Camp Lejeune-Veterans (CL-V)

Increment 4

VistA

Scheduling/Ambulatory Care V. 5.3

Patch SD\*5.3\*631

System Design Document



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Table of Contents

[1. Introduction 1](#_Toc451263117)

[1.1. Scope 1](#_Toc451263118)

[1.2. User Profiles 1](#_Toc451263119)

[2. Background 1](#_Toc451263120)

[2.1. Overview of the System 2](#_Toc451263121)

[2.2. Overview of the Business Process 2](#_Toc451263122)

[2.3. Overview of the Significant Requirements 3](#_Toc451263123)

[3. Conceptual Design 4](#_Toc451263124)

[3.1. Conceptual Application Design 4](#_Toc451263125)

[3.1.1. Application Context 4](#_Toc451263126)

[3.1.2. High-Level Application Design 6](#_Toc451263127)

[3.1.3. Application Locations 6](#_Toc451263128)

[3.2. Conceptual Data Design 6](#_Toc451263129)

[3.2.1. Project Conceptual Data Model 7](#_Toc451263130)

[3.2.2. Database Information 7](#_Toc451263131)

[3.2.3. User Interface Data Mapping 7](#_Toc451263132)

[3.3. Conceptual Infrastructure Design 7](#_Toc451263133)

[3.3.1. System Criticality and High Availability 7](#_Toc451263134)

[3.3.2. Special Technology 8](#_Toc451263135)

[3.3.3. Technology Locations 8](#_Toc451263136)

[3.3.4. Conceptual Infrastructure Diagram 9](#_Toc451263137)

[4. System Architecture 9](#_Toc451263138)

[4.1. Hardware Architecture 9](#_Toc451263139)

[4.2. Software Architecture 9](#_Toc451263140)

[4.3. Network Architecture 9](#_Toc451263141)

[4.4. Service Oriented Architecture / ESS 9](#_Toc451263142)

[4.5. Enterprise Architecture 9](#_Toc451263143)

[5. Data Design 9](#_Toc451263144)

[5.1. DBMS Files 10](#_Toc451263145)

[5.2. Non-DBMS Files 10](#_Toc451263146)

[5.3. Data View 10](#_Toc451263147)

[6. Detailed Design 10](#_Toc451263148)

[6.1. Hardware Detailed Design 10](#_Toc451263149)

[6.2. Software Detailed Design 10](#_Toc451263150)

[6.2.1. Conceptual Design 10](#_Toc451263151)

[6.2.2. Specific Requirements 12](#_Toc451263152)

[6.3. Network Detailed Design 60](#_Toc451263153)

[6.4. Security and Privacy 60](#_Toc451263154)

[6.4.1. Security 60](#_Toc451263155)

[6.4.2. Privacy 60](#_Toc451263156)

[6.5. Service Oriented Architecture / ESS Detailed Design 60](#_Toc451263157)

[6.5.1. Service Description 60](#_Toc451263158)

[6.5.2. Service Design 60](#_Toc451263159)

[7. External System Interface Design 63](#_Toc451263160)

[7.1. Interface Architecture 63](#_Toc451263161)

[7.2. Interface Detailed Design 63](#_Toc451263162)

[8. Human-Machine Interface 63](#_Toc451263163)

[8.1. Interface Design Rules 64](#_Toc451263164)

[8.2. Inputs 64](#_Toc451263165)

[8.3. Outputs 64](#_Toc451263166)

[8.4. Navigation Hierarchy 64](#_Toc451263167)

[8.4.1. Screen [x.1] 64](#_Toc451263168)

[8.4.2. Screen [x.2] 64](#_Toc451263169)

[8.4.3. Screen [x.3] 64](#_Toc451263170)

[9. Attachment A – Approval Signatures 65](#_Toc451263171)

[A.1. Identification of Technology and Standards 66](#_Toc451263172)

[A.2. Constraining Policies, Directives and Procedures 66](#_Toc451263173)

[A.3. Requirements Traceability Matrix 66](#_Toc451263174)

[A.4. Packaging and Installation 66](#_Toc451263175)

[A.5. Design Metrics 67](#_Toc451263176)

List of Tables

[Table 1: Overview of Significant Requirements for Scheduling/Ambulatory Care Patch 3](#_Toc451263177)

[Table 2: (Grouping): Application Context Description 5](#_Toc451263178)

[Table 3 (Grouping): Objects in the High Level Application Design 6](#_Toc451263179)

[Table 4: Application Locations 6](#_Toc451263180)

[Table 5: Application Users 6](#_Toc451263181)

[Table 6: Database Inventory 7](#_Toc451263182)

[Table 7: Screen Description 7](#_Toc451263183)

[Table 8: Special Technology Requirements 8](#_Toc451263184)

[Table 9 (Grouping): Technology Location Details 8](#_Toc451263185)

[Table 10: Applicable ICRs 11](#_Toc451263186)

[Table 11: SDCO22 Routine 13](#_Toc451263187)

[Table 12: SDCO21 Routine 16](#_Toc451263188)

[Table 13: SDPPAT2 Routine 18](#_Toc451263189)

[Table 14: SDPCE Routine 20](#_Toc451263190)

[Table 15: SDPPAT1 Routine 22](#_Toc451263191)

[Table 16: SDCO0 Routine 24](#_Toc451263192)

[Table 17: SDAMEP2 Routine 26](#_Toc451263193)

[Table 18: SCRPW25 Routine 28](#_Toc451263194)

[Table 19: SCRPW24 Routine 30](#_Toc451263195)

[Table 20: SCRPW23 Routine 32](#_Toc451263196)

[Table 21: SCDXUTL0 Routine 35](#_Toc451263197)

[Table 22: SCMSVZEL Routine 37](#_Toc451263198)

[Table 23: SDAPICO1 Routine 40](#_Toc451263199)

[Table 24: SDCO2 Routine 41](#_Toc451263200)

[Table 25: SCCVPCE Routine 43](#_Toc451263201)

[Table 26: SCDXMSG1 Routine 44](#_Toc451263202)

[Table 27: SCMSVUT3 Routine 48](#_Toc451263203)

[Table 28: Data Entries Affected by the Design 49](#_Toc451263204)

[Table 29: Unique Record ID 49](#_Toc451263205)

[Table 30: File or Global Size Changes 51](#_Toc451263206)

[Table 31 (Grouping): Mail Groups 52](#_Toc451263207)

[Table 32 (Grouping): Security Keys 52](#_Toc451263208)

[Table 33 (Grouping): Options 53](#_Toc451263209)

[Table 34 (Grouping): Protocols 54](#_Toc451263210)

[Table 35: RPCs 55](#_Toc451263211)

[Table 36: Constants Defined in Interface 55](#_Toc451263212)

[Table 37: Variables Defined in Interface 55](#_Toc451263213)

[Table 38: Types Defined in Interface 55](#_Toc451263214)

[Table 39: GUI 55](#_Toc451263215)

[Table 40: GUI Classes 56](#_Toc451263216)

[Table 41: Components on Form 56](#_Toc451263217)

[Table 42: Events 56](#_Toc451263218)

[Table 43: Methods 56](#_Toc451263219)

[Table 44: Special References 56](#_Toc451263220)

[Table 45: Class Events 57](#_Toc451263221)

[Table 46: Class Methods 57](#_Toc451263222)

[Table 47: Class Properties 57](#_Toc451263223)

[Table 48 (Grouping): Forms 57](#_Toc451263224)

[Table 49 (Grouping): Functions 57](#_Toc451263225)

[Table 50: Dialog 58](#_Toc451263226)

[Table 51 (Grouping): Help Frame 59](#_Toc451263227)

[Table 52 (Grouping): HL7 Application Parameter 59](#_Toc451263228)

[Table 53 (Grouping): HL7 Logical Link 59](#_Toc451263229)

[Table 54: COTS Interface 60](#_Toc451263230)

[Table 55: Service Identification 61](#_Toc451263231)

[Table 56: Service Versions 61](#_Toc451263232)

[Table 57: Operations 62](#_Toc451263233)

[Table 58: Gap Analysis 63](#_Toc451263234)

List of Figures

[Figure 1: Camp Lejeune Context Diagram – VistA 5](#_Toc451263235)

# Introduction

Public Law 112-154 was enacted to furnish the Department of Veterans Affairs (VA) medical services and hospital care to Veterans stationed at Camp Lejeune between August 1, 1953 and December 31, 1987. Veterans serving at this location for at least 30 days may suffer from medical conditions and / or illnesses arising from their exposure to water contaminated by hazardous chemicals.

Software enhancements to the Veterans Health Information Systems and Technology Architecture (VistA) and to the centralized Health Eligibility Center (HEC) Enrollment System Core (ESC) are required for maintaining the Camp Lejeune-Veterans (CL-V) support information in the Veteran records. This implies that enhancements to the Health Level 7 (HL7) messaging between VistA and ESC, as well as other external consumers of CL-V data are also required as part of the software development effort.

The purpose of this System Design Document (SDD) is to outline the design specifications for the CL-V project for the VistA Scheduling/Ambulatory Care Transmission application. The change to Scheduling/Ambulatory Care will be done via patch SD\*5.3\*631. Wherever the Scheduling/Ambulatory Care patch is referenced in this SDD, it is for Scheduling patch SD\*5.3\*631.

## Scope

For detailed information, refer to the Camp Lejeune PL 112-154 System Changes to Support Provisions Affecting Veterans BRD (Business Requirements Document) v10 located on CL-V Technical Services Project Repository (TSPR).

VistA Scheduling provides the tools to manage the scheduling and reporting of patient appointments. Users of the Scheduling application shall be provided the ability to indicate if the treatment is related to Camp Lejeune for those patients who have claimed or reported Camp Lejeune water contaminant exposure and whose Camp Lejeune status is active.

The Ambulatory Care (AmbCare) product enhances the process of collecting and storing encounter-based clinical, diagnostic, and administrative outpatient and inpatient data for daily transmissions to the Corporate Data Center and Operations (CDCO) at the Austin Information Technology Center (AITC). Transmitted data is filed in the National Patient Care Database (NPCDB).

## User Profiles

The Scheduling Staff or equivalent and coding staff will be the initial contact for the Veteran, and will be the primary users of the Scheduling/Ambulatory Care application. These individuals manually perform the tasks associated with the Scheduling/Ambulatory Care applications, and are already familiar with how to establish and track environmental indicators, of which CL-V is one.

# Background

This section provides an overview of the system, business processes, and business benefits.

## Overview of the System

In order to fulfill the legislative requirements, implementation of Camp Lejeune system changes from the front-end applications for point of entry, through the back office processing of Camp Lejeune related care, are required.

The CL-V project implements system changes through front-end applications as well as back office [e.g., Integrated Billing (IB), Office of Policy and Planning (OPP) reporting, and Managerial Cost Accounting (MCA), etc.].

The first phase of the CL-V project addressed the front-end applications involved in Veterans Health Administration (VHA) Eligibility and Enrollment of Camp Lejeune–eligible Veterans; this was accomplished during Increment 3 of the CL-V project. The second phase of the initiative, Increment 4, addresses the downstream clinical, administrative, and back office processing of services related to the Camp Lejeune–eligible Veterans’ healthcare. Scheduling/Ambulatory Care is one of the applications that handles the back office processing of services affected by Increment 4.

Scheduling/Ambulatory Care users will be able to enter/edit Camp Lejeune Eligibility information as it relates to a Veteran's encounter via the following options:

* SCHEDULING MANAGER'S MENU SDMGR Scheduling Manager's Menu
* AMBULATORY CARE NIGHTLY TRANSM SCDX AMBCAR NIGHTLY XMIT
* AMBULATORY CARE REPORTING MENU SCDX AMBCAR REPORTING

For those Veterans who are eligible, Scheduling/Ambulatory Care captures whether that patient’s encounter was related to Camp Lejeune exposure. This information is stored and transmitted as required by the Scheduling/Ambulatory Care system. Appropriate users can also view a patient’s Camp Lejeune information contained in the encounter record. Ambulatory Care transmission to the Austin Information Technology Center (AITC) via MailMan has been modified to transmit a patient’s Camp Lejeune status to AITC.

A detailed description of the changes required with the Scheduling/Ambulatory patch can be found in Table 3, items 2.6.3.1 through 2.6.3.12 and Table 4, items 2.6.4.1 through 2.6.4.5 in the CL-V Increment 4 VistA RSD (Requirements Specification Document) on CL-V TSPR.

## Overview of the Business Process

VistA Scheduling provides the tools to manage the scheduling and reporting of patient appointments. When the VistA Scheduling application is used to manage outpatient encounters, users will need to indicate if the treatment is related to Camp Lejeune for those patients who have reported Camp Lejeune eligibility.

The VistA Ambulatory Care (AmbCare) product enhances the process of collecting and storing encounter-based clinical, diagnostic, and administrative outpatient and inpatient data for daily transmissions to the Corporate Data Center and Operations (CDCO) at the Austin Information Technology Center (AITC). The AmbCare daily transmissions and reporting will include Veteran Registration Camp Lejeune Eligibilities as well as Camp Lejeune related patient care encounters.

See details of the requirements and updated user interfaces in Section 2.6.3 and 2.6.4 of the CL-V Increment 4 VistA RSD, found on CL-V TSPR.

The CL-V Increment 4 RTM (Requirements Traceability Matrix), found on CL-V TSPR, contains a tab for Scheduling and a tab for Ambulatory Care with a listing of all Scheduling/Ambulatory Care requirements linked to the Business Needs found on CL-V TSPR.

## Overview of the Significant Requirements

The RSD for the CL-V Increment 4 applications is the CL-V Increment 4 VistA RSD, found on the CL-V TSPR site.

Table 1 provides an overview of the significant requirements for patch SD\*5.3\*631.

Table : Overview of Significant Requirements for Scheduling/Ambulatory Care Patch

| ID | Requirement |
| --- | --- |
| 2.6.3.1 | VistA shall update the Encounter Procedure Screen to include the Camp Lejeune Exposure response |
| 2.6.3.2 | Add and store a new Camp Lejeune field to VistA Scheduling |
| 2.6.3.3 | Add a Camp Lejeune Classification question to VistA Scheduling |
| 2.6.3.4 | Provide Camp Lejeune Classification Question Help Text in VistA Scheduling |
| 2.6.3.5 | Add Camp Lejeune to VistA Scheduling Patient Profile Screen |
| 2.6.3.6 | Add Camp Lejeune to VistA Scheduling Expanded Profile Screen |
| 2.6.3.7 | Provide the capability to add or edit a standalone Encounter |
| 2.6.3.8 | Provide the ability to modify the Checkout Interview process |
| 2.6.3.9 | Modify Diagnosis Update process in VistA Scheduling |
| 2.6.3.10 | Modify the Edit Classification protocol in VistA Scheduling |
| 2.6.3.11 | Modify the Encounter Procedure Update protocol in VistA Scheduling |
| 2.6.3.12 | The Encounter Procedures screen will include the Camp Lejeune classification when indicated for the associated diagnosis |
| 2.6.4.1 | VistA will send Camp Lejeune Eligibility information in its daily transmission to AITC via HL7 messaging |
| 2.6.4.2 | Provide HL7 Error Code messages in the ZEL instance for missing Camp Lejeune Information |
| 2.6.4.3 | VistA shall enhance the Ambulatory Care Reporting Program (ACRP) Ad Hoc Report to include the Camp Lejeune Class. |
| 2.6.4.4 | VistA shall provide the capability to search for incomplete encounters using the *Correct Incomplete Encounters* menu option and entering a Camp Lejeune error code. |
| 2.6.4.5 | By selecting the RETRANSMIT SELECTED ERROR CODE option, users shall be able to re-flag encounter activity with a Camp Lejeune error code for transmission to AITC. |

**Functional and Workload Requirements**

It is expected that functional workload will be the equivalent of current workload and existing performance system requirements:

* There is no anticipated increased user base or increased transaction volume being introduced with this project.
* No new user interfaces are being added or removed with this project. Modification of existing user interfaces to accommodate the new CL-V data fields should have no impact on user response times or system performance.
* Existing interfaces and communication methods are being used to send additional CL-V data fields to the external system at the Austin Information Technology Center. The new data fields should not impact VA network or VistA MailMan servers in any way.

**Security and Privacy Requirements**

There are no special security or privacy requirements that are unique to this project.

**System Criticality and High Availability Requirements**

This is an enhancement to an existing VistA legacy system (Scheduling/Ambulatory Care). There will not be any changes to the required level of availability and disaster recovery currently in place for the existing legacy system.

**Single Sign-on Requirement**

This is an enhancement to an existing VistA legacy system (Scheduling/Ambulatory Care), and pre-existing standard sign-on applies.

**Requirement for Use of Enterprise Portals**

This is an enhancement to an existing VistA legacy system (Scheduling/Ambulatory Care). Modifications will be made to the existing roll and scroll user interface, and there will not be any new user interfaces introduced that require use of Enterprise Portals.

**Special Device Requirements**

No special devices are required for this enhancement.

**Technical Requirements**

There are no applicable technical requirements for this project.

# Conceptual Design

## Conceptual Application Design

This section provides an overview of the conceptual application design.

### Application Context

The context diagram below shows the application context of the components related to this specific release.

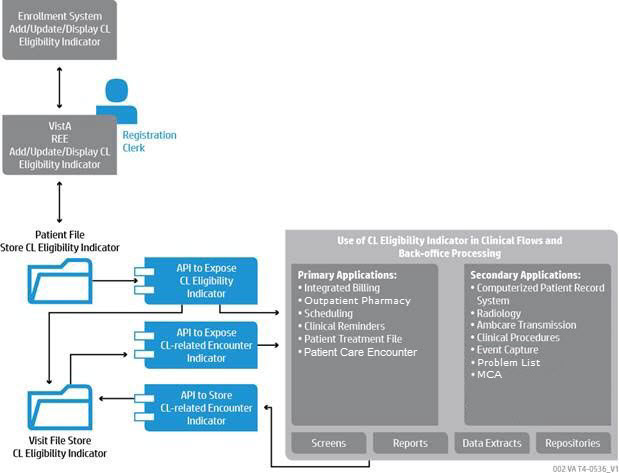


Figure : Camp Lejeune Context Diagram – VistA

Table : (Grouping): Application Context Description

Object

| ID | Name | Description | Interface Name | Interface System |
| --- | --- | --- | --- | --- |
| N/A | N/A | N/A | N/A | N/A |

Interfaces External to OI&T

| ID | Name | Related Object | Input Messages | Output Messages | External Party |
| --- | --- | --- | --- | --- | --- |
| N/A | N/A | N/A | N/A | N/A | N/A |

Interfaces Internal to OI&T

| ID | Name | Related Object | Input Messages | Output Messages | External Party |
| --- | --- | --- | --- | --- | --- |
| N/A | N/A | N/A | N/A | N/A | N/A |

Externally Shared Data Stores

| ID | Name | Data Stored | | | | Owner | Access |
| --- | --- | --- | --- | --- | --- | --- | --- |
| N/A | N/A | | N/A | N/A | N/A | | N/A |

### High-Level Application Design

The CL-V Increment 4 modifications to the Scheduling/Ambulatory Care Transmission application have no impact to the existing high-level design of VistA.

Table (Grouping): Objects in the High Level Application Design

Objects / Components to be Built or Modified

| ID | Name | Description | Service or Legacy Code | External Interface Name | External Interface ID | Internal Interface Name | Internal Interface ID | SDP Sections 1&2 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |

Internal Data Stores

| ID | Name | Data Stored | Steward | Access |
| --- | --- | --- | --- | --- |
| N/A | N/A | N/A | N/A | N/A |

### Application Locations

The VistA Scheduling/Ambulatory Care application resides within the existing VistA systems and infrastructure servers. No change in this area is introduced.

Table : Application Locations

| Application Component | Description | Location at Which Component is Run | Type |
| --- | --- | --- | --- |
| N/A | N/A | N/A | N/A |

The VistA Scheduling/Ambulatory Care application users are shown below:

Table : Application Users

| Application Component | Location | User |
| --- | --- | --- |
| Scheduling/Ambulatory Care User Interface | VistA sites | Chief of Health Information Management (HIM) or equivalent and coding staff |

## Conceptual Data Design

This section is not applicable to this SDD.

### Project Conceptual Data Model

N/A

### Database Information

N/A

Table : Database Inventory

| Database Name | Description | Type | Steward |
| --- | --- | --- | --- |
| N/A | N/A | N/A | N/A |

### User Interface Data Mapping

There are no new user interfaces being created for this project. This project is making enhancements to existing user interfaces (menu options) within the Scheduling/Ambulatory Care application.

#### Application Screen Interface

N/A

##### GUI Screens

N/A

Table : Screen Description

| Graphical User Interface (GUI) Field | Table (Database Table that field connects to) | Field (Field in Table that the GUI field connects to) | Comments |
| --- | --- | --- | --- |
| N/A | N/A | N/A | N/A |

#### Application Report Interface

There is no Application Report Interface applicable to the Scheduling/Ambulatory Care application.

##### Report Names

There are no reports to mention, so there are no figures and tables in this section.

#### Unmapped Data Element

N/A

## Conceptual Infrastructure Design

There is no change in infrastructure for this release.

### System Criticality and High Availability

N/A

### Special Technology

N/A

Table : Special Technology Requirements

| Special Technology | Description | Notional Location | TRM Status |
| --- | --- | --- | --- |
| N/A | N/A | N/A | N/A |

### Technology Locations

The Scheduling/Ambulatory Care patches will be installed in each VA VistA instance by VA OI&T staff.

There are no specific components apart from VistA that the Scheduling/Ambulatory Care patch includes or adds. It is all legacy mainframe-based.

Table (Grouping): Technology Location Details

| Technology Component  Production 1 | Location | Usage |
| --- | --- | --- |
| Workstations | N/A | N/A |
| Special Hardware | N/A | N/A |
| Interface Processors | N/A | N/A |
| Legacy Mainframe | N/A | N/A |
| Legacy Application Server | N/A | N/A |
| Legacy Databases | N/A | N/A |
| Other | N/A | N/A |

| Technology Component  Production 2 | Location | Usage |
| --- | --- | --- |
| N/A | N/A | N/A |

| Technology Component  Certification | Location | Usage |
| --- | --- | --- |
| N/A | N/A | N/A |

| Technology Component  Education | Location | Usage |
| --- | --- | --- |
| N/A | N/A | N/A |

| Technology Component  Test | Location | Usage |
| --- | --- | --- |
| N/A | N/A | N/A |

| Technology Component  Development | Location | Usage |
| --- | --- | --- |
| N/A | N/A | N/A |

### Conceptual Infrastructure Diagram

No changes are being made to the infrastructure of the existing legacy VistA system.

#### Location of Environments and External Interfaces

The system will use existing locations and existing VistA technology.

#### Conceptual Production String Diagram

N/A

# System Architecture

There is no change in the System Architecture for this release.

## Hardware Architecture

There is no change in the Hardware Architecture for this release.

## Software Architecture

There is no change in the Software Architecture for this release.

## Network Architecture

There is no change in the Network Architecture for this release.

## Service Oriented Architecture / ESS

There is no change in the Service Oriented Architecture for this release.

## Enterprise Architecture

There is no change in the Enterprise Architecture for this release.

# Data Design

This section describes the data design (where applicable).

## DBMS Files

N/A

## Non-DBMS Files

N/A

## Data View

N/A

# Detailed Design

The Scheduling/Ambulatory Care patch has very little architectural impact on the overall VistA system, as it has similarities to other existing features such as Agent Orange, Shipboard Hazard and Defense (SHAD), etc., and uses similar design components to store and maintain.

## Hardware Detailed Design

There is no change in the Hardware for this release.

## Software Detailed Design

There is no change to the Software Detailed Design for this release.

### Conceptual Design

There is no change to the Conceptual Design for this release as all updates will adhere to the existing VistA design concepts, conventions, and guidelines.

#### Product Perspective

Existing Scheduling/Ambulatory Care software supports other environmental indicators such as Agent Orange and SHAD. The CL-V project uses the same business model and data structures to add the new functionality for tracking and utilizing the new Environmental Factor for CL-V.

The Scheduling/Ambulatory Care package also has existing messaging with existing environmental indicators to the external database at the Austin Information Technology Center (AITC) utilizing MailMan messaging.

##### User Interfaces

This project will modify existing Scheduling/Ambulatory Care roll and scroll user interfaces and users will continue to enter/edit data using the roll and scroll user interface. For details of screen changes, refer to Table 3 for Scheduling and Table 4 for Ambulatory Care of the CL-V Increment 4 VistA RSD, found on CL-V TSPR.

##### Hardware Interfaces

N/A

##### Software Interfaces

Table 10 lists the Integration Control Registrations (ICRs) applicable to this Scheduling/Ambulatory Care patch.

Table : Applicable ICRs

| **ICR** | **Custodian** | **Usage** | **Description** | **New/Modified** |
| --- | --- | --- | --- | --- |
| 10061 | Registration | Supported | VADPT is a utility routine designed to provide a central point where a programmer can obtain information concerning a patient's record. Supported entry points are provided which will return demographics, inpatient status, eligibility information, etc. | Modified |
| 1579 | Scheduling | Controlled | This IA is for the purpose of calling into routine ^SDCO22 to ask the classification questions such as Service Connected, Agent Orange, Ionizing Radiation and Environmental Contaminants. | Modified |
| 1300 | Scheduling | Private | The Patient Care Encounter Developers would like to request private permission to call the following entry points in routine SDCO21 with the purpose of obtaining outpatient classification requirements. IA #1301 is also associated with this request. | Modified |
| 4559 | Registration | Private | Supported call for building of HL7 ZCL repeated segment: ZCL - VA - Specific Outpatient Classification Segment for all existing Outpatient Classification Types. | Modified |

##### Communications Interfaces

Scheduling/Ambulatory Care has existing messaging with existing environmental indicators to the external database at the Austin Information Technology Center (AITC) utilizing MailMan messaging. This interface will be updated to include the new CL-V environmental indicator.

The Scheduling/Ambulatory Care package includes the following modifications for the AITC communication message (it does not change the existing communications interfaces functionality):

* Modify the daily transmission to Austin Information Technology Center (AITC) via Health Level 7 (HL7) messaging with Camp Lejeune Eligibility information in its ZEL segment.
* Provide HL7 Error Code messages in the ZEL instance for missing Camp Lejeune Information.
* Modify the Transmitted Outpatient Encounter Error List report to include Camp Lejeune encounters.

##### Memory Constraints

The effects of the CL-V data on the dynamic memory and disk storage is insignificant compared to the existing overall dynamic memory and disk storage for the Scheduling/Ambulatory Care package. There are no memory constraints given the nature of the addition. It uses existing features such as Agent Orange, SHAD, etc.

##### Special Operations

The project does not introduce or impact any special operations required by the user such as backup, recovery, and archiving operations.

#### Product Features

The Scheduling/Ambulatory Care patch does not add any new features. It adds an additional environmental prompt to existing functionality on screens listed under Requirement ID 2.6.3 and 2.6.4 in the CL-V Increment 4 VistA RSD, which is found on CL-V TSPR.

#### User Characteristics

The users are the Chief of Health Information Management (HIM) or equivalent and coding staff. They are the first contact points with the Veteran; they use the Scheduling/Ambulatory Care screens in VistA for setting environmental indicators such as Agent Orange, and perform all subsequent, related business processes.

#### Dependencies and Constraints

CL-V Increment 3 VistA Registration Eligibility and Enrollment (REE), in host file DG\_5\_3\_P909.KID containing patches DG\*5.3\*909 and IVM\*2.0\*161, must be in place so that Camp Lejeune eligibility can be displayed in the Registration application and help drive the related business processes.

Patient Care Encounter (PCE) patch PX\*1.0\*207 must be released and installed prior to PTF. PTF must be released and installed before Integrated Billing (IB) patch IB\*2.0\*544 and Scheduling/Ambulatory Care Transmission patch SD\*5.3\*631, as those applications are dependent upon PTF. Refer to sections 2 and 3 of the CL-V Increment 4 VistA Installation, Back-out, and Rollback Guide, found on CL-V TSPR, for detailed system requirements, pre-installation, and installation instructions.

### Specific Requirements

For specific requirements, see section 2.6.3 and section 2.6.4 in the CL-V Increment 4 VistA RSD, found on CL-V TSPR.

For an historical perspective, refer to the CL-V VistA Registration, Eligibility, and Enrollment (REE) Increment 3 System Design Document.

#### Database Repository

Database Repositories are related to relational databases which are not related to VistA. VistA relies on the Cache hierarchical database design.

#### System Features

The System Features are described in Section 2.6.3 and Section 2.6.4 of the Requirements Specification Document, CL-V Increment 4 VistA RSD, found on CL-V TSPR.

#### Design Element Tables

This section provides design element tables specifying the modifications to the Scheduling/Ambulatory Care software components

##### Routines (Entry Points)

The second line of each routine listed in this section will be modified to include the patch number “631” in the patch list.

**Example:**

SDCO22 ;ALB/RMO/MRY/ - Classification Cont. - Screen - Check Out;9 MAY 2005 1

1:15 PM ; 8/30/01 11:19am

;;5.3;Scheduling;\*\*150,222,244,325,394,441,544,**631**\*\*;Aug 13, 1993;Build 33

Table : SDCO22 Routine

| Routines | Activities | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Routine Name | SDCO22 | | | | | | | | |
| **Enhancement Category** | New | | Modify | Delete | | | | No Change | |
| **RTM** | 2.6.3.2.1, 2.6.3.7.1, 2.6.3.3.1.1 | | | | | | | | |
| **Related Options** | N/A | | | | | | | | |
| **Related Routines** | **Routines “Called By”** | | | | | | Routines “Called” | | |
|  | 101+43^DGPTR0  101+46^ DGPTRI0  PATCLAST+42^ECUERPC1  CHKOUT+30^IBDFDE0  CHKOUT+36^IBDFDE0  CHKOUT+40^IBDFDE0  CHKOUT+44^IBDFDE0  MST+1^IBDFDE0  ELIG+20^IBDFN  ELIG1+14^IBDFN  ELIG2+6^IBDFN  ELIG2+7^IBDFN  ELIG2+8^IBDFN  ELIG2+9^IBDFN  ELIGMST+6^IBDFN  ELIGSET+6^IBDFN  ASKMST+6^IBDFN2  ASKMST+7^IBDFN2  SKIP+3^PSOCP  SKIP+4^PSOCP  SKIP+5^PSOCP  SKIP+10^PSOCP  SC+3^PSOMLLD2  VEH+1^PSOMLLDT  RAD+1^PSOMLLDT  PGW+1^PSOMLLDT  CLV+1^PSOMLLDT  QST+6^PSOPTPST  QST+7^PSOPTPST  QST+8^PSOPTPST  QST+9^PSOPTPST  SCP+4^PSORN52D  VAL+4^PXBAPI22  RUN+20^PXRRMDR  RUN+21^PXRRMDR  RUN+22^PXRRMDR  RUN+23^PXRRMDR  RUN+24^PXRRMDR  RUN+25^PXRRMDR  RUN+27^PXRRMDR  RUN+29^PXRRMDR  PATCLASS+12^SCDXUTL0  PATCLASS+13^SCDXUTL0  PATCLASS+14^SCDXUTL0  PATCLASS+15^SCDXUTL0  PATCLASS+16^SCDXUTL0 PATCLASS+17^SCDXUTL0  PATCLASS+18^SCDXUTL0  PATCLASS+19^SCDXUTL0  PATCLASS+20^SCDXUTL0  CLAVET+13^SCMSVUT1  CLCV+12^SCMSVUT2  POST+29^SD53325  POST+45^SD53441 | | | | | | $$CVEDT^DGCV  $$GETSTAT^DGMSTAPI  $$GETCUR^DGNTAPI  $$GETSHAD^DGUTL3  $$DT^XLFDT | | |
| **Data Dictionary (DD) References** | ^AUPNVSIT  ^DIC(21  ^DIC(8  ^DIC(8.1  ^DPT(  ^PX(839.7  ^SCE(  ^SDD(409.42 | | | | | | | | |
| **Related Protocols** | N/A | | | | | | | | |
| **Related Integration Control Registrations (ICRs)** | 1579 | | | | | | | | |
| **Data Passing** | Input | Output Reference | | | Both | Global Reference | | | Local |
| **Input Attribute Name and Definition** | DFN - Patient File IEN  SDOE - Outpatient Encounter file IEN [Optional] | | | | | | | | |
| **Output Attribute Name and Definition** | 1 - Yes, 2 – No | | | | | | | | |
| Current Logic | | | | | | | | | |
| SDCO22 ;ALB/RMO/MRY - Classification Cont. - Screen - Check Out;9 MAY 2005 1m  ;;5.3;Scheduling;\*\*150,222,244,325,394,441,544\*\*;Aug 13, 1993;Build 11  SHAD(DFN) ;Ask Project 112/SHAD Classification  ;Input : DFN - Pointer to PATIENT file (#2)  ;Output: 1 = Yes / 0 = No / "" = unanswered  Q $$GETSHAD^DGUTL3(DFN) | | | | | | | | | |
| **Modified Logic (Changes are in bold)** | | | | | | | | | |
| SDCO22 ;ALB/RMO/MRY/ - Classification Cont. - Screen - Check Out;9 MAY 2005 11:15 PM ; 8/30/01 11:19am  ;;5.3;Scheduling;\*\*150,222,244,325,394,441,544,**631**\*\*;Aug 13, 1993;Build 33  ;  SHAD(DFN) ;Ask Project 112/SHAD Classification  ;Input : DFN - Pointer to PATIENT file (#2)  ;Output: 1 = Yes / 0 = No / "" = unanswered  Q $$GETSHAD^DGUTL3(DFN)  **;**  **CLV(DFN,SDOE) ; Ask Camp Lejeune Classification**  **; Input -- DFN Patient file IEN**  **; SDOE Outpatient Encounter file IEN [Optional]**  **; Output -- 1=Yes and 0=No**  **N SDELG0,Y**  **I $P($G(^DPT(DFN,.3217)),"^")="Y" D ; SD\*5.3\*631**  **. S SDELG0=$$EL(DFN,$G(SDOE))**  **. I $P(SDELG0,"^",5)="Y","^1^2^3^4^5^"[("^"\_$P(SDELG0,"^",4)\_"^") S Y=1**  **. I $G(Y),$G(SDOE) D**  **. . I '$$AP(SDOE,1) S Y=0 Q**  **. . I $P(SDELG0,"^",4)=3!($P(SDELG0,"^",4)=1),$P($G(^SDD(409.42,+$O(^SD**  **D(409.42,"AO",+SDOE,3,0)),0)),"^",3) S Y=0**  **CLVQ Q +$G(Y)**  **;** | | | | | | | | | |

Table : SDCO21 Routine

| Routines | Activities | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Routine Name | SDCO21 | | | | | | | | |
| **Enhancement Category** | New | | Modify | Delete | | | | No Change | |
| **RTM** | 2.6.3.3.2, 2.6.3.7.1 | | | | | | | | |
| **Related Options** | N/A | | | | | | | | |
| **Related Routines** | **Routines “Called By”** | | | | | | Routines “Called” | | |
|  | GET+7^DGPTFM  PF+1^DGPTFM  JUMP^DGPTFM2  P1+3^DGPTFM2  LOOP+1^DGPTFM3  S801+9^DGPTFQWK  CHQUES+28^DGPTSPQ  PATCLAST+39^ECUERPC1  IBACV+4^IBACV  CL+7^IBACV  CLTY+1^BAMTS  CLPT+3^IBAMTS1  NBOEP+7^IBCCPT1  IBNCPDP1+4^IBNCPDP1  RX+77^IBNCPDP1  RXCHK+51^IBTRKR3  CL+13^IBTRKR41  PRCHK+9^iBTRKR5  SCI+6^LRBEBA  ORWDBA1+4^ORWDBA1  SCPRE+10^ORWDBA1  BDOSTR+36^ORWDBA3  CLASS+25^PXBAPI21  CLASS+26^PXBAPI21  ASKCL+1^PXBAPI21  ASKCL+2^PXBAPI21  ASK+5^PXBAPI21  SCCOND+38^PXUTLSCC  SCCOND+40^PXUTLSCC  BAQUES+3^RABWORD  BAQUES+6^RABWORD  CPRSUPD+41^RABWORD1  CLAVET+18^SCMSVUT1  PTL+6^SDAL0  CLASS+35^SDAPICO1  CLASS+43^SDAPICO1  CL+6^SDCO0  ASDK+10^SDCO2  ASK+14^SDCO2  CLASK+11^SDCO2  CL+2^SDROUT2  CL+3^SDROUT2  SROCD0+3^SROCD0  SCEC+1^SROCD0  SROCD4+3^SROCD4  SROCD4+9^SROCD4  SROPCE1+3^SROPCE1  CLASS+1^SROPCE1  SROVER3+3^SROVER3  SCEC+1^SROVER3 | | | | | | $$ACT^SDCODD | | |
| **Data Dictionary (DD) References** | ^SCE(  ^SD(409.41  ^SDD(409.42 | | | | | | | | |
| **Related Protocols** | N/A | | | | | | | | |
| **Related Integration Control Registrations (ICRs)** | 1300 | | | | | | | | |
| **Data Passing** | Input | Output Reference | | | Both | Global Reference | | | Local |
| **Input Attribute Name and Definition** | SDOE - Outpatient Encounter file IEN SDCTI - Outpatient Classification Type IEN DFN - Patient file IEN  SDDT - Date/Time | | | | | | | | |
| **Output Attribute Name and Definition** | 1 - Yes, 2 - No | | | | | | | | |
| Current Logic | | | | | | | | | |
| SDCO21 ;ALB/RMO - Classification Cont. - Check Out;30 MAR 1993 2:10 pm ; 3/12m  ;;5.3;Scheduling;\*\*150,244,325,441\*\*;Aug 13, 1993;Build 14  SC(SDCTI,SDOE,SDSELY,SDCLOEY) ;Service Connected Classification Checks  N SDCHGF,SDCLOE,SDSEL  S SDSEL=$S(SDCTI=1:2,SDCTI=2:3,SDCTI=4:4,1:"") G SCQ:SDSEL=""  D CHK(SDOE,SDCTI,.SDCLOE)  I $D(SDCLOE) D G SCQ  .I SDCLOE,$P(SDCLOE,"^",3) S SDCHGF=1  .I SDCLOE="" S SDCHGF=1  .I $G(SDCHGF) S:$D(SDSELY) SDSELY(SDSEL)="" S SDCLOEY(SDCTI)=SDCLOE  I '$D(SDCLOE) D  .K SDCLOEY(SDCTI)  SCQ Q  SEQ() ;Classification Type Sequence by IEN  ; Input -- None  ; Output -- Classification Type Sequence by IEN  ; Current Sequence is: SC, CV, AO, IR, EC, SHAD, MST, HNC  Q "3,7,1,2,4,8,5,6" | | | | | | | | | |
| **Modified Logic (Changes are in bold)** | | | | | | | | | |
| SDCO21 ;ALB/RMO - Classification Cont. - Check Out;30 MAR 1993 2:10 pm ; 3/12/04 4:33pm  ;;5.3;Scheduling;\*\*150,244,325,441,**631**\*\*;Aug 13, 1993;Build 33  SC(SDCTI,SDOE,SDSELY,SDCLOEY) ;Service Connected Classification Checks  N SDCHGF,SDCLOE,SDSEL  S SDSEL=$S(SDCTI=1:2,SDCTI=2:3,SDCTI=4:4,**SDCTI=9:9**,1:"") G SCQ:SDSEL=""  **;SD\*5.3\*631**  D CHK(SDOE,SDCTI,.SDCLOE)  I $D(SDCLOE) D G SCQ  .I SDCLOE,$P(SDCLOE,"^",3) S SDCHGF=1  .I SDCLOE="" S SDCHGF=1  .I $G(SDCHGF) S:$D(SDSELY) SDSELY(SDSEL)="" S SDCLOEY(SDCTI)=SDCLOE  I '$D(SDCLOE) D  .K SDCLOEY(SDCTI)  SCQ Q  SEQ() ;Classification Type Sequence by IEN  ; Input -- None  ; Output -- Classification Type Sequence by IEN  ; Current Sequence is: SC, CV, AO, IR, EC, SHAD, MST, HNC**,** **CLV**  Q "3,7,1,2,4,8,5,6**,9" ; SD\*5.3\*631** | | | | | | | | | |

Table : SDPPAT2 Routine

| Routines | Activities | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Routine Name** | SDPPAT2 | | | | | | | | |
| **Enhancement Category** | New | | Modify | | | Delete | | No Change | |
| **RTM** | 2.6.3.4.1, 2.6.3.5.1 | | | | | | | | |
| **Related Options** | N/A | | | | | | | | |
| Related Routines | Routines “Called By” | | | | Routines “Called” | | | | |
|  | VET+10^SDPPAT1 | | | | $$FORIEN^DGADDUTL  $$GETCUR^DGNTAPI  $$GET1^DIQ  SET^SDPPAT1  $$SETSTR^VALM1  $$UPPER^VALM1 | | | | |
| **Data Dictionary (DD) References** | ^DIC(5  ^DPT(2 | | | | | | | | |
| **Related Protocols** | Patient Profile MAS [SDPATIENT] menu | | | | | | | | |
| **Related Integration Control Registrations (ICRs)** | N/A | | | | | | | | |
| **Data Passing** | Input | Output Reference | | Both | | | Global Reference | | Local |
| **Input Attribute Name and Definition** | N/A | | | | | | | | |
| **Output Attribute Name and Definition** | N/A | | | | | | | | |
| Current Logic | | | | | | | | | |
| SDPPAT2 ;ALB/CAW-Patient Profile (Generic Patient Info)-Screen 2;5/4/92  ;;5.3;Scheduling;\*\*6,113,244,441\*\*;Aug 13, 1993;Build 14  NTR ; Nose and Throat Radium Exposure  ;  K SDNTR  S X="",X=$$SETSTR^VALM1("N/T Radium:",X,10,11)  ;get current NTR by using supported API (DBIA #3457)  S X=$$SETSTR^VALM1($S($$GETCUR^DGNTAPI(DFN,"SDNTR")>0:$G(SDNTR("INTRP")  K SDNTR  D SET^SDPPAT1(X)  ; | | | | | | | | | |
| Modified Logic (Changes are in bold) | | | | | | | | | |
| SDPPAT2 ;ALB/CAW/-Patient Profile (Generic Patient Info)-Screen 2;5/4/92  ;;5.3;Scheduling;\*\*6,113,244,441,**631**\*\*;Aug 13, 1993;Build 33  NTR ; Nose and Throat Radium Exposure  ;  K SDNTR  S X="",X=$$SETSTR^VALM1("N/T Radium:",X,10,11)  ;get current NTR by using supported API (DBIA #3457)  S X=$$SETSTR^VALM1($S($$GETCUR^DGNTAPI(DFN,"SDNTR")>0:$G(SDNTR("INTRP")  ),1:"UNKNOWN"),X,SDFSTCOL,45)  K SDNTR  D SET^SDPPAT1(X)  ;  **CLV ; Camp Lejeune ; SD\*5.3\*631**  **S X="",X=$$SETSTR^VALM1("Camp Lejeune:",X,8,13)**  **S X=$$SETSTR^VALM1($S($P(SD(.3217),U,1)="N":"NO",$P(SD(.3217),U,1)="Y":**  **"YES",1:"UNKNOWN"),X,SDFSTCOL,7)**  **D SET^SDPPAT1(X)**  **;** | | | | | | | | | |

Table : SDPCE Routine

| Routines | | Activities | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Routine Name** | | SDPCE | | | | | | | | | |
| **Enhancement Category** | | New | | Modify | Delete | | | | No Change | | |
| **RTM** | | 2.6.3.3.1, 2.6.3.7.1, 2.6.3.8.1, 2.6.3.8.2 | | | | | | | | | |
| **Related Options** | | Add/Edit Protocol  Check Out screen – Display mode  Check Out screen – Edit mode | | | | | | | | | |
| Related Routines | Routines “Called By” | | | | | | | | | Routines “Called” | |
|  | CHKOUT+20^IBDFDE0  ADQ+9^PXBAPI1  A+13^PXBGVST  ONEHLOC+31^PXCEHLOC  MAKELIST+32^PXCEPAT  EHOSPLOC+32^PXCEVSIT  A+19^PXQGVST  GETDATA+26^PXRMVSIT  GAPSTAT+3^PXRMVSIT  VAPSTAT+14^PXRMVSIT  EI1+35^SCENIA2  CO+19^SDCO1  EDITOK+8^SDCO3 | | | | | | T0^%ZOSV  T1^%ZOSV  $$SWITCHCK^PXAPI  ENCEVENT^PXKENC  $$EN^SDAPI  ELIG^SDM4  TYPE^SDM4  BULL^SDPCE2  $$HISTORIC^VSIT  $$PKGON^VSIT | | | | |
| **Data Dictionary (DD) References** | ^DIC(8  ^DPT(  ^SCE(  ^SCE("AVSIT"  ^SD(409.1  ^SD(409.63  ^TMP("PXKCO"  ^TMP("PXKENC"  ^VA(200 | | | | | | | | | | |
| **Related Protocols** | N/A | | | | | | | | | | |
| **Related Integration Control Registrations (ICRs)** | 4850 | | | | | | | | | | |
| **Data Passing** | Input | | Output Reference | | | Both | | Global Reference | | | Local |
| **Input Attribute Name and Definition** | SDVSIT  SDEVENT | | | | | | | | | | |
| **Output Attribute Name and Definition** | N/A | | | | | | | | | | |
| Current Logic | | | | | | | | | | | |
| SDPCE ;MJK/ALB - Process PCE Event Data ;31 MAY 2005  ;;5.3;Scheduling;\*\*27,91,132,150,244,325,441\*\*;Aug 13, 1993;Build 14  CLASS(SDVSIT,SDEVENT) ; -- set-up classification data from visit data  N SD800A,SD800B,SDI,CLASS,SDA,SDB  S SD800A=$G(^TMP("PXKCO",$J,SDVSIT,"VST",SDVSIT,800,"AFTER")),SD800B=$)  ; -- process each piece  F SDI=1:1:8 D  . S CLASS=$P("SC^AO^IR^EC^MST^HNC^CV^SHAD",U,SDI),SDA=$P(SD800A,U,SDI))  .; -- changed or same class data  CLASSAE(SDVSIT,SDEVENT) ; -- set-up classification data from visit data  N SD800A,SD800B,SDI,CLASS,SDA,SDB  S SD800A=$G(^TMP("PXKENC",$J,SDVSIT,"VST",SDVSIT,800,"AFTER")),SD800B=)  ; -- process each piece  F SDI=1:1:8 D  . S CLASS=$P("SC^AO^IR^EC^MST^HNC^CV^SHAD",U,SDI),SDA=$P(SD800A,U,SDI))  .; -- changed or same class data | | | | | | | | | | | |
| Modified Logic (Changes are in bold) | | | | | | | | | | | |
| SDPCE ;MJK/ALB/ - Process PCE Event Data ;31 MAY 2005  ;;5.3;Scheduling;\*\*27,91,132,150,244,325,441,**631**\*\*;Aug 13, 1993;Build 33  CLASS(SDVSIT,SDEVENT) ; -- set-up classification data from visit data  N SD800A,SD800B,SDI,CLASS,SDA,SDB  S SD800A=$G(^TMP("PXKCO",$J,SDVSIT,"VST",SDVSIT,800,"AFTER")),SD800B=$G  (^("BEFORE"))  ; -- process each piece **; Added Camp Lejeune SD\*5.3\*631**  F SDI=1:1:**9** D  . S CLASS=$P("SC^AO^IR^EC^MST^HNC^CV^SHAD**^CLV**",U,SDI),SDA=$P(SD800A,U,S  DI),SDB=$P(SD800B,U,SDI) **; SD\*5.3\*631**  .; -- changed or same class data  CLASSAE(SDVSIT,SDEVENT) ; -- set-up classification data from visit data  N SD800A,SD800B,SDI,CLASS,SDA,SDB  S SD800A=$G(^TMP("PXKENC",$J,SDVSIT,"VST",SDVSIT,800,"AFTER")),SD800B=$  G(^("BEFORE"))  ; -- process each piece **; Added Camp Lejeune SD\*5.2\*631**  F SDI=1:1**:9** D  . S CLASS=$P("SC^AO^IR^EC^MST^HNC^CV^SHAD**^CLV**",U,SDI),SDA=$P(SD800A,U,S  DI),SDB=$P(SD800B,U,SDI) **; SD\*5.3\*631**  .; -- changed or same class data | | | | | | | | | | | |

Table : SDPPAT1 Routine

| Routines | Activities | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Routine Name** | SDPPAT1 | | | | | | | | |
| **Enhancement Category** | New | | Modify | | Delete | | | No Change | |
| **RTM** | 2.6.3.4.1, 2.6.3.5.1, 2.6.3.6.1 | | | | | | | | |
| **Related Options** | Patient Profile Screen  Scheduling Expanded Profile Screen | | | | | | | | |
| Related Routines | Routines “Called By” | | | | | Routines “Called” | | | |
|  | INIT1+2^SDPP  ADDR+4^SDPPAT2  LINE1+5^SDPPAT2  LINE2+7^SDPPAT2  LINE3+4^SDPPAT2  LINE4+13^SDPPAT2  LINE5+2^SDPPAT2  TADDR+6^SDPPAT2  TLINE1+4^SDPPAT2  TLINE2+3^SDPPAT2  TLINE3+3^SDPPAT2  TLINE4+13^SDPPAT2  TLINE5+2^SDPPAT2  TLINE5+3^SDPPAT2  RAD+6^SDPPAT2  AO+6^SDPPAT2  NTR+7^SDPPAT2  CLV+3^SDPPAT2  POS+4^SDPPAT2  SC+4^SDPPAT2  SC+7^SDPPAT2  SDQ+2^SDPPAT2  DIS+3^SDPPAT2  DIS+5^SDPPAT2  DIS+6^SDPPAT2  DIS+7^SDPPAT2  DIS+10^SDPPAT2 | | | | | LST^DGMTU ^SDPPAT2  $$FTIME^VALM1  $$SETSTR^VALM  $$FMTE^XLFDT | | | |
| **Data Dictionary (DD) References** | ^DG(391  ^DIC(11  ^DIC(13  ^DIC(31  ^DIC(5  ^DIC(8  ^DPT(  ^TMP("SDPP"  ^VA(200 | | | | | | | | |
| **Related Protocols** | Patient Profile MAS [SDPATIENT] menu | | | | | | | | |
| **Related Integration Control Registrations (ICRs)** | N/A | | | | | | | | |
| **Data Passing** | Input | Output Reference | | Both | | | Global Reference | | Local |
| **Input Attribute Name and Definition** | N/A | | | | | | | | |
| **Output Attribute Name and Definition** | N/A | | | | | | | | |
| Current Logic | | | | | | | | | |
| SDPPAT1 ;ALB/CAW-Patient Profile (Generic Patient Info) Screen 1;5/4/92  ;;5.3;Scheduling;\*\*6,140,441\*\*;Aug 13, 1993;Build 14  ;  ;  PDATA ; Patient Data  N SD,SDELIG,SDDIS,SDCNT,CNT,SDCT,SDCOPS  F SD=0,.3,.11,.121,.122,.13,.32,.321,.35,.36,.52,"TYPE","VET" S SD(SD))  I $D(^DPT(DFN,.372,0)) S SDDIS=0 F S SDDIS=$O(^DPT(DFN,.372,SDDIS)) QD  .S SDDIS(SDDIS)=$G(^DPT(DFN,.372,SDDIS,0)) | | | | | | | | | |
| Modified Logic (Changes are in bold) | | | | | | | | | |
| SDPPAT1 ;ALB/CAW-Patient Profile (Generic Patient Info) Screen 1;5/4/92  ;;5.3;Scheduling;\*\*6,140,441,**631**\*\*;Aug 13, 1993;Build 33  ;  ;  PDATA ; Patient Data  N SD,SDELIG,SDDIS,SDCNT,CNT,SDCT,SDCOPS  F SD=0,.3,.11,.121,.122,.13,.32,.321,**.3217,**.35,.36,.52,"TYPE","VET" S S  D(SD)=$G(^DPT(DFN,SD)) **; SD\*5.3.631**  I $D(^DPT(DFN,.372,0)) S SDDIS=0 F S SDDIS=$O(^DPT(DFN,.372,SDDIS)) Q:  'SDDIS D | | | | | | | | | |

Table : SDCO0 Routine

| Routines | Activities | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Routine Name** | SDCO0 | | | | | | | | |
| **Enhancement Category** | New | | Modify | | | Delete | | No Change | |
| **RTM** | 2.6.3.7.2, 2.6.3.5.1, 2.6.3.6.1, 2.6.3.8.1 | | | | | | | | |
| **Related Options** | Expanded Profile | | | | | | | | |
| Related Routines | Routines “Called By” | | | | Routines “Called” | | | | |
|  | APCO+8^SDAMEP4  BLD+4^SDCO | | | | $$GET1^DIQ  ^DIWP  $$IMP^ICDEX  $$CPT^ICPTCOD  $$MOD^ICPTMOD  CLASK^SDCO2  $$SEQ^SDCO21  $$PRASK^SDCO3  $$PR^SDCO31  $$DXASK^SDCO4  $$DX^SDCO41  $$VAL^SDCODD  $$COMDT^SDCOU  GETCPT^SDOE  GETDX^SDOE  GETPRV^SDOE  $$SETSTR^VALM1  CNTRL^VALM10  $$SENTENCE^XLFSTR | | | | |
| Routines | Activities | | | | | | | | |
| **Data Dictionary (DD) References** | ^DIC(40.7  ^SCE(  ^SCE("APAR"  ^SD(409.41  ^TMP(  ^TMP("SDCOIDX"  ^UTILITY($J | | | | | | | | |
| **Related Protocols** | AM Appointment Management | | | | | | | | |
| **Related Integration Control Registrations (ICRs)** | N/A | | | | | | | | |
| **Data Passing** | Input | Output Reference | | Both | | | Global Reference | | Local |
| **Input Attribute Name and Definition** | SDARY  SDOE  SDSTART  SDTOT | | | | | | | | |
| **Output Attribute Name and Definition** | SET Array | | | | | | | | |
| Current Logic | | | | | | | | | |
| SDCO0 ;ALB/RMO - Build List Area - Check Out;11 FEB 1993 10:00 am ; 6/22/05 m  ;;5.3;Scheduling;\*\*20,44,132,180,351,441,586\*\*;Aug 13, 1993;Build 28  CL(SDARY,SDOE,SDSTART,SDTOT) ;Build classification (Pg: 1 Row: SDSTART-SDSTART)  N SDCLOEY,SDCNI,SDCNT,SDCTI,SDCTIS,SDCTS,SDEND,SDLINE,SDNA,SDVAL,X  S SDLINE=SDSTART,SDEND=SDSTART+8  D SET(SDARY,SDLINE," CLASSIFICATION ",5,IORVON,IORVOFF,"","","",.SDTOT)  D CLASK^SDCO2(SDOE,.SDCLOEY)  PR(SDARY,SDOE,SDSTART,SDTOT) ;Build Provider (Pg: 1 Row: SDSTART+8-END Col: 1)  N SDCNT,SDLINE,SDPR,SDVPRV  S SDLINE=SDSTART+9  D SET(SDARY,SDLINE," PROVIDER ",5,IORVON,IORVOFF,"","","",.SDTOT)  DX(SDARY,SDOE,SDSTART,SDTOT) ;Build Diagnosis (Pg: 1 Row: SDSTART+8-END Col: )  N SDCNT,SDDXS,SDDXD,SDVPOV,SDLINE,ICDVDT,IMPDT,DXARY,TXT,I  S SDLINE=SDSTART+9  D SET(SDARY,SDLINE," DIAGNOSIS ",45,IORVON,IORVOFF,"","","",.SDTOT) | | | | | | | | | |
| Modified Logic (Changes are in bold) | | | | | | | | | |
| SDCO0 ;ALB/RMO/ - Build List Area - Check Out;11 FEB 1993 10:00 am ; 6/22/05  12:56pm  ;;5.3;Scheduling;\*\*20,44,132,180,351,441,586,**631**\*\*;Aug 13, 1993;Build 33  CL(SDARY,SDOE,SDSTART,SDTOT) ;Build classification (Pg: 1 Row: SDSTART-SDSTART+7 Col: 1-80)  N SDCLOEY,SDCNI,SDCNT,SDCTI,SDCTIS,SDCTS,SDEND,SDLINE,SDNA,SDVAL,X  S SDLINE=SDSTART,SDEND=SDSTART+**9**  D SET(SDARY,SDLINE," CLASSIFICATION ",5,IORVON,IORVOFF,"","","",.SDTOT)  D CLASK^SDCO2(SDOE,.SDCLOEY)  PR(SDARY,SDOE,SDSTART,SDTOT) ;Build Provider (Pg: 1 Row: SDSTART+8-END Col: 1-  40)  N SDCNT,SDLINE,SDPR,SDVPRV  S SDLINE=SDSTART+**10** **;SD\*.5.3\*631**  D SET(SDARY,SDLINE," PROVIDER ",5,IORVON,IORVOFF,"","","",.SDTOT)  DX(SDARY,SDOE,SDSTART,SDTOT) ;Build Diagnosis (Pg: 1 Row: SDSTART+8-END Col: 4  2-80)  N SDCNT,SDDXS,SDDXD,SDVPOV,SDLINE,ICDVDT,IMPDT,DXARY,TXT,I  S SDLINE=SDSTART+**10 ; SD\*5.3\*631**  D SET(SDARY,SDLINE," DIAGNOSIS ",45,IORVON,IORVOFF,"","","",.SDTOT) | | | | | | | | | |

Table : SDAMEP2 Routine

| Routines | Activities | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Routine Name** | SDAMEP2 | | | | | | | | |
| **Enhancement Category** | New | | Modify | | Delete | | | No Change | |
| **RTM** | 2.6.3.5.1 | | | | | | | | |
| **Related Options** | Extended Display (Patient Data) | | | | | | | | |
| Related Routines | Routines “Called By” | | | | | Routines “Called” | | | |
|  | INIT+7^SDAMEP | | | | | $$FORIEN^DGADDUTL  $$CVEDT^DGCV  $$LST^DGMTU  INP^DGPMV10  $$GET1^DIQ  SET^SDAMEP1  $$FCO^SDUTL2  $$FMT^SDUTL2  $$FYNUNK^SDUTL2  $$FDATE^VALM1  $$FTIME^VALM1  $$SETSTR^VALM1  $$UPPER^VALM1  CNTRL^VALM10 | | | |
| **Data Dictionary (DD) References** | ^DGPM(  ^DGPM("C"  ^DIC(11  ^DIC(13  ^DIC(21  ^DIC(5  ^DIC(8  ^DPT( | | | | | | | | |
| **Related Protocols** | AM Appointment Management | | | | | | | | |
| **Related Integration Control Registrations (ICRs)** | N/A | | | | | | | | |
| **Data Passing** | Input | Output Reference | | Both | | | Global Reference | | Local |
| **Input Attribute Name and Definition** | N/A | | | | | | | | |
| **Output Attribute Name and Definition** | N/A | | | | | | | | |
| Current Logic | | | | | | | | | |
| SDAMEP2 ;ALB/CAW - Extended Display (Patient Data) ; 11/13/02  ;;5.3;Scheduling;\*\*258,325,441\*\*;Aug 13, 1993;Build 14  ;  PDATA ; Patient Data  F SD=0,.11,.13,.32,.322,.321,.36,.52 S SD(SD)=$G(^DPT(DFN,SD))  S SD("CV")=$$CVEDT^DGCV(DFN,SDT)  SWASIA ;SW Asia  S X=$$SETSTR^VALM1("SW Asia Conditions:",X,40,19)  S X=$$SETSTR^VALM1($$FYNUNK^SDUTL2($P(SD(.322),U,13)),X,SDSECCOL,20)  D SET^SDAMEP1(X)  D SET^SDAMEP1("")  Q | | | | | | | | | |
| Modified Logic (Changes are in bold) | | | | | | | | | |
| SDAMEP2 ;ALB/CAW - Extended Display (Patient Data) ; 11/13/02  ;;5.3;Scheduling;\*\*258,325,441,**631**\*\*;Aug 13, 1993;Build 33  ;  PDATA ; Patient Data  F SD=0,.11,.13,.32,.322,.321,**.3217,**.36,.52 S SD(SD)=$G(^DPT(DFN,SD))  ;SD\*5.3\*631  S SD("CV")=$$CVEDT^DGCV(DFN,SDT)  SWASIA ;SW Asia  S X=$$SETSTR^VALM1("SW Asia Conditions:",X,40,19)  S X=$$SETSTR^VALM1($$FYNUNK^SDUTL2($P(SD(.322),U,13)),X,SDSECCOL,20)  D SET^SDAMEP1(X)  **;**D SET^SDAMEP1("")  **CLV ; CAMP LEJEUNE SD\*5.3\*631**  **S X="",X=$$SETSTR^VALM1("Camp Lejeune:",X,7,13)**  **S X=$$SETSTR^VALM1($$FYNUNK^SDUTL2($P(SD(.3217),U)),X,21,3)**  **D SET^SDAMEP1(X)**  **D SET^SDAMEP1("")**  **Q** | | | | | | | | | |

Table : SCRPW25 Routine

| Routines | Activities | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Routine Name** | SCRPW25 | | | | | | | | |
| **Enhancement Category** | New | | Modify | | Delete | | | No Change | |
| **RTM** | 2.6.4.3.1 | | | | | | | | |
| **Related Options** | ACRP Ad Hoc Reports | | | | | | | | |
| Related Routines | Routines “Called By” | | | | | Routines “Called” | | | |
|  | SET+4^SCRPW51  SET+5^SCRPW51 | | | | | $$LST^DGMTU  FIELD^DID  $$GETALL^SCAPMCA  $$GETOE^SDOE  GETPRV^SDOE  ELIG^VADPT  SVC^VADPT  $$CODE2TXT^XUA4A72 | | | |
| **Data Dictionary (DD) References** | ^AUPNVHF(  ^AUPNVHF("AD"  ^AUPNVIMM(  ^AUPNVIMM("AD"  ^AUPNVPED(  ^AUPNVPED("AD"  ^AUPNVSK(  ^AUPNVSK("AD"  ^AUPNVTRT(  ^AUPNVTRT("AD"  ^AUPNVXAM(  ^AUPNVXAM("AD"  ^AUTTEDT(  ^AUTTEXAM(  ^AUTTHF(  ^AUTTIMM(  ^AUTTSK(  ^AUTTTRT(  ^DG(408.32  ^DIC(40.7  ^DPT(  ^SCE("APAR"  ^TMP("SDPLIST"  ^USC(8932.1  ^VA(200 | | | | | | | | |
| **Related Protocols** | ACRP Ad Hoc Report | | | | | | | | |
| **Related Integration Control Registrations (ICRs)** | N/A | | | | | | | | |
| **Data Passing** | Input | Output Reference | | Both | | | Global Reference | | Local |
| **Input Attribute Name and Definition** | SDX  DIR | | | | | | | | |
| **Output Attribute Name and Definition** | N/A | | | | | | | | |
| Current Logic | | | | | | | | | |
| SCRPW25 ;RENO/KEITH - ACRP Ad Hoc Report (cont.) ; 12/5/00 4:15pm  ;;5.3;Scheduling;\*\*144,177,232\*\*;AUG 13, 1993  PEAO(SDX) ;Get agent orange indicator  K SDX S DFN=$P(SDOE0,U,2) I DFN D SVC^VADPT I $L(VASV(2)) S SDX(1)=VASV  (2)\_U\_$S(VASV(2):"YES",1:"NO")  D NX Q  ;  PEEC(SDX) ;Get environmental contaminants indicator  AOQ(DIR) ;Set up DIR array for agent orange prompt  S DIR(0)="SO^1:YES;0:NO",DIR("?")="Indicates if the patient was exposed  to agent orange." Q  ;  IRQ(DIR) ;Set up DIR array for ionizing radiation prompt | | | | | | | | | |
| Modified Logic (Changes are in bold) | | | | | | | | | |
| SCRPW25 ;RENO/KEITH - ACRP Ad Hoc Report (cont.) ; 12/5/00 4:15pm  ;;5.3;Scheduling;\*\*144,177,232,**631**\*\*;AUG 13, 1993;Build 33  PEAO(SDX) ;Get agent orange indicator  K SDX S DFN=$P(SDOE0,U,2) I DFN D SVC^VADPT I $L(VASV(2)) S SDX(1)=VASV  (2)\_U\_$S(VASV(2):"YES",1:"NO")  D NX Q  ;  **PECL(SDX) ; Get Camp Lejeune indicator SD\*5.3\*631**  **K SDX S DFN=$P(SDOE0,U,2) I DFN D SVC^VADPT I $G(VASV(15))'="" S SDX(1)**  **=VASV(15)\_U\_$S(VASV(15):"YES",1:"NO")**  **D NX Q**  **;**  PEEC(SDX) ;Get environmental contaminants indicator  K SDX S SDX=$P($G(^DPT($P(SDOE0,U,2),.322)),U,13) I $L(SDX) D FST(.SDX,  2,.322013) I $L($P(SDX,U,2)) S SDX(1)=SDX  D NX Q  ;  AOQ(DIR) ;Set up DIR array for agent orange prompt  S DIR(0)="SO^1:YES;0:NO",DIR("?")="Indicates if the patient was exposed  to agent orange." Q  ;  **CLQ(DIR) ; Set up DIR array for Camp Lejeune prompt SD\*5.3\*631**  **S DIR(0)="SO^1:YES;0:NO",DIR("?")="Indicates if the patient treatment**  **was related to Camp Lejeune." Q**  **;**  IRQ(DIR) ;Set up DIR array for ionizing radiation prompt | | | | | | | | | |

Table : SCRPW24 Routine

| Routines | Activities | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Routine Name** | SCRPW24 | | | | | | | | |
| **Enhancement Category** | New | | Modify | | Delete | | | No Change | |
| **RTM** | 2.6.4.3.1 | | | | | | | | |
| **Related Options** | ACRP Ad Hoc Reports | | | | | | | | |
| Related Routines | Routines “Called By” | | | | | Routines “Called” | | | |
|  | BPTPA+35^SCRPO2  R3+6^SCRPW26  R3+7^SCRPW26  R3+8^SCRPW26  GET+5^SCRPW43  SET+3^SCRPW59 | | | | | ^%DTC  FIELD^DID  $$EXTERNAL^DILFD  GETS^DIQ  APAC^SCRPW241  APAP^SCRPW241  APEM^SCRPW241  APOTR^SCRPW241  $$STX^SCRPW8  $$ICDDX^SCRPWICD  CLASK^SDCO2  GETDX^SDOE  GETGEN^SDOE  $$OUTPTPR^SDUTL3  $$OUTPTTM^SDUTL3  ADD^VADPT  DEM^VADPT  $$NOW^XLFDT | | | |
| **Data Dictionary (DD) References** | ^AUPNVSIT(  ^DD("DD"  ^DG(40.8  ^DGEN(27.11  ^DIC(4  ^DIC(8  ^DPT(  ^SC(  ^SD(409.1  ^SD(409.63  ^SD(409.67  ^YSD(627.8 | | | | | | | | |
| **Related Protocols** | ACRP AD HOC REPORT MENU | | | | | | | | |
| **Related Integration Control Registrations (ICRs)** | N/A | | | | | | | | |
| **Data Passing** | Input | Output Reference | | Both | | | Global Reference | | Local |
| **Input Attribute Name and Definition** | DIR  SDZ | | | | | | | | |
| **Output Attribute Name and Definition** | N/A | | | | | | | | |
| Current Logic | | | | | | | | | |
| SCRPW24 ;RENO/KEITH - ACRP Ad Hoc Report (cont.) ;06/19/99  ;;5.3;Scheduling;\*\*144,163,180,254,243,295,329,351,510,530,562,576,593\*  \*;AUG 13, 1993;Build 13  CLQ(DIR,SDZ) ;Set up DIR array for classification questions  K DIR S SDZ=$S(SDZ="A":"Agent Orange exposure",SDZ="I":"ionizing radiat  ion exposure",SDZ="S":"service connected condition",1:"environmental contaminant  s exposure")  S DIR(0)="SO^1:YES;0:NO",DIR("A")="Treatment related to "\_SDZ,DIR("?")=  "Indicates if treatment was related to "\_SDZ Q  ;  OECL(SDX,SDZ) ;Get classification values  K SDX N SDY S SDZ=$S(SDZ="A":1,SDZ="I":2,SDZ="S":3,SDZ="E":4,1:"") I SD  Z D CLASK^SDCO2(SDOE,.SDY) S SDX=$P($G(SDY(SDZ)),U,2) I $L(SDX) S SDX(1)=$S(SDX=  1:"1^YES",1:"0^NO")  D NX Q  ;  OEOU(SDX) ;Get option used to create | | | | | | | | | |
| Modified Logic (Changes are in bold) | | | | | | | | | |
| SCRPW24 ;RENO/KEITH - ACRP Ad Hoc Report (cont.) ;06/19/99  ;;5.3;Scheduling;\*\*144,163,180,254,243,295,329,351,510,530,562,576,593,  **631**\*\*;AUG 13, 1993;Build 33  CLQ(DIR,SDZ) ;Set up DIR array for classification questions **SD\*5.3\*631**  K DIR S SDZ=$S(SDZ="A":"Agent Orange exposure",SDZ="I":"ionizing radiation exposure",SDZ="S":"service connected condition",**SDZ="C":"Camp Lejeune",**1:"environmental contaminants exposure")  S DIR(0)="SO^1:YES;0:NO",DIR("A")="Treatment related to "\_SDZ,DIR("?")=  "Indicates if treatment was related to "\_SDZ Q  ;  OECL(SDX,SDZ) ;Get classification values **SD\*5.3\*631**  K SDX N SDY S SDZ=$S(SDZ="A":1,SDZ="I":2,SDZ="S":3,SDZ="E":4,**SDZ="C":9,**  1:"") I SDZ D CLASK^SDCO2(SDOE,.SDY) S SDX=$P($G(SDY(SDZ)),U,2) I $L(SDX) S SDX(  1)=$S(SDX=1:"1^YES",1:"0^NO")  D NX Q  ;  OEOU(SDX) ;Get option used to create | | | | | | | | | |

Table : SCRPW23 Routine

| Routines | Activities | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Routine Name** | SCRPW23 | | | | | | | | |
| **Enhancement Category** | New | | Modify | | Delete | | | No Change | |
| **RTM** | 2.6.4.3.1 | | | | | | | | |
| **Related Options** | ACRP AD HOC REPORT | | | | | | | | |
| Related Routines | Routines “Called By” | | | | | Routines “Called” | | | |
|  | EXIT^SCMCMHHP RUN+34^SCMCMHHP  END^SCMCMHHT PRINT+3^SCMCMHHT  END^SCRPO1  RUN+6^SCRPO1  RUN+5^SCRPO3  EXIT^SCRPO5  RUN+34^SCRPO5  END^SCRPO6  PRINT+3^SCRPO6  START^SCRPW1  PGP^SCRPW10  PAP+8^SCRPW10  START+14^SCRPW11  SCRPW15+11^SCRPW15  RUN+18^SCRPW16  START+12^SCRPW2  INTRO^SCRPW20  INTRO+2^^SCRPW20  FMT+2^SCRPW20  PERS+2^SCRPW20  LIM+3^SCRPW20  ORD+2^SCRPW20  ORD+3^SCRPW20  ORD+4^SCRPW20  REVSCR+1^SCRPW20  REV1+1^SCRPW20  REV1+10^SCRPW20  F1^SCRPW20  F1+2^SCRPW20  F2^SCRPW20  F3^SCRPW20  F3+1^SCRPW20  F4+1^SCRPW20  F5+1^SCRPW20  F6^SCRPW20  P1^SCRPW20  FDT^SCRPW20  LDT^SCRPW20  CAT+3^SCRPW22  CAT+6^SCRPW22  CAT1+1^SCRPW22  CAT1+3^SCRPW22  RL+4^SCRPW22  DESC+1^SCRPW22  DESC+3^SCRPW22  PRT+1^SCRPW27  EXIT^SCRPW27  PF+3^SCRPW29  PF1+2^SCRPW29  PF1+3^SCRPW29  START+10^SCRPW40  ASK+2^SCRPW41  ASK+3^SCRPW41  STAT+7^SCRPW41  SCRPW42+2^SCRPW42  S44+24^SCRPW42  APF+3^SCRPW45  APF+4^SCRPW45  PPRT+1^SCRPW46  SCRPW47+20^SCRPW47  SCRPW47+43^SCRPW47  END+1^SCRPW50  START+5^SCRPW51  START+18^SCRPW54  START+5^SCRPW56  START+13^SCRPW57  START+5^SCRPW58  START+3^SCRPW59  QUE+2^SCRPW6  UNIQ+6^SCRPW6  UNIQ+14^SCRPW6  START+9^SCRPW60  QUE+7^SCRPW62  E+26^SCRPW63  A+47^SCRPW63  PEL^SCRPW7  PST+10^SCRPW8 | | | | | ENS^%ZISS  ^DIC  ^DIR  BLD^SCRPW21  WAIT^SCRPW22  SUBT^SCRPW50  $$CSI^SCRPWICD  $$IMP^SCRPWICD  EN^XUTMDEVQ | | | |
| **Data Dictionary (DD) References** | ^%ZOSF("RM"  ^%ZOSF("XY"  ^DD("DD"  ^DIC(40.7  ^TMP("SCRPW" | | | | | | | | |
| **Related Protocols** | N/A | | | | | | | | |
| **Related Integration Control Registrations (ICRs)** | N/A | | | | | | | | |
| **Data Passing** | Input | Output Reference | | Both | | | Global Reference | | Local |
| **Input Attribute Name and Definition** | SDFL - ;Required input: SDFL="F" for first, "L" for las | | | | | | | | |
| **Output Attribute Name and Definition** | DIR1  DIR2 | | | | | | | | |
| Current Logic | | | | | | | | | |
| SCRPW23 ;RENO/KEITH - ACRP Ad Hoc Report (cont.) ;15 Jul 98 02:38PM  ;;5.3;Scheduling;\*\*144,474,593\*\*;AUG 13, 1993;Build 13  DIR1 N X,I,II S X="",I=0 F S I=$O(^TMP("SCRPW",$J,"SEL",1,I)) Q:'I S II=""  F S II=$O(^TMP("SCRPW",$J,"SEL",1,I,II)) Q:II="" S:$$PFL1() X=X\_";"\_II\_":"\_$P  (^TMP("SCRPW",$J,"SEL",1,I,II),T)  S DIR(0)="S"\_$G(SDO)\_"^"\_$E(X,2,245) Q  ;  DIR2 N X,I,II S X="",I=0 F S I=$O(^TMP("SCRPW",$J,"SEL",2,SDS,I)) Q:'I S I  I="" F S II=$O(^TMP("SCRPW",$J,"SEL",2,SDS,I,II)) Q:II="" S:$$PFL2() X=X\_";"\_I  I\_":"\_$P(^TMP("SCRPW",$J,"SEL",2,SDS,I,II),T)  S DIR(0)="S"\_$G(SDO)\_"^"\_$E(X,2,245) Q  ; | | | | | | | | | |
| Modified Logic (Changes are in bold) | | | | | | | | | |
| SCRPW23 ;RENO/KEITH - ACRP Ad Hoc Report (cont.) ;15 Jul 98 02:38PM  ;;5.3;Scheduling;\*\*144,474,593,**631**\*\*;AUG 13, 1993;Build 33  DIR1 N X,I,II S X="",I=0 F S I=$O(^TMP("SCRPW",$J,"SEL",1,I)) Q:'I S II=""  F S II=$O(^TMP("SCRPW",$J,"SEL",1,I,II)) Q:II="" S:$$PFL1() X=X\_";"\_II\_":"\_$P  (^TMP("SCRPW",$J,"SEL",1,I,II),T)  **;**S DIR(0)="S"\_$G(SDO)\_"^"\_$E(X,2,245) Q **; SD\*5.3\*631**  **S DIR(0)="S"\_$G(SDO)\_"^"\_$E(X,2,$L(X)) Q**  ;  DIR2 N X,I,II S X="",I=0 F S I=$O(^TMP("SCRPW",$J,"SEL",2,SDS,I)) Q:'I S I  I="" F S II=$O(^TMP("SCRPW",$J,"SEL",2,SDS,I,II)) Q:II="" S:$$PFL2() X=X\_";"\_I  I\_":"\_$P(^TMP("SCRPW",$J,"SEL",2,SDS,I,II),T)  **;**S DIR(0)="S"\_$G(SDO)\_"^"\_$E(X,2,245) Q **; SD\*5.3\*631**  **S DIR(0)="S"\_$G(SDO)\_"^"\_$E(X,2,$L(X)) Q**  ; | | | | | | | | | |

Table : SCDXUTL0 Routine

| Routines | Activities | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Routine Name** | SCDXUTL0 | | | | | | | | |
| **Enhancement Category** | New | | Modify | Delete | | | | No Change | |
| **RTM** | 2.6.4.1.1 | | | | | | | | |
| **Related Options** | N/A | | | | | | | | |
| Related Routines | Routines “Called By” | | | | | Routines “Called” | | | |
|  | STPCOD+2^SCMSVZSC  GET+3^SCRPW43  SET+3^SCRPW54  CHKMT+13^SCRPW81  DATA2PCE+15^SD53103A | | | | | $$SC^DGMTR  $$LST^DGMTU  $$PA^DGMTUTL  $$AO^SDCO22  $$CLV^SDCO22  $$CV^SDCO22  $$EC^SDCO22  $$HNC^SDCO22  $$IR^SDCO22  $$MST^SDCO22  $$SC^SDCO22  $$SHAD^SDCO22  GETCPT^SDOE  INPT^SDOPC1 | | | |
| **Data Dictionary (DD) References** | ^DIC(21  ^DIC(8  ^DIC(8.1  ^DPT(  ^SCE(  ^SCE("APAR"  ^SD(409.1  ^SDD(409.42 | | | | | | | | |
| **Related Protocols** | 2.6.4.1.1 | | | | | | | | |
| **Related Integration Control Registrations (ICRs)** | N/A | | | | | | | | |
| **Data Passing** | Input | Output Reference | | | Both | | Global Reference | | Local |
| **Input Attribute Name and Definition** | DFN - Patient IEN Date - Encounter Date/Time EC - Eligibility (Code) of Encounter AT - Appointment Type of Encounter SDOE - Outpatient Encounter IEN | | | | | | | | |
| **Output Attribute Name and Definition** | String containing Y if classification question = YES, N if = NO, null otherwise (classifications separated by "^")  MTI - Means Test Indicator  Array (pass desired name as parameter) containing procedures | | | | | | | | |
| Current Logic | | | | | | | | | |
| SCDXUTL0 ;ALB/ESD - Generic functions for Amb Care HL7 Interface ; 5/31/05 11:23am  ;;5.3;Scheduling;\*\*44,55,69,77,85,110,122,94,66,132,180,235,256,258,325  ,451,441,562,585\*\*;Aug 13, 1993;Build 19  ;  I EC=5!(EC=3) D I MTI'="" G MTQ  .;- Eligible for Medicaid  .I $P($G(^DPT(DFN,.38)),"^")=1 S MTI="AN" Q  .;- Appt types with ignore billing set to 1 (except comp gen)  .I AT'=10,$P($G(^SD(409.1,+AT,0)),"^",2) S MTI="X" Q  .;- Treatment for AO, IR, EC, MST, HNC  .F SDANS1=1,2,4,5,6 S SDANS=$S('$D(^SDD(409.42,"AO",+SDOE,SDANS1)):"",$  P($G(^SDD(409.42,$O(^(SDANS1,0)),0)),"^",3):1,1:0) I SDANS=1 S MTI="AS" Q  .I MTI]"" Q  PATCLASS(DFN,SDOE) ; - Return classification questions from PATIENT (#2) file  ; (Agent Orange, Radiation Exposure, Service Connected,  ; Environmental Contaminants, Military Sexual Trauma and  ; Head/Neck Cancer questions)  N NODE,PATCLASS,SDTEMP,X  S SDTEMP(1)=$$AO^SDCO22(DFN,$G(SDOE))  S SDTEMP(2)=$$IR^SDCO22(DFN,$G(SDOE))  S SDTEMP(3)=$$SC^SDCO22(DFN,$G(SDOE))  S SDTEMP(4)=$$EC^SDCO22(DFN,$G(SDOE))  S SDTEMP(5)=$$MST^SDCO22(DFN,$G(SDOE))  S SDTEMP(6)=$$HNC^SDCO22(DFN,$G(SDOE))  S SDTEMP(7)=$$CV^SDCO22(DFN,$G(SDOE))  S SDTEMP(8)=$$SHAD^SDCO22(DFN)  F X=1:1:8 S $P(PATCLASS,U,X)=$S(SDTEMP(X)=1:"Y",1:"N")  Q PATCLASS  ; | | | | | | | | | |
| Modified Logic (Changes are in bold) | | | | | | | | | |
| SCDXUTL0 ;ALB/ESD/ - Generic functions for Amb Care HL7 Interface ; 5/31/05 11:2  3am  ;;5.3;Scheduling;\*\*44,55,69,77,85,110,122,94,66,132,180,235,256,258,325  ,451,441,562,585,**631**\*\*;Aug 13, 1993;Build 33  I EC=5!(EC=3) D I MTI'="" G MTQ  .;- Eligible for Medicaid  .I $P($G(^DPT(DFN,.38)),"^")=1 S MTI="AN" Q  .;- Appt types with ignore billing set to 1 (except comp gen)  .I AT'=10,$P($G(^SD(409.1,+AT,0)),"^",2) S MTI="X" Q  .;- Treatment for AO, IR, EC, MST, HNC, CLV ;SD\*5.3\*631  .F SDANS1=1,2,4,5,6**,9** S SDANS=$S('$D(^SDD(409.42,"AO",+SDOE,SDANS1)):""  ,$P($G(^SDD(409.42,$O(^(SDANS1,0)),0)),"^",3):1,1:0) I SDANS=1 S MTI="AS" Q  .I MTI]"" Q  PATCLASS(DFN,SDOE) ; - Return classification questions from PATIENT (#2) file  ; (Agent Orange, Radiation Exposure, Service Connected,  ; Environmental Contaminants, Military Sexual Trauma and  ; Head/Neck Cancer questions**, Camp Lejeune**)  N NODE,PATCLASS,SDTEMP,X  S SDTEMP(1)=$$AO^SDCO22(DFN,$G(SDOE))  S SDTEMP(2)=$$IR^SDCO22(DFN,$G(SDOE))  S SDTEMP(3)=$$SC^SDCO22(DFN,$G(SDOE))  S SDTEMP(4)=$$EC^SDCO22(DFN,$G(SDOE))  S SDTEMP(5)=$$MST^SDCO22(DFN,$G(SDOE))  S SDTEMP(6)=$$HNC^SDCO22(DFN,$G(SDOE))  S SDTEMP(7)=$$CV^SDCO22(DFN,$G(SDOE))  S SDTEMP(8)=$$SHAD^SDCO22(DFN)  **S SDTEMP(9)=$$CLV^SDCO22(DFN,$G(SDOE)) ; SD - 6**  **31 Added Camp Lejeune**  F X=1:1:**9** S $P(PATCLASS,U,X)=$S(SDTEMP(X)=1:"Y",1:"N")  Q PATCLASS  ; | | | | | | | | | |

Table : SCMSVZEL Routine

| **Routines** | **Activities** | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Routine Name** | SCMSVZEL | | | | | | | | |
| **Enhancement Category** | New | | Modify | | | Delete | | No Change | |
| **RTM** | 2.6.4.1.1, 2.6.4.2.2 | | | | | | | | |
| **Related Options** | N/A | | | | | | | | |
| Related Routines | Routines “Called By” | | | | Routines “Called” | | | | |
|  | VLDZEL+2^ SCDXMSG1 | | | | CONVERT^SCMSVUT0  VALIDATE^SCMSVUT0 | | | | |
| **Data Dictionary (DD) References** | N/A | | | | | | | | |
| **Related Protocols** | N/A | | | | | | | | |
| **Related Integration Control Registrations (ICRs)** | N/A | | | | | | | | |
| **Data Passing** | Input | Output Reference | | Both | | | Global Reference | | Local |
| **Input Attribute Name and Definition** | ZELSEG - ZEL Segment Array HLQ - HL7 null variable  HLFS - HL7 field separator VALERR - The array name to put the errors in DFN - The DFN of the patient | | | | | | | | |
| **Output Attribute Name and Definition** | 1 if ZEL passed validity check Error message if ZEL failed validity check in form of: -1^"xxx failed validity check" (xxx=element in ZEL segment) | | | | | | | | |
| Current Logic | | | | | | | | | |
| SCMSVZEL ;ALB/ESD HL7 ZEL Segment Validation ; 6/20/05 9:24am  ;;5.3;Scheduling;\*\*44,66,142,184,180,222,239,325,441\*\*;Aug 13, 1993;Bui  ld 14  ;- Convert HLQ to null  S ZELSEG(1)=$$CONVERT^SCMSVUT0(ZELSEG(1),HLFS,HLQ)  S I=0  F S I=+$O(ZELSEG(1,I)) Q:'I S ZELSEG(1,I)=$$CONVERT^SCMSVUT0(ZELSEG(1  ,I),HLFS,HLQ)  ;  S OFFSET=0,NODE=0,SEGLINE=ZELSEG(1)  F I=1,3,9,19,20,23,24,25,30,38,39,41 DO  . I $L(SEGLINE,HLFS)<(I-OFFSET) D  ;- ZEL data elements validated  ;  1 ;;0035;HL7 SEGMENT NAME  3 ;;7000;ELIGIBILITY CODE MISSING  31 ;;7020;ELIGIBILITY CODE INCONSISTENT WITH VET STATUS  32 ;;7030;ELIGIBILITY CODE INACTIVE  9 ;;7050;VETERAN?  91 ;;7100;VET STATUS INCONSISTENT WITH POW  19 ;;7120;AGENT ORANGE EXPOSURE  23 ;;7150;INVALID/INCONSISTENT RADIATION EXPOSURE METHOD  20 ;;7210;RADIATION EXPOSURE INDICATED  24 ;;7040;INVALID MST CLASSIFICATION  25 ;;7060;MST STATUS DATE INVALID OR INCONSISTENT WITH MST STATUS  30 ;;7130;AGENT ORANGE EXPOSURE LOCATION  38 ;;7330;COMBAT VET INDICATOR  39 ;;7340;COMBAT VET END DATE  41 ;;7370;PROJ 112/SHAD INDICATOR | | | | | | | | | |
| Modified Logic (Changes are in bold) | | | | | | | | | |
| SCMSVZEL ;ALB/ESD HL7 ZEL Segment Validation ; 6/20/05 9:24am  ;;5.3;Scheduling;\*\*44,66,142,184,180,222,239,325,441,**631**\*\*;Aug 13, 1993  ;Build 33  ;- Convert HLQ to null  S ZELSEG(1)=$$CONVERT^SCMSVUT0(ZELSEG(1),HLFS,HLQ)  S I=0  F S I=+$O(ZELSEG(1,I)) Q:'I S ZELSEG(1,I)=$$CONVERT^SCMSVUT0(ZELSEG(1  ,I),HLFS,HLQ)  ;  S OFFSET=0,NODE=0,SEGLINE=ZELSEG(1)  ; added 42 (starts at 1 so really this is piece 41) for Camp Lejeune SD  \*5.3\*631 JLS  F I=1,3,9,19,20,23,24,25,30,38,39,41**,42** DO  . I $L(SEGLINE,HLFS)<(I-OFFSET) D  ;- ZEL data elements validated  ;  1 ;;0035;HL7 SEGMENT NAME  3 ;;7000;ELIGIBILITY CODE MISSING  31 ;;7020;ELIGIBILITY CODE INCONSISTENT WITH VET STATUS  32 ;;7030;ELIGIBILITY CODE INACTIVE  9 ;;7050;VETERAN?  91 ;;7100;VET STATUS INCONSISTENT WITH POW  19 ;;7120;AGENT ORANGE EXPOSURE  23 ;;7150;INVALID/INCONSISTENT RADIATION EXPOSURE METHOD  20 ;;7210;RADIATION EXPOSURE INDICATED  24 ;;7040;INVALID MST CLASSIFICATION  25 ;;7060;MST STATUS DATE INVALID OR INCONSISTENT WITH MST STATUS  30 ;;7130;AGENT ORANGE EXPOSURE LOCATION  38 ;;7330;COMBAT VET INDICATOR  39 ;;7340;COMBAT VET END DATE  41 ;;7370;PROJ 112/SHAD INDICATOR  **42 ;;7390;CAMP LEJEUNE INDICATOR** | | | | | | | | | |

Table : SDAPICO1 Routine

| **Routines** | **Activities** | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Routine Name** | SDAPICO1 | | | | | | | | |
| **Enhancement Category** | New | | Modify | | | Delete | | No Change | |
| **RTM** | 2.6.3.1.1, 2.6.3.8.1, 2.6.3.8.2, 2.6.3.8.3 | | | | | | | | |
| **Routines** | **Activities** | | | | | | | | |
| **Routine Name** | SDAPICO1 | | | | | | | | |
| **Related Options** | CK Appointment Check-in/Check-out  CO Check Out | | | | | | | | |
| Related Routines | Routines “Called By” | | | | Routines “Called” | | | | |
|  | FILE+19^SDAPICO | | | | ^DIK  DEL^SDAPICO  ERRFILE^SDAPIER  CLASK^SDCO2  FILE^SDCO20  SC^SDCO21  $$SEQ^SDCO21  COMDT^SDCODEL | | | | |
| **Data Dictionary (DD) References** | ^SD(409.41 | | | | | | | | |
| **Related Protocols** | N/A | | | | | | | | |
| **Related Integration Control Registrations (ICRs)** | N/A | | | | | | | | |
| **Data Passing** | Input | Output Reference | | Both | | | Global Reference | | Local |
| **Input Attribute Name and Definition** | SDCTI - Outpatient Classification Type IEN SDATA - Null or 409.42 IEN^Internal Value^1=n/a^1=unedt SDOE - Outpatient Encounter file IEN | | | | | | | | |
| **Output Attribute Name and Definition** | N/A | | | | | | | | |
| Current Logic | | | | | | | | | |
| SDAPICO1 ;ALB/MJK - API - Common Check-Out Processing;04 MAR 1993 10:00 am  ;;5.3;Scheduling;\*\*27\*\*;08/13/93   . ; process specific class  . IF $D(SDCLOEY(SDCTI)) D  .. D ONE(SDCTI,SDCLOEY(SDCTI),SDOE,$G(SDCTVAL(SDCTI)))  .. ; -- if service connected class do consistency checks  .. IF SDCTI=3 F I=1,2,4 D SC^SDCO21(I,SDOE,"",.SDCLOEY)  CLASSQ Q | | | | | | | | | |
| Modified Logic (Changes are in bold) | | | | | | | | | |
| SDAPICO1 ;ALB/MJK - API - Common Check-Out Processing;04 MAR 1993 10:00 am  ;;5.3;Scheduling;\*\*27,631\*\*;08/13/93;Build 33   . ; process specific class   . IF $D(SDCLOEY(SDCTI)) D   .. D ONE(SDCTI,SDCLOEY(SDCTI),SDOE,$G(SDCTVAL(SDCTI)))   .. ; -- if service connected class do consistency checks   .. IF SDCTI=3 F I=1,2,4**,9** D SC^SDCO21(I,SDOE,"",.SDCLOEY) **; SD\*5.3\*631**  CLASSQ Q | | | | | | | | | |

Table : SDCO2 Routine

| Routines | Activities | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Routine Name** | SDCO2 | | | | | | | | |
| **Enhancement Category** | New | | Modify | | | Delete | | No Change | |
| **RTM** | 2.6.3.1.1, 2.6.3.8.1, 2.6.3.8.2, 2.6.3.8.3 | | | | | | | | |
| **Related Options** | CK Appointment Check-in/Check-out  CO Check Out | | | | | | | | |
| Related Routines | Routines “Called By” | | | | Routines “Called” | | | | |
|  | EVAL+12^SCRPW16  OECL+1^SCRPW24  CLASS+4^SDAPICO1  CL+4^SDCO0  CHK+14^SDCOM | | | | ENDR^%ZISS  $$INTV^PXAPI  $$INP^SDAM2  $$CLINIC^SDAMU  BLD^SDCO  ONE^SDCO20  $$SEQ^SDCO21  CLOE^SDCO21  SC^SDCO21  $$EDITOK^SDCO3  EVT^SDCOU1  $$EXOE^SDCOU2  $$REQ^SDM1A | | | | |
| **Data Dictionary (DD) References** | ^SCE( | | | | | | | | |
| **Related Protocols** | N/A | | | | | | | | |
| **Related Integration Control Registrations (ICRs)** | N/A | | | | | | | | |
| **Data Passing** | Input | Output Reference | | Both | | | Global Reference | | Local |
| **Input Attribute Name and Definition** | SDOE - Outpatient Encounter file IEN SDCLOEY - Classification Array for Outpatient Encounter SDCLHDL - Classification Event Handle [Optional] | | | | | | | | |
| **Output Attribute Name and Definition** | SDCOQUIT User entered '^' or timeout | | | | | | | | |
| Current Logic | | | | | | | | | |
| SDCO2 ;ALB/RMO - Classification - Check Out;30 DEC 1992 1:10 pm  ;;5.3;Scheduling;\*\*27,132\*\*;08/13/93  ASK(SDOE,SDCLOEY,SDCLHDL,SDCOQUIT) ;Ask Outpatient Classifications  ; Input -- SDOE Outpatient Encounter file IEN  ; SDCLOEY Classification Array for Outpatient Encounter  ; SDCLHDL Classification Event Handle [Optional]  ; Output -- SDCOQUIT User entered '^' or timeout  N I,IOINHI,IOINORM,SDCTI,SDCTIS,SDCTS,SDEVTF,X  S X="IOINHI;IOINORM" D ENDR^%ZISS  I '$D(SDCLOEY) G ASKQ  W !!,"--- ",IOINHI,"Classification",IOINORM," --- [",IOINHI,"Required",IOINORM,"]"  I '$G(SDCLHDL) N SDATA,SDCLHDL S SDEVTF=1 D EVT^SDCOU1(SDOE,"BEFORE",.SDCLHDL,.SDATA)  W ! S SDCTIS=$$SEQ^SDCO21  F SDCTS=1:1 S SDCTI=+$P(SDCTIS,",",SDCTS) Q:'SDCTI!($D(SDCOQUIT)) D  .I $D(SDCLOEY(SDCTI)) D  ..D ONE^SDCO20(SDCTI,SDCLOEY(SDCTI),SDOE,.SDCOQUIT)  ..I SDCTI=3 F I=1,2,4 D SC^SDCO21(I,SDOE,"",.SDCLOEY)  I $G(SDEVTF) D EVT^SDCOU1(SDOE,"AFTER",SDCLHDL,.SDATA) ASKQ Q | | | | | | | | | |
| **Modified Logic (Changes are in bold)** | | | | | | | | | |
| SDCO2 ;ALB/RMO - Classification - Check Out;30 DEC 1992 1:10 pm  ;;5.3;Scheduling;\*\*27,132,**631**\*\*;08/13/93;Build 33  ASK(SDOE,SDCLOEY,SDCLHDL,SDCOQUIT) ;Ask Outpatient Classifications  ; Input -- SDOE Outpatient Encounter file IEN  ; SDCLOEY Classification Array for Outpatient Encounter  ; SDCLHDL Classification Event Handle [Optional]  ; Output -- SDCOQUIT User entered '^' or timeout  N I,IOINHI,IOINORM,SDCTI,SDCTIS,SDCTS,SDEVTF,X  S X="IOINHI;IOINORM" D ENDR^%ZISS  I '$D(SDCLOEY) G ASKQ  W !!,"--- ",IOINHI,"Classification",IOINORM," --- [",IOINHI,"Required",IOINORM,"]"  I '$G(SDCLHDL) N SDATA,SDCLHDL S SDEVTF=1 D EVT^SDCOU1(SDOE,"BEFORE",.SDCLHDL,.SDATA)  W ! S SDCTIS=$$SEQ^SDCO21  F SDCTS=1:1 S SDCTI=+$P(SDCTIS,",",SDCTS) Q:'SDCTI!($D(SDCOQUIT)) D  .I $D(SDCLOEY(SDCTI)) D  ..D ONE^SDCO20(SDCTI,SDCLOEY(SDCTI),SDOE,.SDCOQUIT)  ..I SDCTI=3 F I=1,2,4**,9** D SC^SDCO21(I,SDOE,"",.SDCLOEY) **; SD\*5.3\*631**  I $G(SDEVTF) D EVT^SDCOU1(SDOE,"AFTER",SDCLHDL,.SDATA) ASKQ Q | | | | | | | | | |

Table : SCCVPCE Routine

| Routines | Activities | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Routine Name** | SCCVPCE | | | | | | | |
| **Enhancement Category** | New | | Modify | | Delete | | No Change | |
| **RTM** | 2.6.2.4.1, 2.6.3.9 | | | | | | | |
| **Related Options** | N/A | | | | | | | |
| Related Routines | Routines “Called By” | | | Routines “Called” | | | | |
|  | EN+45^SCCVEAE1  EN+55^SCCVEAP1  EN+53^SCCVEDI1 | | | $$DATA2PCE^PXAPI  $$SOURCE^PXAPI  EN1^PXKMAIN  LOGERR^SCCVLOG1  $$SDVIEN^SCCVU  SETERR^SCCVZZ | | | | |
| **Data Dictionary (DD) References** | ^AUPNVCPT("AD"  ^AUPNVPOV("AD"  ^AUPNVPRV("AD"  ^AUPNVSIT(  ^ICD9(  ^ICPT(  ^SCE(  ^SCE("APAR"  ^SDD(  ^SDV(  ^TMP("PXK"  ^TMP("PXK-SD"  ^VA(200 | | | | | | | |
| **Related Protocols** | N/A | | | | | | | |
| **Related Integration Control Registrations (ICRs)** | N/A | | | | | | | |
| **Data Passing** | Input | Output Reference | | Both | | Global Reference | | Local |
| **Input Attribute Name and Definition** | SCOE - Internal entry # of encounter SCCONS - Array containing constant data for the conversion  needed for reconvert to work properly ("PKG") - Scheduling package pointer ("SRCE") - source name for the conversion SCCVEVT - 1 for estimate, 2 for convert SCOEP - Parent encounter [optional]  SCDTM - Date/time of add/edit entry if no encounter [optional]  SCDA - 'CS' entry ien if add/edit, no encounter [optional] | | | | | | | |
| **Output Attribute Name and Definition** | SCEST - Variable of '^' pieces that contain # of entries to be added: # providers^# diagnoses^# procedures | | | | | | | |
| Current Logic | | | | | | | | |
| SCCVPCE ;ALB/TMP - Send data to PCE; [ 01/28/98 10:19 AM ]  ;;5.3;Scheduling;\*\*211\*\*;Aug 13, 1993  BUILD(SDPROV,SDDX,SDCLASS,SDCPT,SDATA,SPDATA,DFN,SDVST) ; -- bld pce data arrays  N X,SDI,SDIEN,SDCNT,SDSEQ,SCSRCE  S SCSRCE=$$SOURCE^PXAPI($G(SCCONS("SRCE")))  S SDI=0 F  S SDI=$O(@SDCLASS@(SDI)) Q:'SDI  D  . S X=@SDCLASS@(SDI)  . S @SDATA@("ENCOUNTER",1,$P("AO^IR^SC^EC",U,+X))=$P(X,U,3)   ; | | | | | | | | |
| **Modified Logic (Changes are in bold)** | | | | | | | | |
| SCCVPCE ;ALB/TMP - Send data to PCE; [ 01/28/98 10:19 AM ]  ;;5.3;Scheduling;\*\*211**,631**\*\*;Aug 13, 1993;Build 33  ;  BUILD(SDPROV,SDDX,SDCLASS,SDCPT,SDATA,SPDATA,DFN,SDVST) ; -- bld pce data arrays  N X,SDI,SDIEN,SDCNT,SDSEQ,SCSRCE  S SCSRCE=$$SOURCE^PXAPI($G(SCCONS("SRCE")))  S SDI=0 F S SDI=$O(@SDCLASS@(SDI)) Q:'SDI D  . S X=@SDCLASS@(SDI)  . S @SDATA@("ENCOUNTER",1,$P("AO^IR^SC^EC**^CLV**",U,+X))=$P(X,U,3)  **; SD\*5.3\*631**  ;  ; -- set dx info | | | | | | | | |

Table : SCDXMSG1 Routine

| Routines | Activities | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Routine Name** | SCDXMSG1 | | | | | | | |
| **Enhancement Category** | New | Modify | Delete | | | No Change | | |
| **RTM** | 2.6.4.1.1, 2.6.4.2.1 | | | | | | | |
| **Related Options** | N/A | | | | | | | |
| Related Routines | Routines “Called By” | | | | Routines “Called” | | | |
|  | BUILDHL7+108^SCDXMSG0  BUILDHL7+118^SCDXMSG0  BUILDHL7+120^SCDXMSG0  BUILDHL7+122^SCDXMSG0  BUILDHL7+125^SCDXMSG0  BUILDHL7+128^SCDXMSG0  BUILDHL7+133^SCDXMSG0  VER+7^SCRPW18  STR+4^SCRPW18 | | | | ALL^DGMTU21  $$VID4XMIT^SCDXFU11  $$EN^SCMSVDG1  $$EN^SCMSVEVN  $$EN^SCMSVPID  $$EN^SCMSVPR1  $$EN^SCMSVPV1  $$EN^SCMSVROL  $$SETVSI^SCMSVUT0  SETID^SCMSVUT0 ETMAR^SCMSVUT0  SETPOW^SCMSVUT0  SETPRTY^SCMSVUT0  $$EN^SCMSVZCL  $$EN^SCMSVZEL  $$EN^SCMSVZIR  $$EN^SCMSVZPD  $$EN^SCMSVZSC  $$EN^SCMSVZSP  GETPRV^SDOE  BLDPID^VAFCQRY  EN^VAFHLDG1  $$EN^VAFHLEVN  $$EN^VAFHLPD1  EN^VAFHLPR1  $$EN^VAFHLPV1  OUTPAT^VAFHLROL  EN^VAFHLZCL  EN1^VAFHLZEL  $$EN^VAFHLZEN  $$EN^VAFHLZIR  $$EN1^VAFHLZPD  EN^VAFHLZSC  $$EN^VAFHLZSP | | | |
| **Data Dictionary (DD) References** | ^SCE  ^DIC(8 | | | | | | | |
| **Related Protocols** | N/A | | | | | | | |
| **Related Integration Control Registrations (ICRs)** | N/A | | | | | | | |
| **Data Passing** | Input | Output Reference | | Both | | | Global Reference | Local |
| **Input Attribute Name and Definition** | EVNTTYPE - Event type to build list for   A08 & A23 are the only types currently supported (Defaults to A08) SEGARRY - Array to place output in (full global reference)   (Defaults to ^TMP("SCDX SEGMENTS",$J)  XMITARRY - Array containing HL7 message (full global ref)   (Defaults to ^TMP("HLS",$J))  INSRTPNT - Where to begin deletion from (Defaults to 1) | | | | | | | |
| **Output Attribute Name and Definition** | SEGARRY(Seq,Name) = Fields Seq - Sequencing number to order the segments as they should be placed in the HL7 message Name - Name of HL7 segment Fields - List of fields used by Ambulatory Care VAFSTR would be set to this value | | | | | | | |
| Current Logic | | | | | | | | |
| SCDXMSG1 ;ALB/JRP - AMB CARE MESSAGE BUILDER UTILS;08-MAY-1996 ; 6/21/05 2:08pm  ;;5.3;Scheduling;\*\*44,55,70,77,85,66,143,142,162,172,180,239,245,254,29  3,325,387,459,472,441,552\*\*;AUG 13, 1993;Build 5  ;  SEGMENTS(EVNTTYPE,SEGARRY) ;Build list of HL7 segments for a given  ; event type  ;  ;Input : EVNTTYPE - Event type to build list for  ; A08 & A23 are the only types currently supported  ; (Defaults to A08)  ; SEGARRY - Array to place output in (full global reference)  ; (Defaults to ^TMP("SCDX SEGMENTS",$J))  ;Output : None  ; SEGARRY(Seq,Name) = Fields  ; Seq - Sequencing number to order the segments as  ; they should be placed in the HL7 message  ; Name - Name of HL7 segment  ; Fields - List of fields used by Ambulatory Care  ; VAFSTR would be set to this value  ; : MSH segment is not included  ;  ;Check input  S EVNTTYPE=$G(EVNTTYPE)  S:(EVNTTYPE'="A23") EVNTTYPE="A08"  S SEGARRY=$G(SEGARRY)  S:(SEGARRY="") SEGARRY="^TMP(""SCDX SEGMENTS"","\_$J\_")"  ;Segments used by A08 & A23  S @SEGARRY@(1,"EVN")="1,2"  S @SEGARRY@(2,"PID")="1,2,3,4,5,6,7,8,10,11,13,14,16,17,19,22"  S @SEGARRY@(3,"PD1")="3,4"  S @SEGARRY@(4,"PV1")="1,2,4,14,19,39,44,50"  ;Building list for A23 - add ZPD segment and quit  I (EVNTTYPE="A23") D Q  .S @SEGARRY@(5,"ZPD")="1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,  20,21,40"  S @SEGARRY@(5,"DG1")="1,2,3,4,5,15"  S @SEGARRY@(6,"PR1")="1,3,16"  S @SEGARRY@(7,"ROL")="1,2,3,4"  S @SEGARRY@(8,"ZPD")="1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,2  0,21,40"  S @SEGARRY@(9,"ZEL")="1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,2  0,21,22,23,24,29,37,38,40"  S @SEGARRY@(10,"ZIR")="1,2,3,4,5,6,7,8,9,10,11,12,13" | | | | | | | | |
| **Modified Logic (Changes are in bold)** | | | | | | | | |
| SCDXMSG1 ;ALB/JRP - AMB CARE MESSAGE BUILDER UTILS;08-MAY-1996 ; 6/21/05 2:08pm  ;;5.3;Scheduling;\*\*44,55,70,77,85,66,143,142,162,172,180,239,245,254,29  3,325,387,459,472,441,552**,631**\*\*;AUG 13, 1993;Build 33  ;  SEGMENTS(EVNTTYPE,SEGARRY) ;Build list of HL7 segments for a given  ; event type  ;  ;Input : EVNTTYPE - Event type to build list for  ; A08 & A23 are the only types currently supported  ; (Defaults to A08)  ; SEGARRY - Array to place output in (full global reference)  ; (Defaults to ^TMP("SCDX SEGMENTS",$J))  ;Output : None  ; SEGARRY(Seq,Name) = Fields  ; Seq - Sequencing number to order the segments as  ; they should be placed in the HL7 message  ; Name - Name of HL7 segment  ; Fields - List of fields used by Ambulatory Care  ; VAFSTR would be set to this value  ; : MSH segment is not included  ;  ;Check input  S EVNTTYPE=$G(EVNTTYPE)  S:(EVNTTYPE'="A23") EVNTTYPE="A08"  S SEGARRY=$G(SEGARRY)  S:(SEGARRY="") SEGARRY="^TMP(""SCDX SEGMENTS"","\_$J\_")"  ;Segments used by A08 & A23  S @SEGARRY@(1,"EVN")="1,2"  S @SEGARRY@(2,"PID")="1,2,3,4,5,6,7,8,10,11,13,14,16,17,19,22"  S @SEGARRY@(3,"PD1")="3,4"  S @SEGARRY@(4,"PV1")="1,2,4,14,19,39,44,50"  ;Building list for A23 - add ZPD segment and quit  I (EVNTTYPE="A23") D Q  .S @SEGARRY@(5,"ZPD")="1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,  20,21,40"  S @SEGARRY@(5,"DG1")="1,2,3,4,5,15"  S @SEGARRY@(6,"PR1")="1,3,16"  S @SEGARRY@(7,"ROL")="1,2,3,4"  S @SEGARRY@(8,"ZPD")="1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,2  0,21,40"  ;Segment used for ZEL added Camp Lejeune Fields SD\*5.3\*631 JLS  S @SEGARRY@(9,"ZEL")="1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,2  0,21,22,23,24,29,37,38,40**,41,42,43,44**"  S @SEGARRY@(10,"ZIR")="1,2,3,4,5,6,7,8,9,10,11,12,13" | | | | | | | | |

Table : SCMSVUT3 Routine

| Routines | Activities | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Routine Name** | SCMSVUT3 | | | | | | | |
| **Enhancement Category** | New | | Modify | | Delete | | No Change | |
| **RTM** | 2.6.4.1.2, 2.6.4.2.3, 2.6.4.2.4,2.6.4.2.7.2 | | | | | | | |
| **Related Options** | N/A | | | | | | | |
| Related Routines | Routines “Called By” | | | Routines “Called” | | | | |
|  | EN+3^SD53222P | | | ^%DT  $$GETSTAT^DGMSTAPI  $$FMDATE^HLFNC  ELIG^VADPT  SVC^VADPT | | | | |
| **Data Dictionary (DD) References** | ^DIC(21  ^DIC(4  ^DPT | | | | | | | |
| **Related Protocols** | N/A | | | | | | | |
| **Related Integration Control Registrations (ICRs)** | N/A | | | | | | | |
| **Data Passing** | Input | Output Reference | | Both | | Global Reference | | Local |
| **Input Attribute Name and Definition** | DATA - Value to validate DFN - Point to PATIENT file (#2) ENCDT - Date/time of encounter (FileMan format) HLFS - HL7 field separator HLECH - HL7 encoding characters HLQ - HL7 null designation  MINVAL - Minimum value (defaults to no lower limit) MAXVAL - Maximum value (defaults to no upper limit) DECCNT - Decimal places allowed (defaults to no limit | | | | | | | |
| **Output Attribute Name and Definition** | 1 - Valid 0 – Invalid | | | | | | | |
| Current Logic | | | | | | | | |
| SCMSVUT3 ;BP/JRP - HL7 segment & field validation utilities ;8/11/99 9:54am  ;;5.3;Scheduling;\*\*142,180,208,239,395,441,543\*\*;AUG 13, 1993;Build 1  ;  CL tag did not exist | | | | | | | | |
| **Modified Logic (Changes are in bold)** | | | | | | | | |
| SCMSVUT3 ;BP/JRP - HL7 segment & field validation utilities ;8/11/99 9:54am  ;;5.3;Scheduling;\*\*142,180,208,239,395,441,543**,631**\*\*;AUG 13, 1993;Build  33  ;  **CL(DATA,DFN) ;Validate Camp Lejeune expos. (error 7390) SD\*5.3\*631  ; INPUT : DATA - Value to validate  ; DFN - Pointer to PATIENT file (#2)  ; OUTPUT : 1 - Valid claim of exposure to Camp Lejeune  ; 0 - Invalid claim of exposure to Camp Lejeune  I '$D(DATA) Q 0  I '$D(DFN) Q 0  I DATA=1 Q 1  I (DATA=0)!(DATA="") Q 1  Q 0**  ; | | | | | | | | |

##### Templates

N/A

##### Bulletins

N/A

##### Data Entries Affected by the Design

N/A

Table : Data Entries Affected by the Design

| Field Name | Current Value | New Value |
| --- | --- | --- |
| N/A | N/A | N/A |

##### Unique Record(s)

The table below lists the unique record IDs that will be affected by the changes implemented by the design.

Table : Unique Record ID

| Field Name(s) | Current Value | New Value |
| --- | --- | --- |
| OUTPATIENT CLASSIFICATION TYPE file 409.41  New node #9 | N/A | CAMP LEJEUNE |
| ACRP REPORT TEMPLATE PARAMETER file 409.92  New node: #83 | N/A | OE OUTPATIENT ENCOUNTER CL CAMP LEJEUNE CLASS. |
| ACRP REPORT TEMPLATE PARAMETER file 409.92  New node #84 | N/A | PE PATIENT ELIGIBILITY CL CAMP LEJEUNE |
| TRANSMITTED OUTPATIENT ENCOUNTER ERROR CODE file #409.76  New nodes #304 | N/A | Camp Lejeune is missing or invalid |
| TRANSMITTED OUTPATIENT ENCOUNTER ERROR CODE file #409.76  New nodes #305 | N/A | Camp Lejeune is missing or invalid |
| Hl7 PARAMETER file #771  Updated name for #13 | AMBCARE-DH441 | AMBCARE-DH631 |

**File #409.41 RTM #2.6.3.2.2**

^SD(409.41,0)="OUTPATIENT CLASSIFICATION TYPE^409.41^9^9"  
^SD(409.41,"B","CAMP LEJEUNE",9)=""  
^SD(409.41,9,0)="CAMP LEJEUNE^Was treatment related to CAMP LEJEUNE Exposure^Y^^1^Camp Lejeune Exposure^CLV"  
^SD(409.41,9,1)="I $$CLV^SDCO22(DFN,$G(SDOE))"  
^SD(409.41,9,"E",0)="^409.4175DA^1^1"  
^SD(409.41,9,"E",1,0)="2930920^1"  
^SD(409.41,9,"E","AID",-2930920,1)=""  
^SD(409.41,9,"E","B",2930920,1)=""

NUMBER 9

NAME CAMP LEJEUNE

PROMPT Was treatment related to CAMP LEJEUNE Exposure

TYPE YES/NO

DEFAULT NULL

REQUIRED YES

DISPLAY NAME Camp Lejeune Exposure

ABBREVATION CLV

SCREEN I $$CLV^SDCO22(DFN,$G(SDOE))

ACTIVE YES

File description for OUTPATIENT CLASSIFICATION TYPE file.

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

This table file contains types of outpatient classifications. These include

Service Connected, Agent Orange Exposure, Ionizing Radiation Exposure, **Camp**

**Lejeune** and Environmental Contaminants.

If an entry needs to be added, modified or deleted a patch will be issued

instructing the site how to make the change. Otherwise, this table should not be edited in anyway by the site.

**File #409.92**

^SD(409.92,83,0)="1214^OE^OUTPATIENT ENCOUNTER^CL^CAMP LEJEUNE CLASS.^S^^^L^100^^^^^1^0"  
^SD(409.92,83,1)="OECL"  
^SD(409.92,83,7)="D CLQ^SCRPW24(.DIR,""C"")"  
^SD(409.92,83,11)="D OECL^SCRPW24(.SDX,""C"")"  
^SD(409.92,84,0)="0812^PE^PATIENT ELIGIBILITY^CL^CAMPLEJEUNE^S^^^LR^100^^^^^2^0"  
^SD(409.92,84,1)="PECL"  
^SD(409.92,84,7)="D CLQ^SCRPW25(.DIR)"  
^SD(409.92,84,11)="D PECL^SCRPW25(.SDX)"  
^SD(409.92,"B","0812",84)=""  
^SD(409.92,"B",1214,83)=""  
^SD(409.92,"C","OECL",83)=""  
^SD(409.92,"C","PECL",84)=""  
^SD(409.92,"C","CL",84)=""

**File #409.76**

^SD(409.76,304,0)="739^N"  
^SD(409.76,304,1)="Camp Lejeune is missing or invalid"  
^SD(409.76,304,2,0)="^409.7621^2^2^3150422^^^^"  
^SD(409.76,304,2,1,0)="Review Camp Lejeune data through the Load/Edit Patient Data protocol, "  
^SD(409.76,304,2,2,0)="Screen 6, Group 3, Option 5."  
^SD(409.76,304,"CHK")=""  
^SD(409.76,304,"COR")="S RTN=$$LEDT^SCENIA1()"

^SD(409.76,305,0)="7390^V"  
^SD(409.76,305,1)="Camp Lejeune is missing or invalid"  
^SD(409.76,305,2,0)="^^2^2^3150422^"  
^SD(409.76,305,2,1,0)="Review Camp Lejeune data through the Load/Edit Patient Data protocol, "  
^SD(409.76,305,2,2,0)="Screen 6, Group 3, Option 5."  
^SD(409.76,305,"CHK")="S RES=$$VA01^SCMSVUT3(DATA)"  
^SD(409.76,305,"COR")="S RTN=$$LEDT^SCENIA1()"  
^SD(409.76,"B",7390,305)=""  
^SD(409.76,"B",739,304)=""

^SD(409.76,"D","Camp Lejeune is missing or inv",304)=""  
^SD(409.76,"D","Camp Lejeune is missing or inv",305)=""

**File # 771**

^HL(771,12,0)="AMBCARE-DH631^a^463^1885"

##### File or Global Size Changes

Scheduling/Ambulatory Care updated the following:

Table : File or Global Size Changes

| File/Global Name(s) | Estimated Increase | Estimated Decrease |
| --- | --- | --- |
| 409.41 | No file definition or field changes; increased by 1 record | None |
| 409.76 | No file definition of field changes; increased by 2 records | None |
| 409.92 | No file definition or field changes; increased by 2 records | None |
| 771 | No file definition or field changes; no increase | None |

##### Mail Groups

No mail groups are affected.

Table (Grouping): Mail Groups

| Mail Groups | Activities | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
| **Mail Group Name** | N/A | | | | | |
| **Enhancement Category** | New | Modify | | Delete | | No Change |
| **Related Options** | N/A | | | | | |
| Related Routines | Routines “Called By” | | | | Routines “Called” | |
|  | N/A | | | | N/A | |
| Mail Groups | Instructions | | | | | |
| **Data Dictionary (DD) References** | N/A | | | | | |
| **Related Protocols** | N/A | | | | | |
| **Mail Group Description** | N/A | | | | | |
| **Self-Enrollment Allowed** | Yes | | No | | | |
| **Type** | Public | | Private | | | |

##### Security Keys

N/A

Table (Grouping): Security Keys

| Security Keys | | Activities | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Security Key Name** | | N/A | | | | | | | |
| **Enhancement Category** | | New | | Modify | | | Delete | | No Change |
| **Related Options** | | N/A | | | | | | | |
| Related Routines | | Routines “Called By” | | | | | Routines “Called” | | |
| N/A | | N/A | | | | | N/A | | |
| Security Keys | | Activities | | | | | | | |
| **Data Passing** | | Input | Output | | Both | Global Reference | | Local Reference | |
| **Security Key Description** | | N/A | | | | | | | |
| **Subordinate Keys** | | N/A | | | | | | | |
| **Mutually Exclusive Keys** | | N/A | | | | | | | |
| **Granting Condition Logic** | | N/A | | | | | | | |
| Current Logic | | | | | | | | | |
| N/A | | | | | | | | | |
| Modified Logic (Changes are in bold) | | | | | | | | | |
| N/A | | | | | | | | | |
| Security Keys | Activities | | | | | | | | |
| **Hierarchical Precedence** | N/A | | | | | | | | |

##### Options

N/A

Table (Grouping): Options

| Options | Activities | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Option Name** | N/A | | | | | | | | | | |
| **Enhancement Category** | New | | | Modify | | | | Delete | | | No Change |
| **Associated Menu Options that will invoke this reference** | N/A | | | | | | | | | | |
| **Data Passing** | Input | Output | | | Both | | Global Reference | | | Local Reference | |
| **Menu Text Description** | N/A | | | | | | | | | | |
| **Option Type** | Edit | | Print | | | Menu | | | Inquire | | |
| Action | | Run Routine | | | Other | | |  | | |
| **Associated Routine** | N/A | | | | | | | | | | |
| **Option Definition** | N/A | | | | | | | | | | |
| Current Entry Action Logic | | | | | | | | | | | |
| N/A | | | | | | | | | | | |
| Modified Entry Action Logic (Changes are in bold) | | | | | | | | | | | |
| N/A | | | | | | | | | | | |
| Current Exit Action Logic | | | | | | | | | | | |
| N/A | | | | | | | | | | | |
| Modified Exit Action Logic (Changes are in bold) | | | | | | | | | | | |
| N/A | | | | | | | | | | | |

##### Protocols

N/A

Table (Grouping): Protocols

| Protocols | Activities |
| --- | --- |
| **Protocol Name** | N/A |
| **Enhancement Category** | New  Modify  Delete  No Change |
| **Associated Protocols** | N/A |
| **Data Passing** | Input  Output  Both  Global Reference  Local Reference |
| **Item Text Description** | N/A |
| **Protocol Type** | Action  Menu  Protocol  Protocol Menu  Limited Protocol  Extended Action  Dialog  Other |
| **Associated Routine** | N/A |

| Current Entry Action Logic |
| --- |
| N/A |
| Modified Entry Action Logic (Changes are in bold) |
| N/A |
| Current Exit Action Logic |
| N/A |
| Modified Exit Action Logic (Changes are in bold) |
| N/A |

##### Remote Procedure Call (RPC)

N/A

Table : RPCs

| RPCs | Activities | | |
| --- | --- | --- | --- |
| **Name** | N/A | | |
| **TAG^RTN** | N/A | | |
| **Input Parameters** | N/A | | |
| **Results Array** | Single Value | Array | Word Processing |
| Global Array | Global Instance |  |
| **Description** | N/A | | |

##### Constants Defined in Interface

N/A

Table : Constants Defined in Interface

| Name | Description |
| --- | --- |
| N/A | N/A |

##### Variables Defined in Interface

N/A

Table : Variables Defined in Interface

| Name | Type | Description |
| --- | --- | --- |
| N/A | N/A | NA/ |

##### Types Defined in Interface

N/A

Table : Types Defined in Interface

| Name | Type | Description |
| --- | --- | --- |
| NA/ | N/A | N/A |

##### GUI

N/A

Table : GUI

| Unit Name | Description |
| --- | --- |
| N/A | N/A |

##### GUI Classes

N/A

Table : GUI Classes

| GUI Classes | Instructions |
| --- | --- |
| **Class Name** | N/A |
| **Derived From Class** | N/A |
| **Purpose** | N/A |

##### Current Form

N/A

##### Modified Form

N/A

##### Components on Form

N/A

Table : Components on Form

| Name | Type | Description |
| --- | --- | --- |
| N/A | N/A | N/A |

##### Events

N/A

Table : Events

| Name | Type | Description |
| --- | --- | --- |
| N/A | N/A | NA/ |

##### Methods

N/A

Table : Methods

| Method Name | Procedure/Function | Description |
| --- | --- | --- |
| N/A | N/A | N/A |

##### Special References

N/A

Table : Special References

| Special Reference Name | Type | Description |
| --- | --- | --- |
| N/A | N/A | N/A |

##### Class Events

N/A

Table : Class Events

| Name | Type | Description |
| --- | --- | --- |
| N/A | N/A | N/A |

##### Class Methods

N/A

Table : Class Methods

| Name | Procedure/Function | Description |
| --- | --- | --- |
| N/A | N/A | N/A |

##### Class Properties

N/A

Table : Class Properties

| Class Properties Name | Type | Visibility | Description |
| --- | --- | --- | --- |
| N/A | N/A | N/A | N/A |

##### Uses Clause

N/A

##### Forms

N/A

Table (Grouping): Forms

| Forms | Description | | | |
| --- | --- | --- | --- | --- |
| **Form Name** | N/A | | | |
| **Enhancement Category** | New | Modify | Delete | No Change |
| **Form Functionality** | N/A | | | |
| Current Form Layout | | | | |
| N/A | | | | |
| Modified Form Layout (Changes are in bold) | | | | |
| N/A | | | | |

##### Functions

N/A

Table (Grouping): Functions

| Function Name | Activities | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Short Description** | N/A | | | | | | | | |
| **Enhancement Category** | New | | | Modify | | | Delete | | No Change |
| **Related Options** | N/A | | | | | | | | |
| Related Routines | Routines “Called By” | | | | | Routines “Called” | | | |
|  | N/A | | | | | N/A | | | |
| **Data Dictionary (DD) References** | N/A | | | | | | | | |
| **Related Protocols** | N/A | | | | | | | | |
| **Related Integration Control Registrations (ICRs)** | NA/ | | | | | | | | |
| **Data Passing** | Input | Output | Both | | Global Reference | | | Local Reference | |
| **Input Attribute Name and Definition** | Name: N/A | | | | | | | | |
| Definition: N/A | | | | | | | | |
| **Output Attribute Name and Definition** | Name N/A | | | | | | | | |
| Definition: N/A | | | | | | | | |
| Current Logic | | | | | | | | | |
| N/A | | | | | | | | | |
| Modified Logic (Changes are in bold) | | | | | | | | | |
| N/A | | | | | | | | | |

##### Dialog

N/A

Table : Dialog

| Dialog | Instructions | | | |
| --- | --- | --- | --- | --- |
| **Dialog Message (Description)** | N/A | | | |
| **Enhancement Category** | New | Modify | Delete | No Change |
| **Dialog Message (Description) Condition** | N/A | | | |
| **Current Dialog Message (Description)** | N/A | | | |
| **Modified Dialog Message (Description)  (Changes are in bold)** | N/A | | | |

##### Help Frame

N/A

Table (Grouping): Help Frame

| Help Frame | Description | | | |
| --- | --- | --- | --- | --- |
| **Help Frame Text** | N/A | | | |
| **Enhancement Category** | New | Modify | Delete | No Change |
| **Help Frame Text Calling Mechanism** | N/A | | | |
| Current Help Frame Text | | | | |
| N/A | | | | |
| Modified Help Frame Text (Changes are in bold) | | | | |
| N/A | | | | |

##### HL7 Application Parameter

N/A

Table (Grouping): HL7 Application Parameter

| HL7 Application Parameter Name | Description | | | | |
| --- | --- | --- | --- | --- | --- |
| **Enhancement Category** | New | Modify | | Delete | No Change |
| **Application Status** | Active | Inactive | | Active | Inactive |
| Enhancement Category | Current | | Modified | | |
| **Facility Name** | AMBCARE-DH441 | | AMBCARE-DH631 | | |
| **Country Code** | N/A | | N/A | | |
| **HL7 Field Separator** | N/A | | N/A | | |
| **HL7 Encoding Characters** | N/A | | N/A | | |
| **Mail Group** | DGPM UR ADMISSION | | DGPM UR ADMISSION | | |

##### HL7 Logical Link

N/A

Table (Grouping): HL7 Logical Link

| HL7 Logical Link | Description | | | | |
| --- | --- | --- | --- | --- | --- |
| **HL7 Logical Link Parameter Name** | N/A | | | | |
| **Enhancement Category** | New | Modify | | Delete | No Change |
| Enhancement Category | Current | | Modified | | |
| **Node** | N/A | | N/A | | |
| **Institution** | N/A | | N/A | | |
| **Domain** | N/A | | N/A | | |
| **Autostart** | N/A | | N/A | | |
| **Queue Size** | N/A | | N/A | | |
| **LLP Type** | N/A | | N/A | | |

##### COTS Interface

N/A

Table : COTS Interface

| COTS Interface | Description |
| --- | --- |
| **Communication Method** | N/A |
| **Application Interface** | N/A |

## Network Detailed Design

No change in all subsections from previous releases.

## Security and Privacy

No special considerations apply for security and privacy for the CL-V Increment 4 enhancements.

### Security

N/A

### Privacy

N/A

## Service Oriented Architecture / ESS Detailed Design

The current Scheduling/Ambulatory Care package is a VistA legacy application and not based on a Service Oriented Architecture. No enterprise shared services are consumed or provided as part of this project.

### Service Description

Not applicable to VistA.

### Service Design

Not applicable to VistA.

#### Introduction

##### Purpose and Scope of Service

Not applicable to VistA.

##### Links to Other Documents

Not applicable to VistA.

#### Service Details

##### Service Identification

Not applicable to VistA.

Table : Service Identification

| Service Attribute | Value |
| --- | --- |
| N/A | N/A |
| Overview | N/A |
| Version | N/A |
| Latest Status | N/A |
| Service Type | N/A |
| Architecture Layer | N/A |
| Business Domain | N/A |
| Service Domain | N/A |
| Business Organization and Owner | N/A |
| Technical Organization and Owner | N/A |
| Development Organization and Owner | N/A |
| Support Organization and Owner | N/A |
| Target Consumer Organization(s) and Owner(s) | N/A |

##### Service Versions

Not applicable to VistA.

Table : Service Versions

|  |  |  |
| --- | --- | --- |
| Version Numbers | Current Status of Version | A Brief Description of the Change Implemented in that Version |
| N/A | N/A | N/A |

##### Summary of Design and Platform Details

###### SOA Pattern(s) Implemented

Not applicable to VistA.

###### COTS Platform Vendor Names and Versions for Hosting Platform

Not applicable to VistA.

#### Dependencies

Not applicable to VistA.

#### Service Design Details

Not applicable to VistA.

##### Interface Technical Specs

Not applicable to VistA.

###### Service Invocation Type

Not applicable to VistA.

###### Service Interface Type

Not applicable to VistA.

###### Service Name

Not applicable to VistA.

###### Interface

Not applicable to VistA.

###### End Points

Not applicable to VistA.

###### Operations or Methods

Not applicable to VistA.

Table : Operations

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Operation Name | Inputs | Outputs | Transactional Qualities if relevant (Updating?, Atomic?, Can participate in transaction?) | Pre and Post Conditions | Exception (s) |
| N/A | N/A | N/A | N/A | N/A | N/A |

###### Message Schemas

Not applicable to VistA.

##### Information Model

Not applicable to VistA.

###### Class Diagram and Description of Entities Involved

Not applicable to VistA.

###### Mappings from ELDM to Standards Based Schemas

Not applicable to VistA.

##### Behavior Model (AKA Use Case Realization)

Not applicable to VistA.

###### Use Cases (Use Case Model)

Not applicable to VistA.

###### Interaction Diagrams

Not applicable to VistA.

#### Gap Analysis

Not applicable to VistA.

Table : Gap Analysis

| Design Elements🡪  Policies / SLD elements etc.↓ | Design  Element A | Design  Element B | Design  Element C | Comment for Non-Conformance |
| --- | --- | --- | --- | --- |
| N/A | N/A | N/A | N/A | N/A |

##### Variances from Enterprise Target Architecture

Not applicable to VistA.

##### Variances from SLDs

Not applicable to VistA.

##### Variances from Standards and Policies

Not applicable to VistA.

##### Justification for Exceptions and Mitigation

Not applicable to VistA.

# External System Interface Design

N/A

## Interface Architecture

No change from previous releases.

## Interface Detailed Design

No change from previous releases.

# Human-Machine Interface

There are no changes to the human-machine interface for the CL-V enhancements.

## Interface Design Rules

N/A

## Inputs

N/A

## Outputs

N/A

## Navigation Hierarchy

N/A

### Screen [x.1]

N/A

### Screen [x.2]

N/A

### Screen [x.3]

N/A

# Attachment A – Approval Signatures

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Signed: Date:

< Business Sponsor >

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

Signed: Date:

*NAME, CL-V Project Manager*

1. Additional Information

Additional information is provided in the sub-sections that follow.

* 1. Identification of Technology and Standards

The only standard that applies to the patch described in this SDD are the American National Standards Institute [ANSI] standards.

This application conforms to the current VistA Standards and Conventions Committee (SACC) and has passed through all of the VA vetting processes before its national release.

In addition, it utilizes the latest versions of key VistA infrastructure applications (FileMan, Kernel, MailMan, etc.)

This application conforms to the current HL7 standard 2.3.1 for its messaging to databases outside of VistA.

* 1. Constraining Policies, Directives and Procedures

Directive: Public Law 112-154: On August 6, 2012, President Obama signed into law the “Honoring America’s Veterans and Caring for Camp Lejeune Families Act of 2012” (P. L. 112-154). This law provides healthcare for Veterans who served on active duty at Camp Lejeune and reimbursement for healthcare to family members who resided at Camp Lejeune for not fewer than 30 days between August 1, 1953 and December 31, 1987. The law authorizes care for 15 medical conditions, even if there is insufficient medical evidence to conclude that such illnesses or conditions are attributable to the Veterans’ military service or family members’ residence at Camp Lejeune.

The Camp Lejeune-Veterans (CL-V) project improves organizational efficiency in providing services to affected Veterans by ensuring they are appropriately identified as Camp Lejeune eligible, assigning them to Priority Group 6, and waiving co-payments for their conditions related to Camp Lejeune. This helps to address the mandated House Resolution (H.R.) 1627 [now Public Law (P.L.) 112-154, Honoring America’s Veterans], which requires the Department of Veterans Affairs (VA) to provide hospital care and medical services to Veterans who meet the specified conditions.

The changes to the Scheduling/Ambulatory Care package, the subject of this SDD, is one of the backend processing systems for Camp Lejeune related care that allows implementation of Camp Lejeune system changes.

* 1. Requirements Traceability Matrix

The CL-V Increment 4 RTM can be found on CL-V TSPR. The requirements traceability for the Scheduling/Ambulatory Care patch is found on the Scheduling tab and Ambulatory Care tab of the RTM.

* 1. Packaging and Installation

Not applicable to VistA.

* 1. Design Metrics

Not applicable to VistA.