis Program

Code	Description
1	CHAMPVA
2	Civil Hospital
3	Comp & Pension
4	Contract Halfway House
5	Contract Nursing Home
6	Contract Readjustment Counseling
7	Dental
8	Dialysis
9	Home Health Services
10	Inpatient
11	Other Institutional Services
12	Outpatient
13	Oxygen Services
14	Pharmacy
15	State Home

Table VA035 - Enrollment Sub-Group

Enrollment Sub-Group (.12) of Patient Enrollment File (#27.11)

Code	Description
a	Non-compensable zero percent service connected veterans who were in an enrolled status on a specified date and who have remained continuously enrolled thereafter
c	Non-service connected veterans who were in an enrolled status on a specified date and who have remained continuously enrolled thereafter
e	0% non-compensable service-connected veterans who apply for enrollment on or after the EGT effective date
g	Non-service-connected veterans who apply for enrollment on or after the EGT effective date

Table VA036 –Military Sexual Trauma Status

Code	Description
D	SCREENED, DECLINES TO ANSWER
N	NO, SCREENED DOES NOT REPORT MST
U	UNKNOWN, NOT SCREENED
Y	YES, SCREENED REPORTS MST

Table VA038 - Military History Type

Code	Description
SL	SERVICE LAST EPISODE
SNL	SERVICE SECOND EPISODE
SNNL	SERVICE THIRD EPISODE
POW	PRISONER OF WAR
COMB	COMBAT
VIET	VIETNAM
LEBA	LEBANON
GREN	GRENADA
PANA	PANAMA
GULF	GULF WAR
SOMA	SOMALIA
PH	PURPLE HEART
YUGO	YUGOSLAVIA
OEIF	OPERATION ENDURING/IRAQI FREEDOM

Table VA0040 - Enrollment Group Threshold Type

EGT Type (.04) of Enrollment Group Threshold File (#27.16)

Code	Description
1	ANNUAL FISCAL YEAR
2	STOP NEW ENROLLMENTS DURING CYCLE
3	MID-CYCLE CHANGE
4	ENROLLMENT DECISION

Table VA041 – Determination Method

Code	Description
1	Automated Record Review
2	Medical Record Review
3	Physical Examination

Table VA042 – Affected Extremity

Code	Description
1	RUE (Right Upper Extremity)
2	RLE (Right Lower Extremity)
3	LUE (Left Upper Extremity)
4	LLE (Left Lower Extremity

Table VA043 –Condition Codes

Code	Description
1	KATZ
2	FOLS
3	RUG3
4	FIM
5	GAF

Table VA045 – CD Permanent Indicator

Code	Description
1	Permanent
2	Not permanent
3	Unknown

Table VA048 – Filipino Veteran Proof

Code	Description
PP	US Passport
BC	US Birth Certificate
BA	Report of Birth Abroad of US Citizen
NA	Verification of Naturalization
PR	Verification of Permanent Residency
VA	VA Compensation at Full Dollar Rate
NO	No Proof

Table VA0051 - Means Test Signature Status

Code	**Description**
1	YES; Means Test image received and signed
0	NO; Means Test image received, but unsigned
9	DELETED; Means Test signature indicator has been deleted

Table VA0052 - NTR Verification Method

Code	Description
S	Qual Military Srvc (Qualifying Military Service)
M	Military Med Rec (Military Medical Record)
N	Not Qualified

Table VA0053 - NTR Qualifiers

Code	Description
1	Received NTR Trmt (Received NTR Treatment)
2	Aviator Pre 1955 (Aviator Prior to 1955)
3	Sub Trainee pre 1965 (Navy Sub Trainee Prior 1965)
4	Dx With Head Neck Cancer (Diagnosed With Head and Neck Cancer)
5	No NTR Trmt (No NTR Treatment)
6	Not Aviator Pre 1955 (Not Aviator Prior to 1955)
7	Not Sub Trainee pre 1965 (Not Navy Sub Trainee Prior 1965)
8	Not Dx With Head Neck Cancer (Not Diagnosed With Head and Neck Cancer)
9	NTR Trmt Unknown (NTR Treatment Unknown)

Table VA060 – Type of Financial Test

Code	Description
1	MEANS TEST
2	CO-PAY EXEMPTION TEST
4	LTC CO-PAY EXEMPTION TEST

Table VA061 – Invalid Address Reason

Code	Description
1	Address Does Not Exist (maps to Code 1 errors)
2	Veteran Does Not Reside at Address (maps to NCOA invalid address and mail returned by USPS due to Forwarding Order Expired, etc.)
3	Missing Required Address Field (maps to HEC Errors/AAC Errors)
4	Death
5	Other

Table VA0115 - Servicing Facility

(Sample listing of possible values)

Code	Description
512 9AC	Perry Point (Nursing Home)