Existing Product Intake Program (EPIP)

Patch PSB\*3.0\*100

Section 508  
Compliance Test Results



Department of Veterans Affairs

**October 2017**

**Version 1.0**

Revision History

| Date | Version | Description | Author |
| --- | --- | --- | --- |
| 10/13/2017 | 1.0 | Initial version | EPIP Project Team |

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# Introduction

The Leidos SQA Team 508 Representative completed Section 508 compliance testing of Patch PSB\*3.0\*100 on October 12, 2017. The 508 test scripts are stored in Rational Quality Management (QM) and were executed in the D1G1 test account. The testing tools utilized and test results are identified in this report.

For further information on this report, please contact Mary Gaynor ([PII](mailto:PII)).

# Product Description

Patch PSB\*3.0\*100 enables Pharmacy personnel to display unresolved missing dose requests for a single division within a multidivisional site when using the Missing Dose Followup [PSB MISSING DOSE FOLLOWUP] option in VistA. Division selection is enabled when the site is defined as multidivisional in the MAS PARAMETER (#43) file. If the site is multidivisional, then the user can select one or all divisions when displaying missing dose requests. If the site is not multidivisional, then there is no change to existing functionality; reporting procedures and results for single-division sites are not affected by this patch.

If a user at a multidivisional site enters “O” (One) at the “Do you want ‘A’ll Divisions or just ‘O’ne Division:” prompt, then VistA displays the “Select Division:” prompt. The prompt defaults to the division used for VistA login. The user can accept the default or enter “?” to choose from a list of site divisions. The divisions available for selection are those in the MEDICAL CENTER DIVISION (#40.8) file. If a multidivisional user selects all divisions, then missing dose requests for all divisions in the MEDICAL CENTER DIVISION file are displayed.

Currently, the Missing Dose Followup option lists missing dose requests for patients across all divisions at a multidivisional site. Users must manually search through multiple screens to select patients from their division who require follow-up. This enhancement adds the new DIVAS cross reference for the BCMA MISSING DOSE REQUEST (#53.68) file, enabling the Missing Dose Followup option to sort and present file entries by status (Unresolved) and division. At the end of the installation process, this file will be re-indexed with the new cross reference. No user action is required to start the re-indexing operation.

By filtering the display of missing dose requests by division, this modification helps ensure the timely reporting and administration of missed medication doses.

# Test Methodology

Section 508 compliance testing was conducted by one EPIP SQA test engineer: a sighted and knowledgeable Section 508 Tester for various VA projects. The sighted engineer performed testing using JAWS screen reader. It should be noted that since Section 508 standards do not recommend the use of one specific assistive technology over other solutions, the test results should be taken in the context of US Access Board guidelines and standards.

This compliance test consisted of a manual review of all screens using keyboard navigation to all controls and content. All Section 508 issues encountered are listed in the Defect Log in the *Test Results* section of this report.

**Tester(s):** Mary Gaynor

**Date Performed:** October 12, 2017

**Test Environment:**

**Operating System:** Windows 7 Enterprise, Service Pack 1

**Screen Readers:** JAWS 18.0

**Minimum System Requirements:** Micro Focus Relection Desktop Pro v16.0 Service Pack 1 (16.0.308.0)

# Test Results

Section 508 Self-Certification was performed using the option PSB Pharmacy (Medication Administration Menu Pharmacy), selecting Missing Dose Followup and verifying that JAWS is able to read the following:

1. New prompt, “Do you want (A)ll Divisions or just (O)ne Division.”
2. Help (?) text for the new prompt.
3. New prompt, “Select Division” when One Division is selected.
4. List of Divisions for the new prompt when a ? is typed.
5. Message "You have no valid divisions in the NEW PERSON FILE."
6. Message "Your NEW PERSON file division was not found in the MEDICAL CENTER DIVISION file."
7. The Division Name displayed on the header of Missing Dose Followup when one division is selected.

JAWS was able to read all of the items listed above. At times, JAWS would skip reading one or more lines from #2 and #4 above. Additionally, at times, JAWS would skip reading the message in #5 and #6 above. Skipping text is a known issue with JAWS and Micro Focus and has been discussed with the VA Section 508 Team. No solution is available at this time.

No Section 508 defects were identified during Self-Certification in the D1G1 environment. Patch PSB\*3.0\*100 is assigned a Section 508 status of **Conformant**.

**DEFECT LOG**

| **CM Defect #** | **Description** | **Related Test Case** | **Date** | **Reported by** |
| --- | --- | --- | --- | --- |
| N/A |  |  |  |  |

# Section 508 References

A Quick Reference Guide on Section 508 documents and other related resources are available at:

* <https://DNS/rm/web>
* <http://accessibilityforum.org/paper_tool.html>

The following are available at <https://DNS/guidelines-and-standards/communications-and-it/about-the-section-508-standards/section-508-standards>:

* Subpart B, section 1194.21, “Software Applications and Operating Systems”
* Subpart C, section 1194.31, “Functional Performance Criteria”
* Subpart D, section 1194.41, “Information, Documentation, and Support”

Guidelines for section 1194.21 are available at:

* <https://DNS/guidelines-and-standards/communications-and-it/about-the-section-508-standards/guide-to-the-section-508-standards/software-applications-and-operating-systems-1194-21>