

Fulcrum Accessibility Conformance Report

VPAT® Version 2.1 – August 2018

Name of Product/Version: Fulcrum v2.17.1

Date: August 2018

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Evaluation Methods Used: NVDA with Mozilla Firefox, VoiceOver with Safari, Axe Accessibility Chrome extension, Zoom Text Only Chrome extension, OpenDyslexic Font - Helperbird Chrome extension, WebAIM Color Contrast Checker, Windows accessibility settings (high contrast), manual keyboard checks

Notes: **This report evaluates the platform functionality not the accessibility of specific content.** VPATs specific to content will be generated in the future and made available at <https://fulcrum.org/accessibility>. If you need a content-specific VPAT prior to its availability please e-mail fulcrum-info@umich.edu.

This report was generated by evaluating the following projects on Fulcrum: [Selma and the Liuzzo Murder Trials: The First Modern Civil Rights Convictions by James P. Turner](#), [Show Sold Separately: Promos, Spoilers, and Other Media Paratexts by Jonathan Gray](#), and [A Mid-Republican House From Gabii](#).

Applicable Standards/Guidelines

This report covers the degree of conformance for the following accessibility standard/guidelines:

Standard/Guideline	Included in Report
<p>Web Content Accessibility Guidelines 2.0, at http://www.w3.org/TR/2008/REC-WCAG20-20081211/</p> <p>Jump to WCAG 2.0 Level A Report</p> <p>Jump to WCAG 2.0 Level AA Report</p> <p>Jump to WCAG 2.0 Level AAA Report</p>	<p>Level A – Yes</p> <p>Level AA – Yes</p> <p>Level AAA – Yes</p>
<p>Section 508 as published in 2017, at http://www.Section508.gov</p> <p>Jump to Section 508 Report</p>	<p>Yes</p>
<p>EN 301 549 Accessibility requirements suitable for public procurement of ICT products and services in Europe, at http://mandate376.standards.eu/standard</p> <p>Jump to EN 301 549 Report</p>	<p>Yes</p>

Terms

The terms used in the Conformance Level information are defined as follows:

- **Supports:** The functionality of the product has at least one method that meets the criterion without known defects or meets with equivalent facilitation.
- **Supports with Exceptions:** Some functionality of the product does not meet the criterion.
- **Does Not Support:** The majority of product functionality does not meet the criterion.
- **Not Applicable:** The criterion is not relevant to the product.
- **Not Evaluated:** The product has not been evaluated against the criterion. This can be used only in WCAG 2.0 Level AAA.

WCAG 2.0 Report

Tables 1 and 2 also document conformance with:

- EN 301 549: Chapter 9 – Web, Chapter 10 – Non-Web documents, Section 11.2.1- Non-Web Software (excluding closed functionality), and Section 11.2.2 – Non-Web Software (closed functionality).
- Revised Section 508: Chapter 5 – 501.1 Scope, 504.2 Content Creation or Editing, and Chapter 6 – 602.3 Electronic Support Documentation.

Note: When reporting on conformance with the WCAG 2.0 Success Criteria, they are scoped for full pages, complete processes, and accessibility-supported ways of using technology as documented in the [WCAG 2.0 Conformance Requirements](#).

Table 1: Success Criteria, Level A

Criteria	Conformance Level	Remarks and Explanations
<p>1.1.1 Non-text Content (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> ● 9.2.1 (Web) ● 10.2.1 (non-web document) ● 11.2.1.1 (Software) ● 11.2.2.1 (Closed Functionality Software) ● 11.6.2 (Authoring Tool) ● 12.1.2 (Product Docs) ● 12.2.4 (Support Docs) <p>2017 Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) 	<p>Supports with Exceptions</p>	<p>Form fields and buttons include labels. Images have capability for alt-text. Videos have capability for captions, transcripts, and audio descriptions.</p> <p>Exceptions:</p> <p>When searching assets tied to a work, within the Media panel the buttons to clear search filters read as “[remove]” links in screen reader view and don’t show up as buttons.</p> <p>NVDA-only exceptions: In the Fulcrum E-Reader and changing location using the navigation slider, each location is read as a number without a clear indication that this is a percentage.</p> <p>VoiceOver-only exceptions: When changing text size in reader preferences, percentage is read as out of 100%, not the percentage by which text size is enlarged.</p>

Criteria	Conformance Level	Remarks and Explanations
		<p>When changing location in the reader via the scroll bar, each location is read as “0” not the correct percentage or location.</p>
<p>1.2.1 Audio-only and Video-only (Prerecorded) (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> ● 9.2.2 (Web) ● 10.2.2 (non-web document) ● 11.2.1.2 (Software) ● 11.2.2.2.1 and 11.2.2.2.2 (Closed Software) ● 11.6.2 (Authoring Tool) ● 12.1.2 (Product Docs) 	<p>Supports</p>	<p>The video player supports captions and transcripts. The audio player supports transcripts.</p>

Criteria	Conformance Level	Remarks and Explanations
<ul style="list-style-type: none"> ● 12.2.4 (Support Docs) 2017 Section 508 ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) 		
<p>1.2.2 Captions (Prerecorded) (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> ● 9.2.3 (Web) ● 10.2.3 (non-web document) ● 11.2.1.3 (Software) ● 11.2.2.3 (Closed Software) – Does not apply ● 11.6.2 (Authoring Tool) ● 12.1.2 (Product Docs) 	Supports	The video player supports captions and transcripts.

Criteria	Conformance Level	Remarks and Explanations
<ul style="list-style-type: none"> ● 12.2.4 (Support Docs) 2017 Section 508 ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) 		
<p>1.2.3 Audio Description or Media Alternative (Prerecorded)(Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> ● 9.2.4 (Web) ● 10.2.4 (non-web document) ● 11.2.1.4 (Software) ● 11.2.2.4 (Closed Software) ● 11.6.2 (Authoring Tool) ● 12.1.2 (Product Docs) ● 12.2.4 (Support Docs) 	Supports	The video player supports captions, transcripts, and audio descriptions. The audio player supports transcripts.

Criteria	Conformance Level	Remarks and Explanations
<p>2017 Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) 		
<p>1.3.1 Info and Relationships (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> ● 9.2.7 (Web) ● 10.2.7 (non-web document) ● 11.2.1.7 (Software) ● 11.2.2.7 (Closed Software) – Does not apply ● 11.6.2 (Authoring Tool) 	<p>Supports with Exceptions</p>	<p>Most of the information, structure, and relationships can be programmatically determined.</p> <p>Exceptions:</p> <p>On monograph catalog pages, the table of contents is the default tab and it's not immediately obvious to screen reader users based on the listing of headings and links that other tabs exist. The tabs and tab panels however are accessible and functional to screen reader</p>

Criteria	Conformance Level	Remarks and Explanations
<ul style="list-style-type: none"> ● 12.1.2 (Product Docs) ● 12.2.4 (Support Docs) <p>2017 Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) 		<p>technology and keyboard-only users.</p> <p>In the Fulcrum E-Reader, when a book has embedded content such as a video or image, the link is read as “Fulcrum logo” rather than the name of the media element.</p> <p>In the Fulcrum E-Reader, the feedback link in the reader shows up as unlabeled to the screen reader.</p> <p>In the Fulcrum E-Reader when reading a book chapter, zoom and video player controls for each of the embedded pieces of media in the current chapter show up as buttons, which could potentially make it difficult to navigate quickly through the book and get to the menu buttons.</p> <p>In the Fulcrum E-Reader, depending on how the book content is encoded and if it has embedded media, the heading structure can cause confusion with multiple top-level headings and media players listed as headings.</p>

Criteria	Conformance Level	Remarks and Explanations
		<p>VoiceOver-only Exception:</p> <p>In the Fulcrum E-Reader, not all links in a book chapter read in the rotor (if video or image is selected, only the links for those controls are visible in the rotor). When focus is in the book, reader menu bars and controls (e.g. close reader, preferences, table of contents) no longer show up in links or buttons - users have to cycle through the entire chapter and out of the book to get back to these controls.</p>
<p>1.3.2 Meaningful Sequence (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> ● 9.2.8 (Web) ● 10.2.8 (non-web document) ● 11.2.1.8 (Software) ● 11.2.2.8 (Closed Software) – Does not apply ● 11.6.2 (Authoring Tool) 	<p>Supports with Exceptions</p>	<p>See comments for 1.3.1.</p>

Criteria	Conformance Level	Remarks and Explanations
<ul style="list-style-type: none"> ● 12.1.2 (Product Docs) ● 12.2.4 (Support Docs) <p>2017 Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) 		
<p>1.3.3 Sensory Characteristics (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> ● 9.2.9 (Web) ● 10.2.9 (non-web document) ● 11.2.1.9 (Software) ● 11.2.2.9 (Closed Software) <ul style="list-style-type: none"> – Does not apply ● 11.6.2 (Authoring Tool) ● 12.1.2 (Product Docs) 	<p>Supports with Exceptions</p>	<p>Most controls provide text labels not solely sensory characteristics. See exceptions above for 1.3.1 (links in the Fulcrum E-Reader).</p>

Criteria	Conformance Level	Remarks and Explanations
<ul style="list-style-type: none"> ● 12.2.4 (Support Docs) 2017 Section 508 ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) 		
<p>1.4.1 Use of Color (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> ● 9.2.10 (Web) ● 10.2.10 (non-web document) ● 11.2.1.10 (Software) ● 11.2.2.10 (Closed Software) – Does not apply ● 11.6.2 (Authoring Tool) ● 12.1.2 (Product Docs) 	Supports with Exceptions	<p>Color is only used as a decorative or supplemental attribute of user interface elements. A textual representation is always used as the primary mechanism for conveying information.</p> <p>Exceptions:</p> <p>In the Fulcrum E-Reader, when searching inside a book and following a search result to its occurrence in the text, the matched result is only indicated through highlighting of the matched text.</p>

Criteria	Conformance Level	Remarks and Explanations
<ul style="list-style-type: none"> ● 12.2.4 (Support Docs) 2017 Section 508 ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) 		
<p>1.4.2 Audio Control (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> ● 9.2.11 (Web) ● 10.2.11 (non-web document) ● 11.2.1.11 (Software) ● 11.2.2.11 (Closed Software) – Does not apply ● 11.6.2 (Authoring Tool) ● 12.1.2 (Product Docs) 	Supports	There is no audio that plays automatically. The video player provides capabilities for pausing and adjusting the volume of video content with keyboard control and labels for screen reader access.

Criteria	Conformance Level	Remarks and Explanations
<ul style="list-style-type: none"> ● 12.2.4 (Support Docs) 2017 Section 508 ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) 		
<p>2.1.1 Keyboard (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> ● 9.2.15 (Web) ● 10.2.15 (non-web document) ● 11.2.1.15 (Software) ● 11.2.2.15 (Closed Software) ● 11.6.2 (Authoring Tool) ● 12.1.2 (Product Docs) ● 12.2.4 (Support Docs) 	<p>Supports with Exceptions</p>	<p>Fulcrum supports standard keyboard navigation and input functions (such as pressing [Tab] to move between input fields, pressing the arrow keys to move between list items, and pressing [Space] or [Enter] to make selections).</p> <p>Exceptions:</p> <p>In Chrome, Edge, and Safari, keyboard users can't scroll through the transcripts for video and audio. Transcripts are keyboard accessible in Firefox.</p>

Criteria	Conformance Level	Remarks and Explanations
<p>2017 Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) 		<p>Users cannot adjust the interactive stats charts on monograph catalog pages with keyboard controls.</p>
<p>2.1.2 No Keyboard Trap (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> ● 9.2.16 (Web) ● 10.2.16 (non-web document) ● 11.2.1.16 (Software) ● 11.2.2.16 (Closed Software) – Does not apply ● 11.6.2 (Authoring Tool) ● 12.1.2 (Product Docs) 	<p>Supports</p>	<p>Fulcrum supports standard keyboard navigation. Keyboard users cannot be trapped in a subset of content.</p>

Criteria	Conformance Level	Remarks and Explanations
<ul style="list-style-type: none"> ● 12.2.4 (Support Docs) 2017 Section 508 ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) 		
<p>2.2.1 Timing Adjustable (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> ● 9.2.17 (Web) ● 10.2.17 (non-web document) ● 11.2.1.17 (Software) ● 11.2.2.17 (Closed Software) – Does not apply ● 11.6.2 (Authoring Tool) ● 12.1.2 (Product Docs) 	Not Applicable.	There are no time limits set on content.

Criteria	Conformance Level	Remarks and Explanations
<ul style="list-style-type: none"> ● 12.2.4 (Support Docs) 2017 Section 508 ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) 		
<p>2.2.2 Pause, Stop, Hide (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> ● 9.2.18 (Web) ● 10.2.18 (non-web document) ● 11.2.1.18 (Software) ● 11.2.2.18 (Closed Software) – Does not apply ● 11.6.2 (Authoring Tool) ● 12.1.2 (Product Docs) 	Not Applicable	There is no moving, blinking, scrolling, or auto-updating information.

Criteria	Conformance Level	Remarks and Explanations
<ul style="list-style-type: none"> ● 12.2.4 (Support Docs) 2017 Section 508 ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) 		
<p>2.3.1 Three Flashes or Below Threshold (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> ● 9.2.19 (Web) ● 10.2.19 (non-web document) ● 11.2.1.19 (Software) ● 11.2.2.19 (Closed Software) – Does not apply ● 11.6.2 (Authoring Tool) 	Not Applicable	There are no flashing elements.

Criteria	Conformance Level	Remarks and Explanations
<ul style="list-style-type: none"> ● 12.1.2 (Product Docs) ● 12.2.4 (Support Docs) <p>2017 Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) 		
<p>2.4.1 Bypass Blocks (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> ● 9.2.20 (Web) ● 10.2.20 (non-web document) – Does not apply ● 11.2.1.20 (Software) – Does not apply ● 11.2.2.20 (Closed Software) – Does not apply 	Supports	A hidden link (available to screen readers) allows users to skip to the main content of each page.

Criteria	Conformance Level	Remarks and Explanations
<ul style="list-style-type: none"> ● 11.6.2 (Authoring Tool) ● 12.1.2 (Product Docs) ● 12.2.4 (Support Docs) <p>2017 Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) – Does not apply to non-web software ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) – Does not apply to non-web docs 		
<p>2.4.2 Page Titled (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> ● 9.2.21 (Web) ● 10.2.21 (non-web document) ● 11.2.1.21 (Software) – Does not apply ● 11.2.2.21 (Closed Software) – Does not apply ● 11.6.2 (Authoring Tool) 	Supports	Web pages have descriptive titles that indicate the content of each page.

Criteria	Conformance Level	Remarks and Explanations
<ul style="list-style-type: none"> ● 12.1.2 (Product Docs) ● 12.2.4 (Support Docs) <p>2017 Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) 		
<p>2.4.3 Focus Order (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> ● 9.2.22 (Web) ● 10.2.22 (non-web document) ● 11.2.1.22 (Software) ● 11.2.2.22 (Closed Software) – Does not apply ● 11.6.2 (Authoring Tool) ● 12.1.2 (Product Docs) 	<p>Supports with Exceptions</p>	<p>Pages use a logical tab order that preserves meaning and operability with some exceptions.</p> <p>Exceptions:</p> <p>In the Fulcrum E-Reader, once the user tabs into a book, pressing [TAB] takes them to the next note or link in the text. A user will have to go through all of the links in the chapter before they can get to the next page button, navigation slider, and feedback buttons. However, keyboard navigation</p>

Criteria	Conformance Level	Remarks and Explanations
<ul style="list-style-type: none"> ● 12.2.4 (Support Docs) 2017 Section 508 ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) 		<p>shortcuts (arrow keys) allow users to quickly flip between pages.</p> <p>In the Fulcrum E-Reader, when a user tabs into a book, they are taken back to the first link in the chapter, rather than the first link on the currently opened page.</p>
<p>2.4.4 Link Purpose (In Context) (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> ● 9.2.23 (Web) ● 10.2.23 (non-web document) ● 11.2.1.23 (Software) ● 11.2.2.23 (Closed Software) – Does not apply ● 11.6.2 (Authoring Tool) 	<p>Supports with Exceptions</p>	<p>Fulcrum supports functionality for descriptive label attributes for links.</p> <p>Exceptions:</p> <p>In the reader, the embedded content links read as “Fulcrum logo” rather than the name of the media element.</p>

Criteria	Conformance Level	Remarks and Explanations
<ul style="list-style-type: none"> ● 12.1.2 (Product Docs) ● 12.2.4 (Support Docs) <p>2017 Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) 		
<p>3.1.1 Language of Page (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> ● 9.2.27 (Web) ● 10.2.27 (non-web document) ● 11.2.1.27 (Software) ● 11.2.2.27 (Closed Software) ● 11.6.2 (Authoring Tool) ● 12.1.2 (Product Docs) ● 12.2.4 (Support Docs) 	Supports	Fulcrum uses the language attribute on the HTML element to specify the default language of each page.

Criteria	Conformance Level	Remarks and Explanations
<p>2017 Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) 		
<p>3.2.1 On Focus (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> ● 9.2.29 (Web) ● 10.2.29 (non-web document) ● 11.2.1.29 (Software) ● 11.2.2.29 (Closed Software) – Does not apply ● 11.6.2 (Authoring Tool) ● 12.1.2 (Product Docs) 	<p>Supports with Exceptions</p>	<p>In the Fulcrum E-Reader, when a user tabs into a book, they are taken back to the first link in the chapter, rather than the first link on the currently opened page.</p>

Criteria	Conformance Level	Remarks and Explanations
<ul style="list-style-type: none"> ● 12.2.4 (Support Docs) 2017 Section 508 ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) 		
<p>3.2.2 On Input (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> ● 9.2.30 (Web) ● 10.2.30 (non-web document) ● 11.2.1.30 (Software) ● 11.2.2.30 (Closed Software) – Does not apply ● 11.6.2 (Authoring Tool) ● 12.1.2 (Product Docs) 	Supports	Changing the setting of a component does not initiate a change of context.

Criteria	Conformance Level	Remarks and Explanations
<ul style="list-style-type: none"> ● 12.2.4 (Support Docs) 2017 Section 508 ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) 		
<p>3.3.1 Error Identification (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> ● 9.2.33 (Web) ● 10.2.33 (non-web document) ● 11.2.1.33 (Software) ● 11.2.2.33 (Closed Software) ● 11.6.2 (Authoring Tool) ● 12.1.2 (Product Docs) ● 12.2.4 (Support Docs) 	Not Applicable	There are no opportunities for input errors.

Criteria	Conformance Level	Remarks and Explanations
<p>2017 Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) 		
<p>3.3.2 Labels or Instructions (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> ● 9.2.34 (Web) ● 10.2.34 (non-web document) ● 11.2.1.34 (Software) ● 11.2.2.34 (Closed Software) – Does not apply ● 11.6.2 (Authoring Tool) 	Supports	Labels are provided for elements requiring user input.

Criteria	Conformance Level	Remarks and Explanations
<ul style="list-style-type: none"> ● 12.1.2 (Product Docs) ● 12.2.4 (Support Docs) <p>2017 Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) 		
<p>4.1.1 Parsing (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> ● 9.2.37 (Web) ● 10.2.37 (non-web document) ● 11.2.1.37 (Software) ● 11.2.2.37 (Closed Software) – Does not apply ● 11.6.2 (Authoring Tool) ● 12.1.2 (Product Docs) 	Supports	Fulcrum uses semantically-correct markup for all interface elements. The markup is programmatically generated to prevent parsing errors.

Criteria	Conformance Level	Remarks and Explanations
<ul style="list-style-type: none"> ● 12.2.4 (Support Docs) 2017 Section 508 ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) 		
<p>4.1.2 Name, Role, Value (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> ● 9.2.38 (Web) ● 10.2.38 (non-web document) ● 11.2.1.38 (Software) ● 11.2.2.38 (Closed Software) – Does not apply ● 11.6.2 (Authoring Tool) ● 12.1.2 (Product Docs) 	Supports with Exceptions	Fulcrum uses standard HTML and WAI-ARIA attributes to describe the identity, operation, and state of user interface elements to Assistive Technologies. See 1.3.3 for exceptions.

Criteria	Conformance Level	Remarks and Explanations
<ul style="list-style-type: none">● 12.2.4 (Support Docs) 2017 Section 508 ● 501 (Web)(Software)● 504.2 (Authoring Tool)● 602.3 (Support Docs)		

Table 2: Success Criteria, Level AA

Criteria	Conformance Level	Remarks and Explanations
<p>1.2.4 Captions (Live) (Level AA)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> ● 9.2.5 (Web) ● 10.2.5 (non-web document) ● 11.2.1.5 (Software) ● 11.2.2.5 (Closed Software) – Does not apply ● 11.6.2 (Authoring Tool) ● 12.1.2 (Product Docs) ● 12.2.4 (Support Docs) <p>2017 Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) 	<p>Not Applicable</p>	<p>Fulcrum does not include live video and audio content.</p>

Criteria	Conformance Level	Remarks and Explanations
<p>1.2.5 Audio Description (Prerecorded) (Level AA)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> ● 9.2.6 (Web) ● 10.2.6 (non-web document) ● 11.2.1.6 (Software) ● 11.2.2.6 (Closed Software) – Does not apply ● 11.6.2 (Authoring Tool) ● 12.1.2 (Product Docs) ● 12.2.4 (Support Docs) <p>2017 Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) 	<p>Supports</p>	<p>The video player supports audio description.</p>

Criteria	Conformance Level	Remarks and Explanations
<p>1.4.3 Contrast (Minimum) (Level AA)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> ● 9.2.12 (Web) ● 10.2.12 (non-web document) ● 11.2.1.12 (Software) ● 11.2.2.12 (Closed Software) – Does not apply ● 11.6.2 (Authoring Tool) ● 12.1.2 (Product Docs) ● 12.2.4 (Support Docs) <p>2017 Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) 	<p>Supports</p>	<p>The visual presentation of text and images of text provides sufficient color contrast.</p>

Criteria	Conformance Level	Remarks and Explanations
<p>1.4.4 Resize text (Level AA)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> ● 9.2.13 (Web) ● 10.2.13 (non-web document) ● 11.2.1.13 (Software) ● 11.2.2.13 (Closed Software) ● 11.6.2 (Authoring Tool) ● 12.1.2 (Product Docs) ● 12.2.4 (Support Docs) <p>2017 Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) 	<p>Supports</p>	<p>Fulcrum supports standard zoom capabilities built into modern web browsers and operating systems.</p> <p>The Fulcrum E-Reader has a built-in zoom feature allowing text to be resized up to 400%.</p>

Criteria	Conformance Level	Remarks and Explanations
<p>1.4.5 Images of Text (Level AA)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> ● 9.2.14 (Web) ● 10.2.14 (non-web document) ● 11.2.1.14 (Software) ● 11.2.2.14 (Closed Software) – Does not apply ● 11.6.2 (Authoring Tool) ● 12.1.2 (Product Docs) ● 12.2.4 (Support Docs) <p>2017 Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) 	<p>Supports</p>	<p>The Fulcrum platform does not use images of text, with the exception of logos that are properly indicated as such to assistive technology.</p>

Criteria	Conformance Level	Remarks and Explanations
<p>2.4.5 Multiple Ways (Level AA)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> ● 9.2.24 (Web) ● 10.2.24 (non-web document) – Does not apply ● 11.2.1.24 (Software) – Does not apply ● 11.2.2.24 (Closed Software) – Does not apply ● 11.6.2 (Authoring Tool) ● 12.1.2 (Product Docs) ● 12.2.4 (Support Docs) <p>2017 Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) – Does not apply to non-web software ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) – Does not apply to non-web docs 	<p>Supports</p>	<p>The Fulcrum platform provides navigation links, search functions, table of contents, embedded media, and links to media from the Fulcrum E-Reader and from monograph catalog pages.</p>

Criteria	Conformance Level	Remarks and Explanations
<p>2.4.6 Headings and Labels (Level AA)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> ● 9.2.25 (Web) ● 10.2.25 (non-web document) ● 11.2.1.25 (Software) ● 11.2.2.25 (Closed Software) – Does not apply ● 11.6.2 (Authoring Tool) ● 12.1.2 (Product Docs) ● 12.2.4 (Support Docs) <p>2017 Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) 	<p>Supports with Exceptions</p>	<p>Fulcrum provides capabilities for defining descriptive headings and labels.</p> <p>See exceptions to labels (1.3.3).</p>

Criteria	Conformance Level	Remarks and Explanations
<p>2.4.7 Focus Visible (Level AA)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> ● 9.2.26 (Web) ● 10.2.26 (non-web document) ● 11.2.1.26 (Software) ● 11.2.2.26 (Closed Software) – Does not apply ● 11.6.2 (Authoring Tool) ● 12.1.2 (Product Docs) ● 12.2.4 (Support Docs) <p>2017 Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) 	<p>Supports with Exceptions</p>	<p>Visual changes to elements to indicate the current position of focus with the following exceptions:</p> <p>In the Fulcrum E-Reader, when tabbing over the video player controls for videos embedded in a book, the controls remain hidden so a keyboard user can't see the controls without mousing over the player.</p> <p>In the Fulcrum E-Reader, when tabbing or mousing over the settings gear icon on the top right it's not clear that it's a link that's selected, because it already shows up as grey and there are no visual changes when it's selected.</p>

Criteria	Conformance Level	Remarks and Explanations
<p>3.1.2 Language of Parts (Level AA)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> ● 9.2.28 (Web) ● 10.2.28 (non-web document) ● 11.2.1.28 (Software) – Does not apply ● 11.2.2.28 (Closed Software) – Does not apply ● 11.6.2 (Authoring Tool) ● 12.1.2 (Product Docs) ● 12.2.4 (Support Docs) <p>2017 Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) 	<p>Supports with Exceptions</p>	<p>Fulcrum supports tagging of language attributes for all elements except for some metadata fields.</p>

Criteria	Conformance Level	Remarks and Explanations
<p data-bbox="233 411 678 478">3.2.3 Consistent Navigation (Level AA)</p> <p data-bbox="233 560 431 590">Also applies to:</p> <p data-bbox="233 699 492 728">EN 301 549 Criteria</p> <ul data-bbox="282 842 626 1312" style="list-style-type: none"> <li data-bbox="282 842 496 871">● 9.2.31 (Web) <li data-bbox="282 884 618 993">● 10.2.31 (non-web document) – Does not apply <li data-bbox="282 1005 618 1073">● 11.2.1.31 (Software) – Does not apply <li data-bbox="282 1085 607 1194">● 11.2.2.31 (Closed Software) – Does not apply <li data-bbox="282 1207 626 1236">● 11.6.2 (Authoring Tool) <li data-bbox="282 1249 612 1278">● 12.1.2 (Product Docs) <li data-bbox="282 1291 613 1320">● 12.2.4 (Support Docs) <p data-bbox="233 1325 461 1354">2017 Section 508</p> <ul data-bbox="282 1467 678 1728" style="list-style-type: none"> <li data-bbox="282 1467 678 1577">● 501 (Web)(Software) – Does not apply to non-web software <li data-bbox="282 1589 618 1619">● 504.2 (Authoring Tool) <li data-bbox="282 1631 678 1728">● 602.3 (Support Docs) – Does not apply to non-web docs 	<p data-bbox="721 411 841 441">Supports</p>	<p data-bbox="985 411 1349 478">Navigation mechanisms are consistent across pages.</p>

Criteria	Conformance Level	Remarks and Explanations
<p data-bbox="233 411 618 485">3.2.4 Consistent Identification (Level AA)</p> <p data-bbox="233 562 431 594">Also applies to:</p> <p data-bbox="233 699 492 730">EN 301 549 Criteria</p> <ul data-bbox="282 842 626 1314" style="list-style-type: none"> <li data-bbox="282 842 496 873">● 9.2.32 (Web) <li data-bbox="282 884 618 993">● 10.2.32 (non-web document) – Does not apply <li data-bbox="282 1003 618 1077">● 11.2.1.32 (Software) – Does not apply <li data-bbox="282 1087 607 1197">● 11.2.2.32 (Closed Software) – Does not apply <li data-bbox="282 1207 626 1239">● 11.6.2 (Authoring Tool) <li data-bbox="282 1249 613 1281">● 12.1.2 (Product Docs) <li data-bbox="282 1291 613 1323">● 12.2.4 (Support Docs) <p data-bbox="233 1329 461 1360">2017 Section 508</p> <ul data-bbox="282 1465 678 1728" style="list-style-type: none"> <li data-bbox="282 1465 678 1575">● 501 (Web)(Software) – Does not apply to non-web software <li data-bbox="282 1585 618 1617">● 504.2 (Authoring Tool) <li data-bbox="282 1627 678 1728">● 602.3 (Support Docs) – Does not apply to non-web docs 	<p data-bbox="721 411 841 443">Supports</p>	<p data-bbox="985 411 1406 558">The Fulcrum platform provides consistent identification across pages for components that have the same functionality.</p>

Criteria	Conformance Level	Remarks and Explanations
<p data-bbox="233 411 672 443">3.3.3 Error Suggestion (Level AA)</p> <p data-bbox="233 522 431 554">Also applies to:</p> <p data-bbox="233 659 492 690">EN 301 549 Criteria</p> <ul data-bbox="282 800 630 1192" style="list-style-type: none"> <li data-bbox="282 800 496 831">● 9.2.35 (Web) <li data-bbox="282 842 558 911">● 10.2.35 (non-web document) <li data-bbox="282 921 594 953">● 11.2.1.35 (Software) <li data-bbox="282 963 607 1073">● 11.2.2.35 (Closed Software) – Does not apply <li data-bbox="282 1083 626 1115">● 11.6.2 (Authoring Tool) <li data-bbox="282 1125 613 1157">● 12.1.2 (Product Docs) <li data-bbox="282 1167 613 1199">● 12.2.4 (Support Docs) <p data-bbox="233 1203 461 1234">2017 Section 508</p> <ul data-bbox="282 1346 620 1455" style="list-style-type: none"> <li data-bbox="282 1346 599 1377">● 501 (Web)(Software) <li data-bbox="282 1388 613 1419">● 504.2 (Authoring Tool) <li data-bbox="282 1430 607 1461">● 602.3 (Support Docs) 	<p data-bbox="721 411 915 443">Not Applicable</p>	<p data-bbox="985 411 1373 483">There are no opportunities for input errors.</p>

Criteria	Conformance Level	Remarks and Explanations
<p>3.3.4 Error Prevention (Legal, Financial, Data) (Level AA)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> ● 9.2.36 (Web) ● 10.2.36 (non-web document) ● 11.2.1.36 (Software) ● 11.2.2.36 (Closed Software) – Does not apply ● 11.6.2 (Authoring Tool) ● 12.1.2 (Product Docs) ● 12.2.4 (Support Docs) <p>2017 Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) 	<p>Not Applicable</p>	<p>There are no web pages that involve legal commitments or financial transactions, modify or delete user-controllable data, or submit user test responses.</p>

Table 3: Success Criteria, Level AAA

Criteria	Conformance Level	Remarks and Explanations
<p><u>1.2.6 Sign Language (Prerecorded)</u> (Level AAA)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria – Does not apply</p> <p>2017 Section 508 – Does not apply</p>	Supports	Video player supports sign language translation in a separate video player synchronized with the main player.
<p><u>1.2.7 Extended Audio Description (Prerecorded)</u> (Level AAA)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria – Does not apply</p> <p>2017 Section 508 – Does not apply</p>	Does Not Support	Extended audio description is not supported.
<p><u>1.2.8 Media Alternative (Prerecorded)</u> (Level AAA)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria – Does not apply</p> <p>2017 Section 508 – Does not apply</p>	Supports	Video player supports text-based audio description and transcript.

Criteria	Conformance Level	Remarks and Explanations
<p><u>1.2.9 Audio-only (Live)</u> (Level AAA)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria– Does not apply</p> <p>2017 Section 508 – Does not apply</p>	Not Applicable	There is no live audio content.
<p><u>1.4.6 Contrast Enhanced</u> (Level AAA)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria – Does not apply</p> <p>2017 Section 508 – Does not apply</p>	Supports with Exceptions	<p>Main text content of platform and publications meets enhanced contrast ratio (black on white).</p> <p>Text in some of the headings, labels, buttons and indicators does not meet enhanced contrast ratio.</p>
<p><u>1.4.7 Low or No Background Audio</u> (Level AAA)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria – Does not apply</p> <p>2017 Section 508 – Does not apply</p>	Not Applicable	This is an issue related to content not the platform itself.
<p><u>1.4.8 Visual Presentation</u> (Level AAA)</p> <p>1. Foreground and background colors can be selected by the user.</p>	<ol style="list-style-type: none"> 1. Does not support 2. Does not support 3. Supports with Exceptions 	<ol style="list-style-type: none"> 1. Foreground and background colors cannot be selected by the user, except through operating system or browser settings. 2. Paragraphs of text exceed 80 characters in width.

Criteria	Conformance Level	Remarks and Explanations
<p>2. Width is no more than 80 characters or glyphs (40 if CJK).</p> <p>3. Text is not justified (aligned to both the left and the right margins).</p> <p>4. Line spacing (leading) is at least space-and-a-half within paragraphs, and paragraph spacing is at least 1.5 times larger than the line spacing.</p> <p>5. Text can be resized without assistive technology up to 200 percent in a way that does not require the user to scroll horizontally to read a line of text on a full-screen window.</p> <p>Also applies to:</p> <p>EN 301 549 Criteria – Does not apply</p> <p>2017 Section 508 – Does not apply</p>	<p>4. Does not support</p> <p>5. Supports</p>	<p>3. Text is not justified in the web pages but is justified in the Fulcrum E-Reader.</p> <p>4. Line spacing is under 1.5 and paragraph spacing is equal to the line spacing.</p> <p>5. Text can be resized without assistive technology (through operating system or browser settings or extensions, and through the zoom settings in the reader) up to 200 percent in a way that does not require the user to scroll horizontally to read a line of text on a full-screen window.</p>
<p><u>1.4.9 Images of Text (No Exception)</u> (Level AAA)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria – Does not apply</p> <p>2017 Section 508 – Does not apply</p>	<p>Supports</p>	<p>The Fulcrum platform does not use images of text, with the exception of logos.</p>

Criteria	Conformance Level	Remarks and Explanations
<p><u>2.1.3 Keyboard (No Exception)</u> (Level AAA)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria – Does not apply</p> <p>2017 Section 508 – Does not apply</p>	<p>Supports with Exceptions</p>	<p>See 2.1.1 for exceptions.</p>
<p><u>2.2.3 No Timing</u> (Level AAA)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria – Does not apply</p> <p>2017 Section 508 – Does not apply</p>	<p>Supports</p>	<p>Webpages and features do not require timing, except for non-interactive video and audio.</p>
<p><u>2.2.4 Interruptions</u> (Level AAA)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria – Does not apply</p> <p>2017 Section 508 – Does not apply</p>	<p>Not Applicable</p>	<p>There are no interruptions.</p>
<p><u>2.2.5 Re-authenticating</u> (Level AAA)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria – Does not apply</p>	<p>Supports</p>	<p>Authentication sessions do not expire.</p>

Criteria	Conformance Level	Remarks and Explanations
<p>2017 Section 508 – Does not apply</p>		
<p><u>2.3.2 Three Flashes</u> (Level AAA)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria – Does not apply</p> <p>2017 Section 508 – Does not apply</p>	<p>Not Applicable</p>	<p>There are no flashing elements.</p>
<p><u>2.4.8 Location</u> (Level AAA)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria – Does not apply</p> <p>2017 Section 508 – Does not apply</p>	<p>Supports</p>	<p>Press, monograph catalog, and media pages contain a breadcrumb trail at the top of each page. Navigation within monograph catalog pages is organized through tabs, with the selected tab clearly indicated. Each page provides a link to the Fulcrum home page, the press page, and the main monograph catalog page as well as a navigation footer.</p>
<p><u>2.4.9 Link Purpose (Link Only)</u> (Level AAA)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria – Does not apply</p> <p>2017 Section 508 – Does not apply</p>	<p>Supports with Exceptions</p>	<p>Fulcrum supports functionality for descriptive label attributes for links.</p> <p>Exceptions: Same as the exceptions in 2.4.4, as well as the “more” link in the monograph catalog pages.</p>

Criteria	Conformance Level	Remarks and Explanations
<p><u>2.4.10 Section Headings</u> (Level AAA)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria – Does not apply</p> <p>2017 Section 508 – Does not apply</p>	Supports	Section headings are used to organize HTML content and the Fulcrum E-Reader has capability for chapters and subheadings to be organized with section headings.
<p><u>3.1.3 Unusual Words</u> (Level AAA)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria – Does not apply</p> <p>2017 Section 508 – Does not apply</p>	Not Applicable	This is an issue related to content not the platform itself.
<p><u>3.1.4 Abbreviations</u> (Level AAA)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria – Does not apply</p> <p>2017 Section 508 – Does not apply</p>	Not Applicable	This is an issue related to content not the platform itself.
<p><u>3.1.5 Reading Level</u> (Level AAA)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria – Does not apply</p> <p>2017 Section 508 – Does not apply</p>	Not Applicable	This is an issue related to content not the platform itself.

Criteria	Conformance Level	Remarks and Explanations
<p><u>3.1.6 Pronunciation</u> (Level AAA)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria – Does not apply</p> <p>2017 Section 508 – Does not apply</p>	Not Applicable	This is an issue related to content not the platform itself.
<p><u>3.2.5 Change on Request</u> (Level AAA)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria – Does not apply</p> <p>2017 Section 508 – Does not apply</p>	Supports	Changes of context are initiated only by user request.
<p><u>3.3.5 Help</u> (Level AAA)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria – Does not apply</p> <p>2017 Section 508 – Does not apply</p>	Supports	Search boxes include suggestions (“Search works”, “Search assets”, “Search inside text...”).
<p><u>3.3.6 Error Prevention (All)</u> (Level AAA)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria – Does not apply</p>	Supports	Submissions of text input are reversible.

Criteria	Conformance Level	Remarks and Explanations
2017 Section 508 – Does not apply		

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Chapter 3: Functional Performance Criteria (FPC)

Criteria	Conformance Level	Remarks and Explanations
302.1 Without Vision	Supports with Exceptions	<p>Fulcrum uses standard HTML and WAI-ARIA attributes to describe the identity, operation, and state of user interface elements to Assistive Technologies.</p> <p>See exceptions to labels (WCAG 1.3.3).</p> <p>VoiceOver-only exception:</p> <p>If reading entire page in reader from the top, VoiceOver with Safari gets stuck and freezes on the permalink field. This does not happen with VoiceOver in Firefox and Chrome.</p>
302.2 With Limited Vision	Supports	Fulcrum supports standard browser magnification and magnification extensions and provides sufficient color contrast.
302.3 Without Perception of Color	Supports with Exceptions	Color is only used as a decorative or supplemental attribute of user interface elements.

Criteria	Conformance Level	Remarks and Explanations
		<p>Exceptions:</p> <p>In the Fulcrum E-Reader, when searching inside a book and following a search result to its occurrence in the text, the matched result is only indicated through highlighting of the matched text.</p>
302.4 Without Hearing	Supports	The video player supports captions and transcripts. The audio player supports transcripts.
302.5 With Limited Hearing	Supports	The video player supports captions and transcripts. The audio player supports transcripts.
302.6 Without Speech	Not Applicable	Fulcrum does not require speech input.
302.7 With Limited Manipulation	Supports with Exceptions	Fulcrum supports keyboard navigation. See WCAG 2.1.1 for exceptions.

Criteria	Conformance Level	Remarks and Explanations
		Usage of the product does not require fine motor controls nor simultaneous actions.
302.8 With Limited Reach and Strength	Supports with Exceptions	<p>Fulcrum supports keyboard navigation. See WCAG 2.1.1 for exceptions.</p> <p>Usage of the product does not require fine motor controls nor simultaneous actions.</p>
302.9 With Limited Language, Cognitive, and Learning Abilities	Supports	Fulcrum uses a logical focus order. The video and audio players allow for speed adjustment. The interface is consistent, intuitive, and simple to navigate.

Chapter 4: Hardware

Notes: Fulcrum is a web software application and is not subject to the requirements of this section.

Chapter 5: Software

Criteria	Conformance Level	Remarks and Explanations
501.1 Scope – Incorporation of WCAG 2.0 AA	See WCAG 2.0 section	See information in WCAG section
502 Interoperability with Assistive Technology	Heading cell – no response required	Heading cell – no response required
502.2.1 User Control of Accessibility Features	Supports	Platform allows user control of accessibility features, including text zoom in the reader and adjustments to captions in the video player.
502.2.2 No Disruption of Accessibility Features	Supports	Fulcrum is compatible with operating system and browser accessibility features configured by the user.
502.3 Accessibility Services	Heading cell – no response required	Heading cell – no response required

Criteria	Conformance Level	Remarks and Explanations
502.3.1 Object Information	Supports with Exceptions	<p>Fulcrum uses WAI-ARIA attributes to describe the role, state, and description of user interface elements to Assistive Technologies.</p> <p>See WCAG 1.3.3 for exceptions.</p>
502.3.2 Modification of Object Information	Supports	All user-set states and properties are capable of being set programmatically, including through assistive technologies.
502.3.3 Row, Column, and Headers	Not Applicable	Fulcrum does not use tables.
502.3.4 Values	Supports	Fulcrum uses standard HTML or and ARIA object attributes.
502.3.5 Modification of Values	Supports	All user-set input is capable of being set programmatically, including through assistive technologies.

Criteria	Conformance Level	Remarks and Explanations
502.3.6 Label Relationships	Supports	Fulcrum uses standard HTML and WAI-ARIA attributes to describe label relationships of user interface elements to assistive technologies. This includes the use of “<label>” and “aria-labelledby” attributes.
502.3.7 Hierarchical Relationships	Supports	Fulcrum uses standard HTML markup to express hierarchical relationships.
502.3.8 Text	Supports	Fulcrum renders strings as plain text values in HTML.
502.3.9 Modification of Text	Supports	All user-set input is capable of being set programmatically, including through assistive technologies.
502.3.10 List of Actions	Supports	Fulcrum uses standard HTML or and ARIA object attributes for actions such as search and filter.
502.3.11 Actions on Objects	Supports with Exceptions	Fulcrum allows assistive technology to programmatically execute available actions on

Criteria	Conformance Level	Remarks and Explanations
		objects with the exception of interactive stats charts.
502.3.12 Focus Cursor	Supports with Exceptions	<p>Fulcrum uses visual changes to elements to indicate the current position of focus.</p> <p>See WCAG 2.4.7 for exceptions.</p>
502.3.13 Modification of Focus Cursor	Supports with Exceptions	<p>Cursor focus is modifiable through keyboard controls.</p> <p>See WCAG 2.1.1 for exceptions.</p>
502.3.14 Event Notification	Supports with Exceptions	<p>Fulcrum notifies screen reader users when switching between tabs in monograph catalog pages. Screen reader users are not notified when moving between pages in the Fulcrum E-Reader.</p>
<p>502.4 Platform Accessibility Features</p> <p>A. Section 9.3.3 Enable sequential entry of multiple (chorded) keystrokes;</p>	<p>A. Not Applicable</p> <p>B. Not Applicable</p>	<p>A. Simultaneous keystrokes not required.</p> <p>B. Not applicable.</p> <p>C. Not applicable.</p> <p>D. Audio player supports transcripts. Video player</p>

Criteria	Conformance Level	Remarks and Explanations
<p>B. Section 9.3.4 Provide adjustment of delay before key acceptance;</p> <p>C. Section 9.3.5 Provide adjustment of same-key double-strike acceptance;</p> <p>D. Section 10.6.7 Allow users to choose visual alternative for audio output;</p> <p>E. Section 10.6.8 Synchronize audio equivalents for visual events;</p> <p>F. Section 10.6.9 Provide speech output services; and</p> <p>G. Section 10.7.1 Display any captions provided.</p>	<p>C. Not Applicable</p> <p>D. Supports</p> <p>E. Supports</p> <p>F. Supports</p> <p>G. Supports</p>	<p>supports captions and transcripts.</p> <p>E. Video player supports captions.</p> <p>F. Fulcrum does not provide a built-in text-to-speech feature but is accessible to screen readers.</p> <p>G. Video player supports captions and allows user to toggle caption display on or off.</p>
503 Applications	Heading cell – no response required	Heading cell – no response required
503.2 User Preferences	Supports with Exceptions	User preferences from operating system settings and browser extensions for color, contrast, font type, font size, and focus cursor are respected with the following exceptions: font type and font size set through browser extensions

Criteria	Conformance Level	Remarks and Explanations
		affect all text except for the content of books in the Fulcrum E-Reader. However, the Fulcrum E-Reader allows users to change the font size but not the type.
503.3 Alternative User Interfaces	Not Applicable	Fulcrum does not provide any alternative user interfaces that function as assistive technology.
503.4 User Controls for Captions and Audio Description	Heading cell – no response required	Heading cell – no response required
503.4.1 Caption Controls	Supports	Video player supports user control of captions, including toggle, position, font, size, text color, background, and opacity. Toggle is at the same menu level as volume control.
503.4.2 Audio Description Controls	Supports with Exceptions	Video player supports user control of audio descriptions at the same menu level as caption settings, keyboard settings, and transcript but not at the same menu level as volume.

Criteria	Conformance Level	Remarks and Explanations
504 Authoring Tools	Heading cell – no response required	Heading cell – no response required
504.2 Content Creation or Editing (if not authoring tool, enter “not applicable”)	Not Applicable	Fulcrum is not an authoring tool.
504.2.1 Preservation of Information Provided for Accessibility in Format Conversion	Not Applicable	
504.2.2 PDF Export	Not Applicable	
504.3 Prompts	Not Applicable	
504.4 Templates	Not Applicable	

Chapter 6: Support Documentation and Services

Criteria	Conformance Level	Remarks and Explanations
601.1 Scope	Heading cell – no response required	Heading cell – no response required
602 Support Documentation	Heading cell – no response required	Heading cell – no response required
602.2 Accessibility and Compatibility Features	Supports	Accessibility and compatibility features are explained on the Fulcrum Accessibility Page .
602.3 Electronic Support Documentation	See WCAG 2.0 section	See information in WCAG section
602.4 Alternate Formats for Non-Electronic Support Documentation	Not Applicable	Support documentation is provided in electronic format.
603 Support Services	Heading cell – no response required	Heading cell – no response required
603.2 Information on Accessibility and Compatibility Features		

Criteria	Conformance Level	Remarks and Explanations
603.3 Accommodation of Communication Needs	Supports	Support services are provided through email.

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Chapter 4: [4.2 Functional Performance Statements \(FPS\)](#)

Criteria	Conformance Level	Remarks and Explanations
4.2.1 Usage without vision	Supports with Exceptions	<p>Fulcrum uses standard HTML and WAI-ARIA attributes to describe the identity, operation, and state of user interface elements to Assistive Technologies.</p> <p>See exceptions to labels (WCAG 1.3.3, 2.4.4).</p> <p>VoiceOver-only exception:</p> <p>In the Fulcrum E-Reader, when reading the entire page from the top, VoiceOver with Safari can freeze on the permalink field.</p>
4.2.2 Usage with limited vision	Supports	<p>Fulcrum supports standard browser magnification and magnification extensions and standard operating system contrast adjustments and provides sufficient color contrast.</p>
4.2.3 Usage without perception of colour	Supports with Exceptions	<p>Color is only used as a decorative or supplemental attribute of user interface elements.</p>

Criteria	Conformance Level	Remarks and Explanations
		<p>Exceptions:</p> <p>In the Fulcrum E-Reader, when searching inside a book and following a search result to its occurrence in the text, the matched result is only indicated through highlighting of the matched text.</p>
4.2.4 Usage without hearing	Supports	The video player supports captions and transcripts. The audio player supports transcripts.
4.2.5 Usage with limited hearing	Supports	The video player supports captions and transcripts. The audio player supports transcripts.
4.2.6 Usage without vocal capability	Not Applicable	Fulcrum does not require speech input
4.2.7 Usage with limited manipulation or strength	Supports with Exceptions	Fulcrum supports keyboard navigation. See WCAG 2.1.1 for exceptions.

Criteria	Conformance Level	Remarks and Explanations
		Usage of the product does not require fine motor controls nor simultaneous actions.
4.2.8 Usage with limited reach	Supports with Exceptions	<p>Fulcrum supports keyboard navigation. See WCAG 2.1.1 for exceptions.</p> <p>Usage of the product does not require fine motor controls nor simultaneous actions.</p>
4.2.9 Minimize photosensitive seizure triggers	Supports	Fulcrum does not include visual features with flashing that could trigger seizures
4.2.10 Usage with limited cognition	Supports	Fulcrum uses a logical focus order. The video and audio players allow for speed adjustment. The interface is consistent, intuitive, and simple to navigate.
4.2.11 Privacy	Supports	Fulcrum does not impede usage of standard privacy controls alongside assistive technologies. Users can connect a headset for

Criteria	Conformance Level	Remarks and Explanations
		private listening to screen reader announcements.

Chapter 5: [Generic Requirements](#)

Notes: Fulcrum supports standard assistive technologies and is therefore not subject to the Closed Functionality criteria described in this chapter.

Chapter 6: [ICT with Two-Way Voice Communication](#)

Notes: Fulcrum does not offer two-way voice communication and is therefore not subject to the criteria described in this chapter.

Chapter 7: [ICT with Video Capabilities](#)

Criteria	Conformance Level	Remarks and Explanations
7.1 Caption processing technology	Heading cell – no response required	Heading cell – no response required
7.1.1 Captioning playback	Supports	Video player supports captions.

Criteria	Conformance Level	Remarks and Explanations
7.1.2 Captioning synchronization	Supports	Video player synchronizes captions with audio/visual content.
7.1.3 Preservation of captioning	Not Applicable	Video player supports WebVTT caption file format and allows the user to set presentational aspects.
7.2.1 Audio description playback	Supports	Video player supports audio descriptions.
7.2.2 Audio description synchronization	Supports	Video player synchronizes audio description with audio/visual content.
7.2.3 Preservation of audio description	Supports	Video player supports audio description tracks.
7.3 User controls for captions and audio description	Supports with Exceptions	Video player supports user control of captions, including toggle, position, font, size, text color, background, and opacity as well as user control of audio description. Caption toggle is at the same menu level as primary media controls, but audio description settings are not.

Chapter 8: [Hardware](#)

Notes: Fulcrum is a web software application and is not subject to the requirements of this section.

Chapter 9: [Web](#) (see [WCAG 2.0 section](#))

Chapter 10: [Non-web Documents](#)

Notes: Fulcrum does not include non-web documents and is therefore not subject to the requirements of this section.

Chapter 11: [Software](#)

Criteria	Conformance Level	Remarks and Explanations
11.2.1 Software success criteria (excluding closed functionality)	See WCAG 2.0 section	See information in WCAG section
11.2.2 Software success criteria (closed functionality)	See WCAG 2.0 section	See information in WCAG section
11.3 Interoperability with assistive technology	Heading cell – no response required	Heading cell – no response required
11.3.1 Closed functionality (informative)	Heading cell – no response required	Heading cell – no response required
11.3.2 Accessibility services	Heading cell – no response required	Heading cell – no response required
11.3.2.1 Platform accessibility service support for software that provides a user interface	See 11.3.2.5 through 11.3.2.17	See information in 11.3.2.5 through 11.3.2.17

Criteria	Conformance Level	Remarks and Explanations
11.3.2.2 Platform accessibility service support for assistive technologies	See 11.3.2.5 through 11.3.2.17	See information in 11.3.2.5 through 11.3.2.17
11.3.2.3 Use of accessibility services	Supports	Fulcrum uses standard platform accessibility services.
11.3.2.4 Assistive technology	Not Applicable	Fulcrum is not itself an assistive technology.
11.3.2.5 Object information	Supports with Exceptions	Fulcrum uses labels to describe the role, state, and description of user interface elements to Assistive Technologies. See WCAG 1.3.3 and 2.4.4 for exceptions.
11.3.2.6 Row, column, and headers	Not Applicable	Fulcrum does not use tables.
11.3.2.7 Values	Supports	Fulcrum uses standard HTML or and ARIA object attributes.

Criteria	Conformance Level	Remarks and Explanations
11.3.2.8 Label relationships	Supports	Fulcrum uses standard HTML and WAI-ARIA attributes to describe label relationships of user interface elements to assistive technologies. This includes the use of “<label>” and “aria-labelledby” attributes.
11.3.2.9 Parent-child relationships	Supports	Fulcrum uses standard HTML markup to express hierarchical relationships.
11.3.2.10 Text	Supports	Fulcrum renders strings as plain text values in HTML.
11.3.2.11 List of available actions	Supports	Fulcrum uses standard HTML or and ARIA object attributes for actions such as search and filter.
11.3.2.12 Execution of available actions	Supports with Exceptions	Fulcrum allows assistive technology to programmatically execute available actions on objects with the exception of interactive stats charts.

Criteria	Conformance Level	Remarks and Explanations
11.3.2.13 Tracking of focus and selection attributes	Supports	Focus, text insertion point, and selection attributes of user interface elements are programmatically determinable by assistive technologies.
11.3.2.14 Modification of focus and selection attributes	Supports with Exceptions	<p>Fulcrum allows keyboards and assistive technologies to programmatically modify focus, text insertion point, and selection attributes of user interface elements.</p> <p>See WCAG 2.1.1 for exceptions.</p>
11.3.2.15 Change notification	Supports with Exceptions	Fulcrum notifies screen reader users when switching between tabs in monograph catalog pages. Screen reader users are not notified when moving between pages in the Fulcrum E-Reader.
11.3.2.16 Modifications of states and properties	Supports	All user-set states and properties are capable of being set programmatically, including through assistive technologies.

Criteria	Conformance Level	Remarks and Explanations
11.3.2.17 Modifications of values and text	Supports	All user-set input is capable of being set programmatically, including through assistive technologies.
11.4 Documented accessibility usage	Heading cell – no response required	Heading cell – no response required
11.4.1 User control of accessibility features	Supports	Platform allows user control of accessibility features, including text zoom in the reader and adjustments to captions in the video player.
11.4.2 No disruption of accessibility features	Supports	Fulcrum is compatible with operating system and browser accessibility features configured by the user.
11.5 User preferences	Supports with Exceptions	User preferences from operating system settings and browser extensions for color, contrast, font type, font size, and focus cursor are respected with the following exceptions: font type and font size set through browser extensions affect all text except for the content of books in the Fulcrum E-Reader. The Fulcrum E-Reader

Criteria	Conformance Level	Remarks and Explanations
		allows users to change the font size but not the type.