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**inCOME VERIFICATION MATCH**

**(IVM)**

**TECHNICAL MANUAL**

Version 2.0

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Revised February 2020

Department of Veterans Affairs

Office of Enterprise Development

Management, Enrollment and Financial Systems (MEFS)

# 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 |
| 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 |
| 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 #s31 & 32 (IVM\*2\*85) from theDemographic 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 5/22/06 | IVM\*2\*105 – Enrollment VistA Changes Release 1 - Modified the ORU~Z07 and ORF~Z07 message definitions in Appendix A | Laura Prietula | Terry Moore  Karen Stella |
| 5/22/06 | IVM\*2\*105 – Enrollment VistA Changes Release 1 – updated the following segments in Appendix B:   * RF1 * ZCT * ZDP * ZEL * ZIO * ZIR * ZMT * ZTA | Laura Prietula | Terry Moore  Karen Stella |
| 5/23/06 | IVM\*2\*105 – Enrollment VistA Changes Release 1 – Added a portion of Table 0115 (Servicing Facility) to Appendix C | Laura Prietula | Terry Moore  Karen Stella |
| 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) |
| 8/30/06 | DG\*5.3\*656 – Add Field Triggers for ORU~Z07s – added enrollment trigger events to Appendix A for multiple fields listed in patch description | Katherine Harris | Karen Stella |
| 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 |
| 9/12/2006 | DG\*5.3\*656 – Add Field Triggers for ORU~Z07s – removed enrollment trigger events from Appendix A for five fields listed in patch description | Katherine Harris | Karen Stella |
| 9/28/06 | IVM\*2\*105 – Enrollment VistA Changes Release 1 – Additional updates to segment tables in Appendix B | Laura Prietula | Terry Moore  Karen Stella |
| 10/19/06 | IVM\*2\*105 – Enrollment VistA Changes Release 1 – Updated footers to reflect correct release month and patch number | Laura Prietula | Karen Stella |
| 7/12/07 | IVM\*2\*105 – Enrollment VistA Changes Release 1 – Updated footers to reflect correct release month and patch number. Removed Draft indicators. | Laura Prietula | Tom Hamilton |
| 10/23/08 | IVM\*2\*115 - Enrollment VistA Changes Release 2 – Changed Environmental Contaminants to SW Asia Conditions. Updated ORU~Z10, ORF~Z10, ORU~Z11 & ORF~Z11 sections. Appendix B – HL7 Segment Table Definition updates. | Laura Prietula | Cory Spielvogle/Tom Hamilton |
| 10/30/08 | IVM\*2\*115 - Enrollment VistA Changes Release 2 – Updated ORU~Z07 & ORF~Z07 sections. | Laura Prietula | Cory Spielvogle/Tom Hamilton |
| 11/4/08 | IVM\*2\*115 - Enrollment VistA Changes Release 2 – Updated footer date to reflect new Release Date. Changed *Austin Automation Center(AAC)* to *Austin Information Technology Center(AITC)*. | Laura Prietula | Tom Hamilton |
| 11/07/08 | IVM\*2\*115 - Enrollment VistA Changes Release 2 – Updated Z06, Z10 & Z11 sections per SQA . Removed Draft indicators. | Laura Prietula | Tom Hamilton |
| 3/18/09 | IVM\*2\*115 - Enrollment VistA Changes Release 2 – Updated footers to reflect new Release Date. | Laura Prietula | Tom Hamilton |
| 4/10/09 | DG\*5.3\*803 – Relaxed Priority Group 8 Changes – Added Code 8 to Table VA017 in Appendix D. Added sub-categories ‘b’ and ‘d’ to Table VA035 in Appendix D. | Lynne Case | Tom Hamilton |
| 9/16/09 | IVM\*2\*121 –Veteran Online Applications  Changes- Updated IVM Transmission Error Processing Option. Added IVM Upload Insurance Screen. Added new sequence fields to HL7 messages. | Lynne Case | Tavia Leonard |
| 5/19/10 | IVM\*2\*121 –Veteran Online Applications  Changes – Updated ZCT, ZPD sequences of ORU~Z04, ZPD, ZRD, ZDP seq. of ORU~Z07, ZPD, ZEM, ZDP seq. of ORF~Z07, ZDP seq. of ORU~Z10, ZDP seq. of ORF~Z10, ZDP seq. of ORU~Z11 data transmissions. | Brian Morgan | Tom Hamilton |
| 5/27/10 | IVM\*2\*121 –Veteran Online Applications  Changes – Enrollment Trigger Events Implemented via File Cross-References were added. | Brian Morgan | Tom Hamilton |
| 8/25/10 | IVM\*2\*121 –Veteran Online Applications  Changes – ESR 3.1\_*CCR10343* - removed PID-24 from the Z05 message. *CCR10345* - removed ZPD-6 & ZPD-7 from the Z05 & Z07 messages. *CCR10346* - removed ZEM-4 & ZPD-6 from the Z07 messages for the Veteran.  Made changes to the ORF~Z07 PID segment to match the ORU~Z07 PID segment. | Brian Morgan | Tom Hamilton |
| 3/7/11 – 3/16/11 | IVM\*2\*TM\_PF  DG\*5.3\*838 made changes to Preferred Facility and the Z11 receiver; no associated IVM patch was necessary.  Changes ESR 3.5\_CR9620 –  Added ZEN-14 to the ORF-Z11 and ORU-Z11 messages.  Added Preferred Facility to the Triggers  Added ZEN 14 to the ZEN HL7 Message Segment | Glenda Miller | Darlene Morris |
| 7/1/11 | IVM\*2\*151 –Add a Person Changes – ESR 3.5  *CCR10441* – reversal of code to allow ORU-Z05 ZTA, ZEM and ZCT segments  *CCR10442* – reversal of code to allow ZPD-6 & ZPD-7 in the Z05 and Z07 messages  *CCR10443* – reversal of code to allow ZEM-4 & ZPD-6 in the Z07 message | Jennifer Freese | Tom Hamilton |
| 10/12/11 | IVM\*2\*151 –Add a Person Changes – ESR 3.5  Removed Draft indicator for final. Updated footer date from July to December. | Jennifer Freese | Tom Hamilton |
| 11/19/2011 | IVM\*2.0\*141 - Updated ZMH tables   * Added information to SL, SNL, and SNNL rows * Added MSD service indicators/qualifiers identified for the ZMH segment. | Laurie Sheppard | Jill Headen |
| 11/30/2011 | IVM\*2.0\*141 - Added MSD to the VA038 – Military History Type Table, updated footer dates to new Release Date. | Richard Karbarz | Darlene Morris |
| 12/5/2011 | IVM\*2.0\*141 - TW Review, minor formatting, removed Draft indicator for final review. | Glenda Miller | Tom Hamilton |
| 3/26/2012 | IVM\*2\*150 –VBA Pension Data Sharing Changes – ESR 3.6  New HL7 message segment ZE2 added to patient data exchange table, and to ORU~Z07, ORF~Z07, QRY, ORF~Z11, ORU~Z11 message definitions. Added *Pension Award* trigger events in Appendix A table. Added *VA-Specific Patient Eligibility (Addtl) Segment (ZE2)* table in seg. definition section in Appendix B. Added SEQ. 12&13 *(Class II Dental)* to *VA-Specific Service Period Segment (ZSP)* table seg. definition section in Appendix B.  TW Review – updated footers, formatting. | Glenda Miller | Tom Hamilton |
| 7/24/2012 | IVM\*2.0\*152 – Permanent Address Verification Changes – ESR 3.8  Add new Referral Type PHH to RF1 segment | Glenda Miller | Linda Desmond  Tom Hamilton |
| 1/8/2013 | IVM\*2.0\*152 – Permanent Address Verification Changes – ESR 3.8  Updated footer date to December 2012 Release date. | Glenda Miller | Tom Hamilton |
| 4/16/2015 | IVM\*2.0\*158 – Catastrophic Disability Descriptor Changes – ES 4.1, ZCD segment changes; added VA440 table | William Wigton | John Innis |
| 5/12/2015 | IVM\*2.0\*160 – Contributed to Spouse and BT Financial Indicator Changes –  add Contributed to Spouse Indicator to VA-Specific Income Relation Segment (ZIR) HL7 Segment Table;  add BTFI to the VA-Specific Means Test Information Segment (ZMT) HL7 Segment Table;  add Contributed to Spouse - ZIR 15 to the ORF-Z07, ORU-Z07, ORF-Z10 and ORU-Z10 messages;  add BT Financial Indicator - ZMT 31 sequence to the ORU-Z06, ORF-Z07, ORU-Z07, ORF-Z10 and ORU-Z10 messages.  DG\*5.3\*906 – ACA Preference – add “ACA Preference” to Cancelled/Declined table  DG\*5.3\*871 – Health Benefit Plan –  add ZHP to the HL7 Segments;  add ZHP segment to the ORF-Z07, ORU-Z07, ORF-Z11 and ORU-Z11 messages; and  add VA-Specific Health Benefit Plan Segment (ZHP) to the HL7 Segment Tables. | Louise Rodebush | John Innis |
| 11/05/2015 | TW review; DG\_53\_P891 | Louise Rodebush | P&A Competency TW |
| 11/23/15 | DG\*5.3\*890 – Added Contributed to Spousal Support (E40822^DGRTRIG) to Trigger Events  TW review | Louise Rodebush | Darlene Morris  P&A Competency TW |
| 3/21/2016 | IVM\*2.0\*161 – Updated ZEL segment in ORU~Z07, ORF~Z07, ORF~Z11, and ORU~Z11 (Appendix A pp. 23, 25, 30, 31)  Added CL-V trigger information (pp. 36-37)  Added Camp Lejeune fields to the ZEL segment (p. 48). | Howard Bromwell | Matt Dill |
| 09/06/2017 | DG\*5.3\*940 – Modified the ORU/ORF-Z11 message definitions on pages 30 and 31. Sequence 15 was added to the ZEN segment of these message definitions.  Modified Appendix B - VA-Specific Enrollment Segment (ZEN). Added Sequence 15: Reason For Closed Application (Page 50).  Modified Appendix D Table VA015 Enrollment Status. Code 24 - Closed Application added to table (page 82).  New table VA117 - Reason For Closed Application added to Appendix D (Page 87). | Delwin C. Johnson | D. Eaton |
| 11/06/2017 | DG\*5.3\*935 – Modified the ORU/ORF~Z11 message definitions on pages 30 and 31. Sequence 8 was added to the ZMH segment of these message definitions. Updated ZMH table (Appendix B p. 56) to include Future Discharge Date (Seq 8).  IVM\*2\*167 - Updated ZMH table (Appendix B p. 56) with note that FDD will not occur on the ORU-07 and ORF-Z07. | Delwin C. Johnson | C. Thayer |
| 10/24/2018 | DG\*5.3\*947 – Reason for Early Separation: Modified the ORU/ORF~Z11 message definitions on pages 30 and 31. Sequence 9 was added to the ZMH segment of these message definitions. Updated ZMH table (Appendix B p. 55) to include Reason for Early Separation (Seq 9). | Delwin C. Johnson | Nagaraja Kumar Marri |
| 12/05/2018 | DG\*5.3\*941 - Updated Table 0363 Source of Address to include VET360 code (p. 77).  IVM\*2.0\*164 – Added VA-Specific Address Validation Segment ZAV to HL7 Message Segment Table (p. 18), ORU~Z05 Transmission (p. 20), ORU~Z07 Transmission (p. 23), and ORF~Z07 Transmission (p. 25); Updated Enrollment Trigger Events Table to include field RESIDENTIAL ADDR CHANGE DT/TM (#.1158) with the PATIENT(#2) File (p. 32); Updated IVM Trigger Events Table to include Residential Address Cross-References IVM1151 – IVM1157 and IVM11571 – IVM11573 (p. 37); Added VA-Specific Address Validation Segment (ZAV) Table (p. 46). | Delwin C. Johnson | J. Innis |
| 01/21/2019 | IVM\*2.0\*175 – Reason for Early Separation Code: Modified the ORU/ORF~Z11 message definitions on pages 30 and 31. Sequence 10 was added to the ZMH segment of these message definitions. Updated ZMH table (Appendix B p. 56) to include Reason for Early Separation Code (Seq 10). | Delwin C. Johnson | John McManamon |
| 01/21/2019 | IVM\*2.0\*172 – Other Health Insurance (OHI) to VistA: Updated the Insurance Segment (IN1) Table (Appendix B p. 40) to include VISTA Element Name and VISTA File Field or Expression for Insured’s Date of Birth (Seq. 18). Updated VA-Specific Message Processing Segment (ZIV) Table (Appendix B p. 54) to include Source of Information Code (Seq. 13). | Delwin C. Johnson | Hayes Murdoch |
| 09/09/2019 | IVM\*2.0\*180 – Updated ORU~Z07 and ORF~Z07 to include 7th – 10th sequence numbers in ZIO segment (p. 23, p. 25); Updated ORF~Z11 and ORU~Z11 to include ZIO segment (p. 30, p. 31); Updated ZIO segment to include Original Appointment fields 7 – 10 (p. 53). | Delwin C. Johnson | Nagaraja Kumar Marri |
| 1/16/2020 | IVM\*2.0\*184 – OTH: Updated ZEL segment to include OTH fields (#45-#47) and added new ZTE segment (p. 63-65). | Keri Vogtmann | Yan Gurtovoy |
| 02/20/2020 | IVM\*2.0\*191 – Updated the 4th sequence of a QRD segment in a QRY message to pass in the Integration Control Number (ICN) along with the patient’s DFN (p.30). Updated QRD table to change the length of the 4th sequence to 23 characters and add the ICN to be included in with the patient DFN (Appendix B p.43). | Rishan Chandarana | Daniel Ades |

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# 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.

|  |  |
| --- | --- |
| 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.

|  |  |
| --- | --- |
| 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

Takethe 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 Information Technology Center (AITC), formerly known as the Austin Automation Center, 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 |
| BHS | Batch Header Segment |
| BTS | Batch Trailer Segment |
| FT1 | Financial Segment |
| IN1 | Insurance Segment |
| LOC | Location Identification Segment |
| MFA | Master File Acknowledgement |
| MFE | Master File Entry Segment |
| MFI | Master File Identification Segment |
| MSA | Message Acknowledgement |
| 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 |
| ZAV | VA-Specific Address Validation 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 |
| ZEG | VA Specific Enrollment Group Threshold Segment |
| ZEL | VA-Specific Patient Eligibility Segment |
| ZE2 | VA-Specific Patient Eligibility (Addtl) Segment |
| ZEM | VA-Specific Employment Information Segment |
| ZHP | VA-Specific Health Benefit Plan 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 |
| ZTE | VA Specific Temporary Eligibility 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.***

### SSN Data Transmission - (ORU~Z03)

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 1,4,5,7-9,12,13,15-18,28,36***)

ZIV VA-Specific Message Processing Segment (***SEQ 1,9,13***)

}

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 1,2,3,5,7,19***)

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, 10,11,13, 16-17, 19, 22,24)***

ZPD VA-Specific Patient Info Segment ***(SEQ 1,6,7,30, 34)***

ZTA VA-Specific Temporary Address Segment (***SEQ 1-9)***

{ZAV VA-Specific Address Validation Segment ***(SEQ 1-3)***

}

ZGD VA-Specific Guardian Segment ***(SEQ 1)***

ZCT VA-Specific Emergency Contact Segment ***(SEQ 1-7, 10)***

}

ZEM VA-Specific Employment Info Segment (***SEQ 1-7, 9)***

}

RF1 Referral Information Segment ***(SEQ 3,6,7)***

BTS Batch Trailer

### Date of Death Transmission - (ORU~Z05)

Newly identified or updated date of death-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, 8,19)***

ZPD VA-Specific Patient Info Segment ***(SEQ 1, 9, 31,32)***

ZTA VA-Specific Temporary Address Segment (***SEQ)***

ZGD VA-Specific Guardian Segment ***(SEQ)***

ZCT VA-Specific Emergency Contact Segment ***(SEQ)***

ZEM VA-Specific Employment Info Segment (***SEQ)***

RF1 Referral Information Segment ***(SEQ )***

BTS Batch Trailer

### Guardian Data Transmission - (ORU~Z05)

Newly identified or updated VA Guardian-type information for a patient transmitted from the HEC to the VAMC.

BHS Batch Header

{MSH Message Header

PID Patient Identification Segment **(*SEQ 1,2, 5,7, 8, 11, 19)***

ZPD VA-Specific Patient Info Segment ***(SEQ 1, 8)***

ZTA VA-Specific Temporary Address Segment (***SEQ)***

ZGD VA-Specific Guardian Segment ***(SEQ 1-8)***

ZCT VA-Specific Emergency Contact Segment ***(SEQ)***

ZEM VA-Specific Employment Info Segment (***SEQ)***

RF1 Referral Information Segment ***(SEQ)***

BTS Batch Trailer

### Means Test Data Transmission – (ORF~Z06) NOTE: This message has been retired.

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 ES to your facility.

BHS Batch Header

{MSH Message Header

PID Patient Identification Segment (***SEQ 1-3,5,7,8,19***)

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

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 1-3,7,8,10,12,15,17,18,20,25,26,31***)

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, 10-14, 16, 17, 19,22, 24)***

PD1 Patient Demographic Segment ***(SEQ 3)***

ZPD VA-Specific Patient Info Segment  ***(SEQ 1,6-9,11-13,17,19,30,31-34,35,40,41)***

ZTA VA-Specific Temporary Address Segment ***(SEQ 1-9)***

{ZAV VA-Specific Address Validation Segment ***(SEQ 1-3)***

}

ZIE VA-Specific Patient Ineligible Segment ***(SEQ 1-3)***

{ZEL VA-Specific Patient Eligibility Segment ***(SEQ 1,2,5-8,10,11,13-25,29,34,35,37,38-47 for primary***

***eligibility and SEQ 1,2 for all other eligibilities)***

}

{[ZE2 VA-Specific Patient Eligibility (Addtl) Segment (1,2)

]}

{[ZTE VA Specific Temporary Eligibility Segment

]}

[{ZHP VA-Specific Health Benefit Plan Segment (SEQ 1-4)

}]

ZEN VA-Specific Enrollment Segment ***(SEQ 1-13***)

ZCD VA-Specific Catastrophic Disability Segment ***(SEQ 1-17)***

**[**{ZMH}VA-Specific Military History Segment ***(SEQ 1-5)***

]

{ZRD VA-Specific Rated Disabilities Segment ***(SEQ 1-4, 12-14)***

}

ZCT VA-Specific Emergency Contact Segment ***(SEQ 1-7,10)***

{ZEM VA-Specific Employment Info Segment ***(SEQ 1-7 for Veteran and SEQ 1-7 for Spouse)***

}

{ZGD VA-Specific Guardian Segment ***(SEQ 1-8)***

}

ZIC VA-Specific Income Segment ***(SEQ 1-20 when ZMT SEQ 30 (version) is 0, SEQ 1-3,9,12-16,18-***

***19 when ZMT SEQ 30 (version) is 1)***

ZIR VA-Specific Income Relation Segment ***(SEQ 1-5,10,15)***

{ZDP VA-Specific Dependent Information Segment ***(SEQ 1-14 for spouse*** *and* ***SEQ 1-7,9-11***

***for all other dependents)***

ZIC VA-Specific Income Segment ***(SEQ 1-12,16-20 for spouse, SEQ 1-12,15 for dependents when***

***ZMT-30 (version) is 0) (SEQ 1-3,9,12,16,18-19 for spouse, SEQ 1,2,3,9,12,15,16,19 for***

***dependents when ZMT-30 (version) is 1)***

ZIR VA-Specific Income Relation Segment ***(SEQ 1-3 for spouse, SEQ 1-5,6-9,14 for other***

***dependents)***

}

ZIO VA-Specific Patient Info Segment ***(SEQ 1-10)***

{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 1-18,21-31)***

ZMT VA-Specific CoPay Test Information Segment ***(SEQ 1-7,9-10,12,15-18,21-22,25-26,30,31)***

ZMT VA-Specific LTC Test Information Segment ***(SEQ 1-5,7,9-10,12,16-18,22,25,30,31)***

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 1-8,10,11)***

{[OBX Observation/Result Segment

For Patient Sensitivity Information ***(SEQ 2,3,5,11,14,16)***

**For NTR *(SEQ 2,3,5,11,12,14,15-17)***

]}

{RF1 Referral Information Segment ***(SEQ 3,6,7)***

}

}

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 1-3,5-7,8,10-14,16,17,19,22,24)***

PD1 Patient Demographic Segment ***(SEQ 3)***

ZPD VA-Specific Patient Info Segment ***(SEQ 1,6-9,11-13,17,19,30,31-34,35, 40,41)***

ZTA VA-Specific Temporary Address Segment ***(SEQ 1-9)***

{ZAV VA-Specific Address Validation Segment ***(SEQ 1-3)***

}

ZIE VA-Specific Patient Ineligible Segment ***(SEQ 1-3)***

{ZEL VA-Specific Patient Eligibility Segment ***(SEQ 1,2,5-8,10,11,13-25,29,34,35,37,38-47 for primary***

***eligibility and SEQ 1,2 for all other eligibilities)***

}

{[ZE2 VA-Specific Patient Eligibility (Addtl) Segment (1,2)

]}

{[ZTE VA Specific Temporary Eligibility Segment

]}

[{ZHP VA-Specific Health Benefit Plan Segment (SEQ 1-4)

}]

ZEN VA-Specific Enrollment Segment ***(SEQ 1-13***)

ZCD VA-Specific Catastrophic Disability Segment ***(SEQ 1-17)***

{ZMH}VA-Specific Military History Segment ***(SEQ 1-5)***

{ZRD VA-Specific Rated Disabilities Segment ***(SEQ 1-4, 12-14)***

}

ZCT VA-Specific Emergency Contact Segment ***(SEQ 1-7,10)***

{ZEM VA-Specific Employment Info Segment ***(SEQ 1-7 for Veteran and SEQ 1-7 for Spouse 7, 9)***

}

{ZGD VA-Specific Guardian Segment ***(SEQ 1-8)***

}

ZIC VA-Specific Income Segment ***(SEQ 1-20 when ZMT SEQ 30 (version) is 0, SEQ 1-3,9,12-16,18-***

***19 when ZMT SEQ 30 (version) is 1))***

ZIR VA-Specific Income Relation Segment ***(SEQ 1-5,10,15)***

{ZDP VA-Specific Dependent Information Segment ***(SEQ 1-14 for spouse*** *and* ***SEQ 1-7,9-11***

***for all other dependents)***

ZIC VA-Specific Income Segment ***(SEQ 1-12,16-20 for spouse, SEQ 1-12,15 for dependents when***

***ZMT-30 (version) is 0 (SEQ 1-3,9,12,16,18-19 for spouse, SEQ 1,2,3,9,12,15,16,19 for***

***dependents when ZMT-30 (version) is 1)***

ZIR VA-Specific Income Relation Segment ***(SEQ 1-3 for spouse, SEQ 1-5,6-9,14 for dependents)***

}

ZIO VA-Specific Patient Info Segment ***(SEQ 1-10)***

{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, ,21-30,31)***

ZMT VA-Specific CoPay Test Information Segment ***(SEQ 1-7,9-10,12,15-18,21-22,25-26,30,31)***

ZMT VA-Specific LTC Test Information Segment ***(SEQ 1-5,7,9-10,12,16-18,22,25,30,31)***

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 1-8,10, 11)***

{[OBX Observation/Result Segment

For Patient Sensitivity Information ***(SEQ 2,3,5,11,14,16)***

for NTR ***(SEQ 2,3,5,11,12,14,15-17)***

]}

{RF1 Referral Information Segment ***(SEQ 3,6,7)***

}

}

BTS Batch Trailer

### *Case Status Data Transmission - (ORU~Z08)* ***(Message has been retired)***

*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 1,3,5,7,8,19***)

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. NOTE: The ORF~Z06 Means Test Transmission to VistA has been eliminated; instead, the Means Test Signature information will be sent to VistA in the Z10.

BHS Batch Header

{MSH Message Header

PID Patient Identification Segment ***(SEQ 1,3,5,7,8,19)***

ZIC VA-Specific Income Segment ***(SEQ 1-20 when ZMT SEQ 30 [Version] equals 0)***

***(SEQ 1-3,9,12-16,18-19 when ZMT SEQ 30 [Version] equals 1 and income year 2008 or***

***earlier) (SEQ 1-3,9,12 when ZMT SEQ 30 [Version] equals 1 and income year 2009 or later)***

ZIR VA-Specific Income Relation Segment ***(SEQ 1-4,10, 15)***

{ZDP VA-Specific Dependent Information Segment ***(SEQ 1-14 for spouse and SEQ 1-6,9-12 for dependents)***

ZIC VA-Specific Income Segment ***(SEQ 1-12,16-20 for spouse and SEQ 1-12,15 for all other dependents when ZMT SEQ 30 [Version] is equal to 0)***

***(SEQ 1-3,9,12,16,18-19 for spouse and SEQ 1-3,9,12,15-16,18-19 for dependents when ZMT SEQ 30 [Version] is equal to 1 and Income Year 2008 or earlier)***

***(SEQ 1-3,9,12 when ZMT SEQ 30 [Version] is equal to 1 and Income Year 2009 or later)***

ZIR VA-Specific Income Relation ***Segment (SEQ 1 for spouse and SEQ 1,3-4,6-9,14 for all other dependents)***

}

ZMT VA-Specific Means Test Information Segment ***(SEQ 1-19,22-30 for Income Year 2008 or earlier) (SEQ 1-4,6-19,22-31 for Income Year 2009 or later)***

ZMT VA-Specific Co-Pay Test Information Segment ***(SEQ 1-4,9,10,12,15-19,22,25-26,30-31)***

ZMT VA-Specific LTC Co-Pay Exemption Test Information Segment ***(SEQ 1-4,7,9,10,12,16-18,22,25,30-31)***

ZBT VA-Specific Beneficiary Travel Information Segment ***(SEQ 1-4)***

}

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. NOTE: The ORF~Z06 Means Test Transmission to VistA has been eliminated; instead, the Means Test Signature information will be sent to VistA in the Z10.

MSH Message Header

MSA Message Acknowledgment

QRD Query Definition ***(SEQ 1-4, 7-10,12)***

QRF Query Filter ***(SEQ 1,4,5)***

PID Patient Identification Segment ***(SEQ 1,3,5,7,8,19)***

ZIC VA-Specific Income Segment ***(SEQ 1-20 when ZMT SEQ 30 [Version] equals 0)***

***(SEQ 1-3,9,12-16,18-19 when ZMT SEQ 30 [Version] equals 1 and Income Year 2008 or earlier) (SEQ 1-3,9,12-15 when ZMT SEQ 30 [Version] equals 1 and Income Year 2009 or later)***

ZIR VA-Specific Income Relation Segment ***(SEQ 1-4,10, 15)***

{ZDP VA-Specific Dependent Information Segment **(SEQ 1-14 for spouse and SEQ 1-6,9-12 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 *when ZMT SEQ 30 [Version] is equal to 0*)**

***(SEQ 1-3,9,12,16,18-19 for spouse and SEQ 1-3,9,12,15-16,18-19 for dependents when ZMT SEQ 30 [Version] is equal to 1 and Income Year 2008 or earlier)***

***(SEQ 1-3,9,12-15 when ZMT SEQ 30 [Version] is equal to 1 and Income Year 2009 or later)***

ZIR VA-Specific Income Relation Segment ***(SEQ 1 for spouse and SEQ 1,3,4,6-9,14 for all other dependents)***

}

ZMT VA-Specific Means Test Information Segment ***(SEQ 1-19,22-30 for Income Year 2008 or earlier) (SEQ 1-19,22-31 for Income Year 2009 or later)***

ZMT VA-Specific Co-Pay Test Information Segment ***(SEQ 1-4,9-10,12,15-19,22,25-26,30,31)***

ZMT VA-Specific LTC Co-Pay Exemption Test Information Segment ***(SEQ 1-4,7,9-10,12,16-18,22,25,30,31)***

ZBT A-Specific Beneficiary Travel Information Segment ***(SEQ 1-4)***

BTS Batch Trailer

**Note: The ORU and ORF Z10- ZDP, ZIC, and ZIR segments will be contain data as follows:**

1. Vet has a spouse, spouse is active

ZDP - spouse data

ZIC - with data

ZIR - with data

1. Vet does not have a spouse

ZDP - sequence 6 = 2

ZIC with no data

ZIR with no data

1. Vet has an inactive spouse

ZDP - seq 6 set to 2

ZIC - no data

ZIR - no data

ZDP – inactive spouse to include all data

NO ZIC, ZIR

1. Vet has a current and inactive spouse

ZDP - with data for current/active spouse

ZIC - with data

ZIR - with data

ZDP - inactive spouse to include all data

NO ZIC, ZIR

1. Vet with spouse and active dependents

ZDP - spouse with data

ZIC - with data

ZIR - with data

ZDP - dependent with data

ZIC - with data

ZIR - with data

1. Vet with inactive dependents, no spouse

ZDP - set seq 6 to 2

ZIC no data

ZIR - no data

ZDP - with inactive dependent data

NO ZIC, NO ZIR

### **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 DF******N[component separator]Integration Control***

***Number (ICN)***

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 1-3,5,7,8,19)***

ZPD VA-Specific Patient Info Segment ***(SEQ 1,12,13,30,34,35,40)***

ZIE VA-Specific Patient Ineligible Segment ***(SEQ 1-4)***

ZIO VA-Specific Patient Info Segment ***(SEQ 1-10)***

{ZEL VA-Specific Patient Eligibility Segment ***(SEQ 1,2,5-8,10,11,13-25,29,34,35,38-47 for primary***

***eligibility and SEQ 1-2 for all other eligibilities)***

}

{[ZE2 VA-Specific Patient Eligibility (Addtl) Segment (1-3)

]}

{[ZTE VA Specific Temporary Eligibility Segment

]}

[{ZHP VA-Specific Health Benefit Plan Segment *(****SEQ 1-4****)*

}]

ZEN VA-Specific Enrollment Segment ***(SEQ 1-15)***

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 1-17)***

ZSP VA-Specific Service Period Segment ***(SEQ 1-4,6-8,10,13)***

{ZMH}VA-Specific Military History Segment ***(SEQ 1-5, 8, 9, 10)***

{ZRD VA-Specific Rated Disabilities Segment ***(SEQ 1-3,12-14)***

}

[OBX Observation/Result Segment ***(SEQ 1-3,5,11,12,14-17) -*** *NTR*

*(SEQ 2,3,5,11,14,16) - Sensitive Patient Information*

]

### 

### 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 1,12,13,30,34,35,40)***

ZIE VA-Specific Patient Ineligible Segment ***(SEQ 1-4)***

ZIO VA-Specific Patient Info Segment ***(SEQ 1-10)***

{ZEL VA-Specific Patient Eligibility Segment ***(SEQ 1,2,5-8,10,11,13-25,29,34,35,38-47 for primary***

***eligibility and SEQ 1,2 for all other eligibilities)***

}

{[ZE2 VA-Specific Patient Eligibility (Addtl) Segment (1-3)

]}

{[ZTE VA Specific Temporary Eligibility Segment

]}

[{ZHP VA-Specific Health Benefit Plan Segment *(****SEQ 1-4****)*

}]

ZEN VA-Specific Enrollment Segment ***(SEQ 1-15)***

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 1-17)***

ZSP VA-Specific Service Period Segment ***(SEQ 1-4,6-8,10,13)***

{ZMH}VA-Specific Military History Segment ***(SEQ 1-5, 8, 9, 10)***

{ZRD VA-Specific Rated Disabilities Segment ***(SEQ 1-3,12-14)***

}

[OBX Observation/Result Segment ***(SEQ 1-3,5,11,12,14-17) -*** *NTR*

*(SEQ 2,3,5,11,14,16) - Sensitive Patient Information*

]

}

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 Name (File #) | Field Name (Field #) | Cross-Reference | API Call |
| --- | --- | --- | --- |
| PATIENT (#2) | PRIMARY ELIGIBILITY (.361) | AENR361 | AUTOUPD^DGENA2 |
| PATIENT (#2) | ELIGIBILITY (.01) in the PATIENT ELIGIBILITIES sub-file (2.0361) | AENR01 | AUTOUPD^DGENA2 |
| PATIENT (#2) | DATE OF DEATH (.351) | AENR351 | AUTOUPD^DGENA2 |
| PATIENT (#2) | SERVICE CONNECTED (.301) | AENR301 | AUTOUPD^DGENA2 |
| PATIENT (#2) | SERVICE CONNECTED PERCENTAGE (.302) | AENR302 | AUTOUPD^DGENA2 |
| PATIENT (#2) | POW STATUS INDICATED (.525) | AENR525 | AUTOUPD^DGENA2 |
| PATIENT (#2) | RECEIVING A&A BENEFITS (.36205) | AENR36205 | AUTOUPD^DGENA2 |
| PATIENT (#2) | RECEIVING HOUSEBOUND BENEFITS (.36215) | AENR36215 | AUTOUPD^DGENA2 |
| PATIENT (#2) | RECEIVING A VA PENSION (.36235) | AENR36235 | AUTOUPD^DGENA2 |
| PATIENT (#2) | TOTAL ANNUAL VA CHECK AMOUNT (.36295) | AENR36295 | AUTOUPD^DGENA2 |
| PATIENT (#2) | DISABILITY RET. FROM MILITARY (.362) | AENR362 | AUTOUPD^DGENA2 |
| PATIENT (#2) | MEDICAID (.381) | AENR381 | AUTOUPD^DGENA2 |
| PATIENT (#2) | EXPOSED TO AGENT ORANGE (.32102) | AENR32102 | AUTOUPD^DGENA2 |
| PATIENT (#2) | RADIATION EXPOSURE (.32103) | AENR32103 | AUTOUPD^DGENA2 |
| PATIENT (#2) | SW ASIA CONDITIONS (.322013) | AENR322013 | AUTOUPD^DGENA2 |
| PATIENT (#2) | NAME (.01) | AENR01 | EVENT^IVMPLOG |
| PATIENT (#2) | SEX (.02) | AENR02 | EVENT^IVMPLOG |
| PATIENT (#2) | DATE OF BIRTH (.03) | AENR03 | EVENT^IVMPLOG |
| PATIENT (#2) | STREET ADDRESS [LINE 3] (.113) | AENR113 | EVENT^IVMPLOG |
| PATIENT (#2) | COUNTY (.117) | AENR117 | EVENT^IVMPLOG |
| PATIENT (#2) | PHONE NUMBER [RESIDENCE] (.131) | AENR131 | EVENT^IVMPLOG |
| PATIENT (#2) | PHONE NUMBER [WORK] (.132) | AENR132 | EVENT^IVMPLOG |
| PATIENT (#2) | INELIGIBLE DATE (.152) | AENR152 | EVENT^IVMPLOG |
| PATIENT (#2) | EMERGENCY RESPONSE INDICATOR (.181) | AENR181 | EVENT^IVMPLOG |
| PATIENT (#2) | COMBAT VETERAN END DATE (.5295) | AENR5295 | EVENT^IVMPLOG |
| PATIENT (#2) | \*CLAIM FOLDER LOCATION (#.312) | AENR312 | EVENT^IVMPLOG |
| PATIENT (#2) | ADDRESS CHANGE DT/TM (#.118) | AENR118 | EVENT^IVMPLOG |
| PATIENT (#2) | RESIDENTIAL ADDR CHANGE DT/TM (#.1158) | AENR1158 | EVENT^IVMPLOG |
| PATIENT (#2) | APPOINTMENT REQUEST DATE (#1010.1511) | AENR10101511 | EVENT^IVMPLOG |
| PATIENT (#2) | APPOINTMENT REQUEST ON 1010EZ (#1010.159) | AENR1010159 | EVENT^IVMPLOG |
| PATIENT (#2) | BAD ADDRESS INDICATOR (#.121) | AENR121 | EVENT^IVMPLOG |
| PATIENT (#2) | CLAIM NUMBER (#313) | AENR313 | EVENT^IVMPLOG |
| PATIENT (#2) | CONFIDENTIAL ADDR CHANGE DT/TM (#.14112) | AENR14112 | EVENT^IVMPLOG |
| PATIENT (#2) | CONFIDENTIAL ADDRESS COUNTY (#.14111) | AENR14111 | EVENT^IVMPLOG |
| PATIENT (#2) | COVERED BY HEALTH INSURANCE? (#.3192) | AENR3192 | EVENT^IVMPLOG |
| PATIENT (#2) | CURRENT PURPLE HEART REMARKS (#.533) | AENR533 | EVENT^IVMPLOG |
| PATIENT (#2) | CURRENT PURPLE HEART STATUS (#.532) | AENR532 | EVENT^IVMPLOG |
| PATIENT (#2) | DATE MEDICAID LAST ASKED (#.382) | AENR382 | EVENT^IVMPLOG |
| PATIENT (#2) | DATE OF DEATH LAST UPDATED (#.354) | AENR354 | EVENT^IVMPLOG |
| PATIENT (#2) | DATE OF DECISION (#.392) | AENR392 | EVENT^IVMPLOG |
| PATIENT (#2) | DECIDED BY (#.391) | AENR391 | EVENT^IVMPLOG |
| PATIENT (#2) | ELIGIBILITY STATUS (#.3611) | AENR3611 | EVENT^IVMPLOG |
| PATIENT (#2) | ELIGIBILITY STATUS DATE (#.3612) | AENR3612 | EVENT^IVMPLOG |
| PATIENT (#2) | ELIGIBILITY VERIF. METHOD (#.3615) | AENR3615 | EVENT^IVMPLOG |
| PATIENT (#2) | EMPLOYER NAME (#.3111) | AENR3111 | EVENT^IVMPLOG |
| PATIENT (#2) | EMPLOYMENT STATUS (#.31115) | AENR31115 | EVENT^IVMPLOG |
| PATIENT (#2) | FACILITY MAKING DETERMINATION (#.393) | AENR393 | EVENT^IVMPLOG |
| PATIENT (#2) | INELIGIBLE REASON (#.307) | AENR307 | EVENT^IVMPLOG |
| PATIENT (#2) | INELIGIBLE VARO DECISION (#.1656) | AENR1656 | EVENT^IVMPLOG |
| PATIENT (#2) | INTEGRATED CONTROL NUMBER (#991.01) | AENR99101 | EVENT^IVMPLOG |
| PATIENT (#2) | MARITAL STATUS (#.05) | AENR05 | EVENT^IVMPLOG |
| PATIENT (#2) | METHOD OF DETERMINATION (#.395) | AENR395 | EVENT^IVMPLOG |
| PATIENT (#2) | P&T (#.304) | AENR304 | EVENT^IVMPLOG |
| PATIENT (#2) | PERIOD OF SERVICE (#.323) | AENR323 | EVENT^IVMPLOG |
| PATIENT (#2) | PRIMARY NOK CHANGE DATE/TIME (#.21012) | AENR21012 | EVENT^IVMPLOG |
| PATIENT (#2) | RATED INCOMPETENT? (#.293) | AENR293 | EVENT^IVMPLOG |
| PATIENT (#2) | PENSION AWARD EFFECTIVE DATE(#.3851) | AENR3851 | EVENT^IVMPLOG |
| PATIENT (#2) | PENSION AWARD REASON(#.3852) | AENR3852 | EVENT^IVMPLOG |
| PATIENT (#2) | RECEIVING VA DISABILITY? (#.3025) | AENR3025 | EVENT^IVMPLOG |
| PATIENT (#2) | REVIEW DATE (#.394) | AENR394 | EVENT^IVMPLOG |
| PATIENT (#2) | SOURCE OF NOTIFICATION (#.353) | AENR353 | EVENT^IVMPLOG |
| PATIENT (#2) | TEMPORARY ADDRESS CHANGE DT/TM (#.12113) | AENR12113 | EVENT^IVMPLOG |
| PATIENT (#2) | TEMPORARY ADDRESS COUNTY (#.12111) | AENR12111 | EVENT^IVMPLOG |
| PATIENT (#2) | TEMPORARY PHONE NUMBER (#.1219) | AENR1219 | EVENT^IVMPLOG |
| PATIENT (#2) | USER ENROLLEE SITE (#.3618) | AENR3618 | EVENT^IVMPLOG |
| PATIENT (#2) | USER ENROLLEE VALID THROUGH (#.3617) | AENR3617 | EVENT^IVMPLOG |
| PATIENT (#2) | SECONDARY NOK CHANGE DATE/TIME (#.211012) | AENR211012 | EVENT^IVMPLOG |
| PATIENT (#2) | E-CONTACT CHANGE DATE/TIME (#.33012) | AENR33012 | EVENT^IVMPLOG |
| PATIENT (#2) | E2-CONTACT CHANGE DATE/TIME (#.33112) | AENR33112 | EVENT^IVMPLOG |
| PATIENT (#2) | DESIGNEE CHANGE DATE/TIME (#.3412) | AENR3412 | EVENT^IVMPLOG |
| PATIENT (#2) | PREFERRED FACILITY (#27.02) | AENR2702 | EVENT^IVMPLOG |
| PATIENT FILE (#2)  RATED DISABILITIES SUB-FILE (#.3721) | DISABILITY % (#2) | AENR2 | EVENT^IVMPLOG |
| PATIENT FILE (#2)  RATED DISABILITIES SUB-FILE (#.3721) | RATED DISABILITIES (VA) (#.01) | AENR01 | EVENT^IVMPLOG |
| PATIENT FILE (#2)  RATED DISABILITIES SUB-FILE (#.3721) | SERVICE CONNECTED (#3) | AENR3 | EVENT^IVMPLOG |
| PATIENT FILE (#2)  INSURANCE TYPE SUB-FILE (#.3121) | \*GROUP NUMBER (#2) | AENR2 | EVENT^IVMPLOG |
| PATIENT FILE (#2)  INSURANCE TYPE SUB-FILE (#.3121) | EFFECTIVE DATE OF POLICY (#8) | AENR8 | EVENT^IVMPLOG |
| PATIENT FILE (#2)  INSURANCE TYPE SUB-FILE(#.3121) | GROUP PLAN (#.18) | AENR18 | EVENT^IVMPLOG |
| PATIENT FILE (#2)  INSURANCE TYPE SUB-FILE (#.3121) | INSURANCE EXPIRATION DATE (#3) | AENR3 | EVENT^IVMPLOG |
| PATIENT FILE (#2)  INSURANCE TYPE SUB-FILE (#.3121) | INSURANCE TYPE (#.01) | AENR01 | EVENT^IVMPLOG |
| PATIENT FILE (#2)  INSURANCE TYPE SUB-FILE (#.3121) | NAME OF INSURED (#17) | AENR17 | EVENT^IVMPLOG |
| PATIENT FILE (#2)  INSURANCE TYPE SUB-FILE (#.3121) | SUBSCRIBER ID (#1) | AENR1 | EVENT^IVMPLOG |
| PATIENT FILE (#2)  INSURANCE TYPE SUB-FILE (#.3121) | WHOSE INSURANCE (#6) | AENR6 | EVENT^IVMPLOG |
| PATIENT FILE (#2)  CD STATUS DIAGNOSES SUB-FILE (#.396) | CD STATUS DIAGNOSES (#.01) | AENR01 | EVENT^IVMPLOG |
| PATIENT FILE (#2)  CD STATUS PROCEDURES SUB-FILE (#.397) | AFFECTED EXTREMITY (#1) | AENR1 | EVENT^IVMPLOG |
| PATIENT FILE (#2)  CD STATUS PROCEDURES SUB-FILE (#.397) | CD STATUS PROCEDURES (#.01) | AENR01 | EVENT^IVMPLOG |
| PATIENT FILE (#2)  CD STATUS CONDITIONS SUB-FILE (#.398) | CD STATUS CONDITIONS (#.01) | AENR01 | EVENT^IVMPLOG |
| PATIENT FILE (#2)  CD STATUS CONDITIONS SUB-FILE (#.398) | PERMANENT INDICATOR (#2) | AENR2 | EVENT^IVMPLOG |
| PATIENT FILE (#2)  CD STATUS CONDITIONS SUB-FILE (#.398) | SCORE (#1) | AENR1 | EVENT^IVMPLOG |
| PATIENT ENROLLMENT (#27.11) | EFFECTIVE DATE (#.08) | AENR08 | DGRTRIG |
| PATIENT ENROLLMENT (#27.11) | ENROLLMENT APPLICATION DATE (#.01) | AENR01 | DGRTRIG |
| PATIENT ENROLLMENT (#27.11) | ENROLLMENT DATE (#.1) | AENR1 | DGRTRIG |
| PATIENT ENROLLMENT (#27.11) | ENROLLMENT END DATE (#.11) | AENR11 | DGRTRIG |
| PATIENT ENROLLMENT (#27.11) | ENROLLMENT PRIORITY (#.07) | AENR07 | DGRTRIG |
| PATIENT ENROLLMENT (#27.11) | ENROLLMENT STATUS (#.04) | AENR04 | DGRTRIG |
| PATIENT ENROLLMENT (#27.11) | ENROLLMENT SUBGROUP (#.12) | AENR12 | DGRTRIG |
| PATIENT ENROLLMENT (#27.11) | FACILITY RECEIVED (#.06) | AENR06 | DGRTRIG |
| PATIENT ENROLLMENT (#27.11) | SOURCE OF ENROLLMENT (#.03) | AENR03 | DGRTRIG |
| MST HISTORY (#29.11) | MST CHANGE STATUS DATE (#.01) | AENR01 | DGRTRIG |
| MST HISTORY (#29.11) | MST STATUS (#3) | AENR3 | DGRTRIG |
| MST HISTORY (#29.11) | SITE DETERMINING STATUS (#6) | AENR6 | DGRTRIG |
| BILLING PATIENT (#354) | COPAY INCOME EXEMPTION STATUS (#.04) | AENR04 | DGRTRIG |
| BENEFICIARY TRAVEL CERTIFICATION (#392.2) | DATE CERTIFIED (#.01) | AENR01 | DGRTRIG |
| PATIENT RELATION (#408.12) | RELATIONSHIP (#.02) | AENR02 | DGRTRIG |
| PATIENT RELATION (#408.12)  EFFECTIVE DATE SUB-FILE (#75) | EFFECTIVE DATE (#.01) | AENR01 | DGRTRIG |
| INCOME PERSON (#408.13) | DATE OF BIRTH (#.03) | AENR03 | DGRTRIG |
| INCOME PERSON (#408.13) | MAIDEN NAME (#1.1) | AENR11 | DGRTRIG |
| INCOME PERSON (#408.13) | NAME (#.01) | AENR09 | DGRTRIG |
| INCOME PERSON (#408.13) | SEX (#.02) | AENR02 | DGRTRIG |
| INCOME PERSON (#408.13) | SOCIAL SECURITY NUMBER (#.09) | AENR09 | DGRTRIG |
| INDIVIDUAL ANNUAL INCOME (#408.21) | ALL OTHER INCOME (#.17) | AENR17 | DGRTRIG |
| INDIVIDUAL ANNUAL INCOME (#408.21) | CASH, AMOUNTS IN BANK ACCOUNTS (#2.01) | AENR201 | DGRTRIG |
| INDIVIDUAL ANNUAL INCOME (#408.21) | DEBTS (#2.05) | AENR205 | DGRTRIG |
| INDIVIDUAL ANNUAL INCOME (#408.21) | EDUCATIONAL EXPENSES (#1.03) | AENR103 | DGRTRIG |
| INDIVIDUAL ANNUAL INCOME (#408.21) | FUNERAL AND BURIAL EXPENSES (#1.02) | AENR102 | DGRTRIG |
| INDIVIDUAL ANNUAL INCOME (#408.21) | INTEREST, DIVIDEND, OR ANNUITY (#.15) | AENR15 | DGRTRIG |
| INDIVIDUAL ANNUAL INCOME (#408.21) | MEDICAL EXPENSES (#1.01) | AENR101 | DGRTRIG |
| INDIVIDUAL ANNUAL INCOME (#408.21) | MILITARY RETIREMENT (#.11) | AENR11 | DGRTRIG |
| INDIVIDUAL ANNUAL INCOME (#408.21) | OTHER PROPERTY OR ASSETS (#2.04) | AENR204 | DGRTRIG |
| INDIVIDUAL ANNUAL INCOME (#408.21) | OTHER RETIREMENT (#.13) | AENR13 | DGRTRIG |
| INDIVIDUAL ANNUAL INCOME (#408.21) | REAL PROPERTY (#2.03) | AENR203 | DGRTRIG |
| INDIVIDUAL ANNUAL INCOME (#408.21) | SOCIAL SECURITY (NOT SSI) (#.08) | AENR08 | DGRTRIG |
| INDIVIDUAL ANNUAL INCOME (#408.21) | STOCKS AND BONDS (#2.02) | AENR202 | DGRTRIG |
| INDIVIDUAL ANNUAL INCOME (#408.21) | TOTAL INCOME FROM EMPLOYMENT (#.14) | AENR14 | DGRTRIG |
| INDIVIDUAL ANNUAL INCOME (#408.21) | U.S. CIVIL SERVICE (#.09) | AENR09 | DGRTRIG |
| INDIVIDUAL ANNUAL INCOME (#408.21) | U.S. RAILROAD RETIREMENT (#.1) | AENR1 | DGRTRIG |
| INDIVIDUAL ANNUAL INCOME (#408.21) | UNEMPLOYMENT COMPENSATION (#.12) | AENR12 | DGRTRIG |
| INDIVIDUAL ANNUAL INCOME (#408.21) | WORKERS COMP. OR BLACK LUNG (#.16) | AENR16 | DGRTRIG |
| INDIVIDUAL ANNUAL INCOME (#408.21) | YEAR (#.01) | AENR01 | DGRTRIG |
| INCOME RELATION (#408.22) | AMOUNT CONTRIBUTED TO SPOUSE (#.07) | AENR07 | DGRTRIG |
| INCOME RELATION (#408.22) | CHILD 18-23 IN SCHOOL (#.18) | AENR18 | DGRTRIG |
| INCOME RELATION (#408.22) | CHILD HAD INCOME (#.11) | AENR11 | DGRTRIG |
| INCOME RELATION (#408.22) | CONTRIBUTED TO SPOUSAL SUPPORT (#.21) | E40822 | DGRTRIG |
| INCOME RELATION (#408.22) | CONTRIBUTED TO SUPPORT (#.1) | AENR1 | DGRTRIG |
| INCOME RELATION (#408.22) | DEPENDENT CHILDREN (#.08) | AENR08 | DGRTRIG |
| INCOME RELATION (#408.22) | INCAPABLE OF SELF-SUPPORT (#.09) | AENR09 | DGRTRIG |
| INCOME RELATION (#408.22) | INCOME AVAILABLE TO YOU (#.12) | AENR12 | DGRTRIG |
| INCOME RELATION (#408.22) | LIVED WITH PATIENT (#.06) | AENR06 | DGRTRIG |
| INCOME RELATION (#408.22) | MARRIED LAST CALENDAR YEAR (#.05) | AENR05 | DGRTRIG |
| INCOME RELATION (#408.22) | NUMBER OF DEPENDENT CHILDREN (#.13) | AENR13 | DGRTRIG |
| ANNUAL MEANS TEST (#408.31) | DATE/TIME TEST LAST EDITED (#2.02) | AENR202 | DGRTRIG |

#### 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 |
| RESIDENTIAL ADDRESS [LINE 1] (.1151) | IVM1151 | DPT^IVMPXFR |
| RESIDENTIAL ADDRESS [LINE 2] (-1152) | IVM1152 | DPT^IVMPXFR |
| RESIDENTIAL ADDRESS [LINE 3] (.1153) | IVM1153 | DPT^IVMPXFR |
| RESIDENTIAL CITY (.1154) | IVM1154 | DPT^IVMPXFR |
| RESIDENTIAL STATE (.1155) | IVM1155 | DPT^IVMPXFR |
| RESIDENTIAL COUNTY (.1157) | IVM1157 | DPT^IVMPXFR |
| RESIDENTIAL ZIP+4 (.1156) | IVM1156 | DPT^IVMPXFR |
| RESIDENTIAL PROVINCE (.11571) | IVM11571 | DPT^IVMPXFR |
| RESIDENTIAL POSTAL CODE (.11572) | IVM11572 | DPT^IVMPXFR |
| RESIDENTIAL COUNTRY (.11573) | IVM11573 | 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**.** |
| DGENCLEA | AUTOUPD^DGENA2 | Call to trigger an HL7 Full Data Transmission (ORU~Z07) message to be sent to the HEC for a Veteran when the Veteran’s Military Service Episodes are edited and they no longer meet the eligibility qualifications to receive Camp Lejeune benefits. |
| DGRP6EF | AUTOUPD^DGENA2 | Call to trigger an HL7 Full Data Transmission (ORU~Z07) message to be sent to the HEC for a patient when the Camp Lejeune question is answered by the user. |

# 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 |
| XAD | Extended Address (Complex) | No Equivalent |

## HL7 Segment Tables

### Financial Transaction (FTI)

| SEQ | LEN | DT | R/O | RP/# | TBL # | ELEMENT NAME | **V***IST***A**  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 | **V***IST***A** Element Name  **V***IST***A** 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 | INSURED'S DOB field (#60.08) of the INSURANCE VERIFICATION PROCESSOR file (#355.33) \*Required if patient is not the policy holder. |
| 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 | **V***IST***A** Element Name  **V***IST***A** 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 | **V***IST***A** 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 | **V***IST***A** 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 Identified by Address Type  Permanent (USA: .111 - .115, .1112, .1173 Foreign: .111 - .114, .1171-.1173)  Confidential (USA: .141, .1411-.1418, .14111, .14116 Foreign: .141, .1411-.1414, .1417, .1418, .14114-.14116)  Residential (USA:.1151-.1157,.11573, Foreign: .1151-.1154,.11571-.11573) |
| 12 | 4 | IS | B |  |  | County Code | VA COUNTY CODE Field (#.117) |
| 13 | 40 | XTN | O | Y |  | Phone Number – Home | PHONE NUMBER (RESIDENCE) Field (#.131)  PHONE NUMBER (WORK) Field (#.132)  EMAIL ADDRESS (#.133)  PHONE NUMBER [CELLULAR] (#.134)  PAGER NUMBER (#.135)  CONFIDENTIAL PHONE NUMBER Field (#.1315) |
| 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 Field(#.08) |
| 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 | Ethnicity Information Multiple (#2.06.01) |
| 23 | 60 | ST | O |  |  | Birth Place | Not used |
| 24 | 2 | ID | O |  | 0136 | Multiple Birth Indicator | Multiple Birth Indicator Field (#994) |
| 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 | **V***IST***A** 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 | 23 | ST | R |  |  | Query ID | **V***IST***A -**specific internal entry number of PATIENT (#2) File and Integration Control Number (ICN) if available. |
| 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]](#footnote-2) | \* | C | Y[[2]](#footnote-3) |  | 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’ = AITC (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) |

### Query Filter Segment (QRF)

| SEQ | LEN | DT | R/O | RP/# | TBL# | Element Name | **V***IST***A** 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 | **V***IST***A** 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 | SAD = Street Address Change  CAD = Confidential Address Change  CPH = Cell Phone Number Change  PNO = Pager Number Change  EAD = E-Mail Address Change  PHH – Home Phone Number Change |
| 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  SAD (Field #.12 of the Patient [#2] File)  CAD (Field #.14113 of the Patient [#2] File)  CPH (Field #.13111 of the Patient [#2] File)  PNO (Field #.1314 of the Patient [#2] File)  EAD (Field #.138 of the Patient [#2] File)  PHH (Field #.1323 of the Patient [#2] File)  2 – Source of Change  SAD (Field #.119 of the Patient [#2] File)  CAD (n/a)  CPH (Field #.1311 of the Patient [#2] File)  PNO (Field #.1313 of the Patient [#2] File)  EAD (Field #.137 of the Patient [#2] File)  PHH (Field #.1322 of the Patient [#2] File)  3 – Not Used  4 – Not used |
| 7 | 26 | TS | O |  |  | Effective Date | Date/Time of change  SAD (Field #.118 of the Patient [#2] File)  CAD (Field #.14112 of the Patient [#2] File)  CPH (Field #.139 of the Patient [#2] File)  PNO (Field #.1312 of the Patient [#2] File)  EAD (Field #.136 of the Patient [#2] File)  PHH (Field #.1321 of 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 Address Validation Segment (ZAV)

| SEQ | LEN | DT | R/O | RP/# | TBL# | Element Name | **V***IST***A** Element Name  **V***IST***A** PATIENT File (#2) Field |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1 | 4 | SI | R |  |  | Set ID | Sequential Number |
| 2 | 5 | IS | R |  |  | Address Type | Expected values:  P for Permanent Mailing Address  R for Residential Address  C for Temporary Mailing Address  CNF for Confidential Address |
| 3 | 2 | IS | R |  |  | Address Validation Indicator | Street Addr CASS Ind (Field #.1118)  Residential CASS Ind (Field #.1159)  Temporary Addr CASS Ind (Field #.12115)  Confidential Addr CASS Ind (Field #.14117)  Expected values:  Y – Certified  F – Failed  NC – Not Checked  PV – Processing |

### 

### VA-Specific Beneficiary Travel Segment (ZBT)

| SEQ | LEN | DT | R/O | RP/# | TBL# | Element Name | **V***IST***A** Element Name  **V***IST***A** 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 | **V***IST***A** 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) |
| 14 | 8 | DT | O |  |  | Date Veteran Requested CD Evaluation | DATE VETERAN REQUESTED CD EVAL (#.3951) |
| 15 | 8 | DT | O |  |  | Date Facility Initiated Review | DATE FACILITY INITIATED REVIEW (#.3952) |
| 16 | 8 | DT | O |  |  | Date Veteran Was Notified | DATE VETERAN WAS NOTIFIED (#.3953) |
| 17 | 60 | CE | O | R | VA440 | CD DESCRIPTOR | CD DESCRIPTOR field (#.401) |

### VA-Specific Emergency Contact Segment (ZCT)

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 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 | 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) |
| 10 | 24 | TS |  |  |  | Contact Date/Time Last Updated | PRIMARY NOK CHANGE DATE/TIME (#.21012) |
| Note: 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 | **V***IST***A** Element Name  **V***IST***A** 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 | MAIDEN NAME Field (#1.1) of INCOME PERSON File (#408.13) |
| 9 | 8 | DT |  |  |  | Dependent Date | EFFECTIVE DATE (Mult 408.1275; Field #.01) |
| 10 | 1 | ST |  |  |  | Pseudo SSN Reason | PSEUDO SSN REASON (#.1)  R=REFUSED TO PROVIDE  S=SSN UNKNOWN/FOLLOW-UP REQUIRED  N=NO SSN ASSIGNED |
| 11 | 8 | DT |  |  |  | Inactivation Date | Calculated Value from 408.1275;.01 and  408.1275;.02 |
| 12 | 1 | ST |  |  |  | SSN Verification Status | SSN VERIFICATION STATUS (#..11) |
| 13 | 250 | XAD |  |  |  | SPOUSE ADDRESS | SPOUSE ADDRESS (1.2, 1.3, 1.4, 1.5, 1.6, 1.7, (1.9) |
| 14 | 250 | XTN |  |  |  | SPOUSE HOME PHONE NUMBER | SPOUSE HOME PHONE NUMBER (1.8) |

### 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 | SW Asia Conditions | SW ASIA CONDITIONS? 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 |  |  |  | SW Asia Conditions Exam Date | SW ASIA COND. EXAM DATE Field (#.322015) |
| 32 | 8 | DT |  |  |  | SW Asia Conditions Reg Date | SW ASIA COND.. 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 |
| 40 | 1 | ST |  |  | 0136 | SHAD (Shipboard Hazard And Defense) | PROJ 112/SHAD (#.3215) |
| 41 | 1 | IS |  |  |  | Camp Lejeune | CAMP LEJEUNE INDICATED (#.321701) |
| 42 | 8 | DT |  |  |  | Camp Lejeune Date | CAMP LEJEUNE DATE (#.321702) |
| 43 | 10 | ST |  |  |  | Camp Lejeune Change Site | CAMP LEJEUNE CHANGE SITE (#.321703) |
| 44 | 10 | ST |  |  |  | Camp Lejeune Source | CAMP LEJEUNE SOURCE (#.321704) |
| 45 | 1 | IS |  |  | VA001 | OTH Eligibility Indicator | Values:  Blank – patient was never OTH  0 – patient was OTH, but not any longer  1 – patient is OTH |
| 46 | 1 | IS |  |  |  | OTH Eligibility Factor Code | Values:  ‘1’ - OTH-90  ‘2’ - OTH-EXT |
| 47 | TS | 19 |  |  |  | OTH Eligibility Update Date | Date/Time of OTH Eligibility Change |

### VA-Specific Patient Eligibility (Addtl) Segment (ZE2)

| SEQ | LEN | DT | R/O | RP/# | TBL# | Element Name | **V***IST***A** Element Name  PATIENT (#2) File Field or Expression |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1 | 109 | DR | R |  |  | Pension Dates | 2 components:  1 – Pension Award Effective Date (Field #.3851 of the Patient [#2] File)  2 – Pension Terminated Date (Field #.3853 of the Patient [#2] File |
| 2 | 51 | CWE |  |  |  | Pension Award Reason Code | Pension Award Reason (Field #.3852 of the Patient [#2] File |
| 3 | 51 | CWE |  |  |  | Pension Terminated Reason(s) | Pension Terminated Reason #1 (Field #.3854 of the Patient [#2] File  Pension Terminated Reason #2 (Field #.3855 of the Patient [#2] File  Pension Terminated Reason #3 (Field #.3856 of the Patient [#2] File  Pension Terminated Reason #4 (Field #.3857 of the Patient [#2] File |

### VA-Specific Employment Information Segment (ZEM)

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 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 | 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) |
| 9 | 8 | DT |  |  |  | Date of Retirement | Date of Retirement Patient (#.31116) ,Spouse (#  .2516) |

### VA-Specific Enrollment Segment (ZEN)

| SEQ | LEN | DT | R/O | RP/# | TBL# | Element Name | **V***IST***A** Element Name  **V***IST***A** 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) |
| 14 | 2 | ID |  |  |  | Preferred Facility Source Designation | SOURCE DESIGNATION Field (#.2702) of the PATIENT File (#2)  V=VistA; E=ESR; PA=PCP Active; PI=PCP Inactive |
| 15 | 1 | IS |  |  | VA117 | REASON FOR CLOSED APPLICATION (Z11 only) | REASON FOR CLOSED APPLICATION (.13) |

### VA-Specific Fee Basis Segment (ZFE)

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| SEQ | LEN | DT | R/O | RP/# | TBL# | Element Name | **V***IST***A** Element Name  **V***IST***A** 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 | **V***IST***A** 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) – old format

*This format of the ZIC segment is used when the Version of the means test is before FEB 2005 1010EZ (sequence 30 of the ZMT segment is equal to 0)*

| 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 Income Information Segment (ZIC) – Feb 2005 1010EZ format

*This format of the ZIC segment is used when the Version of the means test is FEB 2005-101EZ (sequence 30 of the ZMT segment is equal to 1)*

| 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 |  |  |  | Other Income Amounts (Soc. Sec., Compensation, Pension, Interest, Divid. Income) | SOCIAL SECURITY (NOT SSI) Field (#.08) [vet/spouse/child] |
| 9 | 9 | NM |  |  |  | Total Employment Income (Wages, Bonuses, Tips) | TOTAL INCOME FROM EMPLOYMENT Field (#.14)  [vet/spouse/child] |
| 12 | 9 | NM |  |  |  | Net Income from Farm, Ranch, Property, Business | ALL OTHER INCOME Field (#.17) [vet/spouse/child] |
| 13 | 8 | NM |  |  |  | Medical Expenses | MEDICAL EXPENSES Field (#1.01) [Veteran Only] **The value is the adjusted medical expenses.** |
| 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 (CDs, IRAs, Stocks, Bonds) | CASH,AMOUNTS IN BANK ACCOUNTS Field (#2.01) [vet/spouse/child] |
| 18 | 9 | NM |  |  |  | Land, Bldgs Less Mortgage, Liens (Not Primary Home) | REAL PROPERTY Field (#2.03) [veteran/spouse/child] |
| 19 | 9 | NM |  |  |  | Other Property (Farm, Bus) or Assets (Art, Collectibles) Less Amt Owed | OTHER PROPERTY OR ASSETS Field (#2.04) [veteran/spouse/child] |

### VA-Specific Health Benefit Plan Segment (ZHP)

| SEQ | LEN | DT | R/O | RP/# | TBL # | Element Name | **V***IST***A** Element Name  PATIENT (#2) File, CURRENT HEALTH BENEFIT PLAN (#25.01) Sub-File Field or Expression |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1 | 4 | SI | R |  |  | Set ID | Sequential Number (1 is always Primary Eligibility.) |
| 2 | 3 | CE | R |  |  | HBP CODE | HBP CODE (#.01) |
| 3 | 19 | TS | R |  |  | HBP LAST UPDATE DATE | ASSIGNED DATE/TIME (#21) |
| 4 | 12 | ST | R |  |  | HBP LAST UPDATED BY | ASSIGNED ENTERED BY (#2) |
| 5 | 6 | ST | R |  |  | HBP LAST UPDATED BY STATION NUMBER | HBP LAST UPDATED BY STATION NUMBER |

### VA-Specific Patient Ineligible Segment (ZIE)

| 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 | 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 | **V***IST***A** Element Name  **V***IST***A** 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) |
| 5 | 1 | ID |  |  | 0136 | Appointment Request on 1010EZ | APPOINTMENT REQUEST ON 1010EZ (#1010.159) |
| 6 | 8 | DT |  |  |  | Appointment Request Date | APPOINTMENT REQUEST DATE (#1010.1511) |
| 7 | 19 | TS |  |  |  | Update Date/Time | Date/time stamp of appointment request on 1010E |
| 8 | 1 | IS |  |  |  | Original Appointment Request |  |
| 9 | 8 | DT |  |  |  | Original Appointment Request Date |  |
| 10 | 19 | TS |  |  |  | Update Date/Time | Date/time stamp of original appointment request |

### VA-Specific Income Relation Segment (ZIR)

| SEQ | LEN | DT | R/O | RP/# | TBL# | Element Name | **V***IST***A** 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) |
| 14 | 1 | ID |  |  | 0136 | Dependent Child School Indicator | CHILD 18-23 IN SCHOOL (#.18) |
| 15 | 1 | IS |  |  |  | CONTRIBUTED TO SPOUSAL SUPPORT | CONTRIBUTED TO SPOUSAL SUPPORT (#.21) |

### VA-Specific Message Processing Segment (Ziv)

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| SEQ | LEN | DT | R/O | RP/# | TBL # | ELEMENT NAME | **V***IST***A** ELEMENT NAME  **V***IST***A** 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 **V***IST***A** 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 **V***IST***A** 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 |
| 13 | 2 | NM | R |  |  | SOURCE OF INFORMATION CODE | EXPECTED VALUES:  3 - IVM  14 – Purchased Care CHOICE |

### 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 |
| 6 |  |  |  |  |  | Not Used |  |
| 7 |  |  |  |  |  | Not Used |  |
| 8 | 8 | DT | O |  |  | FUTURE DISCHARGE DATE | FUTURE DISCHARGE DATE field # 2.3216,.08  The Future Discharge Date (FDD) will only occur on the ORU-Z11 or ORF-Z11 messages (NOTE: FDD will not occur on the ORU-07 and ORF-Z07). The FDD will only occur once. A patient cannot have more than one FDD. NOTE: The absence of the FDD record in the ZMH segment on the ORU-Z11 or ORF-Z11 HL7 message from ES will result in the deletion of the FDD record in VistA. |
| 9 | 9 | ST | O |  |  | REASON FOR EARLY SEPARATION | REASON FOR EARLY SEPARATION field # 2.3216,.09  The Reason for Early Separation will only occur on the ORU-Z11 or ORF-Z11 messages (NOTE: Reason for Early Separation will not occur on the ORU-Z07 and ORF-Z07). The absence of the Reason for Early Separation on the ORU-Z11 or ORF-Z11 HL7 message from ES will result in the deletion of the Reason for Early Separation record in VistA. |
| 10 | 10 | ST | O |  |  | SEPARATION REASON CODE | SEPARATION REASON CODE field # 2.3216,.1  The Separation Reason Code will only occur on the ORU-Z11 or ORF-Z11 messages (NOTE: Separation Reason Code will not occur on the ORU-Z07 and ORF-Z07). The absence of the Separation Reason Code on the ORU-Z11 or ORF-Z11 HL7 message from ES will result in the deletion of the Separation Reason Code record in VistA. |

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 (#2.3216, .03)  OR  Service branch [Last] (.325) | Service Number (#2.3216, .05)  OR  Service number [Last] (.328) | Service Discharge Type (#2.3216, .06)  OR  Service Discharge Type [Last] (.324) | Service Entry Date (#2.3216, .01)  OR  Service Entry Date [Last] (.326) | Service Separation Date (#2.3216, .02)  OR  Service Separation Date [Last] (.327) | Service Component (#2.3216, .04)  OR  Service Component [Last] (.32911) |
| SNL | Service Branch (#2.3216, .03)  OR  Service branch [NTL] (.3291) | Service Number (#2.3216, .05)  OR  Service number [NTL] (.3294) | Service Discharge Type (#2.3216, .06)  OR  Service Discharge Type [NTL] (.329) | Service Entry Date (#2.3216, .01)  OR  Service Entry Date [NTL] (.3292) | Service Separation Date (#2.3216, .02)  OR  Service Separation Date [NTL] (.3293) | Service Component (#2.3216, .04)  OR  Service Component [NTL] (.32912) |
| SNNL | Service Branch (#2.3216, .03)  OR  Service branch [NNTL] (.3296) | Service Number (#2.3216, .05)  OR  Service number [NNTL] (.3299) | Service Discharge Type (#2.3216, .06)  OR  Service Discharge Type [NNTL] (.3295) | Service Entry Date (#2.3216, .01)  OR  Service Entry Date [NNTL] (.3297) | Service Separation Date (#2.3216, .02)  OR  Service Separation Date [NNTL] (.3298) | Service Component (#2.3216, .04)  OR  Service Component [NNTL] (.32913) |
| \*MSD | Service Branch (#2.3216, .03) | Service Number (#2.3216, .05) | Service Discharge Type (#2.3216, .06) | Service Entry Date (#2.3216, .01) | Service Separation Date (#2.3216, .02) | Service Component (#2.3216, .04) |
| 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 |
| MSD | 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, 3=DCD, 4=Other Facility) |
| 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) |

VA-Specific Means Test Information Segment (ZMT), continued

| SEQ | LEN | DT | R/O | RP/# | TBL # | Element Name | **V***IST***A** Element Name  ANNUAL MEANS TEST (#408.31) File Field or Expression |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 21 | 1 | IS |  |  | VA001 | Refused To Sign | REFUSED TO SIGN Field (#.26) |
| 22 | 3 | NM |  |  | VA115 | \*\*\*\*Site Conducting Test | SITE CONDUCTING TEST Field (#2.05) |
| 23 | 3 | NM |  |  | VA115 | 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) |
| 30 | 1 | ST |  |  |  | Means Test Version | MEANS TEST VERSION (#2.11)  0 = Before Feb 2005 format  1 = Feb 2005  2 = TBD (in case there is a need to expand into the future) |
| 31 | 1 | IS |  |  | VA001 | BT FINANCIAL INDICATOR | BT FINANCIAL INDICATOR (#4) |
| 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). | | | | | | | |

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### 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) |

VA-Specific Patient Information Segment (ZPD), continued

| SEQ | LEN | DT | R/O | RP/# | TBL# | Element Name | **V***IST***A** Element Name  PATIENT (#2) File Field or Expression |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 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 | 1 | ST |  |  |  | Pseudo SSN Reason | PSEUDO SSN REASON Field (#.0906). Values: R – REFUSED TO PROVIDE, S – SSN UNKNOWN/FOLLOW-UP REQUIRED, N – NO SSN ASSIGNED |
| 35 | 15 | ID |  |  | VA018 | Agency/Allied Country | AGENCY/ALLIED COUNTRY Field (#.309). Pointer to OTHER FEDERAL AGENCY File (#35) |
| 36-39 | TBD | TBD | TBD | TBD | TBD | TBD | TBD |
| 40 | 1 | ST |  |  |  | Emergency Response Indicator | EMERGENCY RESPONSE INDICATOR Field (#.181) Values:  K – HURRICANE KATRINA |

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### 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) |
| 9 | 8 | DT |  |  |  | Service Verification Date | SERVICE VERIFICATION DATE (#.322) |
| 10 | 8 | DT |  |  |  | P&T Effective Date | P&T EFFECTIVE DATE (#.3013) |
| 11 | 8 | DT |  |  |  | Combined SC Percent Effective Date | EFF. DATE COMBINED SC% EVAL. (#.3014) |
| 12 | 1 | IS |  |  | VA001 | Eligible For Class II Dental | CLASS II DENTAL INDICATOR (#.3858) |
| 13 | 8 | DT |  |  |  | Class II Dental Application Due Before Date | DENTAL APPL DUE BEFORE DATE (#.3859) |

### VA-Specific Temporary Address Segment (ZTA)

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 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 | 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 | XAD |  |  |  | Temporary Address | TEMPORARY ADDRESS Fields (For USA: #.1211-.1215, .12111, .12112, .1223 For Foreign: .1211-.1213, .12111 .1221-.1223) |
| 6 | 4 | ID |  |  |  | Temporary Address County | TEMPORARY ADDRESS COUNTY Field (#.12111) |
| 7 | 40 | TN |  |  |  | Temporary Address Phone | TEMPORARY PHONE NUMBER Field (#.1219) |
| 8 | 26 | TS |  |  |  | Temporary Address Date/Time Last Updated | TEMPORARY ADDRESS CHANGE DT/TM (.12113) |
| 9 | 10 | NM |  |  | 0115 | Temporary Address Site of Change | TEMPORARY ADDRESS CHANGE SITE (#.12114) |

### VA Specific Temporary Eligibility Segment (ZTE)

| SEQ | LEN | DT | R/O | RP/# | TBL # | ELEMENT NAME | VISTA  File# 33 – OTH ELIGIBILITY PATIENT |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1 | 4 | SI | R |  |  | SET ID | Sequential Number |
| 2 | 8 | DT | O |  |  | DATE REQUEST SUBMITTED | Date of request submission to CMO  Pending  - file 33, field .03  Approved – sub-file 33.11, field .03  Denied – sub-file 33.03, field .02 |
| 3 | 19 | TS | O |  |  | ORIGINAL REQUEST ENTERED DATE/TIME | System timestamp when request is originally entered |
| 4 | 1 | ST | R |  |  | AUTHORIZATION STATUS | AUTHORIZATION STATUS  A = Approved  P = Pending  D = Denied |
| 5 | 19 | TS | O |  |  | DATE/TIME REQUEST UPDATED | Timestamp of last record modification  Pending  - file 33, field .05  Approved – sub-file 33.11, field .06  Denied – sub-file 33.03, field .05 |
| 6 | 60 | ST | O |  |  | REQUEST ENTERED BY | Name of the user who modified the record  Pending  - file 33, field .04  Approved – sub-file 33.11, field .05  Denied – sub-file 33.03, field .04 |
| 7 | 10 | IS | O |  | VA0115 | SITE OF CHANGE | Facility (station number) that modified the record  Pending  - file 33, field .06  Approved – sub-file 33.11, field .08  Denied – sub-file 33.03, field .06 |
| 8 | 4 | NM | O |  |  | 365 DAY PERIOD NUMBER | Sequential number of 365 day period. Only applicable to approved requests, blank for pending and denied requests.  Approved - sub-file 33.01, field .01 |
| 9 | 4 | NM | O |  |  | 90 DAY PERIOD NUMBER | Sequential number of 90 day period. Only applicable to approved requests, blank for pending and denied requests.  Approved - sub-file 33.11, field .01 |
| 10 | 8 | DT | O |  |  | AUTHORIZATION DATE | Date when authorization was received from CMO. Only applicable to approved requests, blank for pending and denied requests.  Approved - sub-file 33.11, field .04 |
| 11 | 60 | ST | O |  |  | AUTHORIZED BY | Name of the person who approved the request. Only applicable to approved requests, blank for pending and denied requests.  Approved - sub-file 33.11, field .07 |
| 12 | 8 | DT | O |  |  | START DATE | Start date of the approved 90 day period. Only applicable to approved requests, blank for pending and denied requests.  Approved - sub-file 33.11, field .02 |
| 13 | 60 | ST | O |  |  | AUTHORIZATION COMMENT | Comment / reason for request denial. Only applicable to denied requests, blank for approved and pending requests.  Denied – sub-file 33.03, field .03 |

### Batch Header Segment (BHS)

| SEQ | LEN | DT | R/O | RP/# | TBL# | Element Name | **V***IST***A** 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 | **V***IST***A** 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 0115 - Servicing Facility

*Sample of possible values; the complete table in the Messaging Workbench.*

|  |  |
| --- | --- |
| Code | Description |
| 327 | LOUISVILLE-RO |
| 358 | MANILA-RO |
| 402 | TOGUS VAMROC |
| 402GA | CARIBOU |
| 402GC | RUMFORD |
| 402GD | SACO VA CLINIC |
| 402HB | BANGOR |
| 402HC | PORTLAND |
| 402HK | CALAIS/MACHIAS |
| 405 | WHITE RIVER JCT VAMROC |

## 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 |
| VET360 | VET360 address validation service |

# 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 |
| 23 | EXPANDED MH CARE NON-ENROLLEE |

## 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 Information Technology Center (AITC) 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 |
| 23 | Not Applicable |
| 24 | Closed Application |

## 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 |
| 5 | ACA Preference |

## 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 |
| 8 | Priority 8 |

## 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 |
| b | Non-compensable zero percent service connected veterans who apply for enrollment on or after 1/1/2009 AND the current Financial assessment identifies income above the VA MT or GMT threshold (which ever is higher) by 10% or less  OR  Non-compensable zero percent service connected veterans who submit a 2008 Income Year Means test or later that calculates the income (income minus medical and educational expenses) under the VA MT threshold and income plus assets are greater than or equal to $80K |
| c | Non-service connected veterans who were in an enrolled status on a specified date and who have remained continuously enrolled thereafter |
| d | Non-service connected veterans who apply for enrollment on or after 1/1/2009 AND the most current financial assessment identifies income above the VA MT or GMT threshold (which ever is higher) by 10% or less  OR  Non-service connected veterans who submit a 2008 Income Year Means test or later that calculates the income (income minus medical and educational expenses) under the VA MT threshold and income plus assets are greater than or equal to $80K |
| 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 |
| MSD | MILITARY SERVICE DATA |
| 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/AITC Errors) |
| 4 | Death |
| 5 | Other |

## Table VA0115 - Servicing Facility

*(Sample listing of possible values)*

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

## Table VA117 - Reason For Closed Application

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

|  |  |
| --- | --- |
| Code | Description |
| 1 | Abandoned Application |

## Table VA440 – CD Descriptors

|  |  |
| --- | --- |
| Code | Description |
| 1 | QUADRIPLEGIA |
| 2 | PARAPLEGIA |
| 3 | PERSISTENT VEGETATIVE STATE |
| 4 | LEGAL BLINDNESS |
| 5 | AMPUTATION, DISARTICULATION, OR DETACHMENT |
| 6 | DEFICIENCIES OF PHYSICAL OR MENTAL FUNCTION |
| 7 | DEAFNESS |

1. The length of the observation value field is variable, depending upon value type. See Sequence 2 in OBX table above. [↑](#footnote-ref-2)
2. May repeat for multipart, single answer results with appropriate data types, e.g., CE, TX, and FT data types. [↑](#footnote-ref-3)