

VPAT (Voluntary Product Accessibility Template)

Section 508 Evaluation

Date: March 28, 2017

Name of product: Ancestry Library, distributed by ProQuest LLC

Product website: <http://search.ancestrylibrary.com>

Contact: William Forsyth, ProQuest | william.forsyth@proquest.com | 801.274.1414

| Summary Table | | |
|--|--|---|
| Criteria | Supports? | Remarks |
| Section 1194.21 Software Applications and Operating Systems | 8 supported, 1 partially supported, 1 not supported, 2 N/A | |
| Section 1194.22 Web-based internet information and applications | 6 supported, 2 partially supported, 2 not supported, 6 N/A | |
| Section 1194.23 Telecommunications Products | N/A | Ancestry Library is not a telecommunications product. |
| Section 1194.24 Video and Multi- media Products | N/A | Ancestry Library is not a video or multimedia product. |
| Section 1194.25 Self-Contained, Closed Products | N/A | Ancestry Library is not a self- contained, closed product. |
| Section 1194.26 Desktop and Portable Computers | N/A | Ancestry Library is not a desktop or portable computer product. |
| Section 1194.31 Functional Performance Criteria | 1 partially supported, 1 not supported, 4 N/A | |
| Section 1194.41 Information, documentation, and support | 1 supported with exceptions, 2 not supported. | |

Section 1194.21 Software Applications and Operating Systems

*Refer to (<http://www.access-board.gov/sec508/guide/1194.21.htm>) for details on the guidelines listed below.

| Criteria | Supports? | Remarks |
|--|---------------------|--|
| (a) When software is designed to run on a system that has a keyboard, product functions shall be executable from a keyboard where the function itself or the result of performing a function can be discerned textually. | Partially supports. | The product is designed for keyboard access. This applies to QWERTY keyboards. All content and all functionality is accessible via the keyboard, except when editing a search... Broad / Exact sliders are not keyboard accessible. |

| Section 1194.21 Software Applications and Operating Systems | | |
|--|------------------|--|
| *Refer to (http://www.access-board.gov/sec508/guide/1194.21.htm) for details on the guidelines listed below. | | |
| Criteria | Supports? | Remarks |
| (b) Applications shall not disrupt or disable activated features of other products that are identified as accessibility features, where those features are developed and documented according to industry standards. Applications also shall not disrupt or disable activated features of any operating system that are identified as accessibility features where the application programming interface for those accessibility features has been documented by the manufacturer of the operating system and is available to the product developer. | Supports. | Ancestry Library does not disrupt/disable standard browser functionality. |
| (c) A well-defined on-screen indication of the current focus shall be provided that moves among interactive interface elements as the input focus changes. The focus shall be programmatically exposed so that Assistive Technology can track focus and focus changes. | Supports. | The current input focus can be discerned by assistive technology (using standard html code for forms, etc.). |
| (d) Sufficient information about a user interface element including the identity, operation and state of the element shall be available to Assistive Technology. When an image represents a program element, the information conveyed by the image must also be available in text. | Supports. | |
| (e) When bitmap images are used to identify controls, status indicators, or other programmatic elements, the meaning assigned to those images shall be consistent throughout an application's performance. | Supports. | Ancestry Library does try to be consistent with button functionality across all pages. |
| (f) Textual information shall be provided through operating system functions for displaying text. The minimum information that shall be made available is text content, text input caret location, and text attributes. | Supports. | Ancestry Library uses standard HTML input elements as supported by all browsers. Any text written to the screen can be interpreted by assistive technologies. |
| (g) Applications shall not override user selected contrast and color selections and other individual display attributes. | Supports. | Ancestry Library does not override user-specified color/contrast settings. |
| (h) When animation is displayed, the information shall be displayable in at least one non-animated presentation mode at the option of the user. | N/A | Ancestry Library has no animations that would provide information to the end user. |
| (i) Color coding shall not be used as the only means of conveying information, indicating an action, prompting a response, or distinguishing a visual element. | Supports. | Color is used to enhance usability in the product by drawing attention to certain areas of the screen, but color is never the only means of conveying important information. |

| Section 1194.21 Software Applications and Operating Systems | | |
|--|---------------------|---|
| *Refer to (http://www.access-board.gov/sec508/guide/1194.21.htm) for details on the guidelines listed below. | | |
| Criteria | Supports? | Remarks |
| (j) When a product permits a user to adjust color and contrast settings, a variety of color selections capable of producing a range of contrast levels shall be provided. | N/A | Ancestry Library does not provide functionality to alter color. |
| (k) Software shall not use flashing or blinking text, objects, or other elements having a flash or blink frequency greater than 2 Hz and lower than 55 Hz. | Supports. | Ancestry Library does not use flashing or blinking elements in the user interface. |
| (l) When electronic forms are used, the form shall allow people using Assistive Technology to access the information, field elements, and functionality required for completion and submission of the form, including all directions and cues. | Partially supports. | Most forms in the product have been coded with the necessary mark-up (use of labels/ids, fieldsets, etc.) to make them accessible to assistive technologies. However, a few exceptions (typically related to check boxes on results pages) do exist. Missing form labels are scattered through the product. The labels are what screen readers use to convey the purpose of individual form controls. |

| Section 1194.22 Web-based Internet information and applications | | |
|---|-----------|---|
| *Refer to (http://www.access-board.gov/sec508/guide/1194.22.htm) for details on the guidelines listed below. | | |
| Criteria | Supports? | Remarks |
| (a) A text equivalent for every non-text element shall be provided (e.g., via "alt", "longdesc", or in element content). | Supports. | Images have appropriate alt text or attributes. There are some images that are used as “spacers” that do not have alt text and indeed should not. |
| (b) Equivalent alternatives for any multimedia presentation shall be synchronized with the presentation. | Supports. | The product links to YouTube videos which have close captioning available. |

| Section 1194.22 Web-based Internet information and applications | | |
|--|---|---|
| *Refer to (http://www.access-board.gov/sec508/guide/1194.22.htm) for details on the guidelines listed below. | | |
| Criteria | Supports? | Remarks |
| (c) Web pages shall be designed so that all information conveyed with color is also available without color, for example from context or markup. | Supports. | Color is used to enhance usability in the product by drawing attention to certain areas of the screen, but color is never the only means of delivering important information. |
| (d) Documents shall be organized so they are readable without requiring an associated style sheet. | Supports. | With stylesheets disabled, page content is linearized and accessible, top-to-bottom. |
| (e) Redundant text links shall be provided for each active region of a server-side image map. | N/A | The product does not use server side image maps. |
| (f) Client-side image maps shall be provided instead of server-side image maps except where the regions cannot be defined with an available geometric shape. | Supports. In only image maps; the data is client side. | The image map also includes a redundant set of text links. |
| (g) Row and column headers shall be identified for data tables. | N/A | The product does not use data tables. |
| (h) Markup shall be used to associate data cells and header cells for data tables that have two or more logical levels of row or column headers. | N/A | The product does not use data tables. |
| (i) Frames shall be titled with text that facilitates frame identification and navigation | N/A | The product does not use frames. |
| (j) Pages shall be designed to avoid causing the screen to flicker with a frequency greater than 2 Hz and lower than 55 Hz. | Supports. | Graphics and other elements of the content do not flicker in the product. |
| (k) A text-only page, with equivalent information or functionality, shall be provided to make a web site comply with the provisions of this part, when compliance cannot be accomplished in any other way. The content of the text-only page shall be updated whenever the primary page changes. | N/A | No Ancestry Library pages require text-only page versions to comply with these standards. |

| Section 1194.22 Web-based Internet information and applications | | |
|--|---------------------|---|
| *Refer to (http://www.access-board.gov/sec508/guide/1194.22.htm) for details on the guidelines listed below. | | |
| Criteria | Supports? | Remarks |
| (l) When pages utilize scripting languages to display content, or to create interface elements, the information provided by the script shall be identified with functional text that can be read by Assistive Technology. | N/A | Interface elements are not created by scripting languages in the product. |
| (m) When a web page requires that an applet, plug-in or other application be present on the client system to interpret page content, the page must provide a link to a plug-in or applet that complies with 1194.21(a) through (l). | Partially supports. | Items such as help documents can be downloaded in PDF format which would require Acrobat for offline reading. |
| (n) When electronic forms are designed to be completed on-line, the form shall allow people using Assistive Technology to access the information, field elements, and functionality required for completion and submission of the form, including all directions and cues. | N/A | No forms are designed to be completed online within the product. |
| (o) A method shall be provided that permits users to skip repetitive navigation links. | Supports. | Ancestry Library provides a 'SKIP MAIN NAVIGATION MENU' link in the tab order at the top of each page. |
| (p) When a timed response is required, the user shall be alerted and given sufficient time to indicate more time is required. | N/A | The product does not require timed responses. |

Note to 1194.22: The Board interprets paragraphs (a) through (k) of this section as consistent with the following priority 1 Checkpoints of the Web Content Accessibility Guidelines 1.0 (WCAG 1.0) (May 5 1999) published by the Web Accessibility Initiative of the World Wide Web Consortium: Paragraph (a) - 1.1, (b) - 1.4, (c) - 2.1, (d) - 6.1, (e) - 1.2, (f) - 9.1, (g) - 5.1, (h) - 5.2, (i) - 12.1, (j) - 7.1, (k) - 11.4.

| Section 1194.23 Telecommunications Products | | |
|--|------------------|---|
| *Refer to (http://www.access-board.gov/sec508/guide/1194.23.htm) for details on the guidelines listed below. | | |
| Criteria | Supports? | Remarks |
| (a) Telecommunications products or systems which provide a function allowing voice communication and which do not themselves provide a TTY functionality shall provide a standard non-acoustic connection point for TTYs. Microphones shall be capable of being turned on and off to allow the user to intermix speech with TTY use. | N/A | Ancestry Library is not a telecommunications product. |
| (b) Telecommunications products which include voice communication functionality shall support all commonly used cross- manufacturer non-proprietary standard TTY signal protocols. | N/A | Ancestry Library is not a telecommunications product. |
| (c) Voice mail, auto-attendant, and interactive voice response telecommunications systems shall be usable by TTY users with their TTYs. | N/A | Ancestry Library is not a telecommunications product. |
| (d) Voice mail, messaging, auto-attendant, and interactive voice response telecommunications systems that require a response from a user within a time interval, shall give an alert when the time interval is about to run out, and shall provide sufficient time for the user to indicate more time is required. | N/A | Ancestry Library is not a telecommunications product. |
| (e) Where provided, caller identification and similar telecommunications functions shall also be available for users of TTYs, and for users who cannot see displays. | N/A | Ancestry Library is not a telecommunications product. |
| (f) For transmitted voice signals, telecommunications products shall provide a gain adjustable up to a minimum of 20 dB. For incremental volume control, at least one intermediate step of 12 dB of gain shall be provided. | N/A | Ancestry Library is not a telecommunications product. |
| (g) If the telecommunications product allows a user to adjust the receive volume, a function shall be provided to automatically reset the volume to the default level after every use. | N/A | Ancestry Library is not a telecommunications product. |
| (h) Where a telecommunications product delivers output by an audio transducer which is normally held up to the ear, a means for effective magnetic wireless coupling to hearing technologies shall be provided. | N/A | Ancestry Library is not a telecommunications product. |
| (i) Interference to hearing technologies (including hearing aids, cochlear implants, and assistive listening devices) shall be reduced to the lowest possible level that allows a user of hearing technologies to utilize the telecommunications product. | N/A | Ancestry Library is not a telecommunications product. |

| Section 1194.23 Telecommunications Products | | |
|---|------------------|---|
| *Refer to (http://www.access-board.gov/sec508/guide/1194.23.htm) for details on the guidelines listed below. | | |
| Criteria | Supports? | Remarks |
| (j) Products that transmit or conduct information or communication, shall pass through cross-manufacturer, non-proprietary, industry- standard codes, translation protocols, formats or other information necessary to provide the information or communication in a usable format. Technologies which use encoding, signal compression, format transformation, or similar techniques shall not remove information needed for access or shall restore it upon delivery. | N/A | Ancestry Library is not a telecommunications product. |
| (k)(1) Products which have mechanically operated controls or keys shall comply with the following: Controls and Keys shall be tactilely discernible without activating the controls or keys. | N/A | Ancestry Library is not a telecommunications product. |
| (k)(2) Products which have mechanically operated controls or keys shall comply with the following: Controls and Keys shall be operable with one hand and shall not require tight grasping, pinching, twisting of the wrist. The force required to activate controls and keys shall be 5 lbs. (22.2N) maximum. | N/A | Ancestry Library is not a telecommunications product. |
| (k)(3) Products which have mechanically operated controls or keys shall comply with the following: If key repeat is supported, the delay before repeat shall be adjustable to at least 2 seconds. Key repeat rate shall be adjustable to 2 seconds per character. | N/A | Ancestry Library is not a telecommunications product. |
| (k)(4) Products which have mechanically operated controls or keys shall comply with the following: The status of all locking or toggle controls or keys shall be visually discernible, and discernible either through touch or sound. | N/A | Ancestry Library is not a telecommunications product. |

| Section 1194.24 Video and Multi-media Products | | |
|--|-----------------|--|
| *Refer to (http://www.access-board.gov/sec508/guide/1194.24.htm) for details on the guidelines listed below. | | |
| Criteria | Supports | Remarks |
| (a) All analog television displays 13 inches and larger, and computer equipment that includes analog television receiver or display circuitry, shall be equipped with caption decoder circuitry which appropriately receives, decodes, and displays closed captions from broadcast, cable, videotape, and DVD signals. As soon as practicable, but not later than July 1, 2002, widescreen digital television (DTV) displays measuring at least 7.8 inches vertically, DTV sets with conventional displays measuring at least 13 inches vertically, and stand-alone DTV tuners, whether or not they are marketed with display screens, and computer equipment that includes DTV receiver or display circuitry, shall be equipped with caption decoder circuitry which appropriately receives, decodes, and displays closed captions from broadcast, cable, videotape, and DVD signals. | N/A | Ancestry Library is not a video or multimedia product. |

| | | |
|---|-----|--|
| (b) Television tuners, including tuner cards for use in computers, shall be equipped with secondary audio program playback circuitry. | N/A | Ancestry Library is not a video or multimedia product. |
| (c) All training and informational video and multimedia productions which support the agency's mission, regardless of format, that contain speech or other audio information necessary for the comprehension of the content, shall be open or closed captioned. | N/A | Ancestry Library is not a video or multimedia product. |
| (d) All training and informational video and multimedia productions which support the agency's mission, regardless of format, that contain visual information necessary for the comprehension of the content, shall be audio described. | N/A | Ancestry Library is not a video or multimedia product. |
| (e) Display or presentation of alternate text presentation or audio descriptions shall be user-selectable unless permanent. | N/A | Ancestry Library is not a video or multimedia product. |

Section 1194.25 Self-Contained, Closed Products

*Refer to (<http://www.access-board.gov/sec508/guide/1194.25.htm>) for details on the guidelines listed below.

| Criteria | Supports? | Remarks |
|---|-----------|--|
| (a) Self-contained products shall be usable by people with disabilities without requiring an end-user to attach Assistive Technology to the product. Personal headsets for private listening are not Assistive Technology. | N/A | Ancestry Library is not a self- contained, closed product. |
| (b) When a timed response is required, the user shall be alerted and given sufficient time to indicate more time is required. | N/A | Ancestry Library is not a self- contained, closed product. |
| (c) Where a product utilizes touchscreens or contact-sensitive controls, an input method shall be provided that complies with 1194.23 (k) (1) through (4). | N/A | Ancestry Library is not a self- contained, closed product. |
| (d) When biometric forms of user identification or control are used, an alternative form of identification or activation, which does not require the user to possess particular biological characteristics, shall also be provided. | N/A | Ancestry Library is not a self-contained, closed product. |
| (e) When products provide auditory output, the audio signal shall be provided at a standard signal level through an industry standard connector that will allow for private listening. The product must provide the ability to interrupt, pause, and restart the audio at any time. | N/A | Ancestry Library is not a self- contained, closed product. |

| Section 1194.25 Self-Contained, Closed Products | | |
|---|------------------|--|
| *Refer to (http://www.access-board.gov/sec508/guide/1194.25.htm) for details on the guidelines listed below. | | |
| Criteria | Supports? | Remarks |
| (f) When products deliver voice output in a public area, incremental volume control shall be provided with output amplification up to a level of at least 65 dB. Where the ambient noise level of the environment is above 45 dB, a volume gain of at least 20 dB above the ambient level shall be user selectable. A function shall be provided to automatically reset the volume to the default level after every use. | N/A | Ancestry Library is not a self- contained, closed product. |
| (g) Color coding shall not be used as the only means of conveying information, indicating an action, prompting a response, or distinguishing a visual element. | N/A | Ancestry Library is not a self- contained, closed product. |
| (h) When a product permits a user to adjust color and contrast settings, a range of color selections capable of producing a variety of contrast levels shall be provided. | N/A | Ancestry Library is not a self- contained, closed product. |
| (i) Products shall be designed to avoid causing the screen to flicker with a frequency greater than 2 Hz and lower than 55 Hz. | N/A | Ancestry Library is not a self- contained, closed product. |
| (j) (1) Products which are freestanding, non-portable, and intended to be used in one location and which have operable controls shall comply with the following: The position of any operable control shall be determined with respect to a vertical plane, which is 48 inches in length, centered on the operable control, and at the maximum protrusion of the product within the 48 inch length on products which are freestanding, non- portable, and intended to be used in one location and which have operable controls. | N/A | Ancestry Library is not a self- contained, closed product. |
| (j)(2) Products which are freestanding, non-portable, and intended to be used in one location and which have operable controls shall comply with the following: Where any operable control is 10 inches or less behind the reference plane, the height shall be 54 inches maximum and 15 inches minimum above the floor. | N/A | Ancestry Library is not a self- contained, closed product. |
| (j)(3) Products which are freestanding, non-portable, and intended to be used in one location and which have operable controls shall comply with the following: Where any operable control is more than 10 inches and not more than 24 inches behind the reference plane, the height shall be 46 inches maximum and 15 inches minimum above the floor. | N/A | Ancestry Library is not a self- contained, closed product. |
| (j)(4) Products which are freestanding, non-portable, and intended to be used in one location and which have operable controls shall comply with the following: Operable controls shall not be more than 24 inches behind the reference plane. | N/A | Ancestry Library is not a self- contained, closed product. |

Section 1194.26 Desktop and Portable Computers

*Refer to (<http://www.access-board.gov/sec508/guide/1194.26.htm>) for details on the guidelines listed below.

| Criteria | Supports? | Remarks |
|---|------------------|---|
| (a) All mechanically operated controls and keys shall comply with 1194.23 (k) (1) through (4). | N/A | Ancestry Library is not a desktop or portable computer product. |
| (b) If a product utilizes touchscreens or touch-operated controls, an input method shall be provided that complies with 1194.23 (k) (1) through (4). | N/A | Ancestry Library is not a desktop or portable computer product. |
| (c) When biometric forms of user identification or control are used, an alternative form of identification or activation, which does not require the user to possess particular biological characteristics, shall also be provided. | N/A | Ancestry Library is not a desktop or portable computer product. |
| (d) Where provided, at least one of each type of expansion slots, ports and connectors shall comply with publicly available industry standards | N/A | Ancestry Library is not a desktop or portable computer product. |

Section 1194.31 Functional Performance Criteria

| Criteria | Supports? | Remarks |
|---|---------------------|--|
| (a) At least one mode of operation and information retrieval that does not require user vision shall be provided, or support for Assistive Technology used by people who are blind or visually impaired shall be provided. | Partially supports. | Ancestry Library is not fully compliant and is not coded to work with screen readers in all aspects. User vision is required to view and read the images of various historical documents. There is currently no method available that Assistive Technology can read the contents of the census images. |
| (b) At least one mode of operation and information retrieval that does not require visual acuity greater than 20/70 shall be provided in audio and enlarged print output working together or independently, or support for Assistive Technology used by people who are visually impaired shall be provided. | Partially supports. | Historical document images can be enlarged or inversed. Additionally, keyboard-assistive/screen-reader accessible text-based indices are available for most record images. However, no special provisions in the product are made for Assistive Technology to be able to read the images. |
| (c) At least one mode of operation and information retrieval that does not require user hearing shall be provided, or support for Assistive Technology used by people who are deaf or hard of hearing shall be provided. | N/A | No audio cues required to use the Ancestry Library product. |

| Section 1194.31 Functional Performance Criteria | | |
|--|------------------|---|
| Criteria | Supports? | Remarks |
| (d) Where audio information is important for the use of a product, at least one mode of operation and information retrieval shall be provided in an enhanced auditory fashion, or support for assistive hearing devices shall be provided. | N/A | No audio cues required to use the Ancestry Library product. |
| (e) At least one mode of operation and information retrieval that does not require user speech shall be provided, or support for Assistive Technology used by people with disabilities shall be provided. | N/A | Ancestry Library does not require voice input to control. |
| (f) At least one mode of operation and information retrieval that does not require fine motor control or simultaneous actions and that is operable with limited reach and strength shall be provided. | N/A | Ancestry Library does not require this degree of control. |

| Section 1194.41 Information, documentation, and support | | |
|---|---------------------------|--|
| Criteria | Supports? | Remarks |
| (a) Product support documentation provided to end-users shall be made available in alternate formats upon request, at no additional charge. | Supports with exceptions. | The 'Research Aids' section of the site provides downloadable PDF documents with tips and instructions for getting started, searching collections, and conducting genealogical research within various ethnic groups. Additionally, product details are available from the corporate site or on request. However, no special provisions have been made for Assistive Technology users. |
| (b) End-users shall have access to a description of the accessibility and compatibility features of products in alternate formats or alternate methods upon request, at no additional charge. | Does not support. | Ancestry Library does not provide an Accessibility Help page or alternate methods for obtaining accessibility and compatibility information. |
| (c) Support services for products shall accommodate the communication needs of end-users with disabilities. | Supports. | Support services are available to accommodate the communication needs of end users with disabilities. Users can communicate with customer support via: <ul style="list-style-type: none"> • Phone • Email • Chat • Contact Us web form Support services have experience working with end users with disabilities. |