

Section 508

36 CFR Part 1194.23 Telecommunications Products

Checklist

Telecommunications Product: _____

Manufacturer/Contractor/Vendor: _____

Tester Name: _____ Phone: (____) _____

Tester Signature: _____ Date: _____

Fully Compliant (FC): All instances fully meet the standard as defined below

Non-Compliant (NC): All instances did *not* meet the standard

Partially Compliant (PC): Partially met and requires further explanation

Not Applicable (N/A): Standard is not applicable to this application

Not Tested (NT): Standard was not tested

Requirement Guidelines: Compliance is defined as meeting the requirements set forth in the Section 508 Subpart B - Technical Standards, 1194.23 [Telecommunications Products](#), Subpart C - [Functional Performance Criteria](#) and Subpart D - [Information, Documentation and Support](#). (This Guideline is based on the assumption that your EIT product or service is limited to Software Applications and Operating Systems; however, many EIT products and services are hybrids, e.g., software is bundled with hardware, so that more than one Technical Standard applies. In these cases, be sure that your EIT product or service meets the requirements as set forth in all applicable standards.)

Any item not rated as fully compliant needs an explanation *in detail* as to why the standard was not met. Enter the ID number and an explanation in the space provided at the end of the checklist.

ID	Part 1194.23 Standards & Criteria Checklist Questions	FC	PC	NC	N/A	N/T
1	Non-acoustic connection point for TTY's (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.					
a.1	Does telecommunications product/system (which provides functions allowing voice communication but which does not itself provide TTY functionality) provide a standard non-acoustic connection point for TTYs?					
a.2	Are any microphones capable of being turned on and off to allow the user to intermix speech with TTY use?					
2	TTY signs (b) Telecommunications products which include voice communication functionality shall support all commonly used cross-manufacturer non-proprietary standard TTY signal protocols. Do telecommunications products (which include voice communication functionality) support all commonly used cross-manufacturer non-proprietary standard TTY signal protocols?					
3	TTY compatibility with voice response systems (c) Voice mail, auto-attendant, and interactive voice response telecommunications systems shall be usable by TTY users with their TTYs. Are voice mail, auto-attendant, and interactive voice response telecommunications systems usable by TTY users with their TTYs?					

ID	Part 1194.23 Standards & Criteria Checklist Questions	FC	PC	NC	N/A	N/T
4 (d)	<p>Timed response</p> <p>(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..</p>					
d.1	Do voice mail, messaging, auto-attendant, and interactive voice response telecommunications systems (that require a response from a user within a time interval) give an alert when the time interval is about to run out?					
d.2	Do voice mail, messaging, auto-attendant, and interactive voice response telecommunications systems (that require a response from a user within a time interval) provide sufficient time for the user to indicate that more time is required?					
5 (e)	<p>Caller identification</p> <p>(e) Where provided, caller identification and similar telecommunications functions shall also be available for users of TTYs, and for users who cannot see displays.</p> <p>If provided, are caller identification and similar telecommunications functions also available for users of TTYs and for users who cannot see displays?</p>					
6 (f)	<p>Volume control</p> <p>(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.</p>					
f.1	For transmitted voice signals, do telecommunications products provide a gain adjustable up to a minimum of 20 dB?					
f.2	For incremental volume control, is at least one intermediate step of 12 dB of gain provided?					
7 (g)	<p>Default volume level reset</p> <p>(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.</p> <p>If telecommunications product allows a user to adjust the receive volume, is there a function provided to automatically reset the volume to the default level after every use?</p>					
8 (h)	<p>Audio transducer</p> <p>(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.</p> <p>If telecommunications product delivers output by an audio transducer which is normally held up to the ear, is there a means provided for effective magnetic wireless coupling to hearing technologies?</p>					
9 (i)	<p>Interference reduction</p> <p>(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.</p> <p>Is interference to hearing technologies (including hearing aids, cochlear implants, and assistive listening devices) reduced to lowest possible level that allows a user of hearing technologies to use the telecommunications product?</p>					

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10 (j)	Pass through standard codes (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.					
j.1	Do products that transmit or conduct information or communication, 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?					
j.2	Have technologies which use encoding, signal compression, format transformation, or similar techniques not removed information needed for access or have the capability to restore it upon delivery?					
11 (k)	Mechanically operated controls (k) Products which have mechanically operated controls or keys, shall comply with the following:					
k.1	Controls and keys shall be tactilely discernible without activating the controls or keys. If product has mechanically operated controls or keys, are controls and keys tactilely discernible without activating the controls or keys?					
k.2	Controls and keys shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate controls and keys shall be 5 lbs. (22.2 N) maximum.					
k.2.i	If the product has mechanically operated controls or keys, are controls and keys operable with one hand and do not require tight grasping, pinching, or twisting of the wrist?					
k.2.ii	If product has mechanically operated controls or keys, is force required to activate controls/keys 5 lbs. (22.2 N) maximum?					
(k3)	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.					
k.3.i	If the product has mechanically operated controls or keys, and key repeat is supported, is the delay before repeat adjustable to at least 2 seconds?					
k.3.ii	If the product has mechanically operated controls or keys, and key repeat is supported, is the repeat rate adjustable to 2 seconds per character?					
k.4	The status of all locking or toggle controls or keys shall be visually discernible, and discernible either through touch or sound. If product has mechanically operated controls or keys, is the status of all locking or toggle controls or keys visually discernible, and discernible either through touch or sound?					

