

**BODS Accessibility Conformance Report**

**WCAG Edition**

**(Based on VPAT**® **Version 2.4Rev)**

**Name of Product/Version:** BODS 1.39

**Product description:** Bus Open Data Service

**Notes:**

BODS houses bus timetables, fare, and Automatic Vehicle Location (AVL) data for buses and coach services in England, Scotland, and Wales. This Voluntary Product Accessibility Template (VPAT) report pertains to the BODS application itself and not satellite applications such as Analyze-BODS (ABODS), Create Fares Data Service (CFDS), Create Transport Disruption Data (CTDD).

The multiple and differing user journeys to publish, find, and consume bus data have been mapped out and the relevant landing pages scanned for accessibility concerns.

This is a web-only application. The information contained in this report only applies to this release of this application.

Any customization or further update of this application may have an impact on the specifics in this report.

**Report Date:** August 13, 2024

**Contact Information:** [Accessibility Testing Team](mailto:AccessibilityTesting@kpmg.co.uk)

**Website:** [Bus Open Data Service - Site](https://www.bus-data.dft.gov.uk/)

**Evaluation Methods Used**

The KPMG Accessibility Testing practice uses established industry standards, including the Web Content Accessibility Guidelines, Section 508, and EN 301 549, to guide product evaluation during development and throughout the product lifecycle. The KPMG Accessibility Testing practice’s accessibility evaluation assessments incorporate a variety of measures, which can include: (i) conducting automated testing using a variety of proprietary and external tools; (ii) performing inspection and manual testing with a keyboard and adaptive technologies, such as screen readers and speech recognition software; and (iii) testing by individuals with disabilities.

* This application was evaluated using the most recent versions of multiple browsers (Chrome, Edge, Firefox).
* Assistive technologies used in this evaluation included NVDA and JAWS, as well as exclusive use of the keyboard to navigate and operate the product content and functionality.
* The evaluation process used a combination of automated checks as well as human testing/evaluation of specific workflows.
* This Accessibility Conformance Report is based on known conformance issues related to the BODS application. Other potential accessibility and usability issues may exist but are unknown at this time.

**Applicable Standards/Guidelines**

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

| **Standard / Guideline** | **Included in Report** |
| --- | --- |
| [Web Content Accessibility Guidelines (WCAG) 2.2 (w3.org)](https://www.w3.org/TR/WCAG22/) | Level A: Yes  Level AA: Yes  Level AAA: No |
| [Web Content Accessibility Guidelines 2.1](https://www.w3.org/TR/WCAG21) | Level A: Yes  Level AA: Yes  Level AAA: No |

**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.
* Partially Supports: 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 only be used in WCAG 2.0 Level AAA.

Note: For criteria marked “Supports,” substantial conformance with the criterion by the product or service has been determined through the Evaluation Testing, which includes a mix of automated and manual testing, as described above.

Note: In the tables below, for all criteria marked “Not Applicable,” the specific feature covered by that criterion is not part of the product. For example:

* If pre-recorded audio-only or video-only content is not part of a product, then WCAG criterion 1.2.1 Audio-only and Video-only (Prerecorded) will be marked “Not Applicable.”

**WCAG 2.2 Report**

Note: When reporting on conformance with the WCAG 2.2 Success Criteria, they are scoped for full pages, complete processes, and accessibility-supported ways of using technology as documented in the [Web Content Accessibility Guidelines (WCAG) 2.2 (w3.org)](https://www.w3.org/TR/WCAG22/#conformance-reqs).

### Table 1: Success Criteria, Level A

| **Criteria** | **Conformance Level** | **Remarks and Explanations** |
| --- | --- | --- |
| [1.1.1 Non-text Content](https://www.w3.org/TR/WCAG22/#non-text-content) (Level A) | Supports | BODS provides text alternatives for all instances of images and icons. |
| [1.2.1 Audio-only and Video-only (Prerecorded)](http://www.w3.org/TR/WCAG22/#media-equiv-av-only-alt) (Level A) | Not Applicable | There is no pre-recorded video or audio content on BODS |
| [1.2.2 Captions (Prerecorded)](http://www.w3.org/TR/WCAG22/#media-equiv-captions) (Level A) | Not Applicable | There is no pre-recorded video or audio content on BODS |
| [1.2.3 Audio Description or Media Alternative (Prerecorded)](http://www.w3.org/TR/WCAG22/#media-equiv-audio-desc) (Level A) | Not Applicable | There is no pre-recorded video or audio content on BODS |
| [1.3.1 Info and Relationships](http://www.w3.org/TR/WCAG22/#content-structure-separation-programmatic) (Level A) | Supports | Visual Structure and relationship information on BODS Template is provided appropriately within all the pages. |
| [1.3.2 Meaningful Sequence](http://www.w3.org/TR/WCAG22/#content-structure-separation-sequence) (Level A) | Supports | BODS presents content in a meaningful sequence, consistently, across all the pages. |
| [1.3.3 Sensory Characteristics](http://www.w3.org/TR/WCAG22/#content-structure-separation-understanding) (Level A) | Supports | Instructions on BODS do not rely solely on sensory characteristics, links are underlined AND color-coded and the appropriate gov.uk components are used |
| [1.4.1 Use of Color](http://www.w3.org/TR/WCAG22/#visual-audio-contrast-without-color) (Level A) | Supports | No functions of BODS convey information through color alone. |
| [1.4.2 Audio Control](http://www.w3.org/TR/WCAG22/#visual-audio-contrast-dis-audio) (Level A) | Supports | BODS does not contain audio that plays automatically. |
| [2.1.1 Keyboard](http://www.w3.org/TR/WCAG22/#keyboard-operation-keyboard-operable) (Level A) | Partially Supports | All the functionalities within BODS application can be operated using only a keyboard and support standard keyboard navigation, with the exception of the cosmetic maps in the timetable functionality. |
| [2.1.2 No Keyboard Trap](http://www.w3.org/TR/WCAG22/#keyboard-operation-trapping) (Level A) | Supports | All screens and components of the BODS application are clear of any keyboard traps. |
| [2.1.4 Character Key Shortcuts](https://www.w3.org/TR/WCAG21/#character-key-shortcuts) | Not Applicable | BODS does not provide character key shortcuts. |
| [2.2.1 Timing Adjustable](http://www.w3.org/TR/WCAG22/#time-limits-required-behaviors) (Level A) | Supports | BODS contains session timeouts, however, the user is given 20 seconds to keep the session active by clicking the relevant button |
| [2.2.2 Pause, Stop, Hide](http://www.w3.org/TR/WCAG22/#time-limits-pause) (Level A) | Supports | Components on BODS do not move or flicker but the application includes necessary page refreshes |
| [2.3.1 Three Flashes or Below Threshold](http://www.w3.org/TR/WCAG22/#seizure-does-not-violate) (Level A) | Supports | BODS does not contain flashing content. |
| [2.4.1 Bypass Blocks](http://www.w3.org/TR/WCAG22/#navigation-mechanisms-skip) (Level A) | Supports | BODS provides a means to bypass blocks of repeated content. There is a specific “Skip to main content” link on all pages, which may help sighted keyboard-only users. |
| [2.4.2 Page Titled](http://www.w3.org/TR/WCAG22/#navigation-mechanisms-title) (Level A) | Supports | Each page on BODS contains a programmatic title that describes that page’s topic or purpose. |
| [2.4.3 Focus Order](http://www.w3.org/TR/WCAG22/#navigation-mechanisms-focus-order) (Level A) | Partially Supports | Almost all BODS elements receive focus in a meaningful order, except maps. |
| [2.4.4 Link Purpose (In Context)](http://www.w3.org/TR/WCAG22/#navigation-mechanisms-refs) (Level A) | Supports | All links on BODS are programmatically determined from their context. |
| [2.5.1 Pointer Gestures](https://www.w3.org/TR/WCAG21/#pointer-gestures) | Supports | BODS contains no functionality which relies on multipoint or path-based gestures. |
| [2.5.2 Pointer Cancellation](https://www.w3.org/TR/WCAG21/#pointer-cancellation) | Supports | The functions on BODS that use a single pointer are completed when the user releases the pointer. |
| [2.5.3 Label in Name](https://www.w3.org/TR/WCAG21/#label-in-name) | Supports | The accessible names controls on BODS contain the text of their visible labels, unless they are cosmetic.  Note: the visible label is not front loaded. The accessible names may be verbose or not fit-for-purpose for some users. Usability testing may be required. |
| [2.5.4 Motion Actuation](https://www.w3.org/TR/WCAG21/#motion-actuation) | Supports | BODS does not have functionality operated by device motion or user motion. |
| [3.1.1 Language of Page](http://www.w3.org/TR/WCAG22/#meaning-doc-lang-id) (Level A) | Supports | BODS is only available in English |
| [3.2.1 On Focus](http://www.w3.org/TR/WCAG22/#consistent-behavior-receive-focus) (Level A) | Supports | No BODS components initiate a change of context when they receive focus |
| [3.2.2 On Input](http://www.w3.org/TR/WCAG22/#consistent-behavior-unpredictable-change) (Level A) | Supports | Changes of context do not occur automatically on user input on BODS except a minor case where selecting a radio button reveals a nested upload button or text field on the same page |
| [3.3.1 Error Identification](http://www.w3.org/TR/WCAG22/#minimize-error-identified) (Level A) | Supports | Where errors are automatically detected in  BODS, the error is identified, and an error message is provided as text following GDS standard. |
| [3.3.2 Labels or Instructions](http://www.w3.org/TR/WCAG22/#minimize-error-cues) (Level A) | Supports | Labels are provided for all of the input fields  on BODS |
| [4.1.1 Parsing](http://www.w3.org/TR/WCAG22/#ensure-compat-parses) (Level A) | Partially Supports | BODS uses semantically correct markup for all interface elements and have complete start and end tags, with the following exception:  Line level maps which are externally hosted and purely cosmetic |
| [4.1.2 Name, Role, Value](http://www.w3.org/TR/WCAG22/#ensure-compat-rsv) (Level A) | Supports | All components provide programmatic name, role, and state information to assistive technology users. |

### Table 2: Success Criteria, Level AA

| **Criteria** | **Conformance Level** | **Remarks and Explanations** |
| --- | --- | --- |
| [1.2.4 Captions (Live)](http://www.w3.org/TR/WCAG22/#media-equiv-real-time-captions) (Level AA) | Supports | BODS does not contain live synchronized media. |
| [1.2.5 Audio Description (Prerecorded)](http://www.w3.org/TR/WCAG22/#media-equiv-audio-desc-only) (Level AA) | Supports | BODS does not contain prerecorded video content that would require audio description. |
| [1.3.4 Orientation](https://www.w3.org/TR/WCAG21/#orientation) | Supports | BODS does not restrict its view and operation to a single display orientation and can be fully resized. |
| [1.3.5 Identify Input Purpose](https://www.w3.org/TR/WCAG21/#identify-input-purpose) | Supports | There are no forms which require autocomplete on BODS. Aria labels are present so the user can superimpose icons on screen. |
| [1.4.3 Contrast (Minimum)](http://www.w3.org/TR/WCAG22/#visual-audio-contrast-contrast) (Level AA) | Supports | All of the text BODS meets minimum color contrast requirements. |
| [1.4.4 Resize text](http://www.w3.org/TR/WCAG22/#visual-audio-contrast-scale) (Level AA) | Supports | All of the pages on BODS zoom to 200% without loss of content. |
| [1.4.5 Images of Text](http://www.w3.org/TR/WCAG22/#visual-audio-contrast-text-presentation) (Level AA) | Supports | BODS uses text instead of images of text except for branding elements that are cosmetic. |
| [1.4.10 Reflow](https://www.w3.org/TR/WCAG21/#reflow) | Supports | BODS supports reflow so content can be viewed without vertical scrolling in a viewport that is 320 pixels (px) wide and  without horizontal scrolling in a viewport that is 256 pixels high. |
| [1.4.11 Non-text Contrast](https://www.w3.org/TR/WCAG21/#non-text-contrast) | Supports | On BODS, visual presentation of all the interactive elements in all states have at least 3:1 contrast ratio across all pages. |
| [1.4.12 Text Spacing](https://www.w3.org/TR/WCAG21/#text-spacing) | Supports | BODS is still fully functional when the spacing  between letters, words, and lines of text  and/or paragraphs are adjusted, in all  pages. |
| [1.4.13 Content on Hover or Focus](https://www.w3.org/TR/WCAG21/#content-on-hover-or-focus) | Supports | There is no content that appears on hover  and on focus within BODS. |
| [2.4.5 Multiple Ways](http://www.w3.org/TR/WCAG22/#navigation-mechanisms-mult-loc) (Level AA) | Partially Supports | BODS pages are usually rendered as a result of, or a step in, a process, except navigating timetables, getting help etc. |
| [2.4.6 Headings and Labels](http://www.w3.org/TR/WCAG22/#navigation-mechanisms-descriptive) (Level AA) | Supports | BODS uses meaningful semantic  headings to label content blocks. Form input labels are associated to their inputs and provide a useful label to those inputs. |
| [2.4.7 Focus Visible](http://www.w3.org/TR/WCAG22/#navigation-mechanisms-focus-visible) (Level AA) | Supports | All the focusable elements on BODS have a visible keyboard focus indicator. |
| [3.1.2 Language of Parts](http://www.w3.org/TR/WCAG22/#meaning-other-lang-id) (Level AA) | Not Applicable | BODS content is only available in the English language. |
| [3.2.3 Consistent Navigation](http://www.w3.org/TR/WCAG22/#consistent-behavior-consistent-locations) (Level AA) | Supports | BODS provides consistent and repeatable navigation across all screens. |
| [3.2.4 Consistent Identification](http://www.w3.org/TR/WCAG22/#consistent-behavior-consistent-functionality) (Level AA) | Supports | Components that have the same functionality within BODS are identified consistently in the same location on the page. |
| [3.3.3 Error Suggestion](http://www.w3.org/TR/WCAG22/#minimize-error-suggestions) (Level AA) | Supports | BODS is able to detect issues automatically upon clicking submit and offers guidance on how to resolve the issues through error messages. |
| [3.3.4 Error Prevention (Legal, Financial, Data)](http://www.w3.org/TR/WCAG22/#minimize-error-reversible) (Level AA) | Supports | No forms within BODS submit actions that cause legal commitments or financial transactions to occur. However, certain forms submit actions that modify or delete user-controllable data in the data storage system such as deleting datasets or overwriting them. When such forms are present, a confirmation page is preempted to ensure the user wants to proceed with their action. |
| [4.1.3 Status Messages](https://www.w3.org/TR/WCAG21/#status-messages) | Supports | All the status messages on BODS are programmatically determined through role or properties and they are announced automatically to the screen reader users. |

### Table 3: Success Criteria, Level AAA

Notes: Level AAA success criteria' are not within the scope of this conformance evaluation.

| **Criteria** | **Conformance Level** | **Remarks and Explanations** |
| --- | --- | --- |
| [1.2.6 Sign Language (Prerecorded)](http://www.w3.org/TR/WCAG22/#media-equiv-sign) (Level AAA) | Not Evaluated |  |
| [1.2.7 Extended Audio Description (Prerecorded)](http://www.w3.org/TR/WCAG22/#media-equiv-extended-ad) (Level AAA) | Not Evaluated |  |
| [1.2.8 Media Alternative (Prerecorded)](http://www.w3.org/TR/WCAG22/#media-equiv-text-doc) (Level AAA) | Not Evaluated |  |
| [1.2.9 Audio-only (Live)](http://www.w3.org/TR/WCAG22/#media-equiv-live-audio-only) (Level AAA) | Not Evaluated |  |
| [1.3.6 Identify Purpose](https://www.w3.org/TR/WCAG21/#identify-purpose) (Level AAA 2.1 only) | Not Evaluated |  |
| [1.4.6 Contrast (Enhanced](http://www.w3.org/TR/WCAG22/#visual-audio-contrast7)) (Level AAA) | Not Evaluated |  |
| [1.4.7 Low or No Background Audio](http://www.w3.org/TR/WCAG22/#visual-audio-contrast-noaudio) (Level AAA) | Not Evaluated |  |
| [1.4.8 Visual Presentation](http://www.w3.org/TR/WCAG22/#visual-audio-contrast-visual-presentation) (Level AAA) | Not Evaluated |  |
| [1.4.9 Images of Text (No Exception)](http://www.w3.org/TR/WCAG22/#visual-audio-contrast-text-images) (Level AAA) | Not Evaluated |  |
| [2.1.3 Keyboard (No Exception)](http://www.w3.org/TR/WCAG22/#keyboard-operation-all-funcs) (Level AAA) | Not Evaluated |  |
| [2.2.3 No Timing](http://www.w3.org/TR/WCAG22/#time-limits-no-exceptions) (Level AAA) | Not Evaluated |  |
| [2.2.4 Interruptions](http://www.w3.org/TR/WCAG22/#time-limits-postponed) (Level AAA) | Not Evaluated |  |
| [2.2.5 Re-authenticating](http://www.w3.org/TR/WCAG22/#time-limits-server-timeout) (Level AAA) | Not Evaluated |  |
| [2.2.6 Timeouts](https://www.w3.org/TR/WCAG21/#timeouts) (Level AAA 2.1 only) | Not Evaluated |  |
| [2.3.2 Three Flashes](http://www.w3.org/TR/WCAG22/#seizure-three-times) (Level AAA) | Not Evaluated |  |
| [2.3.3 Animation from Interactions](https://www.w3.org/TR/WCAG21/#animation-from-interactions) (Level AAA 2.1 only) | Not Evaluated |  |
| [2.4.8 Location](http://www.w3.org/TR/WCAG22/#navigation-mechanisms-location) (Level AAA) | Not Evaluated |  |
| [2.4.9 Link Purpose (Link Only)](http://www.w3.org/TR/WCAG22/#navigation-mechanisms-link) (Level AAA) | Not Evaluated |  |
| [2.4.10 Section Headings](http://www.w3.org/TR/WCAG22/#navigation-mechanisms-headings) (Level AAA) | Not Evaluated |  |
| [2.5.5 Target Size](https://www.w3.org/TR/WCAG21/#target-size) (Level AAA 2.1 only) | Not Evaluated |  |
| [2.5.6 Concurrent Input Mechanisms](https://www.w3.org/TR/WCAG21/#concurrent-input-mechanisms) (Level AAA 2.1 only) | Not Evaluated |  |
| [3.1.3 Unusual Words](http://www.w3.org/TR/WCAG22/#meaning-idioms) (Level AAA) | Not Evaluated |  |
| [3.1.4 Abbreviations](http://www.w3.org/TR/WCAG22/#meaning-located) (Level AAA) | Not Evaluated |  |
| [3.1.5 Reading Level](http://www.w3.org/TR/WCAG22/#meaning-supplements) (Level AAA) | Not Evaluated |  |
| [3.1.6 Pronunciation](http://www.w3.org/TR/WCAG22/#meaning-pronunciation) (Level AAA) | Not Evaluated |  |
| [3.2.5 Change on Request](http://www.w3.org/TR/WCAG22/#consistent-behavior-no-extreme-changes-context) (Level AAA) | Not Evaluated |  |
| [3.3.5 Help](http://www.w3.org/TR/WCAG22/#minimize-error-context-help) (Level AAA) | Not Evaluated |  |
| [3.3.6 Error Prevention (All)](http://www.w3.org/TR/WCAG22/#minimize-error-reversible-all) (Level AAA) | Not Evaluated |  |

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Please consult with Assistive Technology (AT) vendors for compatibility specifications of specific AT products.

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