VA Point of Service (VPS) Kiosks

Interface Control Document (ICD)

Remote Procedure Call (RPC)



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# Introduction

This Department of Veterans Affairs (VA) Point of Service (VPS) Kiosks Interface Control Document (ICD) documents and tracks the necessary information required to effectively define the VPS Kiosk system’s Veterans Health Information System & Technology Architecture (VistA) Remote Procedure Call (RPC) interface. The ICD also documents rules for communicating with the RPC(s) to give the development team guidance on architecture of the system to be developed. This ICD helps verify compatibility between system segments and components.

## Purpose

This ICD presents the software interface requirements between the VPS Kiosk’s Application Server to the RPC(s) residing on the VistA host. The purpose of the ICD is to specify interface requirements to be met by the participating systems. It describes the concept of operations for the interface, defines the message structure and protocols that govern the interchange of data, and identifies the communication paths along which the data is expected to flow.

The intended audience of the VPS Kiosk RPC ICD is all project stakeholders including the project sponsor, senior leadership, and the system, designers, software developers, testers responsible for implementing the interface and other project team members.

## Scope

This document provides details on the functional, performance, operational and design requirements for the interface between the VPS Kiosk’s Application Server subsystem to the RPC(s) residing on the VistA host. This ICD specifies the interface(s) between the VPS Kiosk’s Application Server subsystem and the RPC(s) residing on the VistA host, specifically the required input and resultant output from the RPC(s). Upon formal approval for each participating system, this ICD shall be incorporated into the requirements baseline for each system. This document describes the file parameters and record layouts for the data that the VPS Kiosk’s Application Server subsystem receives or transmits to or from the VPS RPCs on the VistA host from the VPS RPC(s) on the VistA host. This data is used to define the input signatures and output data format the VPS Kiosk’s related application servers will use.

## System Identification

This ICD describes the interface between the VPS Kiosk and the RPC(s) residing on the VistA host.

### System

The VPS Kiosk Application Server receives data requests from a VPS Kiosk client, formulates the request into the required format, and then passes the request to the RPC Broker residing on the VistA host. The RPC Broker uses the data in the request to call the required VPS RPC(s). Each RPC uses the input parameters to retrieve or update the VistA data files and then returns the results to the calling VPS Application Server.

Table 1 – VPS Kiosk Application Server Subsystem

| System | Details |
| --- | --- |
| Title | VPS Kiosk Application Server |
| Abbreviation | VPS Kiosk AS |
| Version Number | TBD |
| Release Number | N/A |
| Point of Contact | Vecna |
| Vendor [Optional] | Vecna |

Table 2 – VistA Host (Instance)

|  |  |
| --- | --- |
| System | Details |
| Title | VistA Host |
| Abbreviation | VistA |
| Version Number | VPS Version 1.0 |
| Release Number | VPS\*1\*2 and VPS\*1\*3 |
| Point of Contact | Host Information Resource Management (IRM) |

## Operational Agreement

This ICD provides the specification for an interface between the VPS Kiosk Application Server subsystem, and the existing and VPS-specific RPC(s) residing on the VistA host regarding patient data requirements. The Interface Agreements (IAs) with the various VistA file/field owners require them to notify the VPS Kiosk Project Manager of any potential or planned changes to data fields once these changes are known to minimize adverse impacts on the VPS Kiosk System.

Modifications to the ICD will be sent to VPS Kiosk Program Office.

## Interface Definition

The VPS RPC interface is a set of software [Massachusetts General Hospital](http://en.wikipedia.org/wiki/Massachusetts_General_Hospital) Utility Multi-Programming System (MUMPS) routines that resides within the VistA database instance. Each RPC is called or invoked by the VistA RPC Broker. See Figure 1 for an example of the interface architecture.

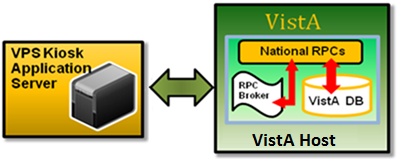


Figure 1 – Example Interface Architecture within VA Test Environment

The VPS Kiosk Application Server allows authorized VPS Kiosk Clients to request patient data from VistA hosts. For example, the VPS Kiosk Application Server connects to a VistA RPC Broker. With the patient’s social security number (SSN), the Patient Read-Only RPC is called by the broker and executed on that SSN, and the returned data is passed back to the VPS Kiosk Application Server. See Figure 2.

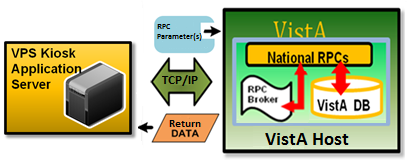


Figure 2 – Example Data Passed Back to the Calling Application

## Interface Overview

The VPS Kiosk Application Server formats the request and initiates a Transmission Control Protocol/Internet Protocol (TCP\IP) connection to a VistA RPC Broker running on a VistA Host. The VPS RPCs are called by the broker and executed, and the result data is passed back to the VPS Kiosk Application Server.

## Operations

Within the VPS Kiosk Application Server subsystem and the corresponding VistA RPC Broker, there is no direct user involvement. The VPS Kiosk Client graphical user interface (GUI) resides within a Veterans Health Administration (VHA) health facility.

## Data Transfer

A Veteran will either scan his ID card or enter his SSN within the client GUI. This triggers a request from the VPS Kiosk Application Server to the VistA RPC Broker. The client software sends the required authentication credentials and site network identification data (IP or Host Name and Port Number) and opens a TCP\IP connection to the corresponding VistA Host (instance) with the VistA RPC Broker.

The VPS Kiosk Application Server then uses the connection to the Broker to execute the RPC(s) with the VPS RPC name(s) and required input parameter(s), processing the returned data. See

Figure 3.

## Transaction Types

The VPS Kiosk Application Server supports both read and write VistA transactions.

## Data Exchanges

See Section 1.8, Data Transfer.

## Precedence and Criticality

The VHA relies on accurate patient data to allow VA Staff to make informed decisions, medical and otherwise.

## Communications Methods

* The VPS Kiosk Application Server will initiate a TCP\IP connection with the appropriate VistA Broker (instance). Data returned from the VistA RPC Broker is via the same connection. For the calling server the assumptions are made that the RPC Broker is installed and functional.
* The application making the connection has a valid access\verify code and access control list (ACL) authorization.
* The RPC listener is running on a defined port.

## Performance Requirements

There are specific performance requirements relating to latency within the VPS Kiosks Requirements Specification Document (RSD). See section 2.5.17 of the RSD v1.5.

## Security

All data transmission between the VPS Kiosk Application Server and VistA Host (instance) is within the VHA wide area network (WAN) behind the VA firewall.

## Sequence Diagrams

This section describes the sequence diagrams that further illustrate invocations of the VPS RPC(s).

| **RPC Name** | **Brief Description** |
| --- | --- |
| VPS GET PATIENT DEMOGRAPHIC | The VPS Get Patient Demographic RPC returns an array that represents the patient’s demographic, insurance, appointment data; or exception outcome. |
| VPS GET CLINIC | The VPS Get Clinic RPC returns an array of clinic names matching the input value. |
| VPS PATIENT CHECK-IN | The VPS Patient Check-In RPC represents the result of attempted check-in for each appt. |
| VPS EDIT PATIENT DEMOGRAPHIC | The VPS Edit Patient Demographic RPC is a local array where each field is updated in the PATIENT file (#2) |
| VPS PATIENT PRE-REGISTRATION | The VPS Patient PRE-Registration RPC is a simple string consisting of a single digit to denote success or failure of the pre-registration. |
| VPS FULLSSN | The VPS FULLSSN RPC is an array returning patient info. |
| VPS LAST5 | The VPS LAST5 RPC is an array returning Last 4-Digits of SSN |
| VPS LISTALL | The VPS LASTALL RPC is an array returning a list of patient info. |
| VPS GET SITES | The VPS GET SITES RPC is an array of site IDs obtained from the TREATING FACILITY LIST. |
| VPS GET DFN | Given input parameter SSN, this RPC returns Patient DFN |
| VPS GET ALLERGIES | VPS GET ALLEGIES retrieves patient allergy data stored in an entry or entries in the PATIENT ALLERGIES file (120.8). The retrieved data is made available to the Vetlink system. The RPC will accept a single input parameter; and will return output when processing completes or ends with an exception. |
| VPS WRITE MRAR PDO | The RPC will accept three input parameters and will return output when processing completes or ends with an exception. Vetlink Kiosk has the Medication Review Allergy Review modules where a Veteran can review and make changes to his medications and any allergies. The MRAR can also be facilitated by a provider. The local arrays identify the field to be updated along with the respective data changes and serves to the RPC. |
| VPS GET MRAR PDO | The staff-facing user interface of the Vetlink system will call the VPS GET MRAR PDO remote procedure to display the output of the latest of Medication Review Allergy Review (MRAR). The software that supports this procedure will build a global array with each subscript in the array assigned a line of text representing clinical data (allergy and medications) associated with the results of the MRAR with the veteran. This is referred to as PDO output and will be presented as a note on the Vetlink client. |
| VPS WRITE KIOSK PARAMETERS | Many facets of MRAR behavior are dictated by a set of business parameters defined and entered by the healthcare facility administrator. For statistical purposes, VetLink will call this RPC to store these configuration changes. This configuration changes will be stored by a KIOSK GROUP or By Clinic |
| VPS UPDATE LAST MRAR TIU IEN | VPS UPDATE LAST MRAR IEN RPC will update field 105 - TIU NOTE IEN of Sub-File #853.51 Of File #853.5 for the last MRAR of a patient.  Upon successful creation of TIU NOTE by Vetlink using ‘TIU CREATE RECORD’ RPC, the return value should be passed on to this ‘VPS UPDATE LAST MRAR TIU IEN’ RPC to store the TIU NOTE IEN on the last MRAR PDO for the patient. |
| TIU LONG LIST OF TITLES | This RPC serves data to a long list of selectable TITLES by CLASS.  e.g., passing the class PROGRESS NOTES will return active Progress Notes titles under which the current user is authorized to enter notes. |
| TIU REQUIRES COSIGNATURE | This Boolean RPC simply evaluates whether the current user requires co-signature for TIU DOCUMENTS, and returns a 1 if true, or a 0 if false. |
| TIU CREATE RECORD | This RPC allows the creation of TIU DOCUMENT records. |
| TIU SET DOCUMENT TEXT | This RPC buffers the transmittal of text (i.e., the body of TIU Documents) from the Client to the Server. It allows documents of indefinite size to be filed, without risk of an allocate error on VistA. |
| TIU SIGN RECORD | This RPC supports the application of the user's electronic signature to a TIU document while evaluating authorization, and validating the user's electronic signature. |

### Direct RPC Calls to VPS Package

Figure 3 is the sequence diagram for the VPS Kiosk Application Server method of calling VPS RPC(s) from VistA. The contents inside the dotted rectangle represent a black box to VPS Kiosk Application Server. First, a connection is established to the VistA Broker. Using this connection, the client software running on the VPS Kiosk Application Server executes one or more VPS RPC(s). Finally, VPS Kiosk Application Server client software processes the returned data, displaying the results to the Kiosk or Staff-Facing Application. This same process is followed for all VPS RPC(s).

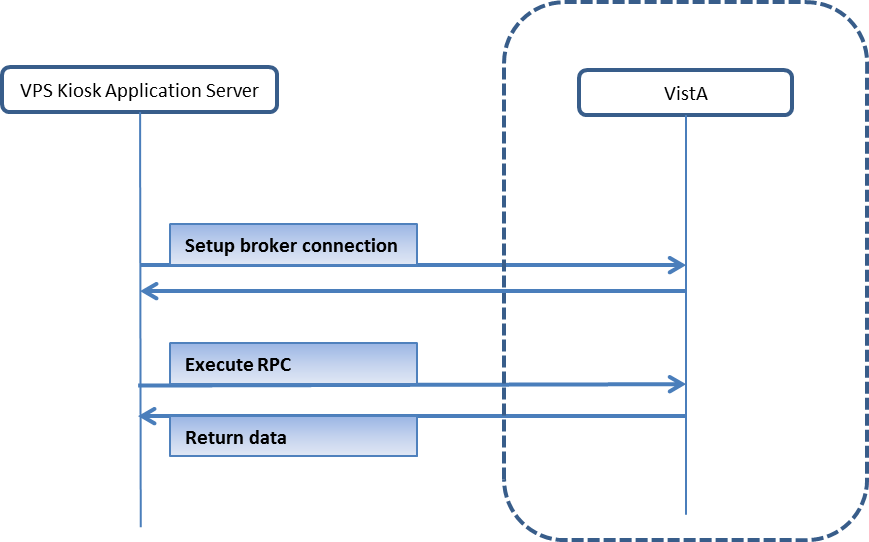


Figure 3 – Sequence Diagram VPS RPC General

### VPS GET PATIENT DEMOGRAPHIC RPC

Figure 4 is the sequence diagram for the VPS GET PATIENT DEMOGRAPHIC RPC.

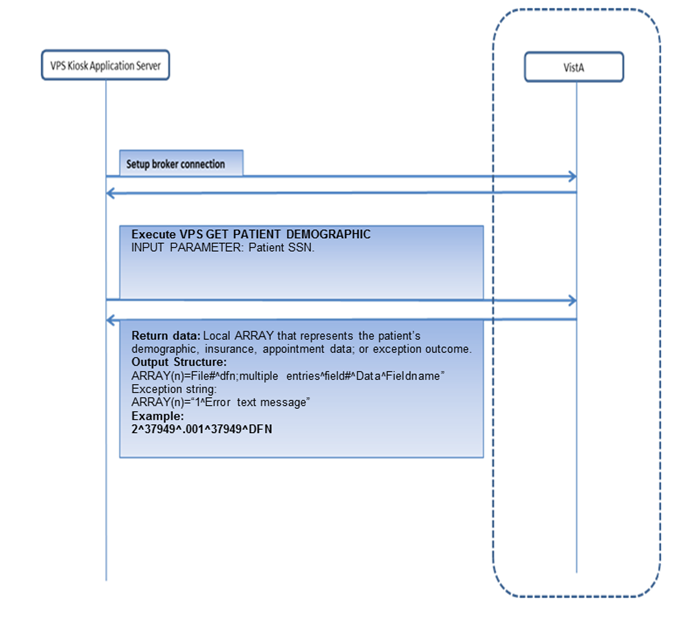


Figure 4 – Sequence Diagram VPS GET PATIENT DEMOGRAPHIC RPC

### VPS GET CLINIC RPC

Figure 5 is the sequence diagram for the VPS GET CLINIC RPC.

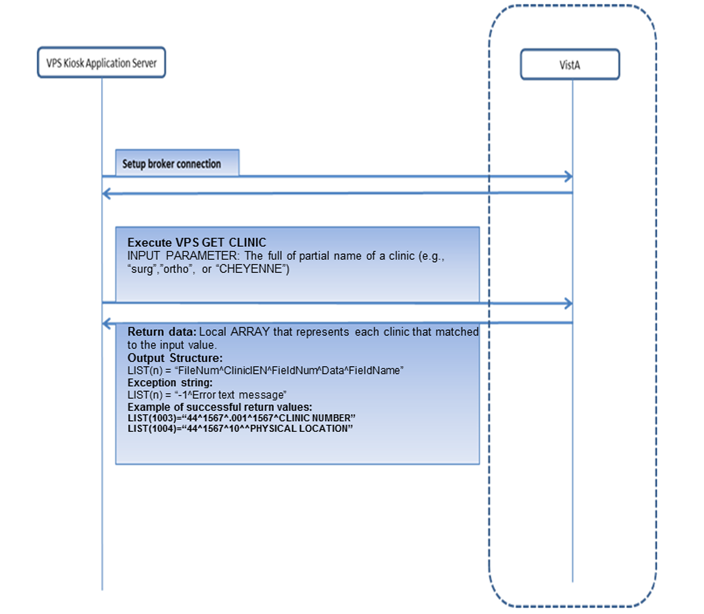


Figure 5 – Sequence Diagram VPS GET CLINIC RPC

### VPS PATIENT CHECK-IN RPC

Figure 6 is the sequence diagram for the VPS PATIENT CHECK-IN RPC.

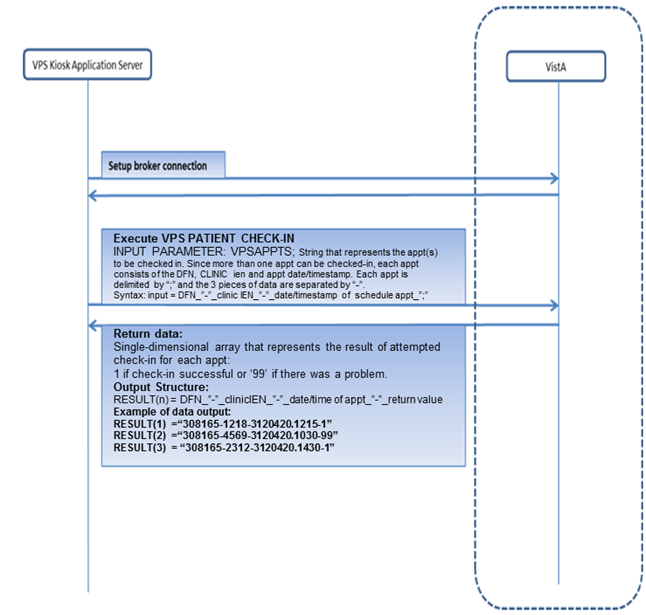


Figure 6 – Sequence Diagram VPS PATIENT CHECK-IN RPC

### VPS EDIT PATIENT DEMOGRAPHIC RPC

Figure 7 is the sequence diagram for the VPS EDIT PATIENT DEMOGRAPHIC RPC.

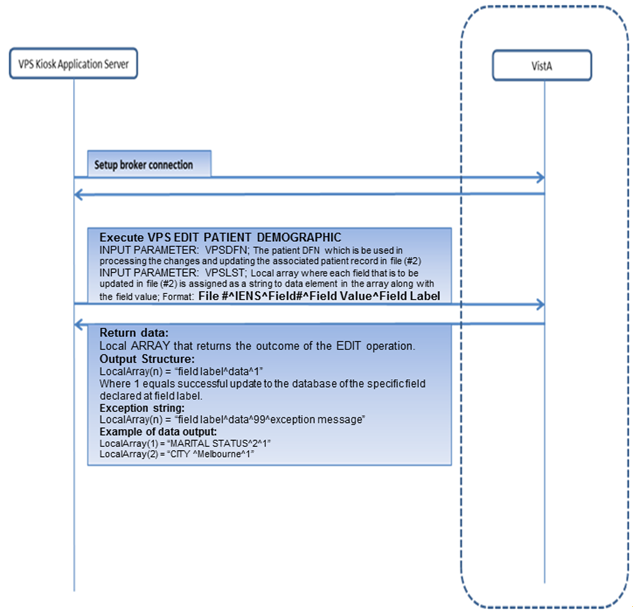


Figure 7 – Sequence Diagram VPS EDIT PATIENT DEMOGRAPHIC RPC

### VPS PATIENT PRE-REGISTRATION RPC

Figure 8 is the sequence diagram for the VPS PATIENT PRE-REGISTRATION RPC.

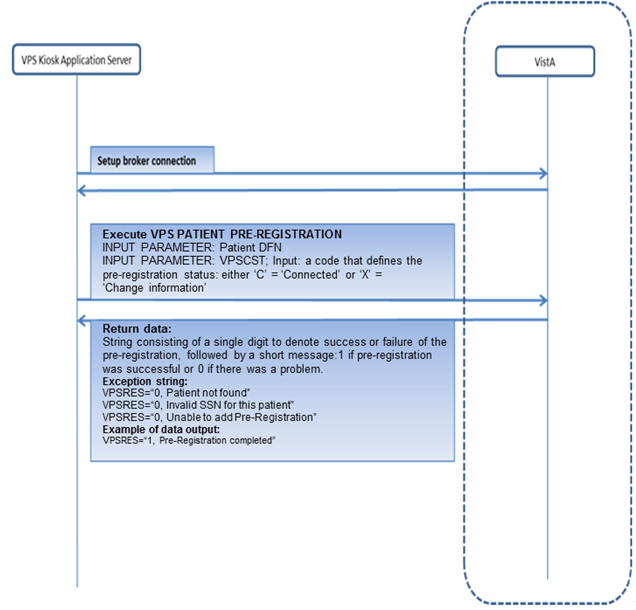


Figure 8 – Sequence Diagram VPS PRE-REGISTRATION RPC

### VPS FULLSSN RPC

Figure 9 is the sequence diagram for the VPS FULLSSN RPC.

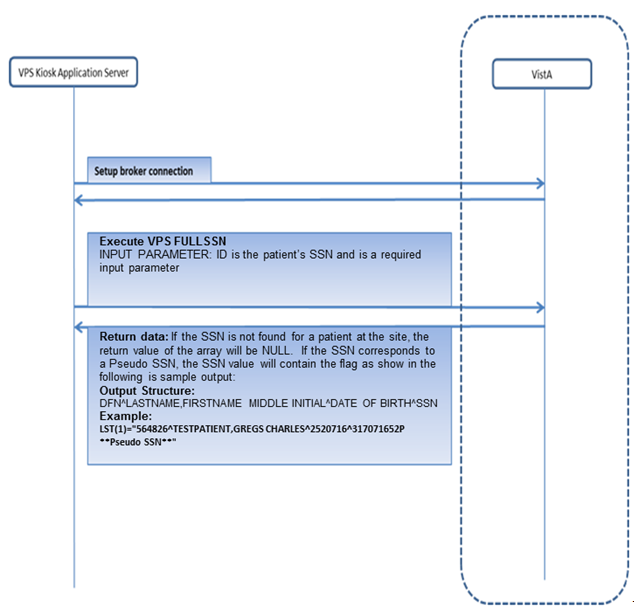


Figure 9 – Sequence Diagram VPS FULLSSN RPC

### VPS LAST5 RPC

Figure 10 is the sequence diagram for the VPS LAST5 RPC.

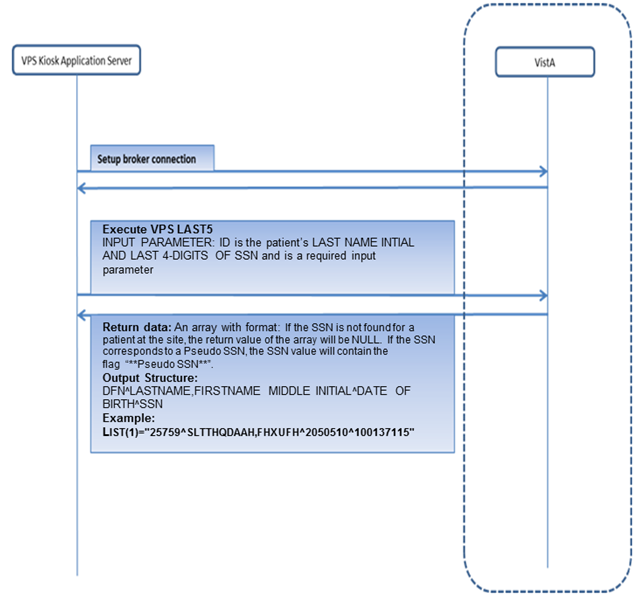


Figure 10 – Sequence Diagram VPS LAST5 RPC

### VPS LISTALL RPC

Figure 11 is the sequence diagram for the VPS LISTALL RPC.

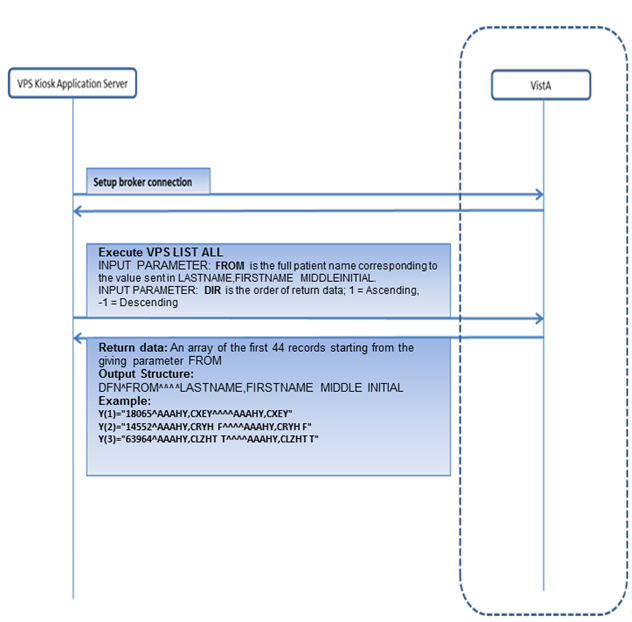


Figure 11 – Sequence Diagram VPS LIST ALL RPC

### VPS GET SITES RPC

Figure 12 is the sequence diagrams for the VPS GET SITES RPC.

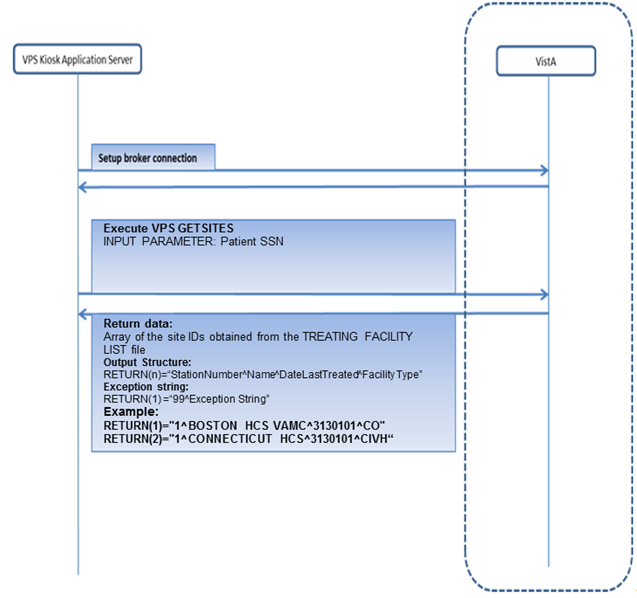


Figure 12 – Sequence Diagram VPS GET SITES RPC

### VPS GET DFN RPC

Figure 14 is the sequence diagram for the VPS GET DFN RPC.

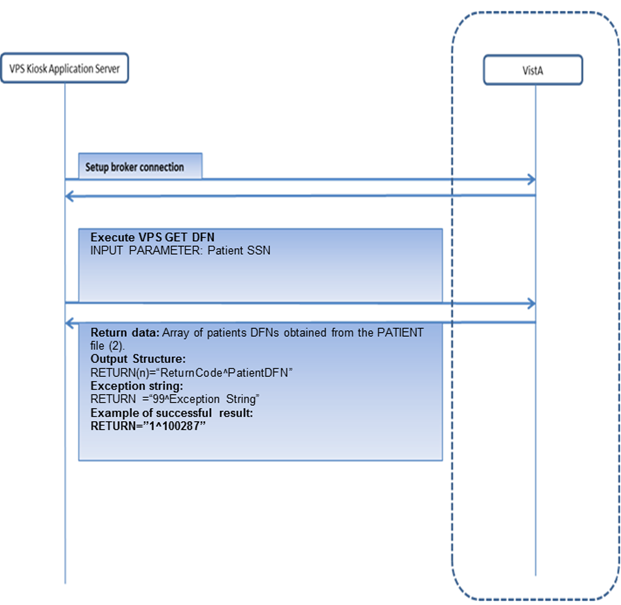


Figure 13 – Sequence Diagram VPS GET DFN RPC

### VPS GET ALLERGIES RPC

Figure 14 is the sequence diagram for the VPS GET ALLERGIES RPC.

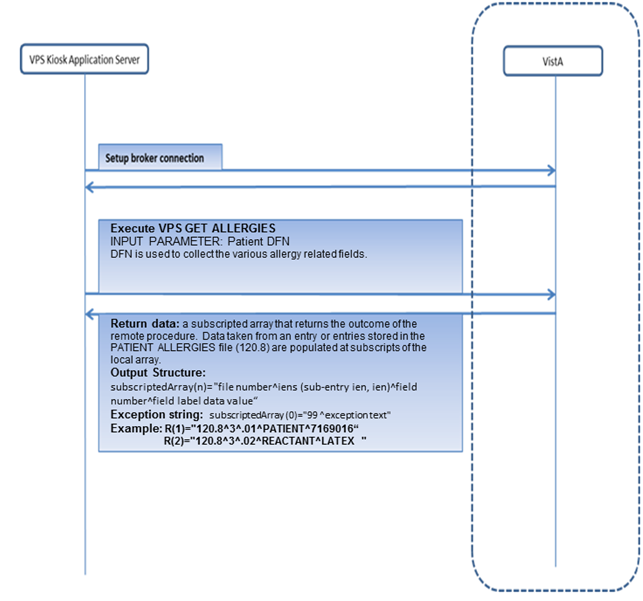


Figure 14 – Sequence Diagram VPS GET ALLERGIES RPC

### VPS WRITE MRAR PDO RPC

Figure 15 is the sequence diagram for the VPS WRITE MRAR PDO RPC.

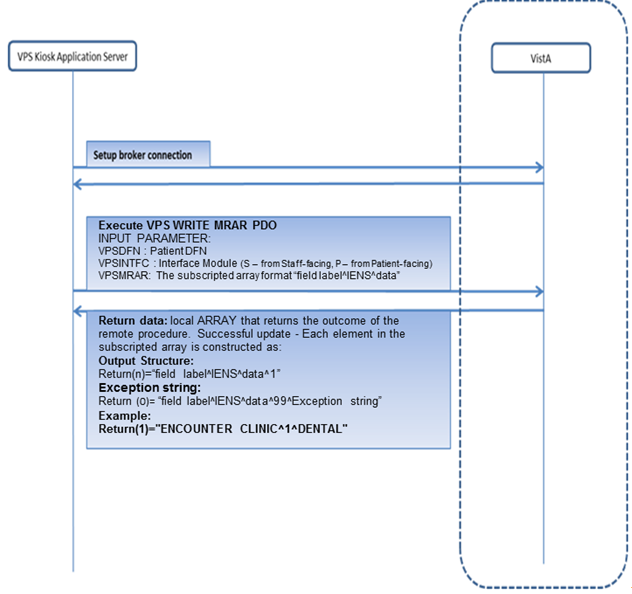


Figure 15 – Sequence Diagram VPS WRITEMRAR PDO RPC

### VPS GET MRAR PDO RPC

Figure 16 is the sequence diagram for the VPS GET MRAR PDO RPC.

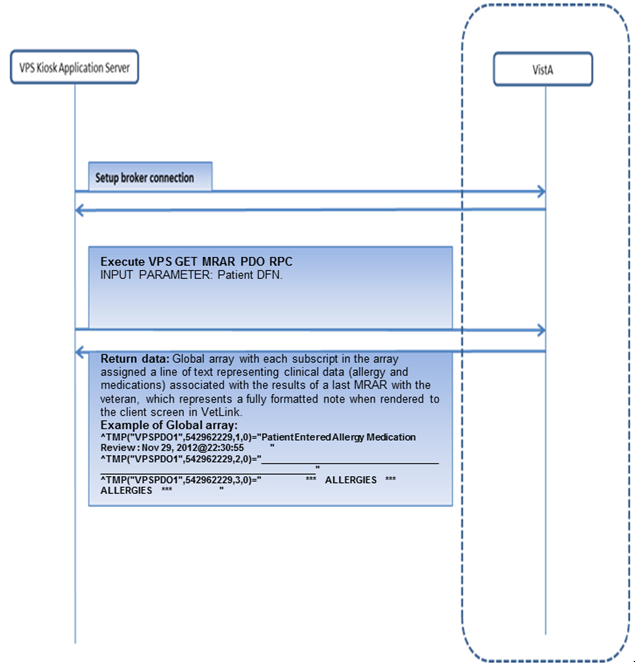


Figure 16 – Sequence Diagram VPS GET MRAR PDO RPC

### VPS WRITE KIOSK PARAMETERS RPC

Figure 17 is the sequence diagram for the VPS WRITE KIOSK PARAMETERS RPC.

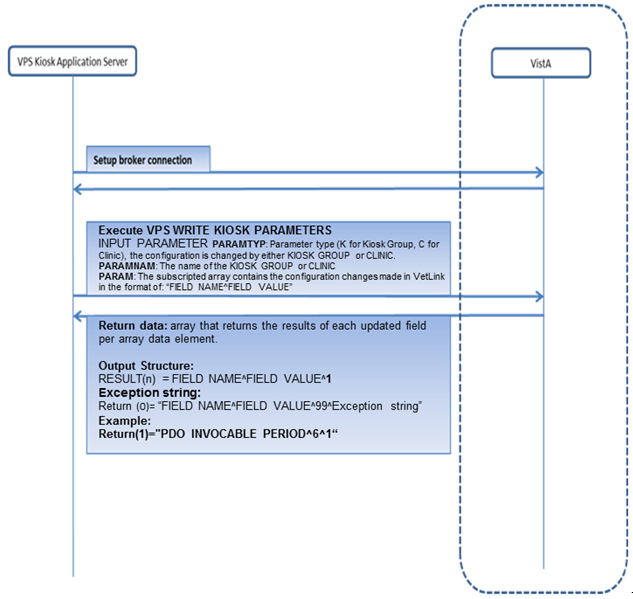


Figure 17 – Sequence Diagram VPS WRITE KIOSK PARAMETERS

### VPS UPDATE LAST MRAR TIU IEN

Figure 17 is the sequence diagram for the VPS UPDATE LAST MRAR TIU IEN, an external package called Text Integration Utility (TIU) that supports the TIU functionality within the VPS Kiosk project.

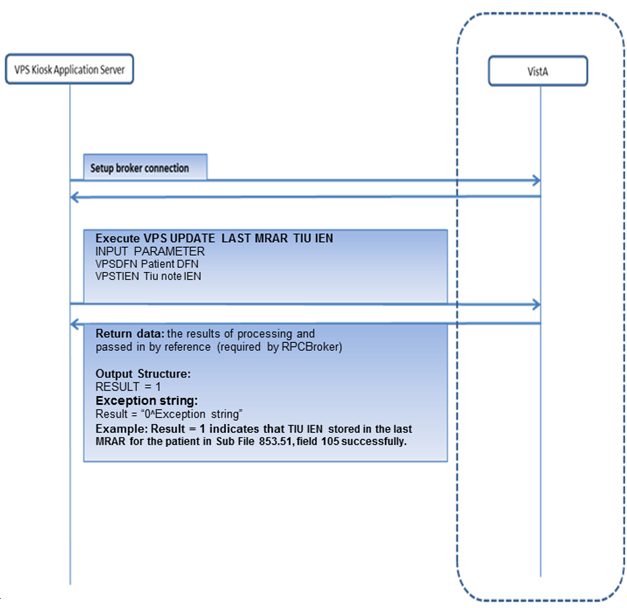


Figure 18– Sequence Diagram VPS UPDATE LAST MRAR TIU IEN

### TIU LONG LIST OF TITLES RPC

Figure 17 is the sequence diagram for the TIU LONG LIST OF TITLES RPC. TIU is an external package that supports the TIU functionality within the VPS Kiosk project.

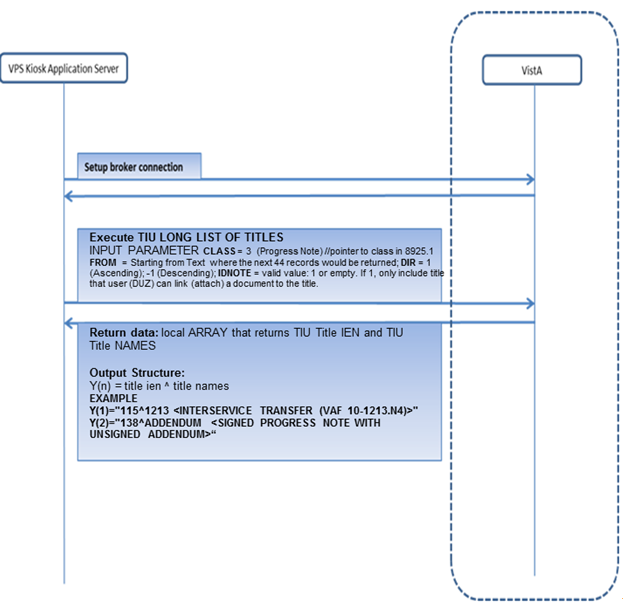


Figure 19 – Sequence Diagram TIU LONG LIST OF TITLES RPC

### TIU REQUIRES COSIGNATURE

Figure 17 is the sequence diagram for the TIU REQUIRES COSIGNATURE RPC, an external package called TIU that supports the TIU functionality within the VPS Kiosk project.

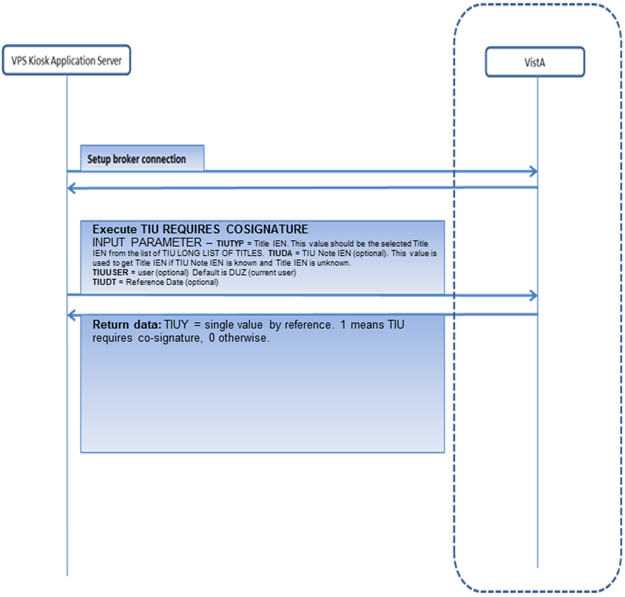


Figure 20 – Sequence Diagram TIU REQUIRES COSIGNATURE RPC

### TIU CREATE RECORD

Figure 17 is the sequence diagram for the TIU CREATE RECORD RPC, an external package called TIU that supports the TIU functionality within the VPS Kiosk project.

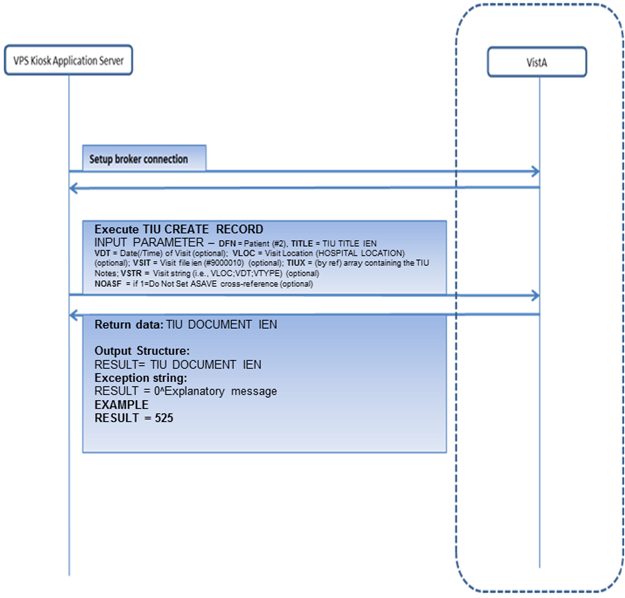


Figure 21 – Sequence Diagram TIU CREATE RECORD RPC

### TIU SET DOCUMENT TEXT

Figure 17 is the sequence diagram for the TIU SET DOCUMENT TEXT RPC, an external package called TIU that supports the TIU functionality within the VPS Kiosk project.

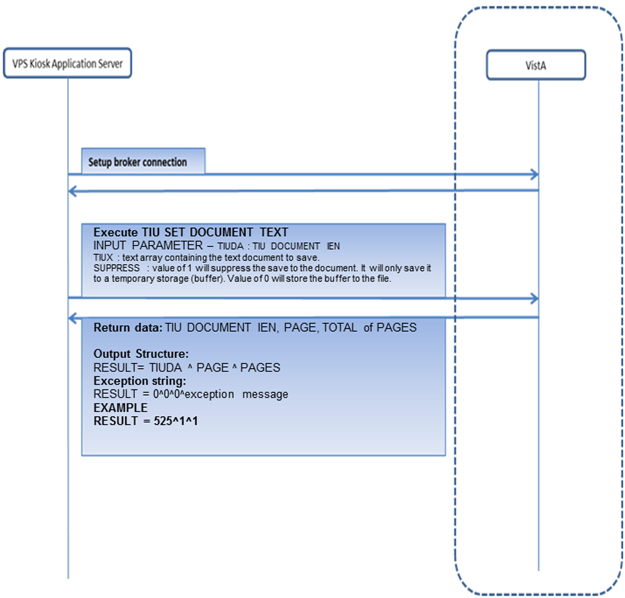


Figure 22 – Sequence Diagram TIU SET DOCUMENT TEXT RPC

### TIU SIGN RECORD

Figure 17 is the sequence diagram for the TIU SIGN RECORD RPC, an external package called TIU that supports the TIU functionality within the VPS Kiosk project.

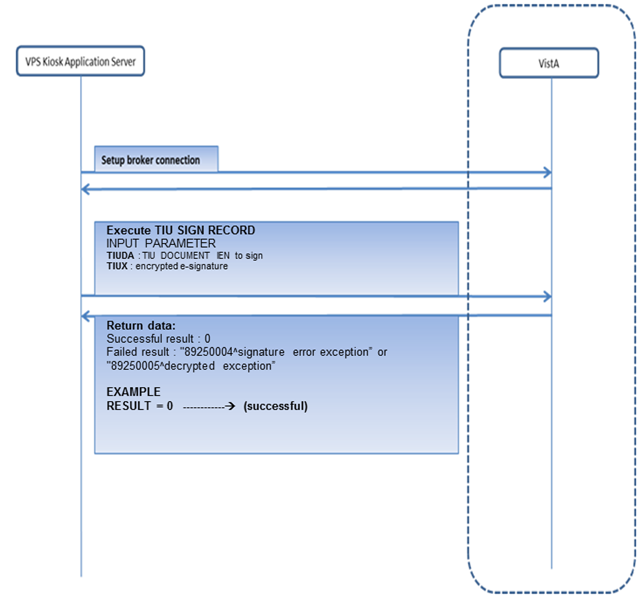


Figure 23 – Sequence Diagram TIU SIGN RECORD RPC

# Interface Requirements

The VPS Kiosk Patient Read/Write RPCs are transactions that provide and write data elements back to the VPS Kiosk Application Server. The VPS Kiosk RSD, Addendum A, specifies the data elements (fields) that the VPS Kiosk Application Server will provide from a VistA Host.

For example: Requirement 4.5.1.1.1. The interface shall provide view only access to the VistA Patient File DFN FIELD.

NOTE: Along with the VPS Kiosk RPCs, external VistA packages such as TIU are being used in the VPS Kiosk Project.

## VPS Kiosk Interface Requirements

For the VPS Kiosk data protocols and communication methods, see section 1.12.

### Interface Processing Time Requirements

There are no processing time requirements for these interfaces at this time.

### Message/File Requirements

From the VPS Kiosk Application Server to the VistA Host the data will be sent over the socket connection to the VistA server using standard socket protocol. Data being received by the VPS Kiosk Application Server will be over a socket.

### Communications Methods

The client application executes one of the VPS Kiosk VistA RPC functions; this call returns an array of data.

### Security Requirements

For security requirements, see section 1.14.

### Physical Requirements

Not Applicable

### Structural Requirements

Not Applicable

### Mechanical Requirements

Not Applicable

### Electrical Requirements

Not Applicable

### Thermal Requirements

Not Applicable

### Special Fluid Requirements

Not Applicable

### Signal Requirements

Not Applicable.

# Interface Verification

The following qualification methods will be used to verify that the VPS Kiosk requirements have been met:

* Demonstration: The operation of interfacing entities that rely on observable functional operation
* Test: The operation of interfacing entities using specialist test equipment to collect data for analysis
* Analysis: The processing of data obtained from methods, such as reduction, interpretation, or extrapolation of test results
* Inspection: The visual examination of interfacing entities, documentation, etc.

# Interface Control

The VPS Kiosk RSD defines the necessary patient data this interface shall provide. The required patient data is supplied by a VistA RPC residing within the VistA host on the VHA network. The VPS Kiosk returns that data as a response to the calling VPS Kiosk Application Server.

## VPS Kiosk Read/Write Interface

Within the VPS Kiosk RSD, requirements 4.5.1.1.1 through 4.5.7.5.1 and 4.5.7.6.1 through 4.5.7.6.5 (required data fields) represent patient data fields that reside within various VistA data files. The VPS Kiosk Patient Read/Write Interface is composed of 15 VistA RPCs for VPS package and five VistA RPCs for TIU package:

### Direct RPC Calls to VPS Package

1. VPS GET PATIENT DEMOGRAPHIC
2. VPS GET CLINIC
3. VPS FULLSSN
4. VPS LISTALL
5. VPS LAST5
6. VPS GET SITES
7. VPS GET DFN
8. VPS PATIENT PRE-REGISTRATION
9. VPS PATIENT CHECK-IN
10. VPS EDIT PATIENT DEMOGRAPHIC
11. VPS GET ALLERGIES
12. VPS WRITE KIOSK PARAMETERS
13. VPS WRITE MRAR PDO
14. VPS GET MRAR PDO
15. VPS UPDATE LAST MRAR TIU IEN

### Direct RPC Calls to TIU Package (In Support of VPS Kiosk)

1. TIU REQUIRES COSIGNATURE
2. TIU CREATE RECORD
3. TIU SET DOCUMENT TEXT
4. TIU SIGN RECORD
5. TIU LONG LIST OF TITLES

The VPS Kiosk Patient Read/Write Interface is invoked to access all the necessary VistA files to return the required data based upon different input. See Section 5, Appendix A – Data Elements, for the named Data Elements that are returned.

# Appendix A – Data Elements

## RPC Input and Output Fields

The following sections illustrate sample data between the subsystems described in this document.

### VPS GET PATIENT DEMOGRAPHIC RPC

Table 3 – VPS GET PATIENT DEMOGRAPHIC RPC Input Parameters

|  |  |
| --- | --- |
| Field Name | Example Description |
| SSN | “666123456” |

Table 4 – VPS GET PATIENT DEMOGRAPHIC RPC Output Parameters

| Field Name & Location | VPS Required Data Field | Data Type | Req # | Example Description File #^IENS^Field#^Field Value^Field Label |
| --- | --- | --- | --- | --- |
| (#.001) DFN | DFN | Numeric | 4.5.1.1.1 | 2^37949^.001^37949^DFN |
| (#991.01) INTEGRATION CONTROL NUMBER (ICN) (1N), [MPI;1] | ICN | Numeric | 4.5.1.1.2 | 2^37949^991.01^1001994488^INTEGRATION CONTROL NUMBER |
| (#.01) NAME (1F) [0;1] | Name: First, Last | Free Text | 4.5.1.1.3 | 2^37949^.01^VPS,BRIAN N^NAME |
| (#.02) SEX (2S) [0;2] | Sex | Set | 4.5.1.1.4 | 2^37949^.02^M^SEX |
| (#.03) DATE OF BIRTH (3D) [0;3] | DOB | Date | 4.5.1.1.5 | 2^37949^.03^Dec 02, 1962^DATE OF BIRTH |
| (#.09) SOCIAL SECURITY NUMBER (9F) [0;9] | SSN | Free Text | 4.5.1.1.8 | 2^37949^.09^666123456^SOCIAL SECURITY NUMBER |
| (#.14) CURRENT MEANS TEST STATUS (14P:408.32) [0;14] | Means test | Pointer | 4.5.1.1.9 | 2^7209334^.14^MT COPAY EXEMPT^CURRENT MEANS TEST STATUS |
| (#.335) E-STREET ADDRESS [LINE 3] (5F) [.33;5] | ER address | Free Text | 4.5.1.1.63 | 2^37949^.335^ECONT1LINE3^E-STREET ADDRESS [LINE 3] |
| (#.336) E-CITY (6F) [.33;6] | ER address | Free Text | 4.5.1.1.64 | 2^37949^.336^ECONT1CITY^E-CITY |
| (#.337) E-STATE (7P:5) [.33;7] | ER address | Pointer | 4.5.1.1.65 | 2^37949^.337^MASSACHUSETTS^E-STATE |
| (#.3611) ELIGIBILITY STATUS (1S) [.361;1] | Primary eligibility status | Set | 4.5.1.1.88 | 2^37949^.3611^VERIFIED^ELIGIBILITY STATUS |
| (#.152) INELIGIBLE DATE (2D) [.15;2] | Ineligible date | Date | 4.5.1.1.89 | 2^7209313^.152^JUL 24,2011^INELIGIBLE DATE |
| (#.05) MARITAL STATUS (5P:11) [0;5] | Marital status | Pointer | 4.5.1.1.90 | 2^37949^.05^MARRIED^MARITAL STATUS |
| (#.08) RELIGIOUS PREFERENCE (8P:13) [0;8] | Religion | Pointer | 4.5.1.1.91 | 2^37949^.08^PROTESTANT^RELIGIOUS PREFERENCE |
| (#.111) STREET ADDRESS [LINE 1] (1F) [.11;1] | Perm Address | Free Text | 4.5.1.1.92 | 2^37949^.111^111 PERMADDLINE1^STREET ADDRESS [LINE 1] |
| (#.112) STREET ADDRESS [LINE 2] (2F) [.11;2] | Perm Address | Free Text | 4.5.1.1.93 | 2^37949^.112^111 PERMADDLINE2^STREET ADDRESS [LINE 2] |
| (#.113) STREET ADDRESS [LINE 3] (3F) [.11;3] | Perm Address | Free Text | 4.5.1.1.94 | 2^37949^.113^111 PERMADDLINE3^STREET ADDRESS [LINE 3] |
| (#.114) CITY (4F) [.11;4] | Perm Address | Free Text | 4.5.1.1.95 | 2^37949^.114^FORT COLLINS^CITY |
| (#.115) STATE (5P:5) [.11;5] | Perm Address | Pointer | 4.5.1.1.96 | 2^37949^.115^COLORADO^STATE |
| (#.117) COUNTY (7N) [.11;7] | Perm Address | Numeric | 4.5.1.1.97 | 2^37949^.117^LARIMER^COUNTY |
| (#.1171) PROVINCE (8F) [.11;8] | Perm Address | Free Text | 4.5.1.1.98 | 2^7209310^.1171^PERM ADD PROVINCE^PROVINCE |
| (#.1172) POSTAL CODE (9F) [.11;9] | Perm Address | Free Text | 4.5.1.1.99 | 2^7209310^.1172^11111^POSTAL CODE |
| (#.1173) COUNTRY (10P:779.004) [.11;10] | Perm Address | Pointer | 4.5.1.1.100 | 2^37949^.1173^UNITED STATES^COUNTRY |
| (#.1112) ZIP+4 (12F) [.11;12] | Perm Address | Free Text | 4.5.1.1.101 | 2^37949^.1112^80525^ZIP+4 |
| (#.121) BAD ADDRESS INDICATOR (16S) [.11;16] | Bad Add Indicator | Set | 4.5.1.1.102 | 2^37949^.121^UNDELIVERABLE^BAD ADDRESS INDICATOR |
| (#.131) PHONE NUMBER [RESIDENCE] (1F) [.13;1] | Permanent home phone | Free Text | 4.5.1.1.103 | 2^37949^.131^555 RESIDENCE^PHONE NUMBER [RESIDENCE] |
| (#.132) PHONE NUMBER [WORK] (2F) [..13;2] | Work phone | Free Text | 4.5.1.1.104 | 2^37949^.132^555 WORK^PHONE NUMBER [WORK] |
| (#.134) PHONE NUMBER [CELLULAR] (4F) [.13;4] | Cell phone | Free Text | 4.5.1.1.105 | 2^37949^.134^555 555 5555^PHONE NUMBER [CELLULAR] |
| (#.133) EMAIL ADDRESS (3F) [.13;3] | Email address | Free Text | 4.5.1.1.106 | 2^37949^.133^TEST@TEST.GOV^EMAIL ADDRESS |
| (#.1211) TEMPORARY STREET [LINE 1] (1F) [..121;1] | Temp Address | Free Text | 4.5.1.1.107 | 2^37949^.1211^TEMPLINE1^TEMPORARY STREET [LINE 1] |
| (#.1212) TEMPORARY STREET [LINE 2] (2F) [.121;2] | Temp Address | Free Text | 4.5.1.1.108 | 2^37949^.1212^TEMPLINE2^TEMPORARY STREET [LINE 2] |
| (#.1213) TEMPORARY STREET [LINE 3] (3F) [.121;3] | Temp Address | Free Text | 4.5.1.1.109 | 2^37949^.1213^TEMPLINE3^TEMPORARY STREET [LINE 3] |
| (#.1214) TEMPORARY CITY (4F) [.121;4] | Temp Address | Free Text | 4.5.1.1.110 | 2^37949^.1214^BERWIN^TEMPORARY CITY |
| (#.1215) TEMPORARY STATE [5P:5] [.121;5] | Temp Address | Pointer | 4.5.1.1.111 | 2^37949^.1215^ILLINOIS^TEMPORARY STATE |
| (#.1217) TEMPORARY ADDRESS START DATE (7D) [.121;7] | Temp Address | Date | 4.5.1.1.112 | 2^37949^.1217^SEP 20,2011^TEMPORARY ADDRESS START DATE |
| (#.1218) TEMPORARY ADDRESS END DATE (8D) [.121;8] | Temp Address | Date | 4.5.1.1.113 | 2^37949^.1218^OCT 20,2012^TEMPORARY ADDRESS END DATE |
| (#.12111) TEMPORARY ADDRESS COUNTY (11N) [.121;11] | Temp Address | Numeric | 4.5.1.1.114 | 2^37949^.12111^ADAMS^TEMPORARY ADDRESS COUNTY |
| (#.1221) TEMPORARY ADDRESS PROVINCE (1F) [.122;1] | Temp Address | Free Text | 4.5.1.1.115 | 2^7209310^.1221^TEMP ADD PROVINCE^TEMPORARY ADDRESS PROVINCE |
| (#.1222) TEMPORARY ADDRESS POSTAL CODE (1F) [.122;2] | Temp Address | Free Text | 4.5.1.1.116 | 2^7209310^.1222^99999^TEMPORARY ADDRESS POSTAL CODE |
| (#.1223) TEMPORARY ADDRESS COUNTRY (3P:779.004) [.122;3] | Temp Address | Pointer | 4.5.1.1.117 | 2^37949^.1223^UNITED STATES^TEMPORARY ADDRESS COUNTRY |
| (#.12112) TEMPORARY ZIP+4 (12F) [.121;12] | Temp Address | Free Text | 4.5.1.1.118 | 2^37949^.12112^60502-1234^TEMPORARY ZIP+4 |
| (#.1219) TEMPORARY PHONE NUMBER (10F) [.121;10] | Temporary home phone | Free Text | 4.5.1.1.119 | 2^37949^.1219^TEMPPHONE^TEMPORARY PHONE NUMBER |
| (#.211) K-NAME OF PRIMARY NOK (1F) [.21;1] | NOK name: first, last | Free Text | 4.5.1.1.120 | 2^37949^.211^NOKONE,NAME^K-NAME OF PRIMARY NOK |
| (#.212) K-RELATIONSHIP TO PATIENT (2F) [.21;2] | NOK relationship to patient | Free Text | 4.5.1.1.121 | 2^37949^.212^FATHER^K-RELATIONSHIP TO PATIENT |
| (#.213) K-STREET ADDRESS [LINE 1] (3F) [.21;3] | NOK address | Free Text | 4.5.1.1.122 | 2^37949^.213^NOKLINE1^K-STREET ADDRESS [LINE 1] |
| (#.214) K-STREET ADDRESS [LINE 2] (4F) [.21;4] | NOK address | Free Text | 4.5.1.1.123 | 2^37949^.214^NOKLINE2^K-STREET ADDRESS [LINE 2] |
| (#.215) K-STREET ADDRESS [LINE 3] (5F) [.21;5] | NOK address | Free Text | 4.5.1.1.124 | 2^37949^.215^NOKLINE3^K-STREET ADDRESS [LINE 3] |
| (#.216) K-CITY (6F) [.21;6] | NOK address | Free Text | 4.5.1.1.125 | 2^37949^.216^NOKCITY^K-CITY |
| (#.217) K-STATE (7P:5) [.21;7] | NOK address | Pointer | 4.5.1.1.126 | 2^37949^.217^WASHINGTON^K-STATE |
| (#.218) K-ZIP+4 (8F) [.21;8] | NOK address | Free Text | 4.5.1.1.127 | 2^37949^.218^97223^K-ZIP+4 |
| (#.219) K-PHONE NUMBER (9F) [.21;9] | NOK home phone | Free Text | 4.5.1.1.128 | 2^37949^.219^NOKPHONE^K-PHONE NUMBER |
| (#.21011) K-WORK PHONE NUMBER (11F) [.21;11] | NOK work phone | Free Text | 4.5.1.1.129 | 2^37949^.21011^NOKWORKPHONE^K-WORK PHONE NUMBER |
| (#.2191) K2-NAME OF SECONDARY NOK (1F) [.211;1] | NOK2 name: first, last | Free Text | 4.5.1.1.130 | 2^37949^.2191^NOKTWO,NAME^K2-NAME OF SECONDARY NOK |
| (#.2192) K2-RELATIONSHIP TO PATIENT (2F) [.211;2] | NOK2 relationship to patient | Free Text | 4.5.1.1.131 | 2^37949^.2192^MOTHER^K2-RELATIONSHIP TO PATIENT |
| (#.2193) K2-STREET ADDRESS [LINE 1] (3F) [.211;3] | NOK2 address | Free Text | 4.5.1.1.132 | 2^37949^.2193^NOK2LINE1^K2-STREET ADDRESS [LINE 1] |
| (#.2194) K2-STREET ADDRESS [LINE 2] (4F) [.211;4] | NOK2 address | Free Text | 4.5.1.1.133 | 2^37949^.2194^NOK2LINE2^K2-STREET ADDRESS [LINE 2] |
| (#.2195) K2-STREET ADDRESS [LINE 3] (5F) [.211;5] | NOK2 address | Free Text | 4.5.1.1.134 | 2^37949^.2195^NOK2LINE3^K2-STREET ADDRESS [LINE 3] |
| (#.2196) K2-CITY (6F) [.211;6] | NOK2 address | Free Text | 4.5.1.1.135 | 2^37949^.2196^NOK2CITY^K2-CITY |
| (#.2197) K2-STATE (7P:5) [.211;7] | NOK2 address | Free Text | 4.5.1.1.136 | 2^37949^.2197^OREGON^K2-STATE |
| (#.2198) K2-ZIP+4 (8F) [.211;8] | NOK2 address | Free Text | 4.5.1.1.137 | 2^37949^.2198^98383^K2-ZIP+4 |
| (#.2199) K2-PHONE NUMBER (9F) [.211;9] | NOK2 home phone | Free Text | 4.5.1.1.138 | 2^37949^.2199^NOK2PHONE^K2-PHONE NUMBER |
| (#.211011) K2-WORK PHONE NUMBER (11F) [.211;11] | NOK2 work phone | Free Text | 4.5.1.1.139 | 2^37949^.211011^NOK2WORK^K2-WORK PHONE NUMBER |
| (#.331) E-NAME (1F) [.33;1] | Emergency contact name: first, last | Free Text | 4.5.1.1.140 | 2^37949^.331^ECONTACTONE,NAME^E-NAME |
| (#.332) E-RELATIONSHIP TO PATIENT (2F) [.33;2] | Emergency contact relationship to patient | Free Text | 4.5.1.1.141 | 2^37949^.332^SISTER^E-RELATIONSHIP TO PATIENT |
| (#.333) E-STREET ADDRESS [LINE 1] (3F) [.33;3] | ER contact address | Free Text | 4.5.1.1.142 | 2^37949^.333^ECONT1LINE1^E-STREET ADDRESS [LINE 1] |
| (#.334) E-STREET ADDRESS [LINE 2] (4F) [.33;4] | ER address | Free Text | 4.5.1.1.143 | 2^37949^.334^ECONT1LINE2^E-STREET ADDRESS [LINE 2] |
| (#.338) E-ZIP+4 (8F) [.33;8] | Emergency contact address | Free Text | 4.5.1.1.144 | 2^37949^.338^30303^E-ZIP+4 |
| (#.339) E-PHONE NUMBER (9F) [.33;9] | Emergency contact home phone | Free Text | 4.5.1.1.145 | 2^37949^.339^ECONT1PHONE^E-PHONE NUMBER |
| (#.33011) E-WORK PHONE NUMBER (11F) [.33;11] | Emergency contact work phone | Free Text | 4.5.1.1.146 | 2^37949^.33011^ECONT1WORK^E-WORK PHONE NUMBER |
| (#.3311) E2-NAME OF SECONDARY CONTACT (1F) [.331;1] | Emergency contact 2 name: first, last | Free Text | 4.5.1.1.147 | 2^37949^.3311^ECONTACTTWO,NAME^E2-NAME OF SECONDARY CONTACT |
| (#.3312) E2-RELATIONSHIP TO PATIENT (2F) [.331;2] | Emergency contact 2 relationship to patient | Free Text | 4.5.1.1.148 | 2^37949^.3312^BROTHER^E2-RELATIONSHIP TO PATIENT |
| (#.3313) E2-STREET ADDRESS [LINE 1] (3F) [.331;3] | ER2 address | Free Text | 4.5.1.1.149 | 2^37949^.3313^ECONT2LINE1^E2-STREET ADDRESS [LINE 1] |
| (#.3314) E2-STREET ADDRESS [LINE 2] (4F) [.331;4] | ER2 address | Free Text | 4.5.1.1.150 | 2^37949^.3314^ECONT2LINE2^E2-STREET ADDRESS [LINE 2] |
| (#.3315) E2-STREET ADDRESS [LINE 3] (5F) [.331;5] | ER2 address | Free Text | 4.5.1.1.151 | 2^37949^.3315^ECONT2LINE3^E2-STREET ADDRESS [LINE 3] |
| (#.3316) E2-CITY (6F) [.331;6] | ER2 address | Free Text | 4.5.1.1.152 | 2^37949^.3316^ECONT2CITY^E2-CITY |
| (#.3317) E2-STATE (7P:5) [.331;7] | ER2 address | Pointer | 4.5.1.1.153 | 2^37949^.3317^FLORIDA^E2-STATE |
| (#.3318) E2-ZIP+4 (8F) [.331;8] | Emergency contact 2 address | Free Text | 4.5.1.1.154 | 2^37949^.3318^33333^E2-ZIP+4 |
| (#.3319) E2-PHONE NUMBER (9F) [.331;9] | Emergency contact 2 home phone | Free Text | 4.5.1.1.155 | 2^37949^.3319^ECONT2PHONE^E2-PHONE NUMBER |
| (#.331011) E2-WORK PHONE NUMBER (11F) [.331;11] | Emergency contact 2 work phone | Free Text | 4.5.1.1.156 | 2^37949^.331011^ECONT2WORK^E2-WORK PHONE NUMBER |
| (#.381) ELIGIBLE FOR MEDICAID? (1S) [.38;1] | Medicaid status | Set | 4.5.1.1.157 | 2^37949^.381^NO^ELIGIBLE FOR MEDICAID? |
| (#.3111) EMPLOYER NAME (1F) [.311;1] | Employer name | Free Text | 4.5.1.1.158 | 2^37949^.3111^EMPLOYER NAME^EMPLOYER NAME |
| (#.3119) EMPLOYER PHONE NUMBER (9F) [.311;9] | Employer phone | Free Text | 4.5.1.1.159 | 2^37949^.3119^EMPLOYER PHONE^EMPLOYER PHONE NUMBER |
| (#.31115) EMPLOYMENT STATUS (15S) [.311;15] | Employment status | Set | 4.5.1.1.160 | 2^37949^.31115^SELF EMPLOYED^EMPLOYMENT STATUS |
| (#.31116) DATE OF RETIREMENT (16D) [.311;16] | Retired date | Date | 4.5.1.1.161 | 2^7209310^.31116^AUG 01, 2011^DATE OF RETIREMENT |
| (#.251) SPOUSE'S EMPLOYER NAME (1F) [.25;1] | Spouse's employer name | Free Text | 4.5.1.1.162 | 2^37949^.251^SPOUSE EMPLOYER NAME^SPOUSE'S EMPLOYER NAME |
| (#.258) SPOUSE'S EMP PHONE NUMBER (8F) [.25;8] | Spouse's employer phone | Free Text | 4.5.1.1.163 | 2^37949^.258^SPOUSE EMP PHONE^SPOUSE'S EMP PHONE NUMBER |
| (#.2515) SPOUSE'S EMPLOYMENT STATUS (15S) [.25;15] | Spouse's employment status | Set | 4.5.1.1.164 | 2^37949^.2515^EMPLOYED PART TIME^SPOUSE'S EMPLOYMENT STATUS |
| (#.3121) Insurance Type (Multiple - 2.312) [.312;0] |  |  |  |  |
| (,01) INSURANCE TYPE (M\*P36') [0;1] ==> File-36 Field-.01 Insurance Company Name | Carrier | Free Text | 4.5.1.2.1 | 36^37949;1^.01^UNITEDHEALTHCARE^NAME  36^37949;2^.01^AETNA^NAME |
| (#1) SUBSCRIBER ID [2F] [0;2] | Policy number | Free Text | 4.5.1.2.2 | 2.312^37949;1^1^101653420^SUBSCRIBER ID  2.312^37949;2^1^123456^SUBSCRIBER ID |
| (#3) INSURANCE EXPIRATION DATE [4D] [0;4] | Insurance Expiration Date | Date/Time | 4.5.1.2.3 | 2.312^37949;2^3^Oct 23, 2011^INSURANCE EXPIRATION DATE |
| (#8) EFFECTIVE DATE OF POLICY [8D] [0;8] | Effective Date of Policy | Date/Time | 4.5.1.2.4 | 2.312^37949;1^8^Sep 01, 2003^EFFECTIVE DATE OF POLICY  2.312^37949;2^8^Oct 29, 2010^EFFECTIVE DATE OF POLICY |
| (#17) NAME OF INSURED [17F] [0;17] | Member name: first, last | Free Text | 4.5.1.2.5 | 2.312^37949;1^17^LASKOWITZ,ADOLPH^NAME OF INSURED  2.312^37949;2^17^VPS,BRIAN N^NAME OF INSURED |
| (#2) Race Information (Multiple - 2.02) [.02;0] |  |  |  |  |
| (#6) Ethnicity Information (Multiple - 2.06) [.06;0] |  |  |  |  |
| (#1900) Appointment (Multiple - 2.98) [S;0] |  |  |  |  |
| (#.001) APPOINTMENT DATE/TIME [D1] | Appointment date/time | Date/Time | 4.5.1.2.10 | 2.98^37949;1921;3111024.14^.001^Oct 24, 2011@14:00^APPOINTMENT DATE/TIME |
| (#.01) CLINIC(MP44'X), [0;1] | Appointment Clinic name | Pointer | 4.5.1.2.11 | 44^37949;1921;3111024.14^.01^VPS FAKE CLINIC^NAME |
| (#3) APOINTMENT STATUS [0;2] | APPOINTMENT STATUS | Set | 4.5.1.2.12 | 2.98^37949;1^3^N^APPOINTMENT STATUS |
| (#1) DATE CHANGED [2D] | Preregistration datestamp | Date/Time | 4.5.1.2.13 | 41.41^37949^1^OCT 26, 2011@15:25:14^DATE CHANGED |
| (#71 +  #72 + #73 + #74 + #75) BALANCE | Amount owed | Numeric | 4.5.1.2.14 | 430^37949^COMPUTED^319.97^BALANCE |
| (#3) APPOINTMENT CURRENT STATUS (S), [0;2] | Appointment Status | Set | 4.5.1.2.15 | 2.98^37949;1921;3111024.14^3^SCHEDULED/KEPT^STATUS |
| (#20) Date Appointment Made | Date the appt was made | Date/Time | 4.5.1.2.16 | 2.98^37949;1921;3111024.14^20^Oct 20, 2011^DATE APPT. MADE |
| (#5) Lab Date/Time | Lab time associated with clinic appt | Date/Time | 4.5.1.2.17 | 2.98^37949;1921;3111024.14^5^Oct 24, 2011@08:30^LAB DATE/TIME |
| (#6) X-Ray Date/Time | X-Ray time associated with clinic appointment | Date/Time | 4.5.1.2.18 | 2.98^37949;1921;3111024.14^6^Oct 24, 2011@09:00^X-RAY DATE/TIME |
| (#7) EKG Date/Time | EKG time associated with clinic appt | Date/Time | 4.5.1.2.19 | 2.98^37949;1921;3111024.14^7^Oct 24, 2011@09:30^EKG DATE/TIME |
| (#2507) Appointment Type Name | Appointment Type Name | Free Text | 4.5.1.2.21 | 44^37949;1921;3111024.14^2507^COMPENSATION & PENSION^DEFAULT APPOINTMENT TYPE |
| (#.02) Flag Name (Variable Ptr) [0;2] | Record Flag | Pointer | 4.5.1.2.23 | 26.13^37949^.02^BEHAVIORAL^FLAG NAME |
| (#.01) Assignment Narrative [0;1] | Flag Comment | Word-Processing | 4.5.1.2.24 | 26.132^37949^.01^THIS IS A TEST FOR THE VPS KIOSK PROJECT. PLEASE DI SREGARD.^ASSIGNMENT NARRATIVE |
| (#.01) RACE INFORMATION (M\*P10'X) [0;1] | RACE | Pointer | 4.5.1.2.27 | 2.02^37949;1^.01^BLACK OR AFRICAN AMERICAN^RACE INFORMATION  2.02^37949;2^.01^WHITE^RACE INFORMATION |
| (#.001) Clinic IEN | Appointment Clinic Number | Numeric | 4.5.1.2.29 | 2.98^37949;1921;3111024.14^.01^1921^CLINIC |
| (#10) Clinic Physical Location [11F) | Clinic Physical Location | Free Text | 4.5.1.2.30 | 44^37949;1921;3111114.14^10^VETLINK PHYSICAL LOCATION^PHYSICAL LOCATION |
| (#2) SECURITY LEVEL | SENSITIVE | Set | 4.5.1.2.31 | 38.1^37949^2^0;NON-SENSITIVE^SENSITIVE |

### VPS GET CLINIC RPC

Table 5 – VPS GET CLINIC RPC Input Parameters

|  |  |
| --- | --- |
| Field Name | Example Description |
| Clinic Name | “VPS” |

Table 6 – VPS GET CLINIC RPC Output Parameters

| Field Name & Location | VPS Required Data Field | Data Type | Req # | Example Description |
| --- | --- | --- | --- | --- |
| (#.001) Clinic IEN | Appointment Clinic Number | Numeric | 4.5.1.3.1 | 44^1921^.001^1921^CLINIC NUMBER |
| (#10) Physical Location [11F) | Clinic Physical Location | Free Text | 4.5.1.3.2 | 44^1921^10^VETLINK PHYSICAL LOCATION^PHYSICAL LOCATION |
| (#.01) CLINIC(MP44'X), [0;1] | Appointment Clinic Name | Free Text | 4.5.1.3.2.1 | 44^1921^.01^VPS FAKE CLINIC^NAME |

### VPS FULLSSN RPC

Table 7 – VPS FULLSSN RPC Input Parameters

|  |  |
| --- | --- |
| Field Name | Example Description |
| SSN | 123456789 |

Table 8 – VPS FULLSSN RPC Output Parameters

|  |  |
| --- | --- |
| Output | Example Description |
| An array with format: DFN^LASTNAME,FIRSTNAME MIDDLE INITIAL^DATE OF BIRTH^SSN  NOTE:  If the SSN is not found for a patient at the site, the return value of the array will be NULL.  If the SSN corresponds to a Pseudo SSN, the SSN value will contain the flag. | LST=""  LST(1)="564826^TESTPATIENT,GREGS CHARLES^2520716^123450000 |
| (#.001) DFN | 564826 |
| (#.01) NAME (1F) [0;1] | TESTPATIENT,GREGS CHARLES |
| (#.03) DATE OF BIRTH (3D) [0;3] | 2520716 |
| (#.09) SOCIAL SECURITY NUMBER (9F) [0;9] | 123450000 |

### VPS LISTALL RPC

Table 9 – VPS LISTALL RPC Input Parameters

|  |  |
| --- | --- |
| Field Name | Example Description |
| **FROM** is the starting from value to indicate to the RPC to return patients in the file start from the starting from value.  Format 1: NAME (Full or Partial (Start With) PATIENT NAME)  Format 2: IEN^NAME (Full or Partial (Start With) PATIENT NAME) | “AAAHY”  Or  “18065^AAAHY” |
| **DIR** (Descending or Ascending Order) | 1 (Ascending Order)  Or  01 (Descending Order) |

Table 10 – VPS LISTALL RPC Output Parameters

| Output | Example Description |
| --- | --- |
| An array with format: DFN^FROM^^^^NAME  DFN = Patient DFN  FROM = Patient Name (LASTNAME,FIRSTNAME MIDDLE INITIAL) stored in the Patient Name Index  NAME = Patient Name (LASTNAME,FIRSTNAME MIDDLE INITIAL) stored in the Patient Data File.  FROM and NAME should be identical unless there is data or index corruption. | Y=""  Y(1)="18065^AAAHY,CXEY^^^^AAAHY,CXEY"  Y(2)="14552^AAAHY,CRYH F^^^^AAAHY,CRYH F"  Y(3)="63964^AAAHY,CLZHT T^^^^AAAHY,CLZHT T"  Y(4)="30204^AAAHY,CLZHT S^^^^AAAHY,CLZHT S"  Y(5)="18680^AAAHY,CLZHT H^^^^AAAHY,CLZHT H"  Y(6)="55158^AAAHY,CLZHT H^^^^AAAHY,CLZHT H"  Y(7)="564686^AAAHY,CLYN Z^^^^AAAHY,CLYN Z"  Y(8)="31598^AAAHY,CLYH Z^^^^AAAHY,CLYH Z"  Y(9)="2097^AAAHY,C W^^^^AAAHY,C W"  Y(10)="52712^AAAHY,BHQDY ZRUULN^^^^AAAHY,BHQDY ZRUULN"  Y(11)="54924^AAAHY,BDZKHUAN B^^^^AAAHY,BDZKHUAN B"  Y(12)="53074^AAAHY,ARJDAAH D^^^^AAAHY,ARJDAAH D"  Y(13)="18357^AAAHJL,ZDJELHA T^^^^AAAHJL,ZDJELHA T"  Y(14)="3786^AAAHFUHTTX,ZLUN^^^^MERGING INTO `18357 USE THAT ENTRY (AAADO,C C)"  Y(15)="24720^AAAFLDHU,ELUXAI W^^^^AAAFLDHU,ELUXAI W"  Y(16)="49803^AAADTXY,LAKHUS^^^^AAADTXY,LAKHUS"  Y(17)="3447^AAADTXY,I A^^^^AAADTXY,I A"  Y(18)="3786^AAADO,C C^^^^MERGING INTO `18357 USE THAT ENTRY (AAADO,C C)" |
| (#.001) DFN | 564826 |
| (#.01) NAME (1F) [0;1] | TESTPATIENT,GREGS C |

### VPS LAST5 RPC

Table 11 – VPS LAST5 RPC Input Parameters

|  |  |
| --- | --- |
| Field Name | Example Description |
| **VPSID** = The last 4 digits of SSN  Format 1 = The last 4 digits of SSN  Format 2 = “P” and The last 4 digits of SSN | “6789”  Or  “P6789” |

Table 12 – VPS LAST5 RPC Output Parameters

|  |  |
| --- | --- |
| Output | Example Description |
| An array with format: DFN^LASTNAME,FIRSTNAME MIDDLE INITIAL^DATE OF BIRTH^SSN  NOTE:  If the SSN is not found for a patient at the site, the return value of the array will be NULL.  If the SSN corresponds to a Pseudo SSN, the SSN value will contain the flag  “\*\*Pseudo SSN\*\*”. | LIST=""  LIST(1)="25759^SLTTHQDAAH,FHXUFH^2050510^100137115"  LIST(2)="37620^SSLYAHN,LAKHUS F^2460929^101057115" |
| (#.001) DFN | 25759 |
| (#.01) NAME (1F) [0;1] | SLTTHQDAAH,FHXUFH |
| (#.03) DATE OF BIRTH (3D) [0;3] | 2050510 |
| (#.09) SOCIAL SECURITY NUMBER (9F) [0;9] | 100137115 |

### VPS GET SITES RPC

Table 13 – VPS GET SITES RPC Input Parameters

|  |  |
| --- | --- |
| Field Name | Example Description |
| SSN | 123456789 |

Table 14 – VPS GET SITES RPC Output Parameters

|  |  |
| --- | --- |
| Output | Example Description |
| Output:  RETURN - array of site IDs obtained from the TREATING FACILITY LIST file (391.91) and INSTITUTION file (4). | RETURN(1)="1^523^BOSTON HCS VAMC^3040317.0957^3^"  RETURN(2)="1^689^CONNECTICUT HCS^3040317.0957^3^"  RETURN(3)="1^8016^HDR (Available Soon)^ 3040317.0957^3^"  RETURN(4)="1^11016^ENROLLMENT SYSTEM REDESIGN^3040317.0957^3^" |
| (4, 99) Station Number | 1 |
| (4, .01) Name | BOSTON HCS VAMC |
| (391.91, .03) Date Last Treated | 3040317.0957 |
| (4, 13) Facility Type | 3 |

### VPS GET DFN RPC

Table 15 – VPS Get DFN RPC Input Parameters

|  |  |
| --- | --- |
| Field Name | Example Description |
| SSN | 123456789 |

Table 16 – VPS GET DFN RPC Output Parameters

|  |  |
| --- | --- |
| **Output** | **Example Description** |
| Patient’s DFNs obtained from the PATIENT file (2).  Success Format: 1 ^ DFN  Failure Format: 99 ^ exception message | RETURN="1^100287"  Or  RETURN=”99^NO PATIENT FOUND WITH SSN: 123456789” |
| (#.001) DFN | 100287 |

### VPS PATIENT PRE-REGISTRATION RPC

Table 17 – VPS PATIENT PRE-REGISTRATION RPC Input Parameters

| Field Name | Example Description |
| --- | --- |
| Patient DFN | 123 |
| Pre-registration Status (Pre-registration call code)  B = BUSY C = CONNECTED D = DEATH K = CALL BACK M = LEFT CALLBACK MESSAGE N = NO ANSWER P = NO PHONE T = DON'T CALL U = UNCOOPERATIVE V = PREVIOUSLY UPDATED W = WRONG NUMBER X = CHANGE INFORMATION | C |

Table 18 – VPS PATIENT PRE-REGISTRATION RPC Update Fields

| Field Name & Location | VPS Required Data Field | Data Type | Req # | Example Description |
| --- | --- | --- | --- | --- |
| PRE-REGISTRATION CALL LOG file (41.43) FIELDS: |  |  | 4.5.6.1.1 | N/A |
| (#.01) DATE CALLED | DATE CALLED | Date | 4.5.6.1.2 | N/A |
| (#1) PATIENT NAME (P2) | PATIENT NAME | Pointer | 4.5.6.1.3 | N/A |
| (#2) USER (P200) | USER | Pointer | 4.5.6.1.4 | N/A |
| (#3) STATUS | STATUS | Set | 4.5.6.1.5 | N/A |
| (#5) DIVISION (P40.8) | DIVISION | Pointer | 4.5.6.1.6 | N/A |
| PRE-REGISTRATION AUDIT file (41.41) fields: |  |  | 4.5.6.1.7 | N/A |
| (#.01) PATIENT (P2) | PATIENT | Pointer | 4.5.6.1.8 | N/A |
| (#1) DATE CHANGED | DATE CHANGED | Date | 4.5.6.1.9 | N/A |
| USER (P200) | USER | Pointer | 4.5.6.1.10 | N/A |
| PRE-REGISTRATION CALL LIST file (41.42) |  |  | 4.5.6.1.13 | N/A |
| (#4) CALLED | SET |  | 4.5.6.1.14 | N/A |
| (#3) LAST UPDATED | DATE/TIME |  | 4.5.6.1.15 | N/A |

Table 19 –VPS PATIENT PRE-REGISTRATION RPC Output Parameters

| Output | Example Description |
| --- | --- |
| String consisting of a single digit to denote success or failure of the pre-registration, followed by a short message: 1 if pre-registration was successful or 0 if there was a problem. | Syntax to indicate success:  VPSRES="1, Pre-Registration completed."  Syntax to indicate a failure:  VPSRES="0, Patient not found."  VPSRES="0, Invalid SSN for this patient."  VPSRES="0, Unable to add Pre-Registration." |

### VPS PATIENT CHECK-IN RPC

Table 20 – VPS PATIENT CHECK-IN RPC Input Parameters

|  |  |
| --- | --- |
| Field Name | Example Description |
| VPSAPPT (multiple appointments to be checked in; delimited by “;”)  Each appointment format: DFN – CLINIC IEN – DATE/TIME STAMP OF SCHEDULED APPOINTMENT | "308165-1218-3120420.1215;308165-4569-3120420.1030" |
| DFN (Patient DFN) | 308165 |
| CLINIC IEN | 1218 |
| DATE/TIME STAMP OF SCHEDULED APPOINTMENT | 3120420.1215 |

Table 21 – VPS PATIENT CHECK IN Output Parameters

|  |  |
| --- | --- |
| Output | Example Description |
| Single-dimensional array that represents the results for each appointment that was checked in. Each data element in the array represents the result of an appointment check-in transaction; and the data in the 4-pieced string is delimited by "-".  return value = 1 if check-in successful or '99-error description text' if appointment was not checked in  Syntax:  output(0)= PATIENT DFN\_"-"\_clinicIEN\_"-"\_date/timestamp of appt\_"-"\_return value | Example of data output (example represents the result of 2 checked in appointment):  output(0)="308165-1218-3120420.1215-1"  output(1)=“308165-4569-3120420.1030-99-Appt not found." |
| (44.001, .01) PATIENT DFN (P2) | 308165 |
| (44,.001) Clinic IEN | 1218 |
| (44,.01) APPOINTMENT DATE/TIME [D1] | 3120420.1215 |
| CHECK IN |  |

### VPS EDIT PATIENT DEMOGRAPHIC RPC

Table 22 –VPS EDIT PATIENT DEMOGRAPHIC RPC Input Parameters

| Field Name & Location | VPS Required Data Field | Data Type | Req # | Example Description |
| --- | --- | --- | --- | --- |
| Input parameter is array with field and value pair format.  Fields that can be updated: |  |  |  | Array(1)=”MARITAL STATUS^DIVORCED”  Array(2)="STATE^OKLAHOMA” |
| (#.05) MARITAL STATUS (5P:11) [0;5] | Marital status | Pointer | 4.5.6.3.1 | Pointer to the MARITAL STATUS file (#11) has six entries and is maintained by the MAS development team. List of Valid Marital Statuses: 1=DIVORCED 2=MARRI4=WIDOWED 5=SEPARATED 6=NEVER MARRIED 7=UNKNOWN |
| (#.08) RELIGIOUS PREFERENCE (8P:13) [0;8] | Religion | Pointer | 4.5.6.3.2 | Pointer to the RELIGION FILE (#13) has 84 entries and is maintained by VACO MAS |
| (#.111) STREET ADDRESS [LINE 1] (1F) [.11;1] | Perm Address | Free Text | 4.5.6.3.5 | Alphanumeric including punctuation except for "^" character. |
| (#.112) STREET ADDRESS [LINE 2] (2F) [.11;2] | Perm Address | Free Text | 4.5.6.3.6 | Alphanumeric including punctuation except for "^" character. |
| (#.113) STREET ADDRESS [LINE 3] (3F) [.11;3] | Perm Address | Free Text | 4.5.6.3.7 | Alphanumeric including punctuation except for "^" character. |
| (#.114) CITY (4F) [.11;4] | Perm Address | Free Text | 4.5.6.3.8 | Alphanumeric including punctuation except for "^" character. |
| (#.115) STATE (5P:5) [.11;5] | Perm Address | Pointer | 4.5.6.3.9 | Pointer to STATE file (#5) |
| (#.117) COUNTY (7N) [.11;7] | Perm Address | Numeric | 4.5.6.3.11 | Alphanumeric pointer to the County multiple of the STATE file (#5). See Worksheet "County" |
| (#.1171) PROVINCE (8F) [.11;8] | Perm Address | Free Text | 4.5.6.3.12 | Province for foreign address. Alphanumeric. |
| (#.1172) POSTAL CODE (9F) [.11;9] | Perm Address | Free Text | 4.5.6.3.13 | Foreign address postal code. Alphanumeric. |
| (#.1173) COUNTRY (10P:779.004) [.11;10] | Perm Address | Pointer | 4.5.6.3.14 | Pointer to COUNTRY CODE File (#779.004 )- See Worksheet "Country" |
| (#.1112) ZIP+4 (12F) [.11;12] | Perm Address | Free Text | 4.5.6.3.15 | 5 digit or 9 digit (numeric). Hyphen can be included (e.g., 75044-5430). Valid ZIP CODE populates CITY, COUNTY and STATE fields |
| (#.121) BAD ADDRESS INDICATOR (16S) [.11;16] | Bad Add Indicator | Set | 4.5.6.3.16 | Set of Codes |
| (#.131) PHONE NUMBER [RESIDENCE] (1F) [.13;1] | Permanent home phone | Free Text | 4.5.6.3.17 | Alphanumeric including punctuation except for "^" character. |
| (#.132) PHONE NUMBER [WORK] (2F) [..13;2] | Work phone | Free Text | 4.5.6.3.18 | Alphanumeric including punctuation except for "^" character. |
| (#.134) PHONE NUMBER [CELLULAR] (4F) [.13;4] | Cell phone | Free Text | 4.5.6.3.19 | Alphanumeric including punctuation except for "^" character. |
| (#.133) EMAIL ADDRESS (3F) [.13;3] | Email address | Free Text | 4.5.6.3.20 | Alphanumeric. Must include "@" for email domain. |
| (#.1211) TEMPORARY STREET [LINE 1] (1F) [..121;1] | Temp Address | Free Text | 4.5.6.3.21 | Alphanumeric including punctuation except for "^" character. |
| (#.1212) TEMPORARY STREET [LINE 2] (2F) [.121;2] | Temp Address | Free Text | 4.5.6.3.22 | Alphanumeric including punctuation except for "^" character. |
| (#.1213) TEMPORARY STREET [LINE 3] (3F) [.121;3] | Temp Address | Free Text | 4.5.6.3.23 | Alphanumeric including punctuation except for "^" character. |
| (#.1214) TEMPORARY CITY (4F) [.121;4] | Temp Address | Free Text | 4.5.6.3.24 | Alphanumeric including punctuation except for "^" character. |
| (#.1215) TEMPORARY STATE [5P:5] [.121;5] | Temp Address | Pointer | 4.5.6.3.25 | Pointer to STATE file (#5) |
| (#.1217) TEMPORARY ADDRESS START DATE (7D) [.121;7] | Temp Address | Date/Time | 4.5.6.3.27 | Stored as FM date but can be entered as standard date format. Examples of Valid Dates: JAN 20 1957 or 20 JAN 57 or 1/20/57 or 012057 |
| (#.1218) TEMPORARY ADDRESS END DATE (8D) [.121;8] | Temp Address | Date/Time | 4.5.6.3.28 | Stored as FM date but can be entered as standard date format. Examples of Valid Dates: JAN 20 1957 or 20 JAN 57 or 1/20/57 or 012057 |
| (#.12111) TEMPORARY ADDRESS COUNTY (11N) [.121;11] | Temp Address | Numeric | 4.5.6.3.29 | Alphanumeric pointer to the County multiple of the STATE file (#5). |
| (#.1221) TEMPORARY ADDRESS PROVINCE (1F) [.122;1] | Temp Address | Free Text | 4.5.6.3.30 | Province for foreign address. Alphanumeric. |
| (#.1222) TEMPORARY ADDRESS POSTAL CODE (1F) [.122;2] | Temp Address | Free Text | 4.5.6.3.31 | Foreign address postal code |
| (#.1223) TEMPORARY ADDRESS COUNTRY (3P:779.004) [.122;3] | Temp Address | Pointer | 4.5.6.3.32 | Pointer to COUNTRY CODE File (#779.004 ) |
| (#.12112) TEMPORARY ZIP+4 (12F) [.121;12] | Temp Address | Free Text | 4.5.6.3.33 | 5 digit or 9 digit (numeric). Hyphen can be included (e.g., 75044-5430). Automatic population of CITY, COUNTY and STATE fields does not occur with the population of the temporary zip code. The potential for invalid addresses can occur due to this lack of validation and automatic population. |
| (#.1219) TEMPORARY PHONE NUMBER (10F) [.121;10] | Temporary home phone | Free Text | 4.5.6.3.34 | Alphanumeric including punctuation except for "^" character. |
| (#.211) K-NAME OF PRIMARY NOK (1F) [.21;1] | NOK name: first, last | Free Text | 4.5.6.3.35 | Next of Kin (NOK) Name in 'LAST,FIRST MIDDLE SUFFIX' format, alphanumeric |
| (#.212) K-RELATIONSHIP TO PATIENT (2F) [.21;2] | NOK relationship to patient | Free Text | 4.5.6.3.36 | Enter the relationship of the primary NOK to the patient, alphanumeric |
| (#.213) K-STREET ADDRESS [LINE 1] (3F) [.21;3] | NOK address | Free Text | 4.5.6.3.37 | Alphanumeric including punctuation except for "^" character. |
| (#.214) K-STREET ADDRESS [LINE 2] (4F) [.21;4] | NOK address | Free Text | 4.5.6.3.38 | Alphanumeric including punctuation except for "^" character. |
| (#.215) K-STREET ADDRESS [LINE 3] (5F) [.21;5] | NOK address | Free Text | 4.5.6.3.39 | Alphanumeric including punctuation except for "^" character. |
| (#.216) K-CITY (6F) [.21;6] | NOK address | Free Text | 4.5.6.3.40 | Alphanumeric including punctuation except for "^" character. |
| (#.217) K-STATE (7P:5) [.21;7] | NOK address | Pointer | 4.5.6.3.41 | Pointer to STATE file (#5) |
| (#.2207) K-ZIP+4 [.22;7] | NOK address | Free Text | 4.5.6.3.42 | 5 digit or 9 digit (numeric). Hyphen can be included (e.g., 75044-5430) |
| (#.219) K-PHONE NUMBER (9F) [.21;9] | NOK home phone | Free Text | 4.5.6.3.43 | Alphanumeric including punctuation except for "^" character. |
| (#.21011) K-WORK PHONE NUMBER (11F) [.21;11] | NOK work phone | Free Text | 4.5.6.3.44 | Alphanumeric including punctuation except for "^" character. |
| (#.2191) K2-NAME OF SECONDARY NOK (1F) [.211;1] | NOK2 name: first, last | Free Text | 4.5.6.3.45 | Next of Kin (NOK) name in 'LAST,FIRST MIDDLE SUFFIX' format, alphanumeric. |
| (#.2192) K2-RELATIONSHIP TO PATIENT (2F) [.211;2] | NOK2 relationship to patient | Free Text | 4.5.6.3.46 | Relationship of the secondary NOK to the patient, alphanumeric. |
| (#.2193) K2-STREET ADDRESS [LINE 1] (3F) [.211;3] | NOK2 address | Free Text | 4.5.6.3.47 | Alphanumeric including punctuation except for "^" character. |
| (#.2194) K2-STREET ADDRESS [LINE 2] (4F) [.211;4] | NOK2 address | Free Text | 4.5.6.3.48 | Alphanumeric including punctuation except for "^" character. |
| (#.2195) K2-STREET ADDRESS [LINE 3] (5F) [.211;5] | NOK2 address | Free Text | 4.5.6.3.49 | Alphanumeric including punctuation except for "^" character. |
| (#.2196) K2-CITY (6F) [.211;6] | NOK2 address | Free Text | 4.5.6.3.50 | Alphanumeric including punctuation except for "^" character. |
| (#.2197) K2-STATE (7P:5) [.211;7] | NOK2 address | Pointer | 4.5.6.3.51 | Pointer to STATE file (#5) |
| (#.2203) K2-ZIP+4 [.22;3] | NOK2 address | Free Text | 4.5.6.3.52 | 5 digit or 9 digit (numeric). Hyphen can be included (e.g., 75044-5430) |
| (#.2199) K2-PHONE NUMBER (9F) [.211;9] | NOK2 home phone | Free Text | 4.5.6.3.53 | Alphanumeric including punctuation except for "^" character. |
| (#.211011) K2-WORK PHONE NUMBER (11F) [.211;11] | NOK2 work phone | Free Text | 4.5.6.3.54 | Alphanumeric including punctuation except for "^" character. |
| (#.331) E-NAME (1F) [.33;1] | Emergency contact name: first, last | Free Text | 4.5.6.3.55 | Emergency contact name in 'LAST,FIRST MIDDLE SUFFIX' format, alphanumeric |
| (#.332) E-RELATIONSHIP TO PATIENT (2F) [.33;2] | Emergency contact relationship to patient | Free Text | 4.5.6.3.56 | relationship of the Emergency contact to the patient, alphanumeric |
| (#.333) E-STREET ADDRESS [LINE 1] (3F) [.33;3] | ER contact address | Free Text | 4.5.6.3.57 | Alphanumeric including punctuation except for "^" character. |
| (#.334) E-STREET ADDRESS [LINE 2] (4F) [.33;4] | ER address | Free Text | 4.5.6.3.58 | Alphanumeric including punctuation except for "^" character. |
| (#.335) E-STREET ADDRESS [LINE 3] (5F) [.33;5] | ER address | Free Text | 4.5.6.3.59 | Alphanumeric including punctuation except for "^" character. |
| (#.336) E-CITY (6F) [.33;6] | ER address | Free Text | 4.5.6.3.60 | Alphanumeric including punctuation except for "^" character. |
| (#.337) E-STATE (7P:5) [.33;7] | ER address | Pointer | 4.5.6.3.61 | Pointer to STATE file (#5) |
| (#.2201) E-ZIP+4 [.22;1] | ER address | Free Text | 4.5.6.3.62 | 5 digit or 9 digit (numeric). Hyphen can be included (e.g., 75044-5430). |
| (#.339) E-PHONE NUMBER (9F) [.33;9] | Emergency contact home phone | Free Text | 4.5.6.3.63 | Alphanumeric including punctuation except for "^" character. |
| (#.33011) E-WORK PHONE NUMBER (11F) [.33;11] | Emergency contact work phone | Free Text | 4.5.6.3.64 | Alphanumeric including punctuation except for "^" character. |
| (#.3311) E2-NAME OF SECONDARY CONTACT (1F) [.331;1] | Emergency contact 2 name: first, last | Free Text | 4.5.6.3.65 | Emergency contact name in 'LAST,FIRST MIDDLE SUFFIX' format, alphanumeric. |
| (#.3312) E2-RELATIONSHIP TO PATIENT (2F) [.331;2] | Emergency contact 2 relationship to patient | Free Text | 4.5.6.3.66 | Relationship of the Emergency contact to the patient, alphanumeric. |
| (#.3313) E2-STREET ADDRESS [LINE 1] (3F) [.331;3] | ER2 address | Free Text | 4.5.6.3.67 | Alphanumeric including punctuation except for "^" character. |
| (#.3314) E2-STREET ADDRESS [LINE 2] (4F) [.331;4] | ER2 address | Free Text | 4.5.6.3.68 | Alphanumeric including punctuation except for "^" character. |
| (#.3315) E2-STREET ADDRESS [LINE 3] (5F) [.331;5] | ER2 address | Free Text | 4.5.6.3.69 | Alphanumeric including punctuation except for "^" character. |
| (#.3316) E2-CITY (6F) [.331;6] | ER2 address | Free Text | 4.5.6.3.70 | Alphanumeric including punctuation except for "^" character. |
| (#.3317) E2-STATE (7P:5) [.331;7] | ER2 address | Pointer | 4.5.6.3.71 | Pointer to STATE file (#5) |
| (#.2204) E2-ZIP+4 [.22;6] | ER2 address | Free Text | 4.5.6.3.72 | 5 digit or 9 digit (numeric). Hyphen can be included (e.g., 75044-5430) |
| (#.3319) E2-PHONE NUMBER (9F) [.331;9] | Emergency contact 2 home phone | Free Text | 4.5.6.3.74 | Alphanumeric including punctuation except for "^" character. |
| (#.331011) E2-WORK PHONE NUMBER (11F) [.331;11] | Emergency contact 2 work phone | Free Text | 4.5.6.3.74 | Alphanumeric including punctuation except for "^" character. |
| (#.3111) EMPLOYER NAME (1F) [.311;1] | Employer name | Free Text | 4.5.6.3.76 | If employment status is NOT EMPLOYED or UNKNOWN then this field is left blank. Alphanumeric including punctuation except for "^" character. |
| (#.3119) EMPLOYER PHONE NUMBER (9F) [.311;9] | Employer phone | Free Text | 4.5.6.3.77 | Alphanumeric including punctuation except for "^" character. |
| (#.31115) EMPLOYMENT STATUS (15S) [.311;15] | Employment status | Set | 4.5.6.3.78 | Code Set 1=EMPLOYED FULL TIME 2=EMPLOYED PART TIME  3=NOT EMPLOYED  4=SELF EMPLOYED  5=RETIRED  6=ACTIVE MILITARY DUTY  9=UNKNOWN |
| (#.31116) DATE OF RETIREMENT (16D) [.311;16] | Retired date | Date/Time | 4.5.6.3.79 | Enter date of retirement if employment status is RETIRED. Stored as FM date but can be entered as standard date format. Examples of Valid Dates: JAN 20 1957 or 20 JAN 57 or 1/20/57 or 012057 |
| (#.251) SPOUSE'S EMPLOYER NAME (1F) [.25;1] | Spouse's employer name | Free Text | 4.5.6.3.80 | If employment status is NOT EMPLOYED or UNKNOWN then this field is left blank. Alphanumeric including punctuation except for "^" character. |
| (#.258) SPOUSE'S EMP PHONE NUMBER (8F) [.25;8] | Spouse's employer phone | Free Text | 4.5.6.3.81 | Alphanumeric including punctuation except for "^" character. |
| (#.2515) SPOUSE'S EMPLOYMENT STATUS (15S) [.25;15] | Spouse's employment status | Set | 4.5.6.3.82 | Code Set 1=EMPLOYED FULL TIME 2=EMPLOYED PART TIME  3=NOT EMPLOYED  4=SELF EMPLOYED  5=RETIRED  6=ACTIVE MILITARY DUTY  9=UNKNOWN |
| (#.2516) SPOUSE'S RETIREMENT DATE (16D) [.25;16] | Spouse's retired date | Date/Time | 4.5.6.3.83 | Enter date of retirement if employment status is RETIRED. Stored as FM date but can be entered as standard date format. Examples of Valid Dates: JAN 20 1957 or 20 JAN 57 or 1/20/57 or 012057 |

Table 23 –VPS EDIT PATIENT DEMOGRAPHIC RPC Output Parameters

|  |  |
| --- | --- |
| Output | Example Description |
| local ARRAY that returns the outcome of the remote procedure.  Successful update will append status code of ‘1” at the end of the input data (field and value pair)  Failed update will append status code of ’99^exception message’ at the end of the input data. | subscriptedArray(1)=”MARITAL STATUS^DIVORCE^1"  subscriptedArray(2)=”STATE^MALI^99^STATE MALI doesn’t exist" |

### VPS GET ALLERGIES RPC

Table 24 – VPS GET ALLERGIES RPC Input Parameters

|  |  |
| --- | --- |
| Field Name | Example Description |
| Patient DFN | 123 |

Table 25 – VPS GET ALLERGIES RPC Output Parameters

| **Output** | **Example Description** |
| --- | --- |
| a subscripted array that returns the outcome of the remote procedure. Data taken from an entry or entries stored in the PATIENT ALLERGIES file (120.8) are populated at subscripts of the local array. Each subscript in the array is assigned a composite, delimited string. Note: that there could be more than one allergy associated per patient. And within each allergy record there could be more than one reaction associated with the allergy | subscriptedArray(n)= "file number^iens (sub-entry ien, ien)^field number^field label data value“  Exception: subscriptedArray (0)="99 ^exception text" |
| 120.8,.01, DFN | R(1)="120.8^3^.01^PATIENT^7169016" |
| 120.8,.02, REACTANT | R(2)="120.8^3^.02^REACTANT^LATEX " |
| 120.8, 1, GMR ALLERGY | R(3)="120.8^3^1^GMR ALLERGY^3912;PS(50.416," |
| 120.8, 4, ORIGINATION DATE/TIME | R(4)="120.8^3^4^ORIGINATION DATE/TIME^3120906.1022" |
| 120.8, 5 ORIGINATOR | R(5)="120.8^3^5^ORIGINATOR^YVA,KATH" |
| 120.8, 10, .01, REACTION | R(6)="120.81 ^1,3^.01^REACTION IEN^133" R(7)="120.81^1,3 ^.01^REACTION NAME^RASH" R(23)="120.81^1,4^.01^REACTION IEN^133" R(24)="120.81^1,4^.01^REACTION NAME^RASH" |
| 120.8, 10, 1 OTHER REACTION | R(10)="120.81^2,3^1^OTHER REACTION^BAD BREATH" |
| 120.8, "ER", 22, ENTERED IN ERROR | R(20)="120.8^4^22^ENTERED IN ERROR^YES" |
| 120.8, "ER", 23, DATE/TIME ENTERED IN ERROR | R(21)="120.8^4^23^DATE/TIME ENTERED IN ERROR^3120906.193707" |
| 120.8, "ER", 24, USER ENTERING IN ERROR | R(22)="120.8^4^24^USER ENTERING IN ERROR^YVA,KATH" |
| 120.8, 26, .01, DATE/TIME COMMENT ENTERED | R(25)="120.826^1,4^.01^DATE/TIME COMMENT ENTERED^3120906.113252" |
| 120.8, 26, 1, USER ENTERING | R(26)="120.826^1,4^1^USER ENTERING^YVA,KATH" |
| 120.8, 26, 1.5, COMMENT TYPE | R(27)="120.826^1,4^1.5^COMMENT TYPE^OBSERVED" |
| 120.8, 2, COMMENTS | R(52)="120.826^1,6^2^COMMENTS^AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAABBBBBB  BBBBBBBBBBBBBBBBBBBBBBBB" R(53)="120.826^1,6^2^COMMENTS^BBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBB BBBBBBBBBBBBBBBBBBB" |

| eld Name & Location | VPS Required Data Field | Data Type | Req # | Example Description |
| --- | --- | --- | --- | --- |
| 853.01, .01, TRXN DATE/TIME | TRXN DATE/TIME | Date/Time |  | N/A |
| 853.01, .03, DEVICE ID | DeviceID | String |  | TEST(2)="KIOSK IP ADDRESS^127.0.0.1" |
| 853.01, 1, PDO INVOCABLE PERIOD | PDOinvocablePeriod | Numeric |  | TEST(3)="PDO INVOCABLE PERIOD^6" |
| 853.01, 2, AR ENABLED DT | ARenabledDateTimestamp | Date/Time |  | TEST(4)="AR ENABLED DT^3121231.073012" |
| 853.01, 3, MR ENABLED DT | MRenabledDateTimestamp | Date/Time |  | TEST(5)="MR ENABLED DT^3121231.073012" |
| 853.01, 4. AMR ENABLED DT | AMRenabledDateTimestamp | Date/Time |  | TEST(6)="AMR ENABLED DT^3121231.073012" |
| 853.01, 5, AUDIT ENABLED DT | AuditEnabledDateTimestamp | Date/Time |  | TEST(7)="AUDIT ENABLED DT^3121231.073012" |
| 853.01, 6, AR FREE TEXT ENABLED | ARfreetextEnabled | String |  | TEST(8)="AR FREE TEXT ENABLED^Y" |
| 853.01, 7, MR FREE TEXT ENABLED | MRfreetextEnabled | String |  | TEST(9)="MR FREE TEXT ENABLED^N" |
| 853.01, 8, AMR COMPLETED DT | AMRcompletedDateTimestamp | Date/Time |  | TEST(10)="AMR COMPLETED DT^3121231.1830" |
| 853.01, 9, AMR INCOMPLETE REASON | AMRincompleteReason | String |  | TEST(11)="AMR INCOMPLETE REASON^Kiosk to slow" |
| 853.01, 10, DESIRED AMR SESSION COMPLETED | DesiredAMRsessionComplete | Numeric |  | TEST(12)="DESIRED AMR SESSION COMPLETED^75" |
| 853.01, 11, DESIRED AMR TIME COMPLETED | DesiredAMRtimeCompleted | Date/Time |  | TEST(13)="DESIRED AMR TIME COMPLETED^3121231.1730" |
| 853.01, 12, DESIRED AR SESSION COMPLETED | DesiredARsessionComplete | Numeric |  | TEST(14)="DESIRED AR SESSION COMPLETED^90" |
| 853.01, 13, DESIRED AR TIME COMPLETED | DesiredARtimeCompleted | Date/Time |  | TEST(15)="DESIRED AR TIME COMPLETED^3121231.1430" |
| 853.01, 14, DESIRED MR SESSION COMPLETED |  | Numeric |  | TEST(16)="DESIRED MR SESSION COMPLETED^90" |
| 853.01, 15, DESIRED MR TIME COMPLETED | DesiredMRsessionCompleted | Date/Time |  | TEST(17)="DESIRED MR TIME COMPLETED^3121231.1530" |
| 853.01, 16, TIME LIMIT AR COMPLETE | TimeLimitARcomplete | Date/Time |  | TEST(18)="TIME LIMIT AR COMPLETE^3121231.1530" |
| 853.01, 17, TIME LIMIT MR COMPLETE | TimeLimitMRcomplete | Date/Time |  | TEST(19)="TIME LIMIT MR COMPLETE^3121231.1530" |
| 853.01, 18, TIME LIMIT DEVICE INITIATE | TimeLimitDeviceInitiate | Date/Time |  | TEST(20)="TIME LIMIT DEVICE INITIATE^3121231.1530" |
| 853.01, 19, LOW USE THRESHOLD AR | LowUseThresholdAR | Numeric |  | TEST(21)="LOW USE THRESHOLD AR^10" |
| 853.01, 20, LOW USE THRESHOLD MR | LowUseThresholdMR | Numeric |  | TEST(22)="LOW USE THRESHOLD MR^10" |
| 853.01, 21, LOW USE THRESHOLD PDO | LowUseThresholdPDO | Numeric |  | TEST(23)="LOW USE THRESHOLD PDO^5" |
| 853.01, 22, ALLERGY DISCREP UCL NO AR | DiscrepAllergyUCLNoAR | Numeric |  | TEST(24)="ALLERGY DISCREP UCL NO AR^10" |
| 853.01, 23, ALLERGY DISCREP UCL POST AR | DiscrepAllergyUCLPoastAR | Numeric |  | TEST(25)="ALLERGY DISCREP UCL POST AR^10" |
| 853.01, 24, MED DISCREP UCL NO MR | DiscrepMedUCLNoMR | Numeric |  | TEST(26)="MED DISCREP UCL NO MR^10" |
| 853.01, 25, MED DISCREP UCL POST MR | DiscrepMedUCLPostMR | Numeric |  | TEST(27)="MED DISCREP UCL POST MR^5" |

### VPS WRITE KIOSK PARAMETERS

Table 26 – VPS WRITE KIOSK PARAMETERS RPC Input Parameters

| **Field Name & Location** | **VPS Required Data Field** | **Data Type** | **Req #** | **Example Description** |
| --- | --- | --- | --- | --- |
| PARAMTYP | N/A | String | N/A | Type of configuration changes, K for KIOSK GROUP or C for Clinic. |
| PARAMNAM | N/A | String | N/A | Name of KIOSK GROUP or CLINIC depends on the PARMTYP. |
| PARAM  The followings are fields that can be stored in VPS CONFIG HISTORY file #853: | N/A | Array | N/A | Array representing the configuration parameters changed made in Vetlinks passed in by reference  Format: PARAM(0..n) = FIELD NAME^FIELD VALUE |
| 853.01, .01, TRXN DATE/TIME | TRXN DATE/TIME | Date/Time | 4.5.7.2.1 | N/A |
| 853.01, .03, DEVICE ID | DeviceID | Free Text | 4.5.7.2.2 | TEST(2)="DEVICE ID^127.0.0.1" |
| 853.01, .04, FORM FACTOR TYPE ID | FormFactorTypeID | Set | 4.5.7.2.3 | TEST(2)="FORM FACTOR TYPE ID^3" |
| 853.01, 1, PDO INVOCABLE PERIOD | PDOinvocablePeriod | Numeric | 4.5.7.2.4 | TEST(3)="PDO INVOCABLE PERIOD^6" |
| 853.01, 2, AR ENABLED DT | ARenabledDateTimestamp | Date/Time | 4.5.7.2.5 | TEST(4)="AR ENABLED DT^3121231.073012" |
| 853.01, 3, MR ENABLED DT | MRenabledDateTimestamp | Date/Time | 4.5.7.2.6 | TEST(5)="MR ENABLED DT^3121231.073012" |
| 853.01, 4. AMR ENABLED DT | AMRenabledDateTimestamp | Date/Time | 4.5.7.2.7 | TEST(6)="AMR ENABLED DT^3121231.073012" |
| 853.01, 5, AUDIT ENABLED DT | AuditEnabledDateTimestamp | Date/Time | 4.5.7.2.8 | TEST(7)="AUDIT ENABLED DT^3121231.073012" |
| 853.01, 6, AR FREE TEXT ENABLED | ARfreetextEnabled | Set | 4.5.7.2.9 | TEST(8)="AR FREE TEXT ENABLED^Y" |
| 853.01, 7, MR FREE TEXT ENABLED | MRfreetextEnabled | Set | 4.5.7.2.10 | TEST(9)="MR FREE TEXT ENABLED^N" |
| 853.01, 8, AMR COMPLETED DT | AMRcompletedDateTimestamp | Date/Time | 4.5.7.2.11 | TEST(10)="AMR COMPLETED DT^3121231.1830" |
| 853.01, 9, AMR INCOMPLETE REASON | AMRincompleteReason | Free Text | 4.5.7.2.12 | TEST(11)="AMR INCOMPLETE REASON^Kiosk to slow" |
| 853.01, 10, DESIRED AMR SESSION COMPLETED | DesiredAMRsessionComplete | Numeric | 4.5.7.2.13 | TEST(12)="DESIRED AMR SESSION COMPLETED^75" |
| 853.01, 11, DESIRED AMR TIME COMPLETED | DesiredAMRtimeCompleted | Date/Time | 4.5.7.2.14 | TEST(13)="DESIRED AMR TIME COMPLETED^3121231.1730" |
| 853.01, 12, DESIRED AR SESSION COMPLETED | DesiredARsessionComplete | Numeric | 4.5.7.2.15 | TEST(14)="DESIRED AR SESSION COMPLETED^90" |
| 853.01, 13, DESIRED AR TIME COMPLETED | DesiredARtimeCompleted | Date/Time | 4.5.7.2.16 | TEST(15)="DESIRED AR TIME COMPLETED^3121231.1430" |
| 853.01, 14, DESIRED MR SESSION COMPLETED | DesiredMRsessionCompleted | Numeric | 4.5.7.2.17 | TEST(16)="DESIRED MR SESSION COMPLETED^90" |
| 853.01, 15, DESIRED MR TIME COMPLETED | DesiredMRTimeCompleted | Date/Time | 4.5.7.2.18 | TEST(17)="DESIRED MR TIME COMPLETED^3121231.1530" |
| 853.01, 16, TIME LIMIT AR COMPLETE | TimeLimitARcomplete | Date/Time | 4.5.7.2.19 | TEST(18)="TIME LIMIT AR COMPLETE^3121231.1530" |
| 853.01, 17, TIME LIMIT MR COMPLETE | TimeLimitMRcomplete | Date/Time | 4.5.7.2.20 | TEST(19)="TIME LIMIT MR COMPLETE^3121231.1530" |
| 853.01, 18, TIME LIMIT DEVICE INITIATE | TimeLimitDeviceInitiate | Date/Time | 4.5.7.2.21 | TEST(20)="TIME LIMIT DEVICE INITIATE^3121231.1530" |
| 853.01, 19, LOW USE THRESHOLD AR | LowUseThresholdAR | Numeric | 4.5.7.2.22 | TEST(21)="LOW USE THRESHOLD AR^10" |
| 853.01, 20, LOW USE THRESHOLD MR | LowUseThresholdMR | Numeric | 4.5.7.2.23 | TEST(22)="LOW USE THRESHOLD MR^10" |
| 853.01, 21, LOW USE THRESHOLD PDO | LowUseThresholdPDO | Numeric | 4.5.7.2.24 | TEST(23)="LOW USE THRESHOLD PDO^5" |
| 853.01, 22, ALLERGY DISCREP UCL NO AR | DiscrepAllergyUCLNoAR | Numeric | 4.5.7.2.25 | TEST(24)="ALLERGY DISCREP UCL NO AR^10" |
| 853.01, 23, ALLERGY DISCREP UCL POST AR | DiscrepAllergyUCLPoastAR | Numeric | 4.5.7.2.26 | TEST(25)="ALLERGY DISCREP UCL POST AR^10" |
| 853.01, 24, MED DISCREP UCL NO MR | DiscrepMedUCLNoMR | Numeric | 4.5.7.2.27 | TEST(26)="MED DISCREP UCL NO MR^10" |
| 853.01, 25, MED DISCREP UCL POST MR | DiscrepMedUCLPostMR | Numeric | 4.5.7.2.28 | TEST(27)="MED DISCREP UCL POST MR^5" |
| 853, .01 PARAMETER TYPE | PARAMETER TYPE | Set | 4.5.7.2.29 | Value of PARAMTYP |
| 853, .02 PARAMETER NAME | PARAMETER NAME | Free Text | 4.5.7.2.30 | Value of PARAMNAM |

Table 26 – VPS WRITE KIOSK PARAMETERS RPC Output Parameters

| Output | Example Description |
| --- | --- |
| local ARRAY that returns the outcome of the remote procedure.  Successful update will append status code of ‘1” at the end of the input data (field and value pair)  Failed update will append status code of ’99^exception message’ at the end of the input data. | TEST(3)="PDO INVOCABLE PERIOD^6^1"  TEST(8)="AR FREE TEXT ENABLED^X^99^exception msg" |

### VPS WRITE MRAR PDO RPC

Table 26 – VPS WRITE MRAR PDO RPC Input Parameters

| Field Name & Location | VPS Required Data Field | Data Type | Req # | Example Description |
| --- | --- | --- | --- | --- |
| VPSDFN |  |  |  | Patient DFN |
| VPSINTFC |  |  |  | Interface Module: S for Staff-facing interface, P for Patient-Facing Interface |
| VPSMRAR  The followings are fields that can be stored in VPS MRAR PDO file #853.5: |  |  |  | Array representing the kiosk Medication and Allergy Review  Format: VPSMRAR(n) = FIELD NAME^IENS^FIELD VALUE  IENS represent entry and sub-entry subscripts e.g., if patient has 3 allergies with entry numbers of (10,20,30) then a given IENS value "1,20"; where "1" represents top level entry (patient level; ien and .01) and "20" represents the allergy entry level (.01 not the SUB IEN) |
| 853.5, .01 PATIENT | PATIENT | Pointer | 4.5.7.3.110 | Value of VPSDFN input parameter |
| 853.51, .01 TRNX DATE/TIME | TRNX DATE/TIME | Date/Time | 4.5.7.3.111 | Current Date |
| 853.51, .02.DEVICE ID | DEVICE ID | Free Text | 4.5.7.3.0.1 | TEST(1)="KIOSK IP ADDRESS^1^127.0.0.1" |
| 853.51,.03,KIOSK GROUP | KIOSK GROUP | Free Text | 4.5.7.3.0.2 | TEST(2)="KIOSK GROUP^1^AREA ONE CLINIC" |
| 853.51,.04,ENCOUNTER CLINIC | ENCOUNTER CLINIC | Free Text | 4.5.7.3.0.3 | TEST(3)="ENCOUNTER CLINIC^1^DENTAL" |
| 853.51,.05,APPT DATE/TIME | APPT DATE/TIME | Date/Time | 4.5.7.3.0.4 | TEST(4)="APPT DATE/TIME^1^3121105.1545" |
| 853.51,.06,PROVIDER IEN | PROVIDER IEN | Numeric | 4.5.7.3.0.5 | R(5)="PROVIDER IEN^1^22222^1" |
| 853.51,.08,STOP CODE | STOP CODE | Free Text | 4.5.7.3.0.6 | R(6)="STOP CODE^1^99^1" |
| 853.51,.09,PCMM PROVIDER IEN | PCMM PROVIDER IEN | Numeric | 4.5.7.3.0.7 | R(7)="PCMM PROVIDER IEN^1^99^1" |
| 853.51,.11,PCMM TEAM POSITION IEN | PCMM TEAM POSITION IEN | Numeric | 4.5.7.3.8 | TEST(8)="PCMM TEAM POSITION IEN^1^99" |
| 853.51^.12^MRAR SESSION ID | MRAR SESSION ID | Numeric | 4.5.7.3.9 | TEST(9)="MRAR SESSION ID^1^123" |
| 853.51,.13 INTERFACE MODULE | INTERFACE MODULE | Set | 4.5.7.3.0.8 | Value of VPSINTFC input parameter |
| 853.51,1,AR INITIATED DT | AR INITIATED DT | Date/Time | 4.5.7.3.10 | TEST(10)="AR INITIATED DT^1^3121105.133" |
| 853.51,2,AR COMPLETED DT | AR COMPLETED DT | Date/Time | 4.5.7.3.11 | TEST(11)="AR COMPLETED DT^1^3121105.133046" |
| 853.51,4,AR CUT-OFF DT | AR CUT-OFF DT | Date/Time | 4.5.7.3.12 | TEST(12)="AR CUT-OFF DT^1^3121105.133047" |
| 853.51,5,AR INCOMPLETE DT | AR INCOMPLETE DT | Date/Time | 4.5.7.3.13 | TEST(13)="AR INCOMPLETE DT^1^3121105.133048" |
| 853.51,6,AR INCOMPLETE REASON | INCOMPLETE REASON | Free Text | 4.5.7.3.14 | TEST(14)="AR INCOMPLETE REASON^1^NONE AT THIS TIME" |
| 853.51,7,AR SESSION OUTCOME | AR SESSION OUTCOME | Set | 4.5.7.3.15 | TEST(15)="AR SESSION OUTCOME^1^F" |
| 853.51^7.5^AMR COMPLETED DT | AMR COMPLETED DT | Date/Time | 4.5.7.3.16 | TEST(16)="AMR COMPLETED DT^1^3121105.133056" |
| 853.51,8,ADD ALLERGY INITIATED DT | ADD ALLERGY INITIATED DT | Date/Time | 4.5.7.3.17 | TEST(17)="ADD ALLERGY INITIATED DT^1^3121105.133057" |
| 853.51,9,ADD ALLERGY COMPLETED DT | ADD ALLERGY COMPLETED DT | Date/Time | 4.5.7.3.18 | TEST(18)="ADD ALLERGY COMPLETED DT^1^3121105.133058" |
| 853.51,13,AR FREE TEXT COMPLETED DT | AR FREE TEXT COMPLETED DT | Date/Time | 4.5.7.3.19 | TEST(19)="AR FREE TEXT COMPLETED DT^1^3121105.133058" |
| 853.51,14,VET VIEW ADD ALLERGY COMP DT | ,VET VIEW ADD ALLERGY COMP DT | Date/Time | 4.5.7.3.20 | TEST(20)="VET VIEW ADD ALLERGY COMP DT^1^3121105.1331" |
| 853.51,15,VET VIEW ADD ALLER INIT DT | VET VIEW ADD ALLER INIT DT | Date/Time | 4.5.7.3.21 | TEST(21)="VET VIEW ADD ALLER INIT DT^1^3121105.133101" |
| 853.51,16,VET VIEW CHANGE ALLER COMP DT | VET VIEW CHANGE ALLER COMP DT | Date/Time | 4.5.7.3.22 | TEST(22)="VET VIEW CHANGE ALLER COMP DT^1^3121105.133102" |
| 853.51,17,VET VIEW CHANGE ALLER INIT DT | VET VIEW CHANGE ALLER INIT DT | Date/Time | 4.5.7.3.23 | TEST(23)="VET VIEW CHANGE ALLER INIT DT^1^3121105.133103" |
| 853.51,19,OTH ALLERGY UNK PATIENT | OTH ALLERGY UNK PATIENT | Set | 4.5.7.3.24 | TEST(24)="OTH ALLERGY UNK PATIENT^1^1" |
| 853.51,20, NO KNOWN DRUG ALLERGIES | NO KNOWN DRUG ALLERGIES | Set | 4.5.7.3.25 | TEST(25)="NO KNOWN DRUG ALLERGIES^1^1" |
| 853.51,21,MRAR CONDUCTED WITH | MRAR CONDUCTED WITH | Free Text | 4.5.7.3.26 | TEST(26)="MRAR CONDUCTED WITH^1^PATIENT;SPOUSE;SISTER;SON" |
| 853.51,74,STAFF MODULE COMPLETED DT | STAFF MODULE COMPLETED DT | Date/Time | 4.5.7.3.27 | TEST(27)="STAFF MODULE COMPLETED DT^1^3121105.133117" |
| 853.51,76,STAFF MODULE SIGNED DT | STAFF MODULE SIGNED DT | Date/Time | 4.5.7.3.28 | TEST(28)="STAFF MODULE SIGNED DT^1^3121105.133121" |
| 853.51,77,MR INITIATED DT | MR INITIATED DT | Date/Time | 4.5.7.3.29 | TEST(29)="MR INITIATED DT^1^3121105.133123" |
| 853.51,78,MR COMPLETED DT | MR COMPLETED DT | Date/Time | 4.5.7.3.30 | TEST(30)="MR COMPLETED DT^1^3121105.133123" |
| 853.51,79,MR CUTOFF DT | MR CUTOFF DT | Date/Time | 4.5.7.3.31 | TEST(31)="MR CUTOFF DT^1^3121105.133124" |
| 853.51,80,MR CHANGE MED INITIATED DT | MR CHANGE MED INITIATED DT | Date/Time | 4.5.7.3.32 | TEST(32)="MR CHANGE MED INITIATED DT^1^3121105.133127" |
| 853.51,81,MR CHANGE MED COMPLETED DT | MR CHANGE MED COMPLETED DT | Date/Time | 4.5.7.3.33 | TEST(33)="MR CHANGE MED COMPLETED DT^1^3121105.133127" |
| 853.51,82,MR CHANGE REASON COMPLETED DT | MR CHANGE REASON COMPLETED DT | Date/Time | 4.5.7.3.34 | TEST(34)="MR CHANGE REASON COMPLETED DT^1^3121105.133128" |
| 853.51,83,MR INCOMPLETE REASON | MR INCOMPLETE REASON | Free Text | 4.5.7.3.35 | TEST(35)="MR INCOMPLETE REASON^1^NONE A THIS TIME" |
| 853.51,84,MR FREE TEXT SECTION DONE DT | MR FREE TEXT SECTION DONE DT | Date/Time | 4.5.7.3.36 | TEST(36)="MR FREE TEXT SECTION DONE DT^1^3121105.133138" |
| 853.51,85,MR SESSION OUTCOME | MR SESSION OUTCOME | Set | 4.5.7.3.37 | TEST(37)="MR SESSION OUTCOME^1^F" |
| 853.51,86,MR ADD MED INITIATED DT | MR ADD MED INITIATED DT | Date/Time | 4.5.7.3.38 | TEST(38)="MR ADD MED INITIATED DT^1^3121105.133141" |
| 853.51,87,MR ADD MED COMPLETED DT | MR ADD MED COMPLETED DT | Date/Time | 4.5.7.3.39 | TEST(39)="MR ADD MED COMPLETED DT^1^3121105.133142" |
| 853.51,88,VET VIEW ADD MED INITIATED DT | VET VIEW ADD MED INITIATED DT | Date/Time | 4.5.7.3.40 | TEST(40)="VET VIEW ADD MED INITIATED DT^1^3121105.133143" |
| 853.51,89,VET VIEW ADD MED COMPLETED DT | VET VIEW ADD MED COMPLETED DT | Date/Time | 4.5.7.3.41 | TEST(41)="VET VIEW ADD MED COMPLETED DT^1^3121105.133144" |
| 853.51,90,VET VIEW ALL MED INITIATED DT | VET VIEW ALL MED INITIATED DT | Date/Time | 4.5.7.3.42 | TEST(42)="VET VIEW ALL MED INITIATED DT^1^3121105.133145" |
| 853.51,91,VET VIEW ALL MED COMPLETED DT | VET VIEW ALL MED COMPLETED DT | Date/Time | 4.5.7.3.43 | TEST(43)="VET VIEW ALL MED COMPLETED DT^1^3121105.133146" |
| 853.51,92,VET VIEW CHG ALL MED INIT DT | VET VIEW CHG ALL MED INIT DT | Date/Time | 4.5.7.3.44 | TEST(44)="VET VIEW CHG ALL MED INIT DT^1^3121105.133148" |
| 853.51,93,VET VIEW CHG ALL MED COMP DT | VET VIEW CHG ALL MED COMP DT | Date/Time | 4.5.7.3.45 | TEST(45)="VET VIEW CHG ALL MED COMP DT^1^3121105.13315" |
| 853.51,94,AMR INCOMPLETE REASON | AMR INCOMPLETE REASON | Free Text | 4.5.7.3.46 | TEST(46)="AMR INCOMPLETE REASON^1^NONE" |
| 853.51,95,MR INCOMPLETE DT | MR INCOMPLETE DT | Date/Time | 4.5.7.3.47 | TEST(47)="MR INCOMPLETE DT^1^3121105.133154" |
| 853.51,100,AMR ENABLED DT | AMR ENABLED DT | Date/Time | 4.5.7.3.48 | TEST(48)="AMR ENABLED DT^1^3121105.133155" |
| 853.51,101,AR ENABLED DT | AR ENABLED DT | Date/Time | 4.5.7.3.49 | TEST(49)="AR ENABLED DT^1^3121105.133156" |
| 853.51,102,MR ENABLED DT | MR ENABLED DT | Date/Time | 4.5.7.3.50 | TEST(50)="MR ENABLED DT^1^3121105.133157" |
| 853.51,103,AR FREE TEXT ENABLED | AR FREE TEXT ENABLED | Set | 4.5.7.3.51 | TEST(51)="AR FREE TEXT ENABLED^1^Y" |
| 853.51,104,MR FREE TEXT ENABLED | MR FREE TEXT ENABLED | Set | 4.5.7.3.52 | TEST(52)="MR FREE TEXT ENABLED^1^Y" |
| 853.52,.02,LOCAL ALLERGY ID | LOCAL ALLERGY ID | Numeric | 4.5.7.3.53 | TEST(53)="LOCAL ALLERGY ID^1,1^3459098" |
| 853.52,.03,REMOTE ALLERGY ID | REMOTE ALLERGY ID | Numeric | 4.5.7.3.54 | TEST(67)="REMOTE ALLERGY ID^1,2^23456" |
| 853.52,.05,ALLERGY NAME | ALLERGY NAME | Free Text | 4.5.7.3.55 | TEST(54)="ALLERGY NAME^1,1^SULINDAC" TEST(68)="ALLERGY NAME^1,2^PHENOBARBITAL" |
| 853.52,.06,PATIENT RESPONSE | PATIENT RESPONSE | Free Text | 4.5.7.3.56 | TEST(59)="AR PATIENT RESPONSE^1,1^Y" TEST(71)="AR PATIENT RESPONSE^1,2^Y" |
| 853.57,.02,REACTION IEN | REACTION IEN | Numeric | 4.5.7.3.57 | TEST(55)="REACTION IEN^1,1,1^8767" TEST(57)="REACTION IEN^1,1,2^9872" TEST(69)="REACTION IEN^1,2,1^8790" |
| 853.57,.03,REACTION NAME | REACTION NAME | Free Text | 4.5.7.3.58 | TEST(56)="REACTION NAME^1,1,1^NAUSEA AND VOMITING" TEST(58)="REACTION NAME^1,1,2^SHAKY" TEST(70)="REACTION NAME^1,2,1^HIVES |
| 853.52,.09,STATION ID | STATION ID | Pointer | 4.5.7.3.59 | TEST(72)="STATION ID^1,2^LAFAYETTE" |
| 853.52,1,ALLERGY COMMENTS PATIENT | ALLERGY COMMENTS PATIENT | Word-Processing | 4.5.7.3.60 | TEST(60)="ALLERGY COMMENTS PATIENT^1,1^ALLERGY COMMENTS FROM PATIENT" TEST(73)="ALLERGY COMMENTS PATIENT^1,2^ALLERGY COMMENTS FROM PATIENT" |
| 853.52,2,ALLERGY COMMENTS STAFF VIEW | ALLERGY COMMENTS STAFF VIEW | Word-Processing | 4.5.7.3.61 | TEST(61)="ALLERGY COMMENTS STAFF VIEW^1,1^ALLERGY COMMENTS STAFF VIEW" TEST(74)="ALLERGY COMMENTS STAFF VIEW^1,2^ALLERGY COMMENTS STAFF VIEW" |
| 853.52,3,ALLERGY COMMENTS VET VIEW | ALLERGY COMMENTS VET VIEW | Word-Processing | 4.5.7.3.62 | TEST(62)="ALLERGY COMMENTS VET VIEW^1,1^ALLERGY COMMENTS VET VIEW" TEST(75)="ALLERGY COMMENTS VET VIEW^1,2^ALLERGY COMMENTS VET VIEW" |
| 853.52,12,ALLERGY CHANGED | ALLERGY CHANGED | Pointer | 4.5.7.3.63 | TEST(63)="ALLERGY CHANGED^1,1^ALLERGY CHANGED PRIMARY PROVIDER VET VIEW" TEST(76)="ALLERGY CHANGED^1,2^ALLERGY CHANGED OTHER PROVIDERS STAFF VIEW" |
| 853.52,13,ALLERGY CONFIRMED | ALLERGY CONFIRMED | Pointer | 4.5.7.3.64 | TEST(64)="ALLERGY CONFIRMED^1,1^ALLERGY CONFIRMED PRIMARY PROVIDER VET VIEW" TEST(77)="ALLERGY CONFIRMED^1,2^ALLERGY CONFIRMED PRIMARY PROVIDER" |
| 853.52,14,ALLERGY DISCREPANCY | ALLERGY DISCREPANCY | Pointer | 4.5.7.3.65 | TEST(65)="ALLERGY DISCREPANCY^1,1^DISCREP ALLERGY PROVIDER VET VIEW NOT POST AR" TEST(78)="ALLERGY DISCREPANCY^1,2^DISCREP ALLERGY PROVIDER VET VIEW POST AR" |
| 853.52,16,ALLERGY-MARK FOR FOLLOWUP | ALLERGY-MARK FOR | Set | 4.5.7.3.66 | TEST(66)="ALLERGY-MARK FOR FOLLOWUP^1,1^S" TEST(79)="ALLERGY-MARK FOR FOLLOWUP^1,2^S" |
| 853.53,1,ADD ALLERGY-VET | ADD ALLERGY-VET | Word-Processing | 4.5.7.3.67 | TEST(80)="ADD ALLERGY-VET^1,1^OIL" |
| 853.53,1.5,ADD ALLERGY-PROVIDER | ADD ALLERGY-PROVIDER | Word-Processing | 4.5.7.3.68 | TEST(81)="ADD ALLERGY-PROVIDER^1,1^OLIVE OIL" |
| 853.53,2,ADD ALLERGY REACTION (STAFF) | ,ADD ALLERGY REACTION (STAFF) | Free Text | 4.5.7.3.69 | TEST(82)="ADD ALLERGY REACTION^1,1^OLIVE OIL AND SESAME OIL" |
| 853.53,3,ADD ALLERGY ADDED BY | ADD ALLERGY ADDED BY | Set | 4.5.7.3.70 | TEST(83)="ADD ALLERGY ADDED BY^1,1^S" |
| 853.53,4,ADD ALLERGY-MARK FOR FOLLOWUP | ADD ALLERGY-MARK FOR FOLLOWUP | Set | 4.5.7.3.71 | TEST(84)="ADD ALLERGY-MARK FOR FOLLOWUP^1,1^S" |
| 853.54,1,PRESCRIPTION ENTRY IEN | PRESCRIPTION ENTRY IEN | Numeric | 4.5.7.3.72 | TEST(85)="PRESCRIPTION ENTRY IEN^1,1^8999" TEST(111)="PRESCRIPTION ENTRY IEN^1,2^998789" TEST(134)="PRESCRIPTION ENTRY IEN^1,3^8972" |
| 853.54,2,PROVIDER NAME | PROVIDER NAME | Free Text | 4.5.7.3.73 | TEST(86)="PROVIDER NAME^1,1^DR. WHITE" TEST(112)="PROVIDER NAME^1,2^DR. TEST" TEST(135)="PROVIDER NAME^1,3^DR. SEUSS" |
| 853.54,3,FILL LOCATION | FILL LOCATION | Pointer | 4.5.7.3.74 | TEST(87)="FILL LOCATION^1,1^HAMPTON" TEST(113)="FILL LOCATION^1,2^655" TEST(136)="FILL LOCATION^1,3^501GD" |
| 853.54,4,LAST FILL DATE | LAST FILL DATE | Date/Time | 4.5.7.3.75 | TEST(88)="LAST FILL DATE^1,1^3120921" TEST(114)="LAST FILL DATE^1,2^3121016" TEST(137)="LAST FILL DATE^1,3^3121008" |
| 853.54,5,DAYS SUPPLIED | DAYS SUPPLIED | Numeric | 4.5.7.3.76 | TEST(89)="DAYS SUPPLIED^1,1^30" TEST(115)="DAYS SUPPLIED^1,2^30" TEST(138)="DAYS SUPPLIED^1,3^30" |
| 853.54,6,# REFILLS LEFT | REFILLS LEFT | Numeric | 4.5.7.3.77 | TEST(90)="# REFILLS LEFT^1,1^4" TEST(116)="# REFILLS LEFT^1,2^6" TEST(139)="# REFILLS LEFT^1,3^8" |
| 853.54,7,NEXT FILL DATE | NEXT FILL DATE | Date/Time | 4.5.7.3.78 | TEST(91)="NEXT FILL DATE^1,1^3121021" TEST(117)="NEXT FILL DATE^1,2^3121115" TEST(140)="NEXT FILL DATE^1,3^3121107" |
| 853.54,8,LOCAL MED ID | LOCAL MED ID | Numeric | 4.5.7.3.79 | TEST(92)="LOCAL MED ID^1,1^8992" |
| 853.54,9,REMOTE MED ID | REMOTE MED ID | Numeric | 4.5.7.3.00 | TEST(118)="REMOTE MED ID^1,2^99902" |
| 853.54,10,MEDICATION NAME | MEDICATION NAME | Free Text | 4.5.7.3.81 | TEST(93)="MEDICATION NAME^1,1^ALPRAZOLAM .25mg TAB" TEST(119)="MEDICATION NAME^1,2^HYDROCHLOROTHIAZIDE 25MG TAB" TEST(141)="MEDICATION NAME^1,3^LISINOPRIL 5MG TAB" |
| 853.54,11,MR PRESET PATIENT RESPONSE | MR PRESET PATIENT RESPONSE | Set | 4.5.7.3.82 | TEST(94)="MR PRESET PATIENT RESPONSE^1,1^Y" TEST(120)="MR PRESET PATIENT RESPONSE^1,2^Y" TEST(142)="MR PRESET PATIENT RESPONSE^1,3^Y" |
| 853.54,12,RX STATUS | RX STATUS | Set | 4.5.7.3.83 | TEST(95)="RX STATUS^1,1^A" TEST(121)="RX STATUS^1,2^S" TEST(143)="RX STATUS^1,3^H" |
| 853.54,13,PATIENT INSTRUCTIONS (SIG) | PATIENT INSTRUCTIONS (SIG) | Free Text | 4.5.7.3.84 | TEST(96)="PATIENT INSTRUCTIONS (SIG)^1,1^instructions for the patient" TEST(122)="PATIENT INSTRUCTIONS (SIG)^1,2^½ tab by mouth every day before bed" TEST(144)="PATIENT INSTRUCTIONS (SIG)^1,3^2 tab by mouth every day" |
| 853.54,14,MED DOSAGE | MED DOSAGE | Free Text | 4.5.7.3.85 | TEST(97)="MED DOSAGE^1,1^.25mg" TEST(123)="MED DOSAGE^1,2^25MG" TEST(145)="MED DOSAGE^1,3^5MG" |
| 853.54,15,MED DOSAGE FORM | MED DOSAGE FORM | Free Text | 4.5.7.3.86 | TEST(98)="MED DOSAGE FORM^1,1^TAB" TEST(124)="MED DOSAGE FORM^1,2^TAB TEST(146)="MED DOSAGE FORM^1,3^TAB" |
| 853.54,16,MEDS-MARK FOR FOLLOWUP | MEDS-MARK FOR FOLLOWUP | Set | 4.5.7.3.87 | TEST(99)="MEDS-MARK FOR FOLLOWUP^1,1^S" TEST(125)="MEDS-MARK FOR FOLLOWUP^1,2^S" TEST(147)="MEDS-MARK FOR FOLLOWUP^1,3^S" |
| 853.54,17,MED ROUTE | MED ROUTE | Free Text | 4.5.7.3.88 | TEST(100)="MED ROUTE^1,1^ORAL" TEST(126)="MED ROUTE^1,2^ORAL" TEST(148)="MED ROUTE^1,3^ORAL" |
| 853.54,18,MED IMAGE INDICATOR MR | MED IMAGE INDICATOR MR | Set | 4.5.7.3.89 | TEST(101)="MED IMAGE INDICATOR MR^1,1^N" TEST(127)="MED IMAGE INDICATOR MR^1,2^N" TEST(149)="MED IMAGE INDICATOR MR^1,3^N" |
| 853.54,19,MED IMAGE INDICATOR STAFF VIEW | MED IMAGE INDICATOR STAFF VIEW | Set | 4.5.7.3.90 | TEST(102)="MED IMAGE INDICATOR STAFF VIEW^1,1^N" TEST(128)="MED IMAGE INDICATOR STAFF VIEW^1,2^N" TEST(150)="MED IMAGE INDICATOR STAFF VIEW^1,3^N" |
| 853.54,20,MED IMAGE INDICATOR VET VIEW | MED IMAGE INDICATOR VET VIEW | Set | 4.5.7.3.91 | TEST(103)="MED IMAGE INDICATOR VET VIEW^1,1^N" TEST(129)="MED IMAGE INDICATOR VET VIEW^1,2^N" TEST(151)="MED IMAGE INDICATOR VET VIEW^1,3^N" |
| 853.54,21,NON-VA | NON-VA | Set | 4.5.7.3.92 | TEST(152)="NON-VA^1,3^Y" |
| 853.54,22,MAX REFILLS | MAX REFILLS | Numeric | 4.5.7.3.93 | TEST(153)="MAX REFILLS^1,3^3" |
| 853.54,23,MEDICATION COMMENTS PATIENT | MEDICATION COMMENTS PATIENT | Word-Processing | 4.5.7.3.94 | TEST(104)="MEDICATION COMMENTS PATIENT^1,1^MED COMMENTS FROM THE PATIENT" TEST(130)="MEDICATION COMMENTS PATIENT^1,2^MED COMMENTS FROM PATIENT" TEST(153)="MEDICATION COMMENTS PATIENT^1,3^MED COMMENTS FROM THE PATIENT" |
| 853.54,24,MEDICATION COMMENTS STAFF VIEW | MEDICATION COMMENTS STAFF VIEW | Word-Processing | 4.5.7.3.95 | TEST(105)="MEDICATION COMMENTS STAFF VIEW^1,1^MED COMMENTS STAFF VIEW" TEST(131)="MEDICATION COMMENTS STAFF VIEW^1,2^MED COMMENTS STAFF VIEW" |
| 853.54,25,MEDICATION COMMENTS VET VIEW | MEDICATION COMMENTS VET VIEW | Word-Processing | 4.5.7.3.96 | TEST(106)="MEDICATION COMMENTS VET VIEW^1,1^MED COMMENTS VET VEW" TEST(154)="MEDICATION COMMENTS VET VIEW^1,3^MED COMMENTS VET VIEW" |
| 853.54,30,MEDICATION DISCREPANCY | MEDICATION DISCREPANCY | Pointer | 4.5.7.3.97 | TEST(108)="MEDICATION DISCREPANCY^1,1^DISCREP MED STAFF VIEW UNSURE" TEST(133)="MEDICATION DISCREPANCY^1,2^DISCREP MED STAFF VIEW POST MR" TEST(156)="MEDICATION DISCREPANCY^1,3^DISCREP MED STAFF VIEW NOT TAKING" |
| 853.54,31,MEDICATION CHANGED | MEDICATION CHANGED | Pointer | 4.5.7.3.98 | TEST(109)="MEDICATION CHANGED^1,1^MED CHANGED NOT TAKING PATIENT" |
| 853.54,32,MEDICATION CONFIRMED | MEDICATION CONFIRMED | Pointer | 4.5.7.3.99 | TEST(110)="MEDICATION CONFIRMED^1,1^MED CONFIRMED VET VIEW" |
| 853.55,1,PATIENT-FACING ADD MEDICATION | PATIENT-FACING ADD MEDICATION | Free Text | 4.5.7.3.100 | TEST(157)="PATIENT-FACING ADD MEDICATION^1,1^ADVIL" |
| 853.55,2,STAFF VIEW ADD MEDICATION | STAFF VIEW ADD MEDICATION | Free Text | 4.5.7.3.101 | TEST(158)="STAFF VIEW ADD MEDICATION^1,1^Robitussin cough syrup" |
| 853.55,3,VET VIEW ADD MEDICATION | VET VIEW ADD MEDICATION | Free Text | 4.5.7.3.102 |  |
| 853.55,4,VET PLANS TO DISCUSS ADD MED | VET PLANS TO DISCUSS ADD MED | Set | 4.5.7.3.103 | TEST(159)="VET PLANS TO DISCUSS ADD MED^1,1^Y" |
| 853.55,5,ADD MED FREQUENCY (PATIENT) | ADD MED FREQUENCY (PATIENT) | Free Text | 4.5.7.3.104 | TEST(160)="ADD MED FREQUENCY (PATIENT)^1,1^DAILY IN MORNRING" |
| 853.55,6,ADD MED DIRECTIONS (PATIENT) | ADD MED DIRECTIONS (PATIENT) | Free Text | 4.5.7.3.105 | TEST(161)="ADD MED DIRECTIONS (PATIENT)^1,1^2 PILLS" |
| 853.55,7,ADD MED COMMENTS STAFF-VIEW | ADD MED COMMENTS STAFF-VIEW | Word-Processing | 4.5.7.3.106 | TEST(162)="ADD MED COMMENTS STAFF^1,1^ADVIL 200 MG FOR HEADACHE, PRN" |
| 853.55,9,ADD MEDS-MARK FOR FOLLOW-UP | ADD MEDS-MARK FOR FOLLOW-UP | Set | 4.5.7.3.107 | TEST(164)="ADD MEDS-MARK FOR FOLLOW-UP^1,1^S" |
| 853.55,11,ADD MED TIME (PATIENT) | ADD MED TIME (PATIENT) | Free Text | 4.5.7.3.108 | TEST(166)=”ADD MED TIME (PATIENT)^1,1^5” |
| 853.55,12,ADD MED COMMENTS VET-VIEW | ADD MED COMMENTS VET-VIEW | Word-Processing | 4.5.7.3.109 | TEST(167)=ADD MED COMMENTS-VET VIEW^1,1^”TAKE 2 ADVIL FOR HEADACHE AS NEEDED” |

Table 27 – VPS WRITE MRAR PDO RPC Output Parameters

|  |  |
| --- | --- |
| Output | Example Description |
| local ARRAY that returns the outcome of the remote procedure.  Successful update will append status code of ‘1” at the end of the input data (field and value pair)  Failed update will append status code of ’99^exception message’ at the end of the input data. | TEST(158)="STAFF VIEW ADD MEDICATION^1,1^Robitussin cough syrup^1"  TEST(159)="VET PLANS TO DISCUSS ADD MED^1,1^X^99^exception" |

### VPS GET MRAR PDO RPC

Table 28 – VPS GET MRAR PDO RPC Input Parameters

|  |  |
| --- | --- |
| Field Name | Example Description |
| Patient DFN | 123 |

Table 29 – VPS GET MRAR PDO RPC Fields

| **Field Name & Location** | **VPS Required Data Field** | **Data Type** | **Req #** | **Example Description** |
| --- | --- | --- | --- | --- |
| The following fields are retrieved to produce PDO: |  |  |  |  |
| 853.51,21,MRAR CONDUCTED WITH | MRAR CONDUCTED WITH | Free Text | 4.5.7.4.1 | It is a report |
| 853.52,16,ALLERGY-MARK FOR FOLLOWUP | ALLERGY-MARK FOR FOLLOWUP | Free Text | 4.5.7.4.2 | It is a report |
| 853.52,.06,PATIENT RESPONSE | PATIENT RESPONSE | Free Text | 4.5.7.4.3 | It is a report |
| 853.52,.05,ALLERGY NAME | ALLERGY NAME | Free Text | 4.5.7.4.4 | It is a report |
| 853.57,.03,REACTION NAME | REACTION NAME | Free Text | 4.5.7.4.5 | It is a report |
| 853.52,2,ALLERGY COMMENTS STAFF VIEW | ALLERGY COMMENTS STAFF VIEW | Free Text | 4.5.7.4.6 | It is a report |
| 853.52,3,ALLERGY COMMENTS VET VIEW | ALLERGY COMMENTS VET VIEW | Free Text | 4.5.7.4.7 | It is a report |
| 853.52,.09,STATION ID | STATION ID | Free Text | 4.5.7.4.8 | It is a report |
| 853.53,4,ADD ALLERGY-MARK FOR FOLLOWUP | ADD ALLERGY-MARK FOR FOLLOWUP | Free Text | 4.5.7.4.9 | It is a report |
| 853.53,1.5,ADD ALLERGY-PROVIDER | ADD ALLERGY-PROVIDER | Free Text | 4.5.7.4.10 | It is a report |
| 853.53,2,ADD ALLERGY REACTION (STAFF) | ADD ALLERGY REACTION (STAFF) | Free Text | 4.5.7.4.11 | It is a report |
| 120.8,.02,REACTANT | REACTANT | Free Text | 4.5.7.4.12 | It is a report |
| 120.81,.01,REACTION | REACTION | Free Text | 4.5.7.4.13 | It is a report |
| 853.54,2,PROVIDER NAME | PROVIDER NAME | Free Text | 4.5.7.4.14 | It is a report |
| 853.54,3,FILL LOCATION | FILL LOCATION | Free Text | 4.5.7.4.15 | It is a report |
| 853.54,4,LAST FILL DATE | LAST FILL DATE | Date/Time | 4.5.7.4.16 | It is a report |
| 853.54,5,DAYS SUPPLIED | DAYS SUPPLIED | Free Text | 4.5.7.4.17 | It is a report |
| 853.54,6,# REFILLS LEFT | # REFILLS LEFT | Numeric | 4.5.7.4.18 | It is a report |
| 853.54,7,NEXT FILL DATE (except for Expired/Discontinued meds) | NEXT FILL DATE (except for Expired/Discontinued meds) | Date/Time | 4.5.7.4.19 | It is a report |
| 853.54,10,MEDICATION NAME | MEDICATION NAME | Free Text | 4.5.7.4.20 | It is a report |
| 853.54,11,MR PRESET PATIENT RESPONSE | MR PRESET PATIENT RESPONSE | Free Text | 4.5.7.4.21 | It is a report |
| 853.54,16,MEDS-MARK FOR FOLLOWUP | MEDS-MARK FOR FOLLOWUP | Free Text | 4.5.7.4.22 | It is a report |
| 853.54,13,PATIENT INSTRUCTIONS (SIG) | PATIENT INSTRUCTIONS (SIG) | Free Text | 4.5.7.4.23 | It is a report |
| 853.54,22,MAX REFILLS | MAX REFILLS | Numeric | 4.5.7.4.24 | It is a report |
| 853.54,23,MEDICATION COMMENTS PATIENT | MEDICATION COMMENTS PATIENT | Free Text | 4.5.7.4.25 | It is a report |
| 853.54,24,MEDICATION COMMENTS STAFF VIEW | MEDICATION COMMENTS STAFF VIEW | Free Text | 4.5.7.4.26 | It is a report |
| 853.54,25,MEDICATION COMMENTS VET VIEW | MEDICATION COMMENTS VET VIEW | Free Text | 4.5.7.4.27 | It is a report |
| 52, 4, PROVIDER | 52, 4, PROVIDER | Free Text | 4.5.7.4.28 | It is a report |
| 52, 6, DRUG | DRUG | Free Text | 4.5.7.4.29 | It is a report |
| 52, 8, DAYS SUPPLY | DAYS SUPPLY | Numeric | 4.5.7.4.30 | It is a report |
| 52, 9, # OF REFILLS | 52, 9, # OF REFILLS | Numeric | 4.5.7.4.31 | It is a report |
| 52, 22, FILL DATE | FILL DATE | Date/Time | 4.5.7.4.32 | It is a report |
| 52, 100, STATUS | STATUS | Free Text | 4.5.7.4.33 | It is a report |
| 52.1, .01, REFILL DATE | REFILL DATE | Date/Time | 4.5.7.4.34 | It is a report |
| 52.04, .01, SIG | SIG | Free Text | 4.5.7.4.35 | It is a report |
| 853.53,1,ADD ALLERGY-VET | ADD ALLERGY-VET | Free Text | 4.5.7.4.36 | It is a report |
| 853.51,19,OTH ALLERGY UNK PATIENT | OTH ALLERGY UNK PATIENT | Free Text | 4.5.7.4.37 | It is a report |
| 853.55,1,PATIENT-FACING ADD MEDICATION | PATIENT-FACING ADD MEDICATION | Free Text | 4.5.7.4.38 | It is a report |
| 853.55,4,VET PLANS TO DISCUSS ADD MED | VET PLANS TO DISCUSS ADD MED | Free Text | 4.5.7.4.39 | It is a report |
| 853.55,5,ADD MED FREQUENCY (PATIENT) | ADD MED FREQUENCY (PATIENT) | Free Text | 4.5.7.4.40 | It is a report |
| 853.55,6,ADD MED DIRECTIONS (PATIENT) | ADD MED DIRECTIONS (PATIENT) | Free Text | 4.5.7.4.41 | It is a report |

Table 30 ‒ VPS GET MRAR PDO RPC Output Parameters

|  |  |
| --- | --- |
| Output | Example Description |
| global array with each subscript in the array assigned a line of text representing clinical data (allergy and medications) associated with the results of a MRAR with the veteran, which represents a fully formatted note when rendered to the client screen in Vetlink. There are 2 versions of the note that can be produced. There is the PATIENT ENTERED note which represents the MRAR session as performed in the patient | ^TMP("VPSPDO1",542962229,1,0)="PATIENT FACILITATED ALLERGY MEDICATION REVIEW: Nov 29, 2012@00:38:18 "  ^TMP("VPSPDO1",542962229,2,0)="\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_"  ^TMP("VPSPDO1",542962229,3,0)="REVIEW CONDUCTED WITH: SPOUSE "  ^TMP("VPSPDO1",542962229,4,0)="\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_"  ^TMP("VPSPDO1",542962229,5,0)=" \*\*\* ALLERGIES \*\*\* ALLERGIES \*\*\* "  ^TMP("VPSPDO1",542962229,6,0)="" |

### VPS UPDATE LAST MRAR TIU IEN

Table 31 – VPS Update Last MRAR TIU IEN Input Parameters

|  |  |
| --- | --- |
| Field Name | Example Description |
| TIU NOTE IEN | 123 |

Table 32 ‒ VPS Update Last MRAR TIU EIN Update Field

|  |  |
| --- | --- |
| Output | Example Description |
| VPSRSLT the results of processing and passed in by reference  successful update VPSRSLT = 1  Failure VPSRSLT = 0^exception message | TIU NOTE IEN (853.51, 105) |

### TIU REQUIRES COSIGNATURE

Table 33 ‒ TIU REQUIRES COSIGNATURE Details

| Information | Req # | Example Description |
| --- | --- | --- |
| Evaluate co-signature requirement  M: REQCOS^TIUSRVA(TIUY,TIUTYP,TIUDA,TIUSER,TIUDT)  ICR# 1800  **INPUT/OUTPUT**  TIUY = single value by reference. 1 means TIU requires co-signature, 0 otherwise.  **INPUT**  TIUTYP = Title IEN. This value should be the selected Title IEN from the list of TIU LONG LIST OF TITLES.  TIUDA = TIU Note IEN (optional). This value is used to get Title IEN if TIU Note IEN is known and Title IEN is unknown.  TIUUSER = user (optional) Default is DUZ (current user)  TIUDT = Reference Date (optional) | 4.5.7.6.1 | D REQCOS^TIUSRVA(.TIUY,1369)  RESULT  TIUY = 0 🡪 Co-signature is not required |

### TIU CREATE RECORD

Table 34 ‒ TIU CREATE RECORD Details

|  |  |  |
| --- | --- | --- |
| Information | Req # | Example Description |
| Create TIU Document/Note  M: MAKE^TIUSRVP(SUCCESS,DFN,TITLE,VDT,VLOC,VSIT,TIUX,VSTR,SUPPRESS,NOASF)  ICR# 1806  **INPUT/OUTPUT**  SUCCESS = single value by reference  Successfully create the note, rpc will return TIU DOCUMENT IEN  Failed to create the note, rpc will return 0^Explanatory message  **INPUT**  DFN = Patient (#2)  TITLE = TIU TITLE IEN  VDT = Date(/Time) of Visit (optional)  VLOC = Visit Location (HOSPITAL LOCATION) (optional)  VSIT = Visit file ien (#9000010) (optional)  TIUX = (by ref) array containing the TIU Notes. | 4.5.7.6.2 | DFN = 1311, TITLE = 1369, SUPPRESS = 0 TIUX("TEXT",1,0)="PATIENT FACILITATED ALLERGY MEDICATION REVIEW: Nov 29, 2012@00:38:18 " TIUX("TEXT",2,0)="\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_" TIUX("TEXT",3,0)="REVIEW CONDUCTED WITH: SPOUSE "  TIUX("TEXT",4,0)="\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_" TIUX("TEXT",5,0)=" \*\*\* ALLERGIES \*\*\* ALLERGIES \*\*\* "  D MAKE^TIUSRVP(.RESULT,DFN,TITLE,,,,.TIUX,,SUPPRESS)  RESULT  RESULT = 525  File #8925.02, Field #.01  ^TIU(8925,525,0)=1369^1311^^1361^5^^3130110.134457^^^4^^^E  ^TIU(8925,525,12)=3130110.134457^0^^0^^^^^^^^0  ^TIU(8925,525,13)=3130110.134457^0^R^3130110.134457 |

### TIU SET DOCUMENT TEXT

Table 35 ‒ TIU SET DOCUMENT TEXT Details

| Information | Req # | Example Description |
| --- | --- | --- |
| This RPC buffers the transmittal of text (i.e., the body of TIU Documents) from the Client to the Server. It allows documents of indefinite size to be filed, without risk of an allocate error on the M Server.  M: SETTEXT^TIUSRVPT(TIUY,TIUDA,TIUX,SUPPRESS)  ICR# 3763  INPUT/OUTPUT  TIUY : single value reference  Successful result : TIUDA ^ PAGE ^ PAGES  Failed result : 0^0^0^exception message  INPUT  TIUDA : TIU DOCUMENT IEN  TIUX : text array containing the text document to save.  SUPPRESS :  value of 1 will suppress the save to the document. It will only save it to a temporary storage (buffer)  Value of 0 will store the buffer to the file. | 4.5.7.6.3 | Since TIU document can be large, caller might need to make multiple calls to this RPC. Let’s say, there are 500 lines of text need to be saved for TIU DOCUMENT IEN #99, to avoid the risk of memory error on the M Server, caller might want to send only 100 lines per call. In this particular case, caller will make the following rpc calls  First call - TIUDA = 99, SUPPRESS = 1  TIUX(“HDR”)=1^5 -- comment (page 1 of 5)  TIUX(“TEXT”,1,0) = line 1  TIUX(“TEXT”,2,0) = line 2  ….  TIUX(“TEXT”,100,0) = line 100  Second call - TIUDA = 99, SUPPRESS = 1  TIUX(“HDR”)=2^5 -- comment (page 2 of 5)  TIUX(“TEXT”,101,0) = line 101  TIUX(“TEXT”,102,0) = line 102  ….  TIUX(“TEXT”,200,0) = line 200 |

### TIU SIGN RECORD

Table 36 ‒ TIU SIGN RECORD Details

|  |  |  |
| --- | --- | --- |
| Information | Req # | Example Description |
| This rpc performs user's electronic signature to a TIU document while evaluating authorization, and validating the user's electronic signature.  M: SIGN^TIUSRVP (ERR,TIUDA,TIUX)  ICR# 3718  INPUT/OUTPUT  ERR : single value by reference  Successful result : 0  Failed result : "89250004^signature error exception” or "89250005^decrypted exception”  INPUT  TIUDA : TIU DOCUMENT IEN to sign  TIUX : encrypted e-signature | 4.5.7.6.4 | TIUDA = 525 ------ -> TIU NOTE IEN  TIUX = <Encrypted Signature for the user>  D SIGN^TIUSRVP(.RESULT,TIUDA,TIUX)  RESULT  RESULT = 0 ------------🡪 (successful)  File #8925, field #1501 (Signature Date Time), #1502 (Signed By), #1503(Signature Block Name), #1504 (Signature Block Title), #1505 (Signature Mode)  ^TIU(8925,525,15)=3130110.150358^126^~ qzsOnQ9csx;BwQc<H)Z2SO>xb|/NR^^E |

### TIU LONG LIST OF TITLES

Table 37 ‒ TIU LONG LIST OF TITLES Details

| Information | Req # | Example Description |
| --- | --- | --- |
| Return the next 44 records of TIU TITLES start from the given text (FROM).  M: LONGLIST^TIUSRVD(Y, CLASS, FROM, DIR, IDNOTE)  ICR# 3204  INPUT/OUTPUT  Y = list by reference  Y(1..n) = title ien ^ title names  INPUT  CLASS = 3 (Progress Note) //pointer to class in 8925.1  FROM = text where the next 44 records will be returned to caller  DIR = ascending/descending order. optional – default to 1.  Valid value: 1 (Ascending order) or -1 (descending order)  IDNOTE = valid value: 1or empty. If 1, only include title that user (DUZ) can link (attach) a document to the title. | 4.5.7.6.5 | List the first 44 records of Progress Note TIU TITLES in ascending order  D LONGLIST^TIUSRVD(.Y, 3, “”, 1,)  RESULT  File #8925.1 Fields .001, .01,.02  Y(1)="115^1213 <INTERSERVICE TRANSFER (VAF 10-1213.N4)>"  Y(2)="138^ADDENDUM <SIGNED PROGRESS NOTE WITH UNSIGNED ADDENDUM>" |

# Attachment A - Approval Signatures

This section is used to document the approval of the ICD.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Signed: Date:   
Colleen Meyer  
Deputy Director, OIT EVEAH

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Signed: Date:   
Gary Pickwoad  
Project Manager, VPS

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Signed: Date:   
Aiden Barr  
Deputy Director, VPS (CBO)