

Accessibility – Keyboard Entry **APPROVED**

Background

These are the rules developers should use in order to facilitate accessibility for those who are unable to use a mouse or other pointing device. The assumption is that these users will include those with difficulty viewing the screen, those without the ability to manipulate a mouse, and software users (robots) who are scanning the site.

Definitions

 Enter or Return

 Shift Key

 Link, either image or text

 Tab key

 Right Arrow Key

 Left Arrow Key

 Up Arrow Key

 Down Arrow Key

{space-bar} Space Bar key

{ESC} Escape Key

Page Navigation

If the focus is on/in the page, {space-bar} scrolls down the page by a full view height.

 {space-bar} moves up the page by a full view height.

[?] Tab key moves from interactive element to interactive element, from top to bottom, left to right unless otherwise specified by a tabindex rule.

↑ [?] Tab key moves from interactive element to interactive element, from bottom to top, right to left unless otherwise specified by a tabindex rule.

Links

Dialog or Modal Boxes

User may use {ESC} to close a dialog or modal at any time it is open.

Navbars and/or Tree Menus

On focus, the user may use [?] (Tab) to move through options in a navbar, ⌵ (Enter) to expand a menu (if it exists), and ↑, ↓ to move up/down among the options. On focus of a menu item that represents a submenu (flyout), the user may use → to open the menu and select the first option in the submenu, ↑, ↓ to navigate up/down. On focus then press of ⌵ (Enter) the link or button will be activated.

the submenu, and ← to return to the original menu item.

Tab Panel

IF the tab panel contains content within a page, on focus, user may navigate out of a tab panel by pressing [?] (Tab). The user may use →, ←, ↑, ↓ to navigate within the tab panel.

IF the tab panel is operating as a navigation system between pages, then use the Navbar rules.

Announce number of options at the beginning.

Forms

Forms are the most intricate navigation element, so each form element is included in this set of instructions.

Checkbox – On focus and press of {space-bar} the checkbox is selected / unselected. Announce number of options at the beginning.

Radio Buttons – On focus the user may use →, ←, ↑, ↓ to move from one radio button to another. On focus, the radio button focused is also selected. The user can then use [?] to move to the next form element.

Dropdown Menu – On focus, user may use ⌵, ↓, or {space-bar} to open the menu. On press of ↑, ↓ the focus will move to previous, next selection respectively. Select with return.

Tree Menu - On focus, user may use ⌵, ↓, or {space-bar} to open the menu. On press of ↑, ↓ the focus will move to previous, next selection respectively. On focus on an item that has a submenu, the user may use → to open that submenu, and navigation proceeds as a normal Dropdown Menu. On press of ← anywhere in the submenu, the user returns to the previous menu, the submenu is closed, and the focus is on the option that 'contains' the submenu.

Autocomplete – On focus, user can start typing to narrow selection and ↑, ↓ to move up/down among current options. User may press ↵ (Enter) to select the currently focused item.

Slider – On focus, the user may use →, ←, ↑, ↓ to increment/decrement the value. On press of {home} the slider will return to its minimum value, on press of {end} the slider will go to its maximum value.

Submit Button – On focus and press of ↵ (Enter) or {space-bar}, the form is submitted.

Booking Widget - The booking widget will operate as a modified ‘tree’ structure with the OPTION to search within regions of countries that have regions.

Normal Operation

In normal operation, the user will open the Destination menu with either a ↵ (Enter or Return) or a ↓ Down Arrow Key.

The user will navigate the Nations menu with the ↓ Down Arrow Key and ↑ Up Arrow Key. On focus of the nation, the screen reader will announce (Final text TBD):

“<Nation> Press Enter or Right Arrow for a list of resorts in <Nation>”

Operations for Nations with Regions

For nations with regions, on focus of Nation, the screen reader will announce (Final text TBD):

“<Nation> Press Right Arrow for a list of resorts in <Nation>. Press Enter for a list of regions in <Nation>”