**4860: OR\*3.0\*431 Master Test Plan**

Last Modified: Nov 17, 2016 8:19 AM Creation Date: Aug 21, 2016 7:08 PM

State: Approved

Originator:Ilustrisimo, Lucy (Leidos) Owner: Ilustrisimo, Lucy (Leidos) Priority: Unassigned

Description: This Test Plan details the testing processes and objectives for the Existing Product Intake Program (EPIP) Patch OR\*3.0\*431.

**Summary**

**Categories**

Product: Unassigned

Release: Unassigned

**Business Objectives**

This patch addresses the following NSRs:

1. NSR20080317 Default Encounter Location

This intake has been implemented locally at the VA Medical Centers in Boise VA, Hines IL, Richmond VA., and Seattle WA.

2. NSR20150608 Accession of Site-Supported Lab Test

This intake has been implemented locally at the following VA Medical Centers: VA Heartland - West (Kansas City, Columbia, Topeka, Leavenworth, Wichita); VA Heartland - East (St. Louis, Poplar Bluff, Marion); VA Northern Indiana Health Care System (Marion, Fort Wayne).

3. NSR20141210 CPRS Pop-Up Box

This intake has been implemented locally at the VA Medical Center in Baltimore MD.

**Test Objectives**

This Master Test Plan supports the following objectives:

1. Provide test coverage for 100% of the documented requirements.

2. Provide coverage for all testing types - Unit, Component Integration/System, Functional, and Regression testing.

3. All test cases and scripts will be reviewed by the Development and Test Leads before test execution.

4. Configure test accounts based on VA requirements, such as all released VistA patches are installed in the test accounts so no existing code modifications are overlayed.

5. Test team will execute 100% of the test cases.

6. Test team will execute testing using the Rational Quality Manager tool, set up test execution records, and enter all test results.

7. Test team will execute Test cases/Test scripts in EPIP team test environment D1G1 for VistA and CPRS as well as other VistA applications impacted by the code changes.

8. Record all defects found during testing and track the test versions where the defect was found.

9. Provide Verifiable Objective Evidence (VOE) for the final build.

**Test Data**

The EPIP Test SQA team utilizes the Test data available in the EPIP test environment. All data is encrypted following the VA OIT Data

Encryption process.

Examples of encrypted Test data: AAAFDUH, KUXJB

BADHB, HAADXS CQHSBXQD,UXYI

**Requirements**

**Rational RequisitePro**

**Tag Rational RequisitePro**

**Requirement Collection Links**

**Suspect Contributor Summary**

**Development Plan Links**

**Summary**

**Risk Assessment**

Not Applicable.

**Risk Assessment:**



**Risk Importance Mitigation Action**

**Community Risk:**



Very High: 0

High: 0

Neutral: 0

Low: 0

Very Low 0

**Test Schedule**

**Test Schedule Table**

**Name Description Points Planned Defects Planned Start**

**Date**

**Planned End**

**Date**

**Planned**

**Duration**

**Key Dates Table**

**Name Description Date**

**Test Estimation**

Planning Effort: 0.0 hours

Execution Effort: 0.0 hours

**Software Test Enviroment Details**

SQA Testing for all the Intakes included in the OR\*3.0\*431 patch is executed in the D1G1 test environment. Developers execute their Unit testing in the

EPIP Development Test account, D1S1.

**Test Environments**

Dev1 Silver1

Type: Machine

Dev1 Gold1

Type: Virtual Machine

Dev1 Gold1

Type: Virtual Machine

**Quality Objectives**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Objective** | **Expected** | **Actual Value** | **Status** | **Comments** |
| Percentage of Failed Execution Records | < 10 | 0 | Successful |  |
| Number of Blocked Execution Records | = 0 | 0 | Successful |  |
| Defects Reported | = 1 | 0 | Successful |  |

**Entry Criteria**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Objective** | **Expected** | **Actual Value** | **Status** | **Comments** |
| Test Environment Available | = 1 | 0 | Successful |  |
| Unit Testing Complete | = 1 | 0 | Successful |  |
| Code Modification(s) Complete | = 1 | 0 | Successful |  |
| Test Data Available | = 1 | 0 | Successful |  |

**Exit Criteria**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Objective** | **Expected** | **Actual Value** | **Status** | **Comments** |
| Code Modification(s) Complete | = 1 | 0 | Successful |  |
| Test Results Reported | = 1 | 0 | Successful |  |
| Defects Reported | = 1 | 0 | Successful |  |

**Test Suites**

**ID Priority Name Created By State Owner Weight Modified Executions**

3762 OR\*3.0\*431 Unit Testing Ilustrisimo, Lucy (Leidos)

3765 OR\*3.0\*431 Functional Testing Ilustrisimo, Lucy (Leidos)

Approved Ilustrisimo, Lucy (Leidos)

Approved Ilustrisimo, Lucy (Leidos)

100 Nov 17,

0

2016

100 Nov 17,

1

2016

3824 OR\*3.0\*431 Component Integration and

System Testing

Ilustrisimo,

Lucy (Leidos) Approved

Ilustrisimo,

Lucy (Leidos) 100

Nov 17,

2016 0

3823 OR\*3.0\*431 Regression Testing Ilustrisimo, Lucy (Leidos)

Approved Ilustrisimo, Lucy (Leidos)

100 Nov 17,

2016

1

**Test Cases**

**ID Su Priority Name State Owner Created By TER Weight Modified Validates**

**spect**

**unt**

**Co Requirements**

**Test Case Execution Records**

**ID Priority Name Test Case Test**

**Environment**

NSR 20141210

**Iteration Owner Created By Test Script Last**

**Result**

NSR 20141210

**Modified**

153099 Patient Selection\_Dev1

Gold1

Accession of Site-

CPRS Pop-Up

Box Regression

Testing

NSR 20150608

Accession of Site-

Dev1 Gold1 Unassigned Munipalli, DNS CPRS Pop- Up Box

Yamini (Leidos) Regression Testing

NSR 20080317

Passed

Oct 21,

2016

153101

158979

Supported Lab Test

Regression Testing\_Dev1

Gold1

NSR 20080317 Default

Encounter Location VistA

Supported Lab Test Regression Testing

NSR 20080317

Default Encounter

Dev1 Gold1 Unassigned Henderson, John (Leidos)

Dev1 Gold1 Unassigned Payne, Ronald

DNS Accession of Site- Supported Lab Test

Regression Testing

NSR 20080317

Default Encounter

Passed Oct 21,

2016

Nov 16,

Clinician Menu\_Dev1

Gold1

Location VistA Clinician Menu

(Leidos) DNS

Location VistA Clinician Menu

Passed

2016

**ID Priority Name Test Case Test**

**Environment**

**Iteration Owner Created By Test Script Last**

**Result**

**Modified**

158981

158982

158983

NSR 20080317 Default Encounter Location Add to another user from

Admin Menu\_Dev1 Gold1

NSR 20150608 Accession of Site-Supported Lab

Test\_Dev1 Gold1

NSR 20141210 CPRS Pop-Up Box Validate

NSR 20080317

Default Encounter Location Add to another user from Admin Menu

NSR 20150608

Accession of Site- Supported Lab Test

NSR 20141210

CPRS Pop-Up

Dev1 Gold1 Unassigned Payne, Ronald

(Leidos)

Dev1 Gold1 Unassigned Henderson, John (Leidos)

Dev1 Gold1 Unassigned Munipalli,

DNS

DNS

NSR 20080317

Default Encounter Location- Add to another user from Admin Menu

NSR 20150608

Accession of Site- Supported Lab Test

( Integrated site) NSR 20141210

CPRS Pop-Up

Passed Nov 16,

2016

Passed Nov 16,

2016

Nov 16,

Flags in CPRS\_Dev1

Gold1

NSR 20141210 CPRS

Box Validate Flags in CPRS NSR 20141210

Yamini (Leidos) DNS

Box Validate Flags

Display in CPRS

NSR 20141210

Passed

2016

158984

158985

158980

 Pop-Up Box Remove

Flags\_Dev1 Gold1

NSR 20141210 CPRS Pop-Up Box Validate

 LOCAL NOTICE Flag

Display in CPRS\_Dev1

Gold1

NSR 20080317 Default

Encounter Location Add

CPRS Pop-Up

Box Remove

Flags

NSR 20141210

CPRS Pop-Up Box Validate LOCAL NOTICE Flag Display in CPRS

NSR 20080317

Default Encounter

Dev1 Gold1 Unassigned Payne, Ronald

(Leidos)

Dev1 Gold1 Unassigned Payne, Ronald

(Leidos)

Dev1 Gold1 Unassigned Payne, Ronald

DNS

DNS

CPRS Pop-Up Box

Remove Flags

NSR 20141210

CPRS Pop-Up Box Validate LOCAL NOTICE Flag Display in CPRS

NSR 20080317

Default Encounter

Passed Nov 16,

2016

Passed Nov 16,

2016

Nov 17,

from Admin Menu\_Dev1

Gold1

Default Encounter

Location Add from

Admin Menu

NSR 20080317

Default Encounter

(Leidos) DNS

Location Add from

Admin Menu

NSR 20080317

Passed

2016

153100

Location Regression Test

Case\_Dev1 Gold1

Location Regression Test Case

Dev1 Gold1 Unassigned Payne, Ronald

(Leidos)

DNS

Default Encounter

Location

Regression Testing

Passed Nov 17,

2016

**Attachments**

|  |  |  |
| --- | --- | --- |
| **ID File** | **Size** |  |
| 201474 \\DNS NETAPP1\users$\DNS HENDEJ\Desktop\intake 29\Intake 29\_ Tylenol second Lab order request.PNG |  | 17 kB |
| 201475 \\DNS NETAPP1\users$\DNS HENDEJ\Desktop\intake 29\Intake 29\_CPRS Glucose Lab order request.PNG |  | 19 kB |
| 201476 \\DNS NETAPP1\users$\DNS HENDEJ\Desktop\intake 29\Intake 29\_CPRS Print Orders.PNG |  | 9 kB |
| 201477 \\DNS NETAPP1\users$\DNS HENDEJ\Desktop\intake 29\Intake 29\_Glucose Order Tab View.PNG |  | 37 kB |
| 201478 \\DNS NETAPP1\users$\DNS HENDEJ\Desktop\intake 29\Intake 29-\_Second Lab order - View Orders Tab.PNG |  | 35 kB |

**Test Plan Scope**



**3762: OR\*3.0\*431 Unit Testing**

State: Approved

Originator: Ilustrisimo, Lucy (Leidos) Owner: Ilustrisimo, Lucy (Leidos) Priority: Medium

Parent Test Plan(s): OR\*3.0\*431 Master Test Plan

Description: The purpose of this test suite is to verify the Unit Test results for the EPIP OR\*3.0\*431 code modification.

**Summary**

**Categories**

Function: Unassigned

Test Phase: Developer Test

Estimate: 0 sec

Weight **\*** : 100

**Test Suite Design**

The following test types will be executed for the OR\*3.0\*431 NSR20141210 CPRS Pop-Up Box : Development team:

1. Unit Testing

Test team:

1. Functional Testing

2. Component Integration and System Testing

3. Regression Testing

The EPIP Development and the Test team will access and include any additional testing type as needed based on the code modification.

The team will also be tracking defects found by test version, will complete Test Evaluation and other VA required Testing documents once testing is complete.

**Formal Review**

General Comments

**Pre Condition Post Condition Expected Results Risk Assessment**

**Risk Assessment:**

**Risk Importance Mitigation Action**

**Test Cases**

**Executi**

**on**

**Order**

**ID Priority Test Case Test Environment State Execution**

**Owner**

**Test Script Modified Team Area**

OR\*3.0\*431 NSR20141210 CPRS

1 111760

Pop-Up Box Lab Unit Testing Dev1 Silver1 Approved

OR\*3.0\*431 NSR 20080317

Munipalli, Yamini (Leidos)

OR\*3.0\*431 NSR20141210

CPRS Pop-Up Box Unit Testing

OR\*3.0\*431 NSR 20080317

Nov 15,

2016

2 111753

3 114421

 Default Encounter Location Unit

Testing

OR\*3.0\*431 NSR 20150608

 Accession of Site Supported Lab

Test Unit Testing

Dev1 Silver1 Approved Payne, Ronald

(Leidos)

Dev1 Silver1 Approved Henderson, John (Leidos)

Adding Default Encounter Location to Another user OR\*3.0\*431 NSR 20150608

Accession of Site Supported

Lab Test Unit Testing

Nov 16,

2016

Nov 15,

2016

**Test Suite Execution Records**

**ID Priority Name Test Environment Iteration Owner Created By Last Result**

OR\*3.0\*431 Product 1 Unit

150716

Testing Dev1 Gold1 Unassigned

Ilustrisimo, Lucy

(Leidos) DNS  Passed

**Attachments**

**ID File Size**

**Execution Variables**

**Name Value**

**3765: OR\*3.0\*431 Functional Testing**

State: Approved

Originator: Ilustrisimo, Lucy (Leidos) Owner: Ilustrisimo, Lucy (Leidos) Priority: Medium

Parent Test Plan(s): OR\*3.0\*431 Master Test Plan

Description: The purpose of this test suite is to verify the Functional Test results for the OR\*3.0\*431 code modification.

**Summary**

**Categories**

Function: Unassigned

Test Phase: Integration Test

Estimate: 0 sec

Weight **\*** : 100

**Test Suite Design**

The following test types will be executed for the OR\*3.0\*431: Development team:

1. Unit Testing

Test team:

1. Functional Testing

2. Component Integration and System Testing

3. Regression Testing

The EPIP Development and Test teams will assess any additional testing type as needed based on the code modification.

The team will also be tracking Defects found by test version and will complete a Test Evaluation and other Testing documents once testing is complete.

**Formal Review**

General Comments

**Pre Condition Post Condition Expected Results Risk Assessment**

**Risk Assessment:**



**Risk Importance Mitigation Action**

**Test Cases**

**Executi**

**on**

**Order**

**ID Priority Test Case Test Environment State Execution**

**Owner**

**Test Script Modified Team Area**

NSR 20080317 Default

NSR 20080317 Default Encounter

1 111752

Location VistA Clinician Menu Dev1 Gold1 Approved

NSR 20080317 Default Encounter

2 122021

Location Add from Admin Menu Dev1 Gold1 Approved

Payne, Ronald

(Leidos)

Payne, Ronald

(Leidos)

Encounter Location VistA Clinician Menu

NSR 20080317 Default Encounter Location Add from Admin Menu

Nov 17,

2016

Nov 17,

2016

**Executi**

**on**

**Order**

**ID Priority Test Case Test Environment State Execution**

**Owner**

NSR 20080317 Default Encounter

**Test Script Modified Team Area**

NSR 20080317 Default

3 122028

 Location Add to another user from

Admin Menu

Dev1 Gold1 Approved Payne, Ronald

(Leidos)

Encounter Location- Add to another user from Admin Menu

NSR 20150608 Accession

Nov 16,

2016

NSR 20150608 Accession of Site-

4 111756

Supported Lab Test Dev1 Gold1 Approved

NSR 20141210 CPRS Pop-Up

5 113215

Box Validate Flags in CPRS Dev1 Gold1 Approved

NSR 20141210 CPRS Pop-Up

6 122026

Box Remove Flags Dev1 Gold1 Approved

NSR 20141210 CPRS Pop-Up

Henderson,

John (Leidos)

Munipalli, Yamini (Leidos)

Payne, Ronald

(Leidos)

of Site- Supported Lab Test

( Integrated site)

NSR 20141210 CPRS Pop-Up Box Validate Flags Display in CPRS

NSR 20141210 CPRS Pop-Up

Box Remove Flags

NSR 20141210 CPRS Pop-Up

Nov 17,

2016

Nov 16,

2016

Nov 17,

2016

7 122027

Box Validate LOCAL NOTICE Flag Display in CPRS

Dev1 Gold1 Approved Payne, Ronald

(Leidos)

Box Validate LOCAL NOTICE Flag Display in CPRS

Nov 17,

2016

**Test Suite Execution Records**

**ID Priority Name Test Environment Iteration Owner Created By Last Result**

OR\*3.0\*431 Product 1

150722

Functional Testing Dev1 Gold1 Unassigned

OR\*3.0\*431 Product 001

158978

Functional Testing Dev1 Gold1 Unassigned

Henderson, John

(Leidos) DNS  Passed

Ilustrisimo, Lucy

(Leidos) DNS  Passed

**Attachments**

**ID File Size**

**Execution Variables**

**Name Value**

**3824: OR\*3.0\*431 Component Integration and System Testing**

State: Approved

Originator: Ilustrisimo, Lucy (Leidos) Owner: Ilustrisimo, Lucy (Leidos) Priority: Medium

Parent Test Plan(s): OR\*3.0\*431 Master Test Plan

Description: The purpose of this test suite is to verify the Component Integration and System Test results for the EPIP OR\*3.0\*431 code modification.

**Summary**

**Categories**

Function: Unassigned

Test Phase: Integration Test

Estimate: 0 sec

Weight **\*** : 100

**Test Suite Design**

**Formal Review**

General Comments

**Pre Condition Post Condition Expected Results Risk Assessment**

**Risk Assessment:**



**Risk Importance Mitigation Action**

**Test Cases**

**Executi**

**on**

**Order**

**ID Priority Test Case Test Environment State Execution**

**Owner**

NSR 20141210 CPRS Pop-Up

**Test Script Modified Team Area**

NSR 20141210 CPRS Pop-Up

1 113216

2 111754

3 111757

 Box Component Integration and

System Testing

NSR 20080317 Default Encounter

 Location Component Integration and System Testing

NSR 20150608 Accession of Site- Supported Lab Test Component

Integration and System Testing

Dev1 Gold1 Approved Munipalli, Yamini (Leidos)

Dev1 Gold1 Approved Payne, Ronald

(Leidos)

Dev1 Gold1 Approved Henderson, John (Leidos)

Box Component Integration and

System Testing

NSR 20080317 Default Encounter Location Component Integration and System Testing NSR 20150608 Accession

of Site-Supported Lab Test

Component Integration and

System Testing

Nov 17,

2016

Nov 17,

2016

Nov 15,

2016

**Test Suite Execution Records**

**ID Priority Name Test Environment Iteration Owner Created By Last Result**

OR\*3.0\*431 Product 1

149415

Component Integration and

System Test

Dev1 Gold1 Unassigned Ilustrisimo, Lucy

(Leidos)

DNS Passed

**Attachments**

**ID File Size**

**Execution Variables**

**Name Value**

**3823: OR\*3.0\*431 Regression Testing**

State: Approved

Originator: Ilustrisimo, Lucy (Leidos) Owner: Ilustrisimo, Lucy (Leidos) Priority: Medium

Parent Test Plan(s): OR\*3.0\*431 Master Test Plan

Description: The purpose of this test suite is to verify the Regression Test results for the EPIP OR\*3.0\*431 code modification.

**Summary**

**Categories**

Function: Unassigned

Test Phase: Integration Test

Estimate: 0 sec

Weight **\*** : 100

**Test Suite Design**

**Formal Review**

General Comments

**Pre Condition Post Condition Expected Results Risk Assessment**

**Risk Assessment:**



**Risk Importance Mitigation Action**

**Test Cases**

**Executi**

**on**

**Order**

**ID Priority Test Case Test Environment State Execution**

**Owner**

**Test Script Modified Team Area**

NSR 20141210 CPRS Pop-Up

1 113217

Box Regression Testing Dev1 Gold1 Approved

NSR 20080317 Default Encounter

2 111751

Location Regression Test Case Dev1 Gold1 Approved

NSR 20150608 Accession of Site-

Munipalli, Yamini (Leidos)

Payne, Ronald

(Leidos)

NSR 20141210 CPRS Pop- Up

Box Regression Testing

NSR 20080317 Default Encounter Location Regression Testing

NSR 20080317 Accession

Nov 17,

2016

Nov 17,

2016

3 111758

Supported Lab Test Regression

Testing

Dev1 Gold1 Approved Henderson, John (Leidos)

of Site-Supported Lab Test

Regression Testing

Nov 17,

2016

**Test Suite Execution Records**

**ID Priority Name Test Environment Iteration Owner Created By Last Result**

OR\*3.0\*431 Product 1

153098

Regression Testing Dev1 Gold1 Unassigned

Henderson, John

(Leidos) DNS  Passed

**Attachments**

**ID File Size**

**Execution Variables**

**Name Value**