VPAT™

Voluntary Product Accessibility Template®

Version 1.3

The purpose of the **Voluntary Product Accessibility Template**, or **VPAT™**, is to assist Federal contracting officials and other buyers in making preliminary assessments regarding the availability of commercial "Electronic and Information Technology" products and services with features that support accessibility. It is assumed and recommended that offerers will provide additional contact information to facilitate more detailed inquiries.

The first table of the Template provides a summary view of the Section 508 Standards. The subsequent tables provide more detailed views of each subsection. There are three columns in each table. Column one of the Summary Table describes the subsections of subparts B and C of the Standards. The second column describes the supporting features of the product or refers you to the corresponding detailed table, e.g., "equivalent facilitation." The third column contains any additional remarks and explanations regarding the product. In the subsequent tables, the first column contains the lettered paragraphs of the subsections. The second column describes the supporting features of the product with regard to that paragraph. The third column contains any additional remarks and explanations regarding the product.

Date: 9/24/2015
Name of Product: Cryogen-Free Superconducting Magnet with Cryostat
Contact for more Information (name/phone/email):

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Summary Table

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Criteria	Supporting Features	Remarks and explanations
Section 1194.21 Software Applications and Operating Systems	See Below	
Section 1194.22 Web-based Internet Information and Applications	N/A	No web integration
Section 1194.23 Telecommunications Products	N/A	No telecom hardware
Section 1194.24 Video and Multi-media Products	N/A	No video or multimedia
Section 1194.25 Self-Contained, Closed Products	N/A	Modular, PC-based electronics
Section 1194.26 Desktop and Portable Computers	See Below	
Section 1194.31 Functional Performance Criteria	See Below	
Section 1194.41 Information, Documentation and Support	See Below	

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Section 1194.21 Software Applications and Operating Systems – Detail

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Criteria	Supporting Features	Remarks and explanations
(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.	Shortcuts, key-cursors	Tab, control-shortcuts are native to the LabVIEW enviroment
(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.	Standard integrated accessibility features	Software is development completely in LabVIEW, which integrated with Windows accessibility.
(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.	Window-based focus	Individual windows are utilized within the software, making focus obvious to the user and based on standard OS functionality
(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.	Standard integrated accessibility features	Software is development completely in LabVIEW, which integrated with Windows accessibility. Only images are data, also displayed as text.

(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.	N/A	Only indicators are LED-style active lights, with standard on/off rules.
(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.	Standard integrated accessibility features	Software is development completely in LabVIEW, which integrated with Windows accessibility.
(g) Applications shall not override user selected contrast and color selections and other individual display attributes.	Standard integrated accessibility features	Software is development completely in LabVIEW, which integrated with Windows accessibility.
(h) When animation is displayed, the information shall be displayable in at least one non-animated presentation mode at the option of the user.	Alternative text display of data	The only animations are active output for data, which are also displayed as output data fields
(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.	Text duplication, and plot line adjustabiltiy	All software LED-indicators duplicated in text. Color coding in plots can be duplicated with thickness/pattern, as well as text output
(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.	Full RGB color range in plots	Standard Windows color picker utilized for full spectrum of options.
(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.	Compliant	
(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.	N/A	No forms used, outside standard OS file-navigation interfaces with full accessibility function.

Section 1194.26 Desktop and Portable Computers – Detail

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Criteria	Supporting Features	Remarks and explanations
(a) All mechanically operated controls and keys shall comply with §1194.23 (k) (1) through (4).	Standard keyboard, physical switches.	Standard peripheral keyboard, can be replaced as necessary for accessibility
(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	No touch screens integrated
(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	No biometric identification
(d) Where provided, at least one of each type of expansion slots, ports and connectors shall comply with publicly available industry standards	Compliant	All ports standard ISO computer interfaces, including USB 3.0 and SD storage cards

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Section 1194.31 Functional Performance Criteria – Detail

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Criteria	Supporting Features	Remarks and explanations
(a) At least one mode of operation and information retrieval that does not require user vision shall be provided, or support for Assistive	Standard Windows 7 accessibility	Software is development completely in LabVIEW, which integrated with Windows accessibility.

Technology used by people who are blind or visually impaired shall be provided.		
(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.	Standard Windows 7 accessibility	Software is development completely in LabVIEW, which integrated with Windows accessibility.
(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 prompts; hardware "beeps" are all duplicated on screen as confirmation.
(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	Software is development completely in LabVIEW, which integrated with Windows accessibility.
(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 Standard Windows 7 accessibility with disabilities shall be provided.	N/A	No speech interface
(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.	Standard Windows 7 accessibility	Keyboard and mouse can be replaced as necessary for assistive user interface.

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Section 1194.41 Information, Documentation and Support –

Detail

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Criteria	Supporting Features	Remarks and explanations
(a) Product support documentation provided to end-users shall be made available in alternate formats upon request, at no additional charge	Compliant	Standard PDF and MS Word, alternative formats available on request
(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.	Compliant	Software is developed with standard Windows accessibility compliance
(c) Support services for products shall accommodate the communication needs of end-users with disabilities.	Compliant	Support offered via email, phone, face-to-face over internet communication as well as in-person training. Alternative communication can be integrated as necessary.